

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
260001	2004	FR ₁₁₂	17.2	X	208.00245	133.69124	349.94267	1.20799	0.1318111	0.27059425	2.3673202	20	9 10.6	20.4
260002	2004	FJ ₁₁₆	16.2	X	168.95341	126.89299	73.27247	8.81159	0.1592414	0.21309568	2.7760010	20	10 31.6	20.7
260003	2004	FK ₁₁₈	16.8	X	198.11259	35.76868	117.10149	3.33058	0.1239700	0.27212114	2.3584564	20	10 11.2	20.0
260004	2004	FX ₁₁₈	16.9	X	211.23843	86.52750	55.40296	5.01638	0.1665752	0.27229011	2.3574806	20	10 7.0	20.3
260005	2004	FC ₁₂₁	16.6	X	69.48341	93.37540	129.84635	9.94943	0.0835912	0.25940575	2.4349104	20	8 15.2	19.6
260006	2004	FX ₁₂₃	16.2	X	281.57784	139.40319	108.50023	13.15973	0.1511492	0.23845858	2.5754952	20	1 25.2	19.9
260007	2004	FT ₁₂₄	16.6	X	176.31845	356.12468	224.16852	2.69160	0.1351678	0.21724096	2.7405743	20	11 30.7	20.8
260008	2004	FK ₁₂₆	17.4	X	139.82730	5.16538	174.41128	2.51141	0.1315009	0.26619426	2.3933356	20	9 12.5	21.0
260009	2004	FT ₁₂₇	16.0	X	139.58790	280.25942	9.48362	12.64194	0.2032978	0.21916426	2.7245172	20	—	—
260010	2004	FD ₁₂₈	16.5	X	220.45886	70.91761	188.85432	7.18011	0.1159312	0.22932187	2.6434579	20	—	—
260011	2004	FO ₁₃₀	16.0	X	69.83347	108.26704	119.66371	9.37043	0.1124608	0.19936149	2.9020744	20	8 21.2	20.0
260012	2004	FN ₁₃₉	16.0	X	257.12346	159.78229	355.43399	26.54777	0.1830111	0.22013188	2.7165274	20	11 26.9	20.2
260013	2004	FG ₁₄₁	16.8	X	1.67495	164.74380	12.59668	7.55380	0.2004332	0.24272421	2.5452316	20	2 12.1	19.1
260014	2004	FD ₁₄₈	15.8	X	327.49709	319.55011	139.96943	22.55443	0.0188621	0.22562141	2.6722834	20	—	—
260015	2004	FG ₁₄₈	16.1	X	322.86859	218.74065	348.21536	12.59912	0.0941186	0.23916575	2.5704159	20	2 4.3	19.4
260016	2004	FL ₁₄₈	16.8	X	49.84648	77.83688	59.45595	19.09493	0.1466895	0.24644658	2.5195376	20	4 1.8	19.9
260017	2004	FO ₁₄₈	15.8	X	188.89638	142.26114	314.64836	22.66103	0.1075198	0.26095850	2.4252420	20	7 20.3	19.4
260018	2004	FV ₁₅₁	16.8	X	269.47252	107.04138	129.92659	4.99059	0.0540486	0.24025285	2.5626563	20	1 7.9	20.3
260019	2004	FS ₁₅₄	15.6	X	247.95050	190.95542	327.31953	12.92296	0.1246506	0.22048122	2.7136571	20	12 4.1	19.5
260020	2004	GM ₈	16.2	X	328.45505	9.70620	32.91737	3.86894	0.0903585	0.21242574	2.7818345	20	11 7.7	19.3
260021	2004	GF ₁₅	16.2	X	288.75779	164.36269	32.04688	34.58039	0.2106068	0.23261870	2.6184220	20	—	—
260022	2004	GS ₁₆	15.9	X	163.06716	177.24553	71.51585	16.60440	0.1910062	0.21628775	2.7486204	20	12 18.3	20.5
260023	2004	GB ₁₈	16.6	X	42.56868	39.95894	126.52136	9.30792	0.0999468	0.24710390	2.5150675	20	4 18.6	19.5
260024	2004	GC ₂₃	16.4	X	246.58513	127.33040	47.41613	4.68093	0.0448961	0.22054143	2.7131632	20	—	—
260025	2004	GR ₂₄	15.9	X	231.62140	193.12402	50.29049	14.60439	0.1993810	0.22640040	2.6661501	20	—	—
260026	2004	GT ₂₄	16.7	X	320.30860	147.37251	73.13244	5.80505	0.1500763	0.23907356	2.5710766	20	2 8.2	19.9
260027	2004	GA ₂₅	15.8	X	185.23291	274.45574	333.17751	13.77586	0.1955645	0.21905225	2.7254459	20	—	—
260028	2004	GQ ₂₅	17.8	X	125.52068	133.94424	56.95200	22.83235	0.0428603	0.38685676	1.8653883	20	10 10.8	20.2
260029	2004	GQ ₂₅	16.7	X	61.28751	91.19932	207.44619	14.39362	0.2615791	0.20410951	2.8568924	20	11 26.8	21.2
260030	2004	GZ ₂₅	17.1	X	348.31543	140.15637	52.57524	8.16485	0.1174983	0.24077070	2.5589804	20	2 20.6	20.1
260031	2004	GU ₃₁	17.2	X	137.36625	353.87600	192.52861	1.45540	0.1515760	0.26530241	2.3986962	20	9 19.2	20.7
260032	2004	GD ₃₂	16.7	X	171.46246	125.23758	214.04876	5.19375	0.02028815	0.23938157	2.5688707	20	1 18.9	20.2
260033	2004	GZ ₃₅	16.7	X	231.51938	261.67076	217.56020	20.69268	0.2613387	0.27404403	2.3474111	20	9 10.0	20.5
260034	2004	GP ₃₆	16.3	X	254.58528	173.08738	32.11127	10.22205	0.1952456	0.22557316	2.6726644	20	—	—
260035	2004	GX ₃₆	15.9	X	8.05544	240.60211	292.21296	12.11347	0.1185089	0.24077421	2.5589555	20	2 17.4	18.8
260036	2004	GS ₃₇	16.4	X	60.17662	101.44535	46.11438	1.70728	0.0279144	0.24484510	2.5305122	20	4 6.9	19.5
260037	2004	GK ₄₀	16.0	X	286.50203	293.46915	194.21318	9.17971	0.0819170	0.22037874	2.7144984	20	12 26.8	19.5
260038	2004	GV ₄₁	17.3	X	350.58164	132.74944	54.35353	4.88287	0.1546081	0.24094753	2.5577282	20	2 9.8	20.1
260039	2004	GU ₄₇	16.7	X	314.82541	85.53812	34.68773	5.52546	0.1150841	0.22474036	2.6792629	20	—	—
260040	2004	GW ₅₀	16.9	X	1.37682	253.99059	138.91027	2.28863	0.0590447	0.21630489	2.7484752	20	12 13.8	20.4
260041	2004	GV ₅₂	16.7	X	44.85969	274.82094	43.27698	2.46560	0.0843637	0.20908195	2.8114154	20	11 8.6	20.3
260042	2004	GY ₅₂	16.9	X	108.09231	147.29189	32.89704	4.71382	0.0324132	0.25894418	2.4378030	20	7 31.6	20.0
260043	2004	GB ₅₅	16.6	X	20.73419	338.87299	273.71153	0.81264	0.0755841	0.19421963	2.9530716	20	7 6.8	20.3
260044	2004	GQ ₅₉	15.2	X	246.48186	108.38680	189.59724	14.29960	0.0089609	0.18085592	3.0968077	20	3 7.6	19.7
260045	2004	GJ ₆₀	16.8	X	264.23063	168.88636	59.37317	4.27249	0.1390445	0.23124154	2.6288077	20	—	—
260046	2004	GJ ₇₁	15.9	X	143.57791	68.98360	223.85106	16.00790	0.2027617	0.21729763	2.7400978	20	—	—
260047	2004	GB ₇₃	15.9	X	65.68697	86.82421	55.53407	15.55114	0.0286720	0.24434586	2.5339579	20	4 13.6	19.3
260048	2004	GB ₈₂	16.6	X	178.48330	192.93127	302.37699	4.61989	0.1724630	0.26522400	2.3991690	20	8 22.1	20.3
260049	2004	GK ₈₆	17.0	X	183.72770	180.57659	155.95835	4.53700	0.0605987	0.23546333	2.5972905	20	2 4.7	20.7
260050	2004	GF ₈₈	16.2	X	128.08407	236.94407	284.35989	5.50856	0.1469905	0.26073678	2.4266167	20	8 6.5	19.9
260051	2004	HZ ₂	16.3	X	227.09266	162.30885	118.63516	3.62267	0.1187760	0.23201366	2.6229721	20	1 13.9	20.2
260052	2004	HY ₈	16.0	X	214.31877	199.25755	58.65013	12.64552	0.1468672	0.22538583	2.6741451	20	—	—
260053	2004	HL ₉	15.7	X	260.62120	32.92766	238.05425	13.69286	0.1916993	0.17499046	3.1656275	20	1 30.3	21.0
260054	2004	HV ₁₇	16.3	X	187.57021	44.20049	228.97813	12.68247	0.2306418	0.22236207	2.6983332	20	—	—
260055	2004	HT ₂₀	17.1	X	124.20025	25.56701	147.45919	2.75106	0.1541340	0.26030424	2.4293041	20	8 19.7	20.6
260056	2004	HC ₂₃	17.0	X	42.42411	112.48881	27.19649	13.77120	0.1330837	0.24238696	2.5475920	20	3 15.6	19.8
260057	2004	HT ₂₇	16.5	X	191.47673	230.25874	59.08434	11.11933	0.1862979	0.22492060	2.6778314	20	—	—
260058	2004	HC ₂₈	16.4	X	239.11038	177.46398	55.16372	12.83381	0.1380892	0.22597876	2.6694654	20	—	—
260059	2004	HF ₃₀	16.1	X	235.97282	148.37721	36.84926	10.94496	0.0511798	0.21988105	2.7185929	20	—	—
260060	2004	HR ₃₃	16.4	X	340.69089	133.49412	62.86757	12.45817	0.1239857	0.23891094	2.5722432	20	2 13.9	19.6
260061	2004	HH ₃₇	16.3	X	151.30282	354.77852	52.77531	10.23021	0.0480178	0.24022920	2.5628244	20	4 1.1	19.9
260062	2004	HE ₃₈	15.6	X	125.47792	173.06211	104.53931	10.55274	0.1277761	0.21401455	2.7680495	20	12 21.1	20.0
260063	2004	HE ₃₉	17.3	X	115.71631	287.49696	225.94740	20.39110	0.0576832	0.37819074	1.8937768	20	7 6.0	19.8
260064	2004	HL ₄₀	16.6	X	66.43577	316.48021	4.53804	3.84087	0.0949774	0.21289659	2.7777314	20	12 10.1	20.6
260065	2004	HF ₄₆	16.0	X	294.85406	223.16460	339.49068	11.09713	0.1251836	0.23179930	2.6245890	20	—	—
260066	2004	HF ₄₈	16.0	X	247.67929	325.06105	265.23829	13.97434	0.0289339	0.22942838	2.6426397	20	—	—
260067	2004	HU ₄₈	16.5	X	292.42408	288.57254	303.26367	6.07931	0.1646991	0.23237458	2.6202555	20	—	—
260068	2004	HA ₅₁	15.6	X	6.67644	288.05808	389.96087	14.07743	0.1317249	0.18936833	3.0032937	20	5 24.3	19.3
260069	2004	HJ ₅₂	16.5	X	246.57962	35.30088	180.31951	14.63861	0.2099019	0.22488409	2.6781212	20	—	—
260070	2004	HJ ₅₆	16.1	X	292.83170	291.09700	276.17005	10.35608	0.1430520	0.2				

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
260081	2004	<i>JW</i> ₃₀	16.1	X	261.70080	216.34733	72.35595	16.12254	0.1843887	0.23448635	2.6044999	20	2 28.1	20.5
260082	2004	<i>JE</i> ₃₄	15.9	X	273.78877	149.03360	76.82054	14.69211	0.2050282	0.22951818	2.6419504	20	—	—
260083	2004	<i>JR</i> ₃₆	16.0	X	150.63107	10.90336	251.35939	11.85709	0.1412304	0.21448495	2.7640008	20	12 24.9	20.5
260084	2004	<i>JJ</i> ₄₅	16.2	X	330.33473	126.99959	92.08977	7.90858	0.1015976	0.23876090	2.5733207	20	3 1.0	19.4
260085	2004	<i>KG</i> ₄	17.1	X	112.26709	212.68906	52.50562	2.15171	0.1591690	0.26831004	2.3807371	20	12 4.2	20.9
260086	2004	<i>KW</i> ₅	16.7	X	357.27029	343.39941	220.60988	7.52513	0.1816421	0.24152544	2.5536466	20	3 9.5	19.3
260087	2004	<i>KS</i> ₆	17.0	X	88.27310	62.28192	132.28186	2.19694	0.1343203	0.25652345	2.4531155	20	8 6.5	20.4
260088	2004	<i>KT</i> ₁₂	16.4	X	239.87057	104.38258	151.66133	7.78227	0.0998669	0.22746004	2.6578633	20	—	—
260089	2004	<i>KO</i> ₁₇	15.8	X	138.14925	150.22551	125.71975	10.46816	0.1124720	0.21212596	2.7844548	20	12 30.3	20.2
260090	2004	<i>KW</i> ₁₇	15.9	X	143.61243	88.31332	114.58017	17.77671	0.0509406	0.20198650	2.8768760	20	10 15.0	20.5
260091	2004	<i>LK</i> ₂	16.3	X	299.94969	300.11034	248.99169	8.17812	0.1785922	0.22949547	2.6421247	20	—	—
260092	2004	<i>LW</i> ₂	16.6	X	210.23981	129.37322	100.89913	7.57528	0.1730502	0.21923763	2.7239093	20	—	—
260093	2004	<i>LL</i> ₁₅	16.1	X	110.75299	260.09010	93.62333	7.22095	0.2488615	0.21179659	2.7873408	20	1 2.6	19.8
260094	2004	<i>LM</i> ₁₅	16.0	X	175.70746	155.34072	113.74486	8.11093	0.2443252	0.21626973	2.7487731	20	—	—
260095	2004	<i>LL</i> ₂₀	16.6	X	293.39595	123.07017	163.09172	7.76595	0.1783381	0.23929512	2.5694893	20	3 24.4	19.9
260096	2004	<i>LH</i> ₂₁	16.1	X	318.53038	159.69053	106.46310	15.52912	0.1230962	0.24105091	2.5569969	20	4 18.4	19.5
260097	2004	<i>MX</i> ₃	15.5	X	174.20543	155.99888	287.92539	12.59565	0.1029972	0.17907169	3.1173442	20	6 11.9	20.4
260098	2004	<i>ME</i> ₅	16.6	X	47.76466	289.94687	226.52167	6.71672	0.1330166	0.24087566	2.5582370	20	4 11.2	19.2
260099	2004	<i>NN</i>	17.2	X	135.06501	256.66328	300.08079	18.98161	0.0813364	0.37979191	1.8884504	20	10 3.1	20.0
260100	2004	<i>NR</i> ₄	17.1	X	185.62292	212.84414	307.10657	18.08721	0.1042522	0.38226214	1.8803060	20	10 12.9	19.8
260101	2004	<i>NZ</i> ₉	15.5	X	358.18462	333.21951	292.61649	11.24157	0.2064980	0.18238386	3.0794875	20	6 20.3	18.5
260102	2004	<i>ND</i> ₁₉	15.3	X	282.90952	181.32588	131.03876	19.51211	0.1908290	0.17530117	3.1618857	20	4 23.1	20.2
260103	2004	<i>NL</i> ₂₅	16.2	X	225.92216	177.26974	112.56712	13.87482	0.1724783	0.22381990	2.6866036	20	1 23.2	20.5
260104	2004	<i>NJ</i> ₃₁	15.1	X	305.84848	259.61860	114.69969	12.14142	0.2669552	0.18283447	3.0744257	20	7 26.9	18.6
260105	2004	<i>NR</i> ₃₁	16.3	X	175.67417	32.30474	304.38399	4.58487	0.0614649	0.22305039	2.6927791	20	1 29.1	20.2
260106	2004	<i>NY</i> ₃₁	16.1	X	73.57540	27.95232	111.78850	15.42508	0.0059322	0.23451878	2.6042597	20	4 20.3	19.9
260107	2004	<i>OE</i> ₁	16.0	X	17.86246	169.74298	140.64256	12.44802	0.1070606	0.19148350	2.9811361	20	9 25.1	19.8
260108	2004	<i>OX</i> ₃	16.2	X	336.00260	126.20624	158.48801	10.11950	0.2800865	0.18012460	3.1051842	20	5 22.3	19.4
260109	2004	<i>OX</i> ₇	16.3	X	2.77229	165.90328	112.61586	16.36125	0.2573775	0.18477048	3.0529123	20	7 23.2	18.9
260110	2004	<i>PL</i> ₅	15.9	X	225.32041	4.87498	296.58617	13.82934	0.0949672	0.22376781	2.6870205	20	2 5.2	20.0
260111	2004	<i>PO</i> ₆	16.2	X	72.35612	356.51271	302.47946	8.47404	0.1797309	0.19663356	2.9288533	20	11 25.5	20.8
260112	2004	<i>PY</i> ₁₀	16.3	X	359.71409	190.44781	146.39773	5.57950	0.2194370	0.18932462	3.0037560	20	10 10.1	19.3
260113	2004	<i>PP</i> ₁₃	15.9	X	25.19066	200.49239	128.95434	5.84614	0.2363002	0.19169653	2.9789271	20	11 17.1	19.6
260114	2004	<i>PL</i> ₂₁	15.4	X	296.45129	28.28447	346.24464	27.27270	0.1396664	0.18020840	3.1042215	20	8 11.1	19.7
260115	2004	<i>PP</i> ₂₂	15.6	X	332.84429	32.11430	297.72887	6.20750	0.1274583	0.18377154	3.0639655	20	8 1.1	19.1
260116	2004	<i>PK</i> ₂₇	15.4	X	284.89663	26.54231	337.73718	9.19038	0.0906949	0.18076256	3.0978739	20	7 9.7	19.8
260117	2004	<i>PZ</i> ₂₇	15.5	X	16.24987	347.84462	275.80937	12.14742	0.2293053	0.18349774	3.0670126	20	7 26.7	18.8
260118	2004	<i>PP</i> ₂₈	15.8	X	352.96099	290.71789	326.53821	8.85007	0.1853125	0.17706289	3.1408776	20	5 24.6	19.3
260119	2004	<i>PL</i> ₃₃	15.9	X	88.86371	273.38367	97.16947	7.05727	0.0613327	0.21005696	2.8027090	20	—	—
260120	2004	<i>PJ</i> ₃₆	15.6	X	61.74709	93.50427	258.96971	4.75466	0.1339336	0.20014297	2.8945151	20	—	—
260121	2004	<i>PX</i> ₄₃	15.5	X	334.35718	269.63578	137.19370	11.24697	0.1073665	0.19339936	2.9614156	20	11 21.8	19.2
260122	2004	<i>PU</i> ₆₃	16.0	X	328.23663	255.09105	303.84798	4.49780	0.0763920	0.22453405	2.6809039	20	2 2.1	19.2
260123	2004	<i>PX</i> ₆₃	16.2	X	159.63374	97.36507	233.08628	5.00531	0.0356381	0.21604768	2.7506562	20	1 1.6	20.2
260124	2004	<i>PO</i> ₆₄	16.0	X	94.06285	307.92325	77.39120	5.94055	0.0688067	0.21289608	2.7777359	20	—	—
260125	2004	<i>PB</i> ₆₇	15.5	X	246.32373	354.26020	316.28020	12.06689	0.1723867	0.22648119	2.6655159	20	3 1.8	19.9
260126	2004	<i>PZ</i> ₇₄	16.1	X	354.92599	327.00151	358.79553	2.24482	0.1735921	0.18561977	3.0435929	20	9 7.8	19.4
260127	2004	<i>PB</i> ₇₈	15.4	X	330.15691	66.11211	311.70250	14.98660	0.1411315	0.18858443	3.0116106	20	9 23.5	19.2
260128	2004	<i>PF</i> ₈₀	15.5	X	182.09138	359.76073	171.94159	10.54291	0.1525434	0.21600143	2.7510488	20	1 19.9	20.0
260129	2004	<i>PV</i> ₉₂	15.9	X	67.29788	11.59940	334.33247	8.32367	0.0706254	0.19804422	2.9149287	20	—	—
260130	2004	<i>PF</i> ₉₅	15.8	X	72.73318	116.40385	279.22747	5.34428	0.1265714	0.20939122	2.8086464	20	—	—
260131	2004	<i>PG</i> ₉₅	15.6	X	295.48015	82.22874	306.43137	14.57272	0.2143343	0.18213574	3.0822836	20	8 5.0	19.4
260132	2004	<i>PT</i> ₉₅	15.8	X	32.26674	221.76822	68.00554	9.77607	0.2584811	0.18934599	3.0035300	20	10 13.3	19.6
260133	2004	<i>PR</i> ₁₀₅	15.3	X	321.46226	32.22586	282.93833	9.55897	0.0911293	0.17869114	3.1217685	20	6 26.6	19.3
260134	2004	<i>PH</i> ₁₁₃	15.8	X	0.38175	146.72755	152.04903	12.61980	0.1354476	0.18228707	3.0805776	20	8 7.4	19.5
260135	2004	<i>PN</i> ₁₁₄	15.7	X	296.43469	358.77149	14.43908	18.23316	0.1563627	0.17983324	3.1085372	20	8 3.7	20.0
260136	2004	<i>PH</i> ₁₁₅	15.8	X	334.56881	187.75067	139.42506	11.50458	0.0980470	0.18419464	3.0592717	20	8 2.1	19.5
260137	2004	<i>PL</i> ₁₁₅	16.6	X	301.36104	34.31370	30.60007	2.09463	0.1231362	0.19077991	2.9884612	20	10 17.7	20.3
260138	2004	<i>QV</i> ₉	15.5	X	298.86595	192.86898	136.21175	18.32924	0.1902143	0.17595589	3.1540374	20	5 31.9	20.0
260139	2004	<i>QU</i> ₁₄	16.2	X	319.44684	115.14585	268.48661	6.45383	0.1785186	0.18591042	3.0404198	20	9 13.3	19.7
260140	2004	<i>QM</i> ₂₂	17.1	X	267.28728	81.20525	287.59598	17.97302	0.1035612	0.36234074	1.9486086	20	6 25.7	18.9
260141	2004	<i>QT</i> ₂₄	18.3	X	262.66136	76.63270	36.11858	17.74567	0.2520485	0.81739792	1.1328707	20	—	—
260142	2004	<i>QA</i> ₂₇	15.1	X	319.95235	315.16897	123.59962	17.85869	0.0671392	0.19628114	2.9323581	20	12 10.9	19.1
260143	2004	<i>QQ</i> ₂₇	15.5	X	316.80315	221.67463	139.04843	16.54046	0.1756810	0.18042165	3.1017750	20	8 10.4	18.8
260144	2004	<i>QT</i> ₂₇	15.7	X	29.80349	301.56088	317.43400	10.93776	0.1258045	0.18006410	3.1058797	20	8 3.9	19.5
260145	2004	<i>RD</i> ₂	14.4	X	342.99971	352.60223	289.99065	27.63552	0.1854380	0.17449235	3.1716491	20	6 14.4	18.2
260146	2004	<i>RO</i> ₃	15.5	X	338.72960	286.89659	115.67289	9.74536	0.1377438	0.19217190	2.9740125	20	11 23.6	19.0
260147	2004	<i>RK</i> ₅	15.5	X	280.11315	269.00028	109.55397	7.93331	0.2217422	0.17573730	3.1566523	20	6 29.2	20.0
260148	2004	<i>RH</i> ₆	15.8	X	343.60642	272.96287	74.91638	13.44166	0.2318809	0.18421168	3.0590831	20</		

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
260161	2004	RP ₅₅	16.0	X	334.94942	180.41635	191.36830	9.08932	0.1028732	0.18724393	3.0259672	20	10 2.6	19.6
260162	2004	RN ₅₇	15.7	X	332.69591	337.48764	52.74667	5.04223	0.1658589	0.18754273	3.0227524	20	10 24.5	18.9
260163	2004	RO ₆₂	15.6	X	0.73653	161.31669	177.57512	16.69598	0.1111810	0.18608688	3.0384975	20	10 2.7	19.2
260164	2004	RB ₆₄	16.1	X	281.30448	43.78473	352.48340	15.67042	0.2256993	0.17793407	3.1306173	20	7 29.4	20.6
260165	2004	RP ₆₄	15.3	X	329.66101	134.63290	182.49773	5.47962	0.1990939	0.17798933	3.1299692	20	7 1.5	18.7
260166	2004	RS ₆₅	15.2	X	14.97933	280.70858	357.53827	22.35937	0.2292304	0.18129761	3.0917758	20	8 25.8	18.7
260167	2004	RR ₆₉	15.5	X	296.07139	216.16273	153.50632	10.94574	0.1043269	0.17912903	3.1166789	20	7 27.8	19.7
260168	2004	RH ₇₀	15.1	X	213.00215	74.82949	358.04627	16.77659	0.0907014	0.17391073	3.1078166	20	7 12.5	20.2
260169	2004	RQ ₈₄	15.1	X	353.89380	230.73535	88.42880	24.28466	0.1855579	0.18052093	3.1006376	20	9 6.9	19.0
260170	2004	RA ₈₇	15.4	X	7.25058	54.40067	258.00097	9.45120	0.0792495	0.18206364	3.0830973	20	8 29.4	19.5
260171	2004	RN ₉₀	16.1	X	165.74309	28.73925	288.55770	5.20585	0.0592351	0.21358749	2.7717380	20	—	—
260172	2004	RS ₉₅	15.5	X	29.38505	60.99666	251.07202	6.16047	0.0788281	0.18941308	3.0028207	20	10 3.9	19.6
260173	2004	RL ₉₇	15.7	X	337.10845	91.11372	262.84840	7.36575	0.2167774	0.18334948	3.0686659	20	9 5.2	18.9
260174	2004	RM ₉₈	15.9	X	320.61177	91.61582	175.52940	23.87071	0.3705279	0.17492479	3.1664197	20	3 11.2	20.0
260175	2004	RY ₉₈	15.9	X	331.52036	39.27227	300.61568	3.97152	0.1599310	0.18160781	3.0882542	20	8 10.3	19.2
260176	2004	RJ ₁₀₃	15.7	X	318.82855	62.84528	308.49696	7.69641	0.0865231	0.18296595	3.0729527	20	9 3.5	19.7
260177	2004	RX ₁₀₅	15.2	X	330.75612	169.17927	233.12958	8.81630	0.0623979	0.18942418	3.0027034	20	11 4.9	19.1
260178	2004	RO ₁₀₈	16.0	X	94.24204	88.60476	235.98726	6.01216	0.1088264	0.20107775	2.8855374	20	—	—
260179	2004	RS ₁₁₂	14.9	X	5.05822	33.48885	275.68380	15.07118	0.1751482	0.18118369	3.0930717	20	8 25.8	18.7
260180	2004	RK ₁₂₃	15.6	X	255.60220	302.56095	142.81098	6.77693	0.1037360	0.18559168	3.0439000	20	9 12.1	19.8
260181	2004	RS ₁₂₅	15.9	X	191.91674	301.03075	176.28127	11.18492	0.1034726	0.17938713	3.1136887	20	8 7.9	20.9
260182	2004	RD ₁₃₄	16.3	X	60.27400	166.89452	81.74587	2.25448	0.1325169	0.18412482	3.0600451	20	9 5.4	20.5
260183	2004	RU ₁₃₈	15.5	X	356.65201	186.75366	256.10542	10.81853	0.0533223	0.20327789	2.8646789	20	—	—
260184	2004	RT ₁₄₀	15.4	X	296.74709	358.97220	16.86643	16.71240	0.1818768	0.17854680	3.1234507	20	8 2.7	19.7
260185	2004	RP ₁₄₁	16.2	X	357.19410	246.84226	127.17714	3.37934	0.2415514	0.18894047	3.0078261	20	11 26.7	19.4
260186	2004	RM ₁₄₂	15.4	X	356.15400	259.57534	355.12048	25.05884	0.3256269	0.17720634	3.1391824	20	5 11.2	18.5
260187	2004	RS ₁₄₆	16.3	X	139.36724	182.85456	145.61776	2.98822	0.0677945	0.20901786	2.8119901	20	—	—
260188	2004	RS ₁₅₂	15.6	X	335.25000	65.73178	280.92617	9.95357	0.1495459	0.18392852	3.0622220	20	8 23.7	19.2
260189	2004	RY ₁₅₂	15.9	X	313.66086	111.41536	287.20010	7.40284	0.1009493	0.18707612	3.0277765	20	9 29.5	19.7
260190	2004	RM ₁₅₃	15.0	X	141.09434	25.51933	306.60901	8.97240	0.1028280	0.14756473	3.5466174	20	1 2.7	20.3
260191	2004	RP ₁₅₄	15.7	X	351.33072	183.08295	196.63805	13.24133	0.0716058	0.19066860	2.9896241	20	11 8.8	19.6
260192	2004	RW ₁₅₆	15.6	X	273.99868	101.00731	341.98342	9.86598	0.1834187	0.18487856	3.0517224	20	9 18.1	19.5
260193	2004	RE ₁₅₇	15.3	X	333.99096	335.03981	347.54350	12.08200	0.0913473	0.17731391	3.1379126	20	7 29.8	19.4
260194	2004	RJ ₁₅₈	15.6	X	271.82058	213.51170	196.34803	11.93654	0.1274325	0.18028744	3.1033141	20	8 9.7	20.0
260195	2004	RB ₁₅₉	15.5	X	286.26039	109.52781	317.34055	9.11737	0.0709473	0.18733011	3.0250391	20	9 28.5	19.6
260196	2004	RS ₁₅₉	15.7	X	235.03100	348.09027	311.32495	11.04190	0.1187930	0.21982975	2.7190158	20	2 12.9	19.8
260197	2004	RG ₁₆₃	15.7	X	230.43400	87.94376	343.84739	12.96617	0.2335248	0.16967111	3.2314501	20	7 15.4	21.1
260198	2004	RP ₁₆₇	15.5	X	194.60874	20.06408	262.90631	8.33504	0.0869858	0.21017883	2.8016254	20	—	—
260199	2004	RQ ₁₆₈	15.7	X	53.39011	309.11047	323.59168	8.29619	0.0984110	0.18698404	3.0287704	20	9 18.3	19.8
260200	2004	RT ₁₆₉	15.9	X	31.77783	80.65774	256.33707	6.52620	0.1068203	0.19124089	2.9836568	20	11 14.3	19.9
260201	2004	RH ₁₇₁	15.8	X	353.28096	0.40399	345.69576	9.51160	0.0977939	0.18797023	3.0181674	20	9 26.3	19.6
260202	2004	RK ₁₇₅	15.5	X	349.52641	66.48358	273.23599	7.67525	0.2372960	0.18527197	3.0474008	20	9 14.4	18.6
260203	2004	RB ₁₇₉	15.3	X	337.77445	157.82458	235.32058	9.15069	0.0607136	0.19014064	2.9951558	20	11 3.4	19.2
260204	2004	RE ₁₈₀	16.0	X	289.53504	125.80636	200.60317	18.28155	0.1755184	0.17203133	3.2018257	20	5 14.8	20.5
260205	2004	RK ₁₈₁	15.6	X	277.24463	44.08887	336.29215	11.97377	0.1309071	0.17619674	3.1511625	20	7 14.9	20.1
260206	2004	RN ₁₈₁	15.7	X	324.21884	163.17029	187.53788	17.5358	0.2156951	0.18085498	3.0968184	20	8 2.4	19.4
260207	2004	RS ₁₈₄	15.5	X	281.08339	196.86118	242.84225	9.64205	0.1008141	0.18770734	3.0209848	20	10 4.8	19.7
260208	2004	RX ₁₈₆	15.4	X	335.69067	80.84640	272.37005	8.07229	0.0639206	0.18129407	3.0918160	20	9 4.5	19.6
260209	2004	RB ₁₉₇	15.2	X	321.19561	350.48762	11.55215	10.78617	0.3288602	0.17902011	3.1179430	20	8 4.7	18.2
260210	2004	RC ₁₉₇	15.5	X	70.73752	73.51444	298.52524	7.01662	0.0511901	0.20083350	2.8878764	20	—	—
260211	2004	RV ₂₀₀	15.5	X	293.93578	53.85720	332.28061	8.98123	0.2258186	0.17583012	3.1555413	20	7 30.5	19.4
260212	2004	RP ₂₀₄	15.3	X	168.94091	25.52248	284.16177	12.67941	0.1933891	0.21138184	2.7909856	20	—	—
260213	2004	RV ₂₀₅	15.5	X	6.88928	58.93579	208.37874	16.50341	0.1421713	0.17698634	3.1417833	20	7 4.4	19.5
260214	2004	RN ₂₀₇	15.5	X	295.46524	136.83904	259.96880	15.30400	0.2285885	0.18173372	3.0868275	20	8 7.8	19.7
260215	2004	RL ₂₁₀	15.6	X	25.69117	22.11981	284.57722	10.70823	0.1000447	0.18644459	3.0346098	20	9 20.4	19.7
260216	2004	RE ₂₁₁	15.5	X	300.91434	130.19090	258.65649	10.09233	0.1259083	0.18201394	3.0836585	20	8 22.9	19.6
260217	2004	RP ₂₁₂	14.8	X	313.92816	84.63600	213.74361	21.13696	0.3785220	0.17592263	3.1544349	20	4 7.6	18.9
260218	2004	RQ ₂₁₂	14.9	X	280.92693	84.27762	248.64696	17.91843	0.1031593	0.17057204	3.2200614	20	5 21.0	19.3
260219	2004	RM ₂₁₃	15.2	X	281.09625	121.05011	251.52141	13.97996	0.1711630	0.17443384	3.1723582	20	6 29.7	19.7
260220	2004	RN ₂₁₄	16.0	X	335.76914	52.12771	284.64949	10.03345	0.2221078	0.18097840	3.0954102	20	8 8.3	19.2
260221	2004	RO ₂₁₅	14.8	X	295.07350	91.12582	254.50360	11.13035	0.1331358	0.17392523	3.1785398	20	6 20.9	18.9
260222	2004	RK ₂₁₈	15.9	X	271.85350	89.68910	288.02217	13.91370	0.2228009	0.17280445	3.1922687	20	6 19.2	20.0
260223	2004	RY ₂₂₈	15.7	X	225.62862	272.40100	209.86304	6.51729	0.1211979	0.18122827	3.0925644	20	9 17.2	20.5
260224	2004	RU ₂₃₀	16.2	X	21.97584	90.30080	224.60501	1.54719	0.0892358	0.18272715	3.0756293	20	9 29.3	20.0
260225	2004	RR ₂₃₁	16.0	X	297.02090	350.96692	12.33128	0.62787	0.2456908	0.17522528	3.1627986	20	6 29.8	20.1
260226	2004	RO ₂₃₆	15.6	X	207.40118	278.57950	182.73257	10.44201	0.0270365	0.17958525	3.1113982	20	8 10.2	20.1
260227	2004	RA ₂₃₉	16.6	X	340.47108	122.94574	209.74980	1.03620	0.1707625	0.18180304	3.0860429	20	8 17.6	20.0
260228	2004	RB ₂₄₅	15.9	X	250.00019	14.36188	110.22589	2.39192	0.0516146	0.19150995	2.9808617	20	11 1.3	20.0
260229	2004	RO ₂₄₈	17.2	X	120.75642	168.90397	284.55621	15.03706	0.1515763	0.34737765	2.0041711	20	4 21	

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
260241 2004 RK ₃₂₁	15.8	X	201.89709	265.81232	282.38262	6.64713	0.0120638	0.19277256	2.9678315	20	11 24.7	20.1
260242 2004 RE ₃₂₂	15.0	X	261.71138	234.02865	209.19959	14.35922	0.0612226	0.18239396	3.0793739	20	9 18.5	19.4
260243 2004 RX ₃₂₂	16.1	X	174.75611	8.18963	286.06193	7.20748	0.2031638	0.20934170	2.8090893	20	—	—
260244 2004 RY ₃₂₅	15.3	X	314.06649	99.88495	305.60258	8.68401	0.1344334	0.18206247	3.0831106	20	10 5.0	19.2
260245 2004 RC ₃₂₈	16.4	X	17.40267	90.52073	282.92280	6.42385	0.1034774	0.19188023	2.9770255	20	12 10.1	20.2
260246 2004 RM ₃₂₈	15.7	X	59.69224	24.77369	346.63304	11.19500	0.0526613	0.19829921	2.9124293	20	—	—
260247 2004 RF ₃₃₁	16.6	X	107.08879	229.30878	149.11680	4.36511	0.1108781	0.20981764	2.8048398	20	1 8.9	20.4
260248 2004 RY ₃₃₁	15.8	X	7.30528	285.44800	91.11315	12.68627	0.1242865	0.19178256	2.9780363	20	12 3.6	19.5
260249 2004 RB ₃₃₂	15.8	X	12.30673	279.59968	73.61685	9.77567	0.0717292	0.18912602	3.0058585	20	11 5.7	19.8
260250 2004 RE ₃₃₃	15.7	X	332.58572	294.27207	9.69002	26.23594	0.1737605	0.17701770	3.1414122	20	6 19.9	19.9
260251 2004 RM ₃₄₀	15.2	X	258.77847	158.33768	284.41606	18.62723	0.1364067	0.18061049	3.0996125	20	8 27.3	20.0
260252 2004 RX ₃₄₀	15.3	X	316.23065	268.41384	86.40040	17.36849	0.2408743	0.17881571	3.1203186	20	7 24.4	18.8
260253 2004 RT ₃₄₅	16.0	X	37.92072	270.76599	102.63659	3.24431	0.0307366	0.19869733	2.9085377	20	12 28.4	19.8
260254 2004 RE ₃₄₇	15.3	X	21.37004	93.25991	213.54067	15.46278	0.0620263	0.18169899	3.0872209	20	9 10.9	19.6
260255 2004 SU	15.7	X	324.48892	248.52298	96.72798	11.91480	0.1151256	0.17749978	3.1357217	20	8 11.0	19.6
260256 2004 SB ₂	16.2	X	99.88520	12.60957	325.24875	2.58787	0.1501972	0.20313794	2.8659945	20	—	—
260257 2004 SC ₄	15.3	X	307.21520	267.81405	83.07318	15.37056	0.2880223	0.17903488	3.1177715	20	6 22.2	18.8
260258 2004 SS ₈	16.4	X	297.85339	243.66520	121.42771	1.44400	0.2394010	0.17725577	3.1385987	20	7 4.5	20.3
260259 2004 SZ ₁₁	15.1	X	348.31862	210.88172	125.39884	16.99710	0.1805817	0.18292418	3.0734205	20	9 13.8	18.6
260260 2004 SY ₁₆	15.5	X	311.60295	329.99413	29.67635	18.08840	0.2162628	0.17939983	3.1135418	20	8 1.1	19.5
260261 2004 SG ₁₉	15.4	X	240.74904	258.73424	190.25246	15.94170	0.0706785	0.18172347	3.0869436	20	8 29.3	19.9
260262 2004 SK ₂₀	15.1	X	324.05360	316.37867	18.99040	8.59815	0.1094308	0.17479335	3.1680068	20	7 28.7	19.2
260263 2004 ST ₂₇	16.6	X	330.31319	300.99810	177.38733	1.91727	0.0221247	0.20483831	2.8501120	20	—	—
260264 2004 SP ₂₉	15.5	X	354.76266	340.55663	0.19715	9.63001	0.1005208	0.18373595	3.0643612	20	9 23.1	19.2
260265 2004 SS ₂₉	15.5	X	11.18282	332.34348	4.11200	9.25918	0.1089331	0.18621591	3.0370937	20	10 12.9	19.3
260266 2004 SA ₃₅	15.6	X	356.59987	354.77328	326.31268	14.14486	0.1284411	0.18344251	3.0676283	20	8 30.1	19.1
260267 2004 SD ₃₅	16.0	X	62.32646	85.00552	210.74082	9.28795	0.0918881	0.19115208	2.9845810	20	10 31.4	20.1
260268 2004 SY ₄₂	15.5	X	324.62725	352.96811	341.79179	10.35336	0.0842872	0.17759631	3.1345853	20	7 30.8	19.5
260269 2004 SB ₅₀	16.4	X	320.22164	343.70946	11.75623	3.38351	0.2121267	0.17962115	3.1109837	20	8 6.5	19.8
260270 2004 SC ₅₄	15.9	X	18.11525	113.00071	221.25756	9.24261	0.0995077	0.18734487	3.0248802	20	10 20.4	19.7
260271 2004 SK ₅₅	15.6	X	38.63464	276.18107	350.30911	16.55594	0.2058555	0.18273018	3.0755953	20	9 9.2	19.3
260272 2004 SA ₅₈	15.6	X	332.85223	202.97486	182.72585	8.43524	0.2539775	0.18322405	3.0700661	20	10 16.9	18.4
260273 2004 SB ₆₁	15.5	X	356.38085	275.45406	125.84820	12.83397	0.2413424	0.19124700	2.9835934	20	12 31.9	18.8
260274 2004 TW ₂	16.4	X	230.34287	99.39773	6.91530	1.16964	0.0884816	0.17991308	3.1076174	20	9 8.4	20.7
260275 2004 TK ₆	15.6	X	274.70663	297.63248	96.17236	11.11526	0.2151125	0.17653031	3.1471916	20	7 13.9	20.0
260276 2004 TQ ₇	15.2	X	277.36897	320.00565	82.85097	11.55815	0.2091554	0.17652405	3.1472661	20	7 31.7	19.6
260277 2004 TR ₁₂	18.2	X	289.95318	77.77716	155.38103	19.35572	0.2096026	0.16378626	0.8951323	20	—	—
260278 2004 TV ₁₆	14.8	X	288.58903	124.22989	257.02473	18.71124	0.2329851	0.17480010	3.1679253	20	7 9.5	19.3
260279 2004 TQ ₁₇	15.4	X	279.09130	308.54690	84.75729	7.04385	0.2108500	0.17571777	3.1568862	20	7 20.0	19.7
260280 2004 TB ₂₅	16.0	X	37.39425	334.98034	330.57065	2.67820	0.0829569	0.18534209	3.0466321	20	10 8.1	19.9
260281 2004 TT ₃₁	15.4	X	332.72604	314.03055	26.89036	13.45666	0.1691154	0.17833280	3.1259490	20	8 20.9	19.1
260282 2004 TB ₃₈	15.3	X	219.86305	117.92282	23.45819	15.21645	0.1460702	0.18344748	3.0675728	20	10 5.9	20.0
260283 2004 TS ₃₈	15.3	X	108.86137	192.01073	23.64579	28.74365	0.1315188	0.17978485	3.1090950	20	9 27.9	20.3
260284 2004 TG ₃₉	16.2	X	265.52501	323.23047	69.69595	1.13856	0.1655903	0.17266346	3.1940063	20	7 8.4	20.9
260285 2004 TT ₄₃	15.9	X	322.43355	98.77971	249.39971	3.77881	0.1582368	0.17644423	3.1482151	20	8 3.4	19.6
260286 2004 TB ₅₁	15.2	X	212.42225	280.39407	223.68325	20.66926	0.2147036	0.17794098	3.1305362	20	9 18.0	20.6
260287 2004 TY ₅₆	15.8	X	347.73920	120.27530	202.96614	10.25128	0.1332569	0.17929538	3.1147509	20	8 15.1	19.6
260288 2004 TE ₅₈	15.7	X	266.46338	30.66979	12.32545	8.38757	0.1167550	0.17576274	3.1563477	20	8 1.5	20.2
260289 2004 TC ₅₉	15.9	X	271.03690	35.44092	24.90297	3.99920	0.1364426	0.17951683	3.1121888	20	8 25.8	20.2
260290 2004 TN ₆₅	15.2	X	331.47104	310.56327	90.22162	12.28617	0.0948532	0.18668727	3.0319794	20	11 8.4	19.1
260291 2004 TZ ₇₁	15.6	X	263.50962	302.91268	134.42579	6.08998	0.1503766	0.18021050	3.1041973	20	9 4.3	19.9
260292 2004 TB ₇₈	16.3	X	300.40407	220.80180	111.81178	2.59018	0.1858311	0.17352071	3.1834779	20	6 4.1	20.4
260293 2004 TG ₉₉	16.1	X	198.92429	71.03170	82.46678	2.47587	0.1154779	0.18212821	3.0823686	20	10 1.0	20.8
260294 2004 TS ₁₀₁	15.2	X	215.68008	78.69065	24.50723	9.63312	0.1880798	0.17309434	3.1887035	20	8 13.9	20.5
260295 2004 TY ₁₀₃	16.2	X	303.60941	222.49440	167.24572	2.28157	0.0771867	0.18235682	3.0797919	20	9 8.2	19.9
260296 2004 TW ₁₀₆	15.4	X	24.30686	276.14634	58.65347	10.45221	0.0846736	0.18774074	3.0206265	20	10 31.1	19.3
260297 2004 TG ₁₀₉	15.2	X	12.15008	290.35030	46.10966	10.53563	0.1509161	0.18247865	3.0784210	20	10 22.2	18.9
260298 2004 TQ ₁₁₂	15.1	X	210.81114	278.02834	193.25801	25.81423	0.2992532	0.17026070	3.2239857	20	8 3.9	21.2
260299 2004 TX ₁₁₂	15.0	X	343.75264	85.79543	239.01373	12.55374	0.1403205	0.17638647	3.1489025	20	8 7.5	19.0
260300 2004 TT ₁₁₃	15.4	X	280.24151	220.95016	233.45128	7.28803	0.1670796	0.18298542	3.0727347	20	10 13.8	19.4
260301 2004 TT ₁₁₄	16.6	X	6.47794	137.05073	284.13873	0.89525	0.0467083	0.19633589	2.9318129	20	—	—
260302 2004 TK ₁₁₇	15.9	X	19.84103	299.39899	83.23144	3.08218	0.1100558	0.19461588	2.9490617	20	12 26.6	19.8
260303 2004 TJ ₁₁₉	15.4	X	323.76300	302.00926	95.90881	8.20842	0.0802146	0.18721212	3.0263100	20	10 23.7	19.3
260304 2004 TM ₁₁₉	15.2	X	354.42472	92.79945	257.47674	10.57817	0.0730805	0.18510754	3.0492051	20	9 28.7	19.3
260305 2004 TK ₁₂₂	16.1	X	245.00684	5.80406	37.35037	1.24380	0.1308575	0.17136867	3.2100744	20	7 2.2	20.8
260306 2004 TS ₁₂₂	15.3	X	304.56151	173.56599	201.61919	10.93309	0.0847923	0.17864815	3.1222693	20	8 16.7	19.6
260307 2004 TE ₁₂₃	15.2	X	185.82070	266.72566	189.21172	23.17768	0.18818213	0.16962330	3.2320572	20	7 6.0	20.6
260308 2004 TJ ₁₂₆	16.2	X	316.53090	279.20244	92.60174	2.45260	0.1817665	0.18053454	3.1004817	20	8 25.8	19.7
260309 2004 TX ₁₂₈	15.5	X	308.47600	210.66269	107.16499	3.12030	0.2022706	0.17246496	3.1964565	20	5 25.7	19.5
260310 2004 TN ₁₂₉	15.5	X	327.84030	333.99927	72.38393	11.56588	0.1068562	0.18878937	3.0094308	20	11 8.7	19.1
260311 2004 TD ₁₃₇	15.2	X	282.08504	68.66538	349.19804	8.98677	0.0807942	0.17947561	3.1126653	20	9 12.9	19.3
260312 2004 TH ₁₃₈	15.3	X	12.03529	83.54078	257.00800	9.95264	0.0712145	0.18532902	3.0467753	20	10 13.2	19.5
260313 2004 TB ₁₃₉	15.6	X	47.49720	312.89150	348.15554	10.03023	0.0984614	0.18640741	3.035			

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
260321 2004 TW ₁₅₅	16.4	X	222.30484	13.29645	46.14247	1.77000	0.1593206	0.16895054	3.2406315	20	6 25.9	21.5
260322 2004 TQ ₁₅₆	16.0	X	87.18693	186.66717	50.71235	2.90780	0.0638939	0.18033223	3.1028002	20	9 14.4	20.4
260323 2004 TD ₁₆₂	16.3	X	300.21133	352.32611	59.87746	2.47276	0.1760088	0.18110691	3.0939458	20	9 21.6	19.9
260324 2004 TE ₁₆₇	15.7	X	32.17911	97.43058	194.32759	9.91184	0.1110924	0.18328223	3.0694164	20	9 16.2	19.8
260325 2004 TL ₁₇₂	15.1	X	72.49768	64.53069	264.56522	12.91126	0.0583896	0.19149673	2.9809989	20	12 17.9	19.2
260326 2004 TV ₁₇₅	15.1	X	247.25582	54.94641	39.13968	9.85223	0.0582576	0.17899546	3.1182292	20	9 21.2	19.6
260327 2004 TQ ₁₇₆	15.8	X	294.89738	147.23017	211.43436	4.86312	0.1876762	0.17334809	3.1855910	20	6 29.2	20.1
260328 2004 TJ ₁₈₂	16.7	X	13.36860	330.67582	62.70454	2.97957	0.0983817	0.19505246	2.9446596	20	12 29.7	20.4
260329 2004 TE ₁₉₃	15.8	X	79.69497	155.65485	61.89401	2.26336	0.1225372	0.17590644	3.1546285	20	8 18.6	20.4
260330 2004 TH ₂₀₄	15.5	X	281.19210	234.26051	234.49029	11.54275	0.0620847	0.18509558	3.0493365	20	11 18.4	19.4
260331 2004 TV ₂₀₅	15.9	X	211.12344	44.83479	47.46957	5.52609	0.1129087	0.16894807	3.2406632	20	7 30.3	20.9
260332 2004 TO ₂₁₁	15.9	X	197.75848	149.45048	8.68447	5.85094	0.2192982	0.17967835	3.1103234	20	9 27.5	21.2
260333 2004 TJ ₂₁₇	16.1	X	331.37701	104.79786	198.44081	10.40557	0.1960012	0.17501756	3.1653006	20	6 15.9	19.8
260334 2004 TS ₂₁₈	15.3	X	212.23841	196.75111	131.41609	11.63696	0.1077582	0.15816478	3.3863320	20	3 5.7	20.6
260335 2004 TS ₂₂₀	15.1	X	40.42102	348.64010	332.27561	10.23404	0.0510319	0.18245210	3.0787196	20	10 22.7	19.5
260336 2004 TF ₂₂₃	15.0	X	240.14073	304.36687	128.42549	14.87902	0.1860248	0.17067467	3.2187705	20	7 27.2	20.0
260337 2004 TH ₂₂₅	16.4	X	349.67666	184.70382	155.38719	1.09035	0.0988471	0.18222087	3.0813236	20	9 13.8	20.1
260338 2004 TP ₂₂₉	16.5	X	352.86576	83.75160	211.19864	0.92605	0.0508312	0.17269795	3.1935810	20	7 18.6	20.8
260339 2004 TB ₂₃₁	16.1	X	200.23581	250.30557	310.65623	3.23128	0.0803703	0.19036117	2.9928421	20	11 30.7	20.5
260340 2004 TU ₂₃₃	15.1	X	204.69692	106.54303	29.91126	16.69277	0.1802145	0.17736231	3.1373417	20	9 16.9	20.4
260341 2004 TG ₂₄₃	15.7	X	356.18969	101.89410	233.78596	14.53571	0.1129906	0.18415269	3.0597364	20	9 13.4	19.7
260342 2004 TK ₂₄₄	16.0	X	319.81623	345.38461	349.68162	5.80717	0.1529872	0.17588810	3.1548478	20	7 14.9	19.8
260343 2004 TM ₂₄₈	16.8	X	315.07006	120.51209	283.23076	1.13266	0.1849171	0.18335277	3.0686291	20	10 4.7	20.2
260344 2004 TG ₂₅₉	15.4	X	221.61343	100.10385	23.81428	12.33717	0.1382128	0.17986441	3.1081780	20	9 18.8	20.2
260345 2004 TT ₂₆₆	15.7	X	51.75277	239.78199	39.51455	6.00494	0.1102975	0.17997683	3.1068836	20	9 28.9	19.9
260346 2004 TN ₂₆₈	15.5	X	236.58459	88.12777	44.76527	7.17392	0.2064698	0.18165213	3.0877519	20	10 5.9	20.2
260347 2004 TN ₂₈₀	15.8	X	204.77343	211.83410	259.58842	4.16342	0.1257209	0.17208096	3.2012100	20	8 12.3	20.8
260348 2004 TG ₂₈₃	15.2	X	220.13481	83.22394	46.77452	8.71143	0.1064617	0.17809101	3.1287778	20	9 27.3	20.0
260349 2004 TA ₂₈₆	16.3	X	15.63808	80.57482	289.92670	1.38955	0.0779019	0.18786262	3.0193200	20	11 29.6	20.2
260350 2004 TL ₂₉₁	15.5	X	338.05335	82.81010	201.72916	5.97301	0.1713357	0.17192676	3.2031238	20	6 5.7	19.2
260351 2004 TU ₂₉₄	15.3	X	352.28415	119.07466	298.70298	8.66088	0.0374100	0.19260052	2.9695986	20	12 24.4	19.3
260352 2004 TJ ₃₀₈	15.6	X	275.37026	118.57861	286.43496	8.80921	0.1127123	0.17607283	3.1526407	20	8 10.9	19.9
260353 2004 TL ₃₀₈	15.7	X	306.25575	130.38304	217.30899	15.73773	0.1616691	0.17482499	3.1676247	20	7 3.8	20.0
260354 2004 TZ ₃₁₄	15.4	X	314.33631	170.81382	210.48719	8.98900	0.0489847	0.18131703	3.0915550	20	9 12.5	19.6
260355 2004 TP ₃₂₄	15.3	X	276.83799	134.04081	276.03143	9.14495	0.0815413	0.17795916	3.1303229	20	8 22.5	19.7
260356 2004 TF ₃₂₇	15.7	X	336.17527	80.87516	296.34413	8.13235	0.1595171	0.18147564	3.0897534	20	10 5.9	19.4
260357 2004 TK ₃₃₃	15.9	X	198.06436	86.18406	54.92363	1.35274	0.1210190	0.17638959	3.1488653	20	9 13.6	20.8
260358 2004 TP ₃₃₇	16.4	X	254.98084	46.17893	36.31738	0.72981	0.1470695	0.18044823	3.1014704	20	8 30.8	20.7
260359 2004 TF ₃₄₀	16.1	X	325.89819	285.56921	33.73719	13.60464	0.2305474	0.17532244	3.1616300	20	6 22.4	19.7
260360 2004 TZ ₃₄₆	15.4	X	264.39927	30.29722	15.84404	12.57676	0.0540839	0.17405788	3.1769248	20	8 14.4	20.0
260361 2004 TO ₃₅₃	16.9	X	344.84891	307.35898	94.31432	0.83995	0.2135064	0.19113933	2.9847137	20	12 6.3	20.0
260362 2004 TG ₃₅₇	15.6	X	342.81920	217.29558	125.88067	13.01471	0.1590980	0.18135639	3.0911078	20	9 10.4	19.1
260363 2004 TR ₃₆₀	16.5	X	276.21910	293.49723	149.72061	2.18525	0.1873345	0.18122159	3.0926404	20	9 22.6	20.5
260364 2004 TP ₃₇₀	15.5	X	279.79213	41.81307	67.96415	12.79816	0.1811578	0.18523278	3.0478306	20	11 5.1	19.4
260365 2004 UK ₃	15.5	X	53.43998	227.80636	108.10785	11.52711	0.1368430	0.19174652	2.9784094	20	12 15.3	19.8
260366 2004 US ₃	15.0	X	244.67735	71.13028	0.27047	18.70072	0.1929015	0.17152735	3.2080944	20	8 5.9	20.2
260367 2004 UN ₆	15.1	X	184.66152	268.11262	216.13780	23.58136	0.1330676	0.17374616	3.1807234	20	8 2.5	20.7
260368 2004 UU ₈	15.0	X	191.82508	26.63512	275.29463	25.77115	0.1590351	0.21745539	2.7387723	20	1 6.7	19.5
260369 2004 UY ₁₀	15.3	X	25.70289	266.51872	90.82879	16.57022	0.0941947	0.18708920	3.0276354	20	12 1.3	19.4
260370 2004 VN	14.4	X	340.83606	341.83448	84.67114	4.04101	0.2208427	0.12599614	3.9406199	20	12 6.1	18.8
260371 2004 VQ ₄	15.4	X	284.51004	187.26219	271.15530	14.00790	0.1268979	0.18570057	3.0427100	20	10 29.3	19.5
260372 2004 VA ₇	15.4	X	347.97700	301.10950	67.95687	11.30090	0.1161248	0.18193004	3.0846065	20	10 24.0	19.2
260373 2004 VV ₁₃	15.0	X	277.66299	142.86324	269.88637	8.97882	0.0870485	0.17459356	3.1704232	20	8 25.6	19.5
260374 2004 VL ₁₆	15.3	X	283.52073	250.90944	93.95774	27.36520	0.3420643	0.17522077	3.1628530	20	5 16.2	20.4
260375 2004 VO ₁₇	15.3	X	275.66848	343.17826	62.65011	10.41317	0.0710867	0.17432668	3.1736581	20	8 25.8	19.8
260376 2004 VK ₁₈	14.7	X	100.42865	330.87579	228.32646	31.83392	0.0244171	0.17096332	3.2151464	20	7 25.0	20.0
260377 2004 VB ₃₁	15.5	X	272.41723	74.75169	60.58410	12.07902	0.0796472	0.18815026	3.0162419	20	12 7.2	19.4
260378 2004 VM ₃₂	16.3	X	73.18343	221.45864	151.73378	2.45498	0.1041661	0.19277603	2.9224909	20	—	—
260379 2004 VK ₃₃	15.2	X	192.89275	9.02376	84.72448	6.49724	0.0674951	0.16668899	3.2698771	20	7 14.1	20.1
260380 2004 VU ₃₃	15.7	X	169.27389	86.82623	63.44319	17.41395	0.1622119	0.17146563	3.2088641	20	9 4.3	21.3
260381 2004 VF ₃₇	15.8	X	76.24718	73.50791	227.80767	4.57985	0.1257799	0.18662433	3.0326611	20	11 26.1	20.4
260382 2004 VF ₃₈	15.4	X	25.79394	317.33564	56.46239	6.32086	0.1199107	0.18943948	3.0025417	20	12 23.4	19.4
260383 2004 VV ₄₀	16.3	X	80.28331	114.81023	207.67750	2.32192	0.1053917	0.19040237	2.9924103	20	12 23.5	20.8
260384 2004 VP ₆₀	15.6	X	12.53453	118.39772	239.61647	8.41797	0.1573612	0.18392070	3.0623088	20	11 18.7	19.2
260385 2004 VG ₆₁	15.3	X	272.61761	332.63556	89.84885	18.95184	0.2034922	0.17652027	3.1473109	20	8 24.5	19.9
260386 2004 VM ₆₁	15.6	X	318.28682	291.54013	91.83148	17.31237	0.2441405	0.17959526	3.1112827	20	9 15.9	19.1
260387 2004 VB ₆₄	15.1	X	262.39323	6.71794	103.09279	12.36628	0.1170927	0.18250538	3.0781204	20	10 23.7	19.5
260388 2004 VP ₆₅	15.3	X	229.65667	22.03461	55.18299	6.91995	0.1070565	0.16971474	3.2308962	20	8 1.3	20.2
260389 2004 VP ₇₀	15.9	X	303.37911	323.00123	74.87473	4.67858	0.1592669	0.17784653	3.1316444	20	9 10.8	19.7
260390 2004 VX ₇₀	14.9	X	138.07626	116.03830	60.28831	17.37676	0.0657084	0.17124453	3.2116256	20	9 3.7	20.0
260391 2004 VG ₇₃	15.2	X	297.50097	347.19044	81.58020	18.94141	0.1585579	0.18203091	3.0834669	20	10 20.7	19.3
260392 2004 VL ₇₄	15.0	X	359.66105	240.41005	99.80690	6.37468	0.1585253	0.17982484	3.1086340	20	10 7.6	18.6
260393 2004 VD ₇₇	15.9	X	344.55055	70.04729	323.11							

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
260401	2004	XW ₃	15.1	X	238.08914	59.71944	61.65358	18.02394	0.1085709	0.17828083	3.1265566	20	10 11.7	19.9
260402	2004	XS ₆	15.1	X	289.61077	7.75752	59.64672	11.22181	0.1412252	0.17859980	3.1228328	20	10 3.4	19.2
260403	2004	XG ₇	15.2	X	300.15655	354.00552	80.72502	18.61491	0.1751770	0.18078896	3.0975723	20	10 29.1	19.1
260404	2004	XS ₇	15.0	X	255.42546	227.42544	258.04727	17.07997	0.0556634	0.18084386	3.0969453	20	11 3.1	19.5
260405	2004	XQ ₉	15.1	X	291.60742	136.09262	262.55675	7.90628	0.0769742	0.17391284	3.1786908	20	8 28.3	19.6
260406	2004	XA ₁₁	17.0	X	259.12309	1.70596	74.75499	6.22263	0.0837485	0.29826157	2.2185600	20	9 27.9	19.5
260407	2004	XZ ₁₁	14.9	X	183.05106	276.33791	258.17061	16.19660	0.0926299	0.17599793	3.1535352	20	10 3.3	20.1
260408	2004	XV ₁₇	15.2	X	348.53612	226.55005	145.31514	17.37093	0.1453169	0.18090719	3.0962225	20	10 31.9	19.1
260409	2004	XL ₁₈	15.1	X	264.44972	202.84876	250.92399	4.68726	0.1471047	0.17796969	3.1301995	20	9 22.8	19.5
260410	2004	XT ₂₂	15.5	X	230.74909	249.81141	261.99623	13.76406	0.1904320	0.17860540	3.1227676	20	10 17.4	20.6
260411	2004	XW ₂₃	15.3	X	301.98062	128.33332	277.56275	10.30347	0.1644351	0.17698097	3.1418468	20	9 9.7	19.3
260412	2004	XS ₂₇	15.7	X	208.09735	47.80055	101.89346	2.53057	0.1247830	0.17524594	3.1625501	20	10 4.1	20.6
260413	2004	XZ ₂₈	17.3	X	109.24204	67.95271	182.47560	2.33128	0.0962441	0.29835693	2.2180872	20	11 16.2	20.4
260414	2004	XC ₃₂	15.5	X	296.43738	336.35486	75.20924	6.12460	0.1275032	0.17712612	3.1401301	20	9 22.6	19.5
260415	2004	XH ₅₂	17.0	X	305.80052	290.26517	96.05147	7.02530	0.1399597	0.29949586	2.2124604	20	9 28.0	18.9
260416	2004	XV ₅₄	15.4	X	241.40381	69.10160	88.90551	9.33059	0.1224731	0.18180149	3.0860604	20	11 20.6	19.8
260417	2004	XE ₅₆	15.4	X	265.49281	352.52022	68.09040	6.62826	0.1466986	0.17073848	3.2179684	20	8 17.6	20.0
260418	2004	XU ₆₀	17.2	X	221.76359	163.94457	284.18525	3.78931	0.0594696	0.29261329	2.2470187	20	8 19.2	19.8
260419	2004	XC ₆₅	15.2	X	319.63859	146.43130	265.93036	12.09918	0.0358736	0.18025686	3.1036650	20	10 28.9	19.5
260420	2004	XY ₇₄	16.0	X	22.91567	241.84503	152.27832	1.90902	0.1466942	0.19090230	2.9871838	20	—	—
260421	2004	XZ ₇₄	15.2	X	224.58382	91.66921	75.64842	12.23126	0.0486974	0.18403322	3.0610604	20	11 22.0	19.6
260422	2004	XL ₇₇	15.2	X	293.76770	166.18227	259.68083	9.11112	0.0709403	0.17749994	3.1357197	20	10 6.4	19.6
260423	2004	XV ₇₉	15.7	X	318.61614	337.14650	69.70541	2.31053	0.1700556	0.17978066	3.1091433	20	10 17.6	19.2
260424	2004	XQ ₈₁	15.2	X	272.45553	348.58779	104.48005	5.98749	0.1354544	0.17746060	3.1361832	20	10 9.6	19.4
260425	2004	XA ₉₁	15.1	X	93.39645	163.29302	81.29155	6.26922	0.1235609	0.17180411	3.2046481	20	10 7.9	20.0
260426	2004	XT ₉₈	15.7	X	274.61096	336.35548	70.73116	2.45695	0.1414684	0.16857119	3.2454915	20	8 10.9	20.1
260427	2004	XZ ₉₉	17.2	X	295.88857	289.49244	88.41932	7.06012	0.1683531	0.29588117	2.2304432	20	8 16.2	19.2
260428	2004	XR ₁₀₁	16.5	X	353.68006	230.77170	297.24474	5.44417	0.0660804	0.26457019	2.4031199	20	1 23.1	19.0
260429	2004	XR ₁₀₄	15.0	X	204.60407	86.42003	85.32276	26.39927	0.2757499	0.17283426	3.1919016	20	10 27.4	20.9
260430	2004	XS ₁₀₄	17.4	X	206.09456	32.18129	35.34660	2.97396	0.1388869	0.28863500	2.2676188	20	6 24.5	20.6
260431	2004	XB ₁₀₆	14.8	X	200.54812	257.31791	265.74056	23.98244	0.2162545	0.17480445	3.1678727	20	9 24.1	20.6
260432	2004	XN ₁₀₉	15.2	X	299.16718	156.06661	263.94348	7.97575	0.0717514	0.18154097	3.0890121	20	10 7.6	19.5
260433	2004	XB ₁₁₁	15.0	X	332.83572	96.91989	270.87913	15.48557	0.1146313	0.17775540	3.1327147	20	9 12.6	19.2
260434	2004	XQ ₁₁₄	16.1	X	0.00801	79.40833	287.07283	5.68322	0.1601767	0.18156954	3.0886881	20	11 7.1	19.7
260435	2004	XO ₁₁₉	16.6	X	342.97025	84.16474	93.95657	5.42043	0.0965362	0.26350887	2.4095682	20	1 17.5	19.3
260436	2004	XJ ₁₂₃	15.3	X	300.77694	159.23705	273.16959	9.36671	0.1150591	0.17966519	3.1104753	20	10 20.9	19.3
260437	2004	XO ₁₂₈	16.8	X	116.26932	251.20978	248.53224	6.13336	0.0490068	0.28484081	2.2877114	20	6 16.3	19.6
260438	2004	XH ₁₃₀	15.2	X	271.94250	145.34177	310.57478	16.26998	0.1870751	0.17542836	3.1603573	20	9 22.5	19.8
260439	2004	XG ₁₃₄	15.5	X	264.66843	57.53895	42.85663	5.95890	0.1314555	0.17833488	3.1259248	20	10 7.8	19.9
260440	2004	XS ₁₃₇	15.1	X	251.73707	178.68592	304.86627	9.52444	0.0899692	0.17634823	3.1493576	20	10 19.3	19.7
260441	2004	XN ₁₅₅	17.8	X	347.20769	270.00870	108.53761	4.90134	0.1427950	0.30563380	2.1827389	20	12 10.4	19.6
260442	2004	XB ₁₆₄	14.5	X	218.37821	33.28076	85.56669	16.14953	0.2366775	0.17486803	3.1671048	20	9 3.1	20.0
260443	2004	XC ₁₆₅	16.8	X	344.65329	282.06389	278.19940	7.25514	0.1975621	0.26933634	2.3746854	20	2 1.4	19.1
260444	2004	XH ₁₆₆	15.7	X	265.51510	22.80624	18.94961	5.06233	0.1327182	0.16914391	3.2381613	20	7 25.4	20.3
260445	2004	XE ₁₆₇	15.1	X	34.39715	263.84931	70.27500	7.98338	0.1544942	0.18645285	3.0345202	20	11 20.9	19.1
260446	2004	YQ ₃	15.3	X	321.68880	292.52458	99.12110	12.86409	0.2011999	0.18071453	3.0984227	20	10 7.6	18.8
260447	2004	YW ₁₂	17.3	X	333.61451	237.50184	103.56317	8.36473	0.1788397	0.29529533	2.2333922	20	9 13.8	18.9
260448	2004	YA ₃₅	15.2	X	24.50548	239.94948	139.35590	13.04787	0.2473937	0.18932842	3.0037158	20	—	—
260449	2005	AV ₄	17.8	X	291.26762	23.19647	42.12825	2.71894	0.1498259	0.30232018	2.1986594	20	10 26.6	19.5
260450	2005	AX ₅	17.1	X	299.01003	327.70999	76.17242	4.68697	0.2087460	0.30064398	2.2068241	20	10 3.2	18.4
260451	2005	AZ ₇	16.8	X	154.08490	218.25807	330.27213	6.94334	0.0697879	0.29392161	2.2403457	20	10 10.7	19.8
260452	2005	AW ₁₄	16.8	X	78.66665	179.50705	333.05455	9.04194	0.1409953	0.27494173	2.3422987	20	5 25.1	19.8
260453	2005	AJ ₂₅	17.1	X	308.10459	345.92828	227.03869	4.57346	0.0599726	0.26105572	2.4246398	20	1 19.6	20.3
260454	2005	AL ₂₉	17.5	X	181.86508	140.34215	349.78067	3.43370	0.1691771	0.28924764	2.2644158	20	8 22.4	20.8
260455	2005	AQ ₃₁	17.2	X	210.58035	310.36025	124.41976	6.03502	0.1204774	0.28829820	2.2693846	20	7 10.7	20.2
260456	2005	AT ₄₁	17.1	X	113.37176	220.42905	229.31827	2.64881	0.0699037	0.27278376	2.3546356	20	4 4.5	20.0
260457	2005	AQ ₄₃	17.1	X	126.65105	159.90682	308.25256	3.12228	0.0886922	0.27669182	2.3324115	20	5 19.9	20.3
260458	2005	AN ₅₀	15.6	X	296.36592	322.64252	150.34407	10.05704	0.0624151	0.18058099	3.0999500	20	12 14.0	19.9
260459	2005	AR ₅₄	15.4	X	356.96267	18.88378	44.50818	14.13992	0.1578373	0.18765076	3.0215921	20	—	—
260460	2005	AH ₅₇	16.7	X	19.24425	302.89245	234.97710	8.28640	0.1058469	0.26714586	2.3876486	20	3 13.2	19.2
260461	2005	AE ₆₀	17.2	X	25.98926	91.38627	41.27563	1.81309	0.1097466	0.26231412	2.4168791	20	1 24.6	19.4
260462	2005	AX ₇₅	17.3	X	359.57213	81.35270	121.21177	5.59142	0.1635972	0.26765426	2.3846242	20	3 15.7	19.3
260463	2005	AN ₇₇	16.9	X	130.45514	113.20546	17.27573	4.41481	0.1129942	0.27960067	2.3162063	20	6 28.3	20.2
260464	2005	AD ₇₈	15.5	X	30.28211	15.25470	27.68085	3.08743	0.2700527	0.12255651	4.0140100	20	—	—
260465	2005	BZ ₃	15.8	X	264.68723	114.55015	308.16205	3.91645	0.1162323	0.16875025	3.2431953	20	8 20.1	20.2
260466	2005	BM ₈	15.1	X	181.63460	259.45189	322.02926	13.89617	0.0658062	0.17718711	3.1394095	20	12 2.7	20.1
260467	2005	BX ₈	16.8	X	195.67528	323.03526	104.85279	7.52849	0.0925355	0.28291939	2.2980576	20	6 16.0	20.0
260468	2005	BQ ₉	17.7	X	197.08494	143.17192	309.19961	2.67852	0.1044494	0.28652573	2.2787340	20	7 21.2	20.6
260469	2005	BT ₁₁	17.4	X	213.33997	291.66369	129.61731	8.14113	0.1770065	0.28580735	2.2825508	20	6 21.2	20.9

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
260481 2005 CW ₁₉	17.2	X	1.93280	66.88809	119.09354	3.27787	0.1318151	0.26326498	2.4110561	20	2 26.2	19.4
260482 2005 CV ₃₂	17.5	X	13.99928	226.03014	23.94397	2.27393	0.1789776	0.27651697	2.3333946	20	7 6.8	19.2
260483 2005 CO ₃₈	17.4	X	148.79193	155.40116	333.70342	7.00728	0.1204875	0.28055983	2.3109243	20	7 18.7	20.8
260484 2005 CP ₄₂	17.9	X	3.54235	306.51730	8.15641	5.38472	0.0665004	0.28887477	2.2663639	20	9 18.1	20.0
260485 2005 CB ₄₇	17.0	X	111.43495	340.45447	140.99563	6.85321	0.0565126	0.27352978	2.3503523	20	5 17.7	20.1
260486 2005 CC ₅₁	17.4	X	157.67116	175.69596	290.22165	2.08801	0.1662567	0.27986694	2.3147370	20	6 26.6	21.0
260487 2005 CE ₅₈	16.6	X	70.47461	344.17217	164.61137	6.99383	0.0530023	0.27185919	2.3599712	20	4 27.4	19.4
260488 2005 CF ₅₈	15.3	X	254.09950	20.49078	162.73395	8.63732	0.1247816	0.17994820	3.1072131	20	—	—
260489 2005 CT ₆₂	17.3	X	145.24338	120.11549	16.04977	3.73076	0.1052748	0.28181803	2.3040410	20	7 23.7	20.5
260490 2005 CY ₆₆	16.9	X	82.30150	32.88859	108.56688	2.43672	0.1240133	0.27079237	2.3661654	20	5 14.7	19.6
260491 2005 CV ₇₃	15.4	X	234.64883	304.53924	133.40909	9.06879	0.1655279	0.16189655	3.3340926	20	7 29.5	20.6
260492 2005 CT ₇₈	17.2	X	139.03034	169.34574	281.53370	1.89654	0.1519143	0.27319433	2.3522759	20	5 17.3	20.7
260493 2005 EO ₂	16.5	X	116.52377	220.31860	290.54608	4.91294	0.1065907	0.27743234	2.3282592	20	7 9.3	19.7
260494 2005 EW ₄	16.4	X	108.35541	74.21360	154.11664	7.63147	0.1422020	0.28662354	2.2782155	20	10 19.9	19.8
260495 2005 EH ₆	16.8	X	53.48248	47.79513	161.01710	6.73384	0.0893557	0.27431757	2.3458503	20	7 1.9	19.5
260496 2005 EG ₉	16.8	X	90.93554	345.87704	245.21239	5.22342	0.1307188	0.28520099	2.2857849	20	9 28.7	20.0
260497 2005 EC ₁₀	17.2	X	118.42035	153.21259	341.44603	5.44924	0.0795243	0.27454691	2.3445438	20	6 15.3	20.4
260498 2005 EA ₁₄	16.8	X	213.27335	202.92389	25.43251	5.27899	0.2201018	0.23988791	2.5652546	20	—	—
260499 2005 EU ₁₇	17.3	X	76.02733	219.95209	355.69253	6.38318	0.0823740	0.27909946	2.3189785	20	8 16.6	20.2
260500 2005 EC ₁₉	17.9	X	178.21452	143.11862	356.71280	3.54661	0.0916263	0.28582200	2.2824728	20	9 4.2	21.0
260501 2005 EZ ₂₂	17.2	X	156.48321	43.87948	171.21158	6.54907	0.1258789	0.29409559	2.2394621	20	11 20.1	20.5
260502 2005 ED ₂₃	17.4	X	74.71612	225.52974	343.41120	1.66451	0.1443014	0.27783574	2.3260050	20	8 10.1	20.1
260503 2005 EJ ₂₃	17.3	X	21.73679	335.59233	301.37638	2.12748	0.0807323	0.28134186	2.3066400	20	8 24.5	19.7
260504 2005 EL ₃₂	15.7	X	14.40298	225.11439	170.39187	8.74515	0.0423773	0.17344611	3.1843907	20	12 20.9	20.2
260505 2005 EX ₃₂	16.5	X	100.11181	141.37116	76.03224	10.43883	0.1904600	0.28271382	2.2991714	20	10 3.5	20.2
260506 2005 EL ₄₅	17.3	X	331.00956	250.39446	309.17820	1.40016	0.1501253	0.25921768	2.4360880	20	1 21.1	20.2
260507 2005 EB ₅₀	17.1	X	150.40790	204.70115	24.72528	4.68987	0.1074753	0.29465290	2.2366373	20	11 30.9	20.2
260508 Alagna	17.0	X	92.04759	329.81096	172.84440	4.89330	0.2348288	0.27160060	2.3614689	20	6 15.0	20.3
260509 2005 EJ ₅₅	17.3	X	21.69821	86.29294	190.12402	2.14246	0.1775918	0.27853042	2.3221359	20	9 4.6	19.5
260510 2005 EG ₆₁	16.8	X	159.99404	240.51770	194.74701	9.64116	0.1730014	0.27416608	2.3467144	20	5 20.8	20.6
260511 2005 EF ₆₂	17.8	X	296.09656	36.34479	75.74657	2.65760	0.1493593	0.30540777	2.1838157	20	—	—
260512 2005 EL ₆₄	17.3	X	50.13380	55.68461	166.23563	2.75491	0.1049557	0.27544835	2.3394258	20	7 19.0	20.0
260513 2005 ET ₇₁	17.1	X	151.75904	191.41183	33.27418	5.26951	0.2627204	0.29356931	2.2421377	20	11 19.9	20.9
260514 2005 EV ₇₄	16.8	X	228.04467	89.46363	159.76470	6.09873	0.1949400	0.24477383	2.5310034	20	—	—
260515 2005 EK ₇₈	17.0	X	220.89274	298.28168	124.55325	5.52247	0.1136731	0.28133444	2.3066805	20	7 6.5	20.2
260516 2005 EB ₈₃	17.4	X	334.12523	284.78247	318.82328	3.05274	0.1510859	0.26418250	2.4054704	20	3 26.2	19.8
260517 2005 EA ₉₂	17.5	X	214.22108	98.91494	83.81108	4.08600	0.1216537	0.29787121	2.2204979	20	12 13.4	20.1
260518 2005 EJ ₉₂	17.1	X	179.77527	43.17245	163.83978	5.92978	0.1056969	0.29522397	2.2337521	20	12 6.0	20.2
260519 2005 ED ₉₅	17.1	X	87.99970	208.61714	40.44540	6.88151	0.0533190	0.28783311	2.2718285	20	10 15.5	20.0
260520 2005 EV ₉₇	17.0	X	346.67948	322.83080	258.21289	2.59864	0.1521287	0.26482130	2.4016005	20	3 15.4	19.3
260521 2005 ED ₉₉	17.2	X	105.34064	198.86639	250.76631	2.26893	0.0807370	0.26616858	2.3934895	20	3 26.4	20.2
260522 2005 EV ₁₀₁	17.0	X	337.87880	289.57025	355.98077	2.36212	0.0829716	0.27067958	2.3668226	20	6 15.0	19.4
260523 2005 EA ₁₀₉	17.0	X	85.56069	313.98141	261.88912	5.69818	0.0788216	0.28215984	2.3021798	20	8 24.6	20.0
260524 2005 EL ₁₁₅	17.2	X	240.41047	110.80190	167.12971	6.98248	0.1566387	0.25291177	2.4764146	20	1 17.7	21.2
260525 2005 EK ₁₁₆	17.1	X	335.31420	16.39941	164.80166	4.68631	0.0320732	0.25525800	2.4612165	20	1 19.9	20.3
260526 2005 EV ₁₁₇	17.3	X	183.37490	308.20347	150.26317	3.08441	0.1156710	0.27962865	2.3160518	20	7 12.6	20.6
260527 2005 EN ₁₂₁	17.1	X	56.69697	325.81323	160.05274	6.60135	0.1031608	0.26202941	2.4186296	20	3 9.2	19.6
260528 2005 EU ₁₂₆	17.2	X	145.58650	11.11196	187.09575	5.50362	0.1182178	0.28652224	2.2787525	20	10 15.9	20.5
260529 2005 EL ₁₃₂	17.9	X	276.98568	306.16572	200.03354	4.37180	0.0815622	0.30587008	2.1816147	20	—	—
260530 2005 EX ₁₃₃	17.3	X	323.25059	145.13434	117.50944	3.38824	0.1657936	0.26659489	2.3909372	20	4 5.1	19.7
260531 2005 EV ₁₃₉	17.1	X	165.78399	75.05708	62.28059	3.26985	0.1435642	0.28153285	2.3055966	20	8 17.1	20.6
260532 2005 EO ₁₄₀	17.3	X	125.18709	250.67180	334.32741	5.60301	0.1179202	0.29364249	2.2417651	20	10 27.7	20.0
260533 2005 EF ₁₄₃	16.9	X	172.11299	44.39890	153.26649	5.29303	0.1146198	0.29216374	2.2493231	20	11 14.5	20.1
260534 2005 EB ₁₄₅	17.4	X	48.50861	243.89747	12.14355	4.79760	0.1220599	0.27937621	2.3174468	20	9 10.7	20.0
260535 2005 EA ₁₄₈	17.0	X	163.09134	113.55915	148.95330	4.72024	0.2231673	0.23354341	2.6115056	20	—	—
260536 2005 EG ₁₅₀	17.0	X	164.19344	110.04950	48.03741	5.41144	0.0692992	0.28407231	2.2918355	20	9 15.8	20.1
260537 2005 ER ₁₅₀	16.6	X	282.58374	33.28066	111.53204	5.05775	0.0201674	0.23736707	2.5833846	20	—	—
260538 2005 ED ₁₅₂	17.6	X	271.46664	142.61793	104.35992	2.18480	0.1540718	0.25155885	2.4852857	20	1 10.9	21.4
260539 2005 EB ₁₅₄	16.1	X	168.32363	232.87183	1.79698	12.25614	0.2074937	0.23080002	2.6321592	20	12 6.7	20.8
260540 2005 EJ ₁₅₄	17.4	X	149.90599	309.82780	182.53885	1.87047	0.1374154	0.27852173	2.3221842	20	7 22.9	20.8
260541 2005 EG ₁₆₀	17.1	X	130.26358	321.41351	113.09718	1.55093	0.1886778	0.26565870	2.3965510	20	4 21.3	20.5
260542 2005 EU ₁₆₀	17.3	X	193.11956	215.19279	30.28352	3.55922	0.2530315	0.23570686	2.5955012	20	—	—
260543 2005 EE ₁₆₅	16.9	X	172.63593	352.56411	117.19336	1.42345	0.1478228	0.28004137	2.3137757	20	7 16.3	20.4
260544 2005 EE ₁₇₇	17.3	X	181.18417	237.04649	191.36201	2.12783	0.1754488	0.27232091	2.3573029	20	5 30.7	21.1
260545 2005 ET ₁₈₀	15.3	X	173.74135	69.03774	150.09733	9.64877	0.0464948	0.17394125	3.1783447	20	11 25.9	20.2
260546 2005 EG ₁₈₁	17.0	X	34.89782	239.43075	1.43689	5.65304	0.1388944	0.27749465	2.3279107	20	7 30.9	19.3
260547 2005 EP ₁₈₂	16.5	X	56.79229	316.91194	350.12252	6.74964	0.1548901	0.28958565	2.2626534	20	12 4.5	19.7
260548 2005 ED ₁₈₅	17.3	X	322.75677	273.01690	349.78811	5.98011	0.0975258	0.26353922	2.4093832	20	4 11.5	19.9
260549 2005 EK ₁₈₅	16.3	X	211.15913	261.49640	323.52032	11.55977	0.2071285	0.23733959	2.5835840	20	—	—
260550 2005 EE ₁₈₇	17.6	X	56.52050	36.96758	216.75193	1.50116	0.1286124	0.27853767	2.3220956	20	9 17.8	20.5
260551 2005 EN ₁₈₇	17.4	X	65.42062	309.43045	204.16372	1.94246	0.1309558	0.26587791	2.3952336	20	5 7.2	20.0
260552 2005 ED ₁₈₈	17.1	X	295.53527	131.27235	197.97536	6.37189	0.1264347	0.26989423	2.3714118	20	6 2.5	19.8
260553 2005 EF ₁₉₄	17.7	X	284.46138	100.67272	188.34636	5.55855	0.0982097	0.26358512	2.4091035	20	3 25.1	20.7
260554												

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
260561	2005	EE ₂₁₂	16.9	X	239.17622	311.28640	158.23952	6.62935	0.0579371	0.29059244	2.2574242	20	10 17.5	19.6
260562	2005	EL ₂₁₂	17.3	X	46.56673	199.40852	21.14853	4.41573	0.1200626	0.27548646	2.3392100	20	7 15.4	19.8
260563	2005	EV ₂₁₆	17.1	X	328.18612	157.41673	58.57822	4.50098	0.1823115	0.25974331	2.4328003	20	2 4.7	19.8
260564	2005	EH ₂₂₀	17.5	X	155.59450	63.78768	123.44928	2.40369	0.1354305	0.28853112	2.2681631	20	10 12.4	20.8
260565	2005	ET ₂₂₃	17.3	X	46.20972	116.21052	129.56219	2.55434	0.1422583	0.27544377	2.3394517	20	8 25.2	19.9
260566	2005	ET ₂₄₃	17.6	X	313.91063	270.24652	15.55103	5.68245	0.1270145	0.26729108	2.3867837	20	4 26.8	20.2
260567	2005	EC ₂₅₁	16.5	X	156.43486	40.86344	194.20823	12.85638	0.2037766	0.23037041	2.6354306	20	11 30.8	21.1
260568	2005	EW ₂₅₈	17.7	X	296.35443	305.77865	305.79790	1.40049	0.1746647	0.25619571	2.4552072	20	2 9.3	21.1
260569	2005	EM ₂₅₉	18.0	X	244.61586	223.92706	270.54262	1.30564	0.0907959	0.29507941	2.2344816	20	11 23.4	20.4
260570	2005	EE ₂₆₃	17.3	X	90.73757	301.44663	193.80987	4.22315	0.1375335	0.26953658	2.3735091	20	5 20.1	20.3
260571	2005	EJ ₂₆₃	17.2	X	104.85665	67.52228	188.42788	4.91196	0.1710819	0.28859032	2.2678529	20	11 20.8	20.7
260572	2005	ET ₂₆₃	17.5	X	142.44209	181.74392	295.59624	3.10740	0.1126825	0.27871704	2.3210992	20	6 23.6	20.7
260573	2005	EX ₂₆₅	17.5	X	61.85803	323.33472	247.39288	1.17622	0.1707536	0.27340459	2.3510698	20	7 31.9	20.1
260574	2005	EO ₂₆₆	17.0	X	51.13553	214.18169	8.05186	4.79270	0.1707259	0.27300863	2.3533425	20	7 18.2	19.7
260575	2005	EZ ₂₆₇	17.4	X	119.93371	241.45134	223.59779	1.48056	0.1652350	0.269955000	2.3734304	20	5 17.5	20.8
260576	2005	EN ₂₆₈	17.0	X	197.33599	342.03151	256.73707	2.01114	0.1598526	0.23680619	2.5874622	20	—	—
260577	2005	EM ₂₆₉	16.5	X	248.02262	238.60754	12.59277	12.04533	0.0690949	0.24706575	2.15153264	20	—	—
260578	2005	EE ₂₇₀	17.0	X	238.02128	21.48814	100.43809	6.17034	0.1111333	0.29227947	2.2487293	20	10 25.9	19.7
260579	2005	ES ₂₇₄	17.4	X	204.20081	56.32909	127.28087	3.05219	0.0816056	0.29657835	2.2269464	20	12 7.5	20.0
260580	2005	EZ ₂₇₄	17.7	X	155.93155	252.82324	290.01797	3.17168	0.1741570	0.28971502	2.2619797	20	10 3.3	21.3
260581	2005	EY ₂₇₅	17.0	X	120.42494	298.79116	316.35634	2.98482	0.1335893	0.29249528	2.2476230	20	12 2.8	20.3
260582	2005	ES ₂₇₈	16.8	X	56.87572	42.68077	214.73597	5.36908	0.0786770	0.28046289	2.3114568	20	9 14.4	19.7
260583	2005	EU ₂₈₃	17.4	X	111.06588	17.16504	114.80847	3.10960	0.1546625	0.27249184	2.3563170	20	6 12.0	20.6
260584	2005	EO ₂₈₅	17.4	X	10.71255	292.56027	318.61758	1.95983	0.1490476	0.27117887	2.3639166	20	6 27.3	19.4
260585	2005	EJ ₂₈₇	17.4	X	99.86813	118.48738	24.60037	1.62566	0.1298082	0.27125483	2.36324753	20	6 10.2	20.3
260586	2005	EK ₂₉₂	17.1	X	197.73335	93.76192	103.56748	4.53193	0.1072333	0.29608985	2.2293951	20	12 13.9	19.9
260587	2005	EP ₃₀₆	17.1	X	265.51494	118.76714	163.64309	3.36011	0.1786760	0.26175837	2.4202989	20	2 13.8	20.6
260588	2005	EE ₃₀₈	17.5	X	322.88252	153.84595	197.60405	1.49100	0.1469701	0.28432921	2.2904549	20	8 28.3	19.4
260589	2005	EY ₃₁₀	17.9	X	114.49840	241.38807	3.79861	2.24408	0.1332911	0.29256878	2.2472466	20	11 14.1	21.2
260590	2005	ER ₃₁₂	17.7	X	94.73257	49.46380	193.08628	3.00884	0.0621431	0.28789823	2.2714859	20	10 14.9	20.6
260591	2005	EO ₃₂₄	17.2	X	171.86883	267.00578	38.61969	14.20187	0.1953151	0.23904643	2.5712711	20	—	—
260592	2005	EM ₃₂₅	17.5	X	4.07646	268.10079	13.11501	10.49994	0.0872361	0.27485136	2.3428121	20	8 1.7	20.1
260593	2005	FA ₄	16.4	X	308.25024	221.94838	45.17541	10.44999	0.1434124	0.26203502	2.4185950	20	3 25.9	19.4
260594	2005	FQ ₆	16.7	X	131.39724	47.58329	82.51537	7.45886	0.0649677	0.27382428	2.3486668	20	6 24.0	19.7
260595	2005	FR ₇	16.2	X	213.08204	34.77588	156.64750	13.24696	0.1239390	0.23409314	2.6074156	20	12 9.6	20.1
260596	2005	FG ₁₁	16.7	X	133.54270	109.24428	78.46558	6.15442	0.1052844	0.28586982	2.2822182	20	9 21.9	20.0
260597	2005	FM ₁₁	17.0	X	269.28291	23.87402	108.65257	6.56559	0.1039038	0.29655569	2.2270598	20	12 30.5	18.9
260598	2005	GO ₁	16.6	X	123.97976	149.62325	44.49356	8.23327	0.1282504	0.28624912	2.2802017	20	9 21.5	20.0
260599	2005	GJ ₅	16.3	X	339.66618	5.59818	77.35850	5.92672	0.0407538	0.23483191	2.6019442	20	—	—
260600	2005	GE ₆	17.2	X	89.26663	231.60903	75.45184	4.81991	0.1603419	0.29147698	2.2528548	20	—	—
260601	Wesselényi		18.4	X	283.31417	64.37926	56.05407	3.02841	0.0963924	0.30108129	2.2046866	20	—	—
260602	2005	GJ ₁₂	17.0	X	5.16937	114.54322	100.27840	2.24540	0.1354449	0.26355085	2.4093123	20	4 16.9	19.1
260603	2005	GY ₁₂	16.9	X	99.51994	131.77885	96.10020	4.61142	0.1739737	0.28162038	2.3051189	20	10 11.7	20.3
260604	2005	GE ₁₃	16.7	X	26.72377	137.77054	81.88121	3.34847	0.1636415	0.26807830	2.3821089	20	6 11.4	18.5
260605	2005	GS ₁₅	17.7	X	7.19250	348.71636	67.65429	1.03515	0.0323815	0.30382302	2.1914400	20	—	—
260606	2005	GT ₁₆	17.8	X	182.11709	23.29594	188.40728	2.40209	0.1602672	0.29567295	2.2314902	20	12 8.5	20.8
260607	2005	GY ₁₈	17.5	X	171.60370	93.99303	19.48861	3.49353	0.1156792	0.27899346	2.3195658	20	7 21.6	20.8
260608	2005	GN ₁₉	16.8	X	214.21630	217.50933	22.33917	4.32881	0.2283956	0.23828071	2.5767768	20	—	—
260609	2005	GH ₂₀	17.8	X	184.17359	103.71662	64.34175	1.60377	0.1463477	0.28889230	2.2662722	20	10 15.3	21.1
260610	2005	GN ₂₃	16.7	X	107.08163	144.07175	35.53526	6.26108	0.1618923	0.27682094	2.3316861	20	8 15.6	20.2
260611	2005	GY ₂₄	18.3	X	259.13987	86.79591	6.41513	3.85101	0.1226469	0.29281791	2.2459717	20	10 10.8	20.5
260612	2005	GH ₂₈	17.3	X	30.17074	245.90519	357.26505	2.37874	0.1927436	0.27121946	2.3636807	20	8 2.1	19.4
260613	2005	GM ₂₈	14.1	X	201.00026	133.86047	330.38121	6.54114	0.0784605	0.12345034	3.9946112	20	1 9.0	20.1
260614	2005	GU ₂₉	16.8	X	91.47382	175.48323	39.99605	7.56676	0.0528020	0.28090408	2.3090359	20	9 4.5	19.8
260615	2005	GL ₃₅	16.5	X	355.38878	85.95820	192.19898	1.52716	0.0285534	0.21172682	2.7879531	20	7 2.0	20.0
260616	2005	GK ₄₀	17.6	X	122.11374	130.48931	40.00014	3.04052	0.1646671	0.27792310	2.3255175	20	8 17.8	21.1
260617	2005	GD ₄₂	17.4	X	191.56112	345.99280	165.28930	5.17823	0.1005438	0.29360570	2.2419524	20	10 6.5	20.4
260618	2005	GU ₄₅	17.7	X	353.94538	101.08283	333.62755	1.92182	0.0556777	0.30436802	2.1887864	20	—	—
260619	2005	GU ₄₈	17.2	X	116.90166	182.20835	35.38102	6.87860	0.0927337	0.28376370	2.2934969	20	10 10.4	20.3
260620	2005	GX ₄₈	17.6	X	49.71295	59.34156	162.33989	2.47242	0.1608255	0.27169627	2.3609145	20	7 27.5	20.2
260621	2005	GS ₅₈	17.5	X	102.83575	137.77723	95.59158	4.47998	0.1970762	0.28263118	2.2996196	20	10 23.1	21.1
260622	2005	GY ₆₂	17.0	X	199.18089	87.63051	82.98181	6.28655	0.0977920	0.29523885	2.2336770	20	11 12.0	19.8
260623	2005	GV ₇₁	16.8	X	156.74798	258.68128	177.15594	5.36492	0.1885112	0.27212932	2.3584092	20	5 18.9	20.6
260624	2005	GA ₇₄	16.1	X	130.10758	172.23900	102.00912	12.06864	0.1988529	0.22709264	2.6607292	20	12 24.1	20.6
260625	2005	GV ₇₄	16.8	X	130.67627	3.27365	138.16632	2.57980	0.1414640	0.27545857	2.3393679	20	7 15.2	20.2
260626	2005	GM ₇₅	16.7	X	93.71557	136.08258	59.24748	3.76469	0.1458938	0.27635345	2.3343150	20	8 19.1	19.9
260627	2005	GW ₇₆	17.1	X	139.03111	265.69616	31.76671	8.08944	0.2324298	0.23246743	2.6195578	20	—	—
260628	2005	GX ₇₇	16.2	X	167.53239	212.10123	93.43123	10.88612	0.0805861	0.24311687	2.5424904	20	—	—
260629	2005	GL ₈₀	17.2	X	342.01547	206.94095	77.52203	5.51503	0.1416126	0.26787608	2.3833076	20	6 17.7	19.3
260630	2005	GA ₉₅	17.3	X	8.07078	161.29202								

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ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
260641	2005	GQ ₁₃₀	16.0	X	288.32457	45.62765	125.21726	15.54168	0.2112715	0.24191915	2.5508752	20	—	—
260642	2005	GE ₁₃₂	16.6	X	153.24425	236.05613	55.93704	5.35998	0.0904756	0.23705792	2.5856301	20	—	—
260643	2005	GR ₁₃₅	17.2	X	18.19048	95.84439	155.67608	7.25907	0.0943621	0.26928893	2.3749641	20	7 6.8	19.7
260644	2005	GY ₁₃₆	16.8	X	101.11916	52.49937	88.33790	7.32116	0.0572657	0.26668913	2.3903739	20	5 29.7	19.9
260645	2005	GA ₁₃₈	17.4	X	308.43065	99.03812	222.81314	5.53462	0.1290150	0.26784657	2.3834826	20	6 12.2	19.8
260646	2005	GD ₁₃₈	17.5	X	181.98894	299.38173	79.84191	2.63491	0.0579139	0.25993546	2.4316012	20	3 27.7	20.8
260647	2005	GK ₁₃₉	16.8	X	74.67116	82.22634	88.97378	4.48600	0.0910483	0.26785236	2.3834483	20	6 9.6	19.7
260648	2005	GY ₁₄₂	16.6	X	247.08173	307.69170	230.96414	7.10088	0.0596668	0.23637139	2.5906343	20	—	—
260649	2005	GT ₁₄₄	16.6	X	302.30458	324.52666	267.92620	9.79479	0.1955110	0.25378414	2.4707363	20	1 18.7	20.1
260650	2005	GG ₁₅₁	17.7	X	146.30792	25.67646	99.10770	3.06493	0.1633997	0.27378173	2.3489101	20	7 10.3	21.1
260651	2005	GM ₁₅₁	17.0	X	344.12179	157.56054	91.41655	3.06814	0.1663904	0.26216046	2.4178235	20	4 24.5	19.0
260652	2005	GY ₁₅₂	17.3	X	139.16806	144.28459	61.37952	6.04691	0.1092199	0.28518523	2.2858691	20	10 20.2	20.5
260653	2005	GF ₁₆₁	16.5	X	33.00117	87.26725	124.02946	6.24432	0.0825014	0.26789601	2.3831894	20	6 1.6	19.0
260654	2005	GN ₁₆₁	16.8	X	43.58349	41.39553	154.07033	8.33852	0.1125251	0.26723288	2.3871303	20	5 31.7	19.5
260655	2005	GV ₁₆₆	17.2	X	326.40073	359.89543	32.77366	6.95281	0.1061238	0.28754963	2.2733214	20	11 11.1	19.2
260656	2005	GW ₁₈₀	17.3	X	269.09684	142.63609	145.59174	2.80875	0.2035215	0.25573502	2.4581549	20	2 23.4	20.9
260657	2005	GB ₁₈₂	16.8	X	230.75635	354.64537	243.50122	5.08397	0.1651196	0.24103228	2.5571287	20	—	—
260658	2005	GB ₂₁₅	17.3	X	25.19073	296.19102	312.50458	0.85438	0.1514015	0.27047175	2.3680349	20	7 24.2	19.4
260659	2005	GO ₂₁₇	17.4	X	319.26901	18.05433	51.77277	2.12614	0.1725057	0.29800753	2.2198207	20	—	—
260660	2005	GX ₂₂₃	16.3	X	121.25976	222.01604	74.81396	6.21483	0.1966167	0.22992771	2.6388123	20	—	—
260661	2005	HE ₂	16.9	X	129.91244	71.97164	205.64587	12.38806	0.2467712	0.22553158	2.6729929	20	12 26.6	21.9
260662	2005	HV ₄	16.5	X	322.86925	178.60369	88.26221	7.36039	0.1762832	0.26036055	2.4289538	20	4 11.9	19.1
260663	2005	HY ₅	17.0	X	350.42722	133.13167	109.67117	6.83449	0.1251120	0.26115697	2.4240131	20	5 3.7	19.4
260664	2005	HC ₉	17.3	X	9.44967	18.44655	228.40456	3.46454	0.1501248	0.26725777	2.3869821	20	6 16.9	19.3
260665	2005	JM ₉	16.2	X	186.75220	77.54449	133.72717	13.35400	0.1193826	0.22682467	2.6628244	20	12 5.4	20.5
260666	2005	JQ ₄	17.4	X	93.31000	162.32776	66.52427	4.77929	0.1914487	0.27922454	2.3182859	20	10 7.7	21.0
260667	2005	JE ₄	17.2	X	78.91753	1.68648	210.05768	3.77570	0.1947144	0.27327658	2.3518039	20	8 26.8	20.5
260668	2005	JH ₄	17.2	X	35.12701	100.27109	109.71194	3.18912	0.1302123	0.26448562	2.4036322	20	6 8.5	19.6
260669	2005	JX ₆	17.2	X	239.63506	348.16990	32.93765	7.26619	0.1472497	0.27019348	2.3696606	20	5 26.7	20.6
260670	2005	JD ₉	17.5	X	267.56318	169.91590	191.11914	0.93555	0.1976004	0.26944244	2.3740620	20	5 27.0	20.7
260671	2005	JT ₂₁	17.5	X	293.33212	94.63800	178.07952	2.28926	0.1817525	0.25766204	2.4458834	20	3 2.8	20.6
260672	2005	JV ₃₃	16.6	X	185.06661	319.79508	227.14583	8.98048	0.1260949	0.22351244	2.6890668	20	10 30.9	20.7
260673	2005	JG ₃₇	16.6	X	167.17498	16.09845	270.58890	2.39135	0.2320346	0.23368006	2.6104875	20	—	—
260674	2005	JA ₂	17.3	X	248.28921	20.87292	64.10668	4.15073	0.0964273	0.28232229	2.3012966	20	9 17.6	20.1
260675	2005	JO ₄₄	16.7	X	325.65956	197.85056	66.47498	4.64411	0.1592177	0.26002996	2.4310121	20	4 13.6	19.1
260676	2005	Evethuriere	17.0	X	295.79177	43.69922	147.31085	2.61218	0.1232065	0.24562747	2.5251359	20	—	—
260677	2005	JZ ₄₉	17.0	X	334.82528	26.63318	67.65260	7.61681	0.1341067	0.30095618	2.2052976	20	—	—
260678	2005	JY ₅₆	16.9	X	121.70120	150.95297	145.47875	13.90756	0.2902942	0.22423876	2.6832569	20	—	—
260679	2005	JZ ₅₆	17.9	X	336.01895	60.26580	134.58795	1.42502	0.1527364	0.25527099	2.4611329	20	1 22.4	20.4
260680	2005	JB ₅₉	17.1	X	80.69676	109.36170	204.72819	5.53837	0.1314115	0.29412588	2.2393083	20	—	—
260681	2005	JP ₅₉	17.1	X	163.22901	310.14810	180.71626	6.20170	0.0408135	0.27427399	2.3460988	20	8 2.4	20.2
260682	2005	JP ₆₂	16.9	X	188.44407	40.85157	230.81530	6.48110	0.1834773	0.23570136	2.5955416	20	—	—
260683	2005	JU ₆₅	16.8	X	191.89506	203.48110	329.38540	5.49340	0.0884219	0.28829304	2.2694116	20	11 1.9	19.9
260684	2005	JE ₇₂	17.5	X	111.71095	47.44279	185.42732	4.04978	0.1477614	0.28503170	2.2866899	20	10 27.3	21.0
260685	2005	JF ₇₇	17.4	X	187.53019	31.30879	178.04106	5.73343	0.0713350	0.29777042	2.2209989	20	12 22.3	20.2
260686	2005	JW ₇₇	17.5	X	359.48133	194.51829	55.87804	6.30393	0.1882993	0.26521937	2.3991969	20	5 30.3	19.3
260687	2005	JA ₇₉	16.7	X	170.75702	189.84967	12.49786	1.50517	0.0252822	0.22280971	2.6947179	20	11 10.1	20.3
260688	2005	JE ₉₁	16.7	X	182.94059	82.95983	238.38399	13.40438	0.1307701	0.24303584	2.5430555	20	1 15.9	20.8
260689	2005	JR ₉₃	16.1	X	206.35367	259.47110	46.88248	11.86594	0.2648414	0.24125710	2.5555398	20	1 27.7	20.9
260690	2005	JZ ₉₇	17.0	X	234.76429	57.79759	66.11369	10.65680	0.1021997	0.28760061	2.2730527	20	10 25.4	19.8
260691	2005	JP ₉₈	16.8	X	236.40882	300.96052	143.43309	7.07768	0.1200442	0.27781390	2.3261269	20	8 24.9	19.7
260692	2005	JF ₉₉	17.5	X	25.50225	88.17870	145.95555	1.78166	0.1334874	0.26890759	2.3772089	20	6 28.4	19.8
260693	2005	JY ₁₀₁	16.6	X	69.04831	239.44889	117.58635	10.62591	0.2010949	0.22587223	2.6703047	20	—	—
260694	2005	JM ₁₀₅	16.9	X	337.89752	216.80086	31.84952	5.01202	0.1590187	0.26171215	2.4205838	20	4 11.3	18.9
260695	2005	JS ₁₀₆	16.9	X	139.41777	66.96407	126.42916	6.78691	0.0459639	0.28381714	2.2932090	20	10 4.6	19.9
260696	2005	JT ₁₁₁	16.6	X	300.90325	223.34008	70.29536	7.65792	0.1331076	0.26060553	2.4274314	20	4 21.2	19.5
260697	2005	JV ₁₁₁	17.3	X	33.87334	30.80569	235.79364	4.73216	0.1710682	0.27352763	2.3503647	20	9 6.9	20.0
260698	2005	JC ₁₁₈	16.7	X	287.90879	214.18578	108.37308	7.21518	0.1333323	0.26175319	2.4203308	20	5 12.8	19.7
260699	2005	JD ₁₁₉	16.5	X	128.63603	80.76258	158.95153	5.08642	0.0575697	0.22056352	2.7129821	20	11 9.4	20.4
260700	2005	JF ₁₂₀	17.1	X	297.81778	133.77206	149.18958	3.94359	0.1523146	0.25717690	2.4489584	20	3 28.4	20.2
260701	2005	JV ₁₂₀	13.3	X	17.68102	124.10641	216.40359	18.22998	0.0503361	0.08609049	5.0796360	20	10 2.8	20.0
260702	2005	JZ ₁₂₀	17.0	X	102.04663	287.21912	171.82234	5.33048	0.1651040	0.25807495	2.4432739	20	4 19.9	20.3
260703	2005	JP ₁₂₆	15.9	X	230.69979	324.75845	12.95623	8.49925	0.3185601	0.25174307	2.4840731	20	3 17.0	20.4
260704	2005	JD ₁₃₀	17.6	X	164.76901	46.22873	100.74408	3.43428	0.1064487	0.27914631	2.3187190	20	8 29.3	20.8
260705	2005	JA ₁₃₃	17.0	X	119.04417	74.85666	201.11780	8.72042	0.0955845	0.22396989	2.6854040	20	12 13.9	21.2
260706	2005	JQ ₁₃₃	16.8	X	353.30719	198.84033	86.35254	7.84055	0.1111736	0.26794311	2.3829101	20	7 14.3	19.0
260707	2005	JW ₁₃₆	17.5	X	190.55127	25.00802	101.40680	6.87847	0.1366193	0.28319259	2.2965794	20	8 29.7	20.9
260708	2005	JG ₁₄₃	16.5	X	266.51886	156.04882	163.55500	3.30155	0.2014510	0.25575674	2.4580157	20	4 1.2	20.0
260709	2005	JQ ₁₄₄	16.5	X	155.46496	235.15255	68.44623	12.68305	0.1907636	0.23290050	2.6163094	20	—	—
260710	2005	JB ₁₄₅	17.0	X	251.38129	99.58306	214.53980	3.998						

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
260721	2005	KL ₁	16.7	X	222.07485	4.25868	147.50917	4.27404	0.1241654	0.22461561	2.6802548	20	10 29.2	20.5
260722	2005	KP ₄	17.1	X	112.21298	83.77286	96.31467	5.98221	0.0529661	0.27344181	2.3508564	20	8 9.4	20.1
260723	2005	KL ₅	17.3	X	325.14348	339.90410	298.80501	0.58057	0.1271888	0.26251398	2.4156523	20	5 6.9	19.8
260724	2005	Malherbe	17.1	X	353.81823	108.64850	152.95167	6.20794	0.0971328	0.26367688	2.4085445	20	6 7.8	19.6
260725	2005	KL ₁₁	16.4	X	176.87366	157.23796	134.12530	8.40215	0.1823031	0.23411191	2.6072763	20	—	—
260726	2005	LQ ₂	13.5	X	355.32166	121.68336	231.63202	25.36210	0.0933842	0.08235246	5.2322081	20	9 14.7	20.3
260727	2005	LT ₂	17.0	X	266.53126	355.17303	154.34185	6.12201	0.0698573	0.29550875	2.2323168	20	—	—
260728	2005	LQ ₄	16.8	X	75.71492	342.91755	141.43813	6.07344	0.1513976	0.25894688	2.4377861	20	4 17.4	19.6
260729	2005	LA ₅	16.2	X	3.15078	340.35448	138.00234	5.90266	0.0504722	0.24282242	2.5445453	20	—	—
260730	2005	LN ₁₁	17.5	X	95.57287	351.34542	267.94373	3.95692	0.1190276	0.27760574	2.3272895	20	11 9.2	20.8
260731	2005	LO ₁₂	16.2	X	202.51480	161.83965	124.82670	27.11671	0.1767679	0.23901529	2.5714945	20	—	—
260732	2005	LN ₁₉	16.5	X	48.06547	206.51922	147.27707	6.81112	0.0924831	0.22252037	2.6970533	20	12 31.3	20.3
260733	2005	LV ₁₉	15.6	X	218.31956	163.26510	156.52680	15.52436	0.2032599	0.24317062	2.5421157	20	2 17.8	19.9
260734	2005	LZ ₁₉	16.0	X	275.30498	318.53795	68.47545	24.16058	0.2298242	0.27159055	2.3615272	20	7 6.9	19.2
260735	2005	LE ₂₂	17.1	X	303.58518	106.84348	180.04675	5.50325	0.1545120	0.25744674	2.4472469	20	4 10.3	20.1
260736	2005	LV ₂₇	16.8	X	246.74318	19.20074	201.77357	8.29401	0.1104367	0.23968984	2.5666677	20	—	—
260737	2005	LR ₃₀	16.5	X	61.87998	182.96125	104.96543	6.49496	0.0627165	0.27578548	2.3375188	20	11 4.3	19.5
260738	2005	LL ₄₀	16.5	X	128.99332	123.39335	271.97078	8.36401	0.2100201	0.23673624	2.5879719	20	2 29.5	20.6
260739	2005	LY ₄₀	17.0	X	196.96391	133.31645	104.04763	6.68203	0.0555363	0.29689431	2.2253661	20	—	—
260740	2005	LY ₄₄	16.9	X	297.06395	43.86408	247.59065	3.86935	0.1374984	0.25767666	2.4457909	20	4 7.5	20.0
260741	2005	LV ₄₅	16.5	X	74.88755	69.64315	216.43000	16.60354	0.1356506	0.21570209	2.7535934	20	11 13.1	20.5
260742	2005	LB ₄₆	16.5	X	156.12601	41.86064	194.31115	11.09645	0.0908682	0.22356896	2.6886135	20	12 3.9	20.7
260743	2005	LA ₄₉	16.2	X	11.76523	280.58824	99.38746	9.07072	0.1901416	0.22013087	2.7165357	20	12 31.2	19.4
260744	2005	LQ ₅₃	16.2	X	122.73682	260.64991	97.60318	15.89193	0.3122164	0.23205097	2.6226910	20	1 26.5	20.3
260745	2005	MN ₁	15.9	X	243.90246	357.95720	241.72130	12.64174	0.1196304	0.24052839	2.5606987	20	—	—
260746	2005	MU ₆	16.0	X	183.05458	78.46562	293.04070	11.69250	0.2025685	0.24283591	2.5444511	20	3 16.3	20.5
260747	2005	ML ₁₀	17.1	X	121.25432	114.58716	231.37785	14.18105	0.1582240	0.23369657	2.6103645	20	—	—
260748	2005	MO ₁₂	16.6	X	57.55249	328.02126	300.48265	6.29084	0.0948622	0.27014127	2.3699659	20	9 30.2	19.7
260749	2005	MZ ₁₂	16.0	X	199.56408	317.97627	297.83918	12.93661	0.1251332	0.22863462	2.6487526	20	—	—
260750	2005	MX ₁₆	16.8	X	177.79806	157.37932	232.34407	2.13366	0.1964862	0.24345700	2.5401218	20	4 8.7	21.1
260751	2005	MT ₁₉	17.1	X	225.64685	41.28532	220.07618	11.49230	0.1474138	0.23941537	2.5686289	20	—	—
260752	2005	MS ₂₁	17.0	X	227.73689	25.18749	297.31344	2.50217	0.1184716	0.24292365	2.5438384	20	3 2.9	20.7
260753	2005	MT ₂₂	16.8	X	215.92713	342.33401	127.02229	4.77932	0.1024455	0.26766703	2.3845483	20	9 4.9	20.0
260754	2005	MO ₂₅	17.0	X	151.88844	26.75840	297.71653	1.31015	0.2057181	0.22978723	2.6398877	20	1 1.5	21.2
260755	2005	MS ₂₈	17.2	X	59.46548	336.91184	238.76038	6.24930	0.1537594	0.26310013	2.4120632	20	7 29.8	20.3
260756	2005	MX ₂₉	16.6	X	330.42199	141.09310	157.37488	10.00518	0.0840437	0.19133132	2.9827167	20	6 19.5	20.6
260757	2005	MY ₃₃	16.1	X	314.71931	310.84434	265.74988	11.48536	0.2144965	0.24556051	2.5255949	20	1 12.1	19.4
260758	2005	MU ₃₄	17.0	X	189.42373	359.79705	305.02115	4.36734	0.1876910	0.23280621	2.6170158	20	1 9.5	21.4
260759	2005	MK ₄₁	16.2	X	92.04836	51.30131	303.00294	12.23612	0.2680344	0.22053805	2.7131910	20	—	—
260760	2005	MJ ₄₃	16.1	X	136.59870	126.88957	249.71728	13.96332	0.1519084	0.23408250	2.6074946	20	2 6.4	20.2
260761	2005	MB ₄₄	16.1	X	209.24970	121.32946	147.78680	13.47423	0.0790611	0.23186464	2.6240959	20	—	—
260762	2005	MK ₄₄	16.4	X	155.79855	27.49797	236.05457	4.21570	0.0871929	0.22799022	2.6537412	20	—	—
260763	2005	MS ₄₄	16.0	X	189.10845	232.47974	93.58391	15.48025	0.1849060	0.24134862	2.5548937	20	2 4.3	20.3
260764	2005	MO ₄₆	17.0	X	285.01289	342.20192	254.15611	5.04293	0.0592769	0.24182073	2.5515673	20	1 23.8	20.4
260765	2005	MF ₄₇	16.4	X	132.82096	75.25666	246.84406	8.22614	0.1267443	0.22493741	2.6776980	20	—	—
260766	2005	MZ ₄₈	15.9	X	189.05537	212.75870	115.57997	15.32938	0.1410154	0.23594747	2.5937364	20	2 4.9	20.0
260767	2005	MC ₄₉	16.2	X	197.06849	90.13413	283.61735	13.83472	0.1771869	0.24362286	2.5389688	20	3 29.6	20.7
260768	2005	ME ₄₉	16.6	X	202.66008	96.95665	266.83183	6.80620	0.1820677	0.24326367	2.5414674	20	3 26.1	20.9
260769	2005	MP ₅₀	16.3	X	153.88347	108.78802	129.16518	19.04790	0.0159594	0.21424810	2.7660375	20	12 7.4	20.5
260770	2005	NL	16.8	X	140.96344	4.75937	143.74561	8.24111	0.0633629	0.27131715	2.3631133	20	7 31.3	19.9
260771	2005	NJ ₃	16.6	X	62.76150	44.77192	139.24923	6.52830	0.0426952	0.25400342	2.4693142	20	6 3.4	19.7
260772	2005	NO ₃	16.4	X	268.15434	98.43723	130.25312	12.53989	0.1489380	0.23639126	2.5904891	20	—	—
260773	2005	NK ₅	16.6	X	115.13489	193.89089	124.11062	5.34543	0.0696963	0.22211216	2.7003569	20	—	—
260774	2005	NF ₈	17.0	X	192.70375	208.66167	172.90141	2.95071	0.1531175	0.24491912	2.5300023	20	4 12.4	20.9
260775	2005	NZ ₈	17.2	X	143.23537	295.13596	279.53823	3.26625	0.1945042	0.27814742	2.3242671	20	10 30.9	20.9
260776	2005	NB ₉	16.9	X	137.56491	280.00003	294.94764	6.57351	0.0864497	0.27473127	2.3434948	20	10 23.8	20.4
260777	2005	NQ ₁₀	16.4	X	38.43929	167.95882	121.54433	3.72782	0.2023002	0.20531865	2.8456650	20	10 13.3	20.0
260778	2005	NN ₁₃	15.8	X	52.11743	258.28466	316.35528	8.87371	0.0446203	0.18722964	3.0261212	20	6 28.8	20.0
260779	2005	NJ ₁₆	16.7	X	149.84439	268.03323	66.33294	3.12426	0.1328808	0.23119595	2.6291533	20	1 4.0	20.4
260780	2005	NY ₃₂	16.9	X	226.42046	121.88085	288.63270	4.61297	0.0484270	0.25940066	2.4349422	20	7 2.9	20.0
260781	2005	NH ₃₄	16.5	X	240.12641	342.15531	307.06458	4.62278	0.1237194	0.24078887	2.5588517	20	2 4.0	20.3
260782	2005	NN ₃₄	16.5	X	130.83631	259.39061	325.69377	3.98613	0.1073615	0.21064880	2.7974568	20	10 21.5	20.8
260783	2005	NP ₃₉	16.4	X	107.63076	156.83148	104.47244	20.45537	0.2602401	0.21505793	2.7590892	20	11 27.1	21.5
260784	2005	NV ₃₉	16.3	X	140.52150	128.79392	293.98368	25.14712	0.2691531	0.24072775	2.5592848	20	4 10.2	21.3
260785	2005	NH ₄₀	16.6	X	78.04101	20.96333	289.16820	5.40629	0.0534299	0.21513258	2.7584509	20	12 5.7	20.6
260786	2005	NP ₄₀	16.2	X	44.49474	225.68102	121.79707	7.33723	0.0510445	0.21561869	2.7543034	20	12 12.4	20.0
260787	2005	NR ₄₀	17.0	X	147.06679	147.40778	264.97230	2.58407	0.2035025	0.24322407	2.5417433	20	4 9.7	21.2
260788	2005	NS ₄₀	16.5	X	53.30175	185.92723	130.73433	5.24559	0.0632767	0.21189008	2.7865209	20	11 16.7	20.4
260789	2005	NX ₄₂	17.1	X	146.00296	204.70050	280.76117	5.96259	0.0695861	0.25858980	2.4400298	20	7 5.6	20.4
260790	2005	NQ ₄₃	16.1	X	256.94791	272.72298	128.93332	6.79208	0.0992322	0.19618954</				

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
260801	2005	NW ₁₀₀	15.9	X	123.69707	212.77885	135.61481	12.76515	0.1928830	0.22443953	2.6816565	20	1 1.2	19.9
260802	2005	NG ₁₁₅	17.2	X	169.34653	321.95056	124.61014	2.93452	0.1325241	0.25559765	2.4590356	20	6 11.5	20.8
260803	2005	NY ₁₁₈	16.9	X	322.60041	145.83440	276.10424	3.43599	0.0582501	0.21352320	2.7722943	20	11 24.2	20.4
260804	2005	NU ₁₂₂	15.7	X	122.79057	264.88665	113.32515	13.39338	0.2109974	0.23036395	2.6354799	20	2 8.6	19.6
260805	2005	ND ₁₂₃	16.7	X	268.73087	324.10804	278.52440	3.01814	0.0482353	0.23323156	2.6138330	20	1 15.9	20.2
260806	2005	NH ₁₂₄	16.3	X	124.69369	297.91047	132.42358	28.77072	0.2760949	0.23726707	2.5841105	20	4 30.2	21.1
260807	2005	OM ₁	15.6	X	357.73725	315.01892	344.48244	5.63019	0.0818529	0.19633922	2.9317798	20	8 5.5	19.2
260808	2005	OR ₁	15.8	X	183.95051	271.78025	86.04390	15.75980	0.1591887	0.23878203	2.5731688	20	3 13.9	20.3
260809	2005	OT ₁	15.9	X	122.84271	259.02853	91.06646	25.11510	0.2431719	0.22564301	2.6721128	20	1 7.7	19.8
260810	2005	OR ₃	16.7	X	188.05070	197.90140	74.36922	7.65990	0.2979114	0.23059797	2.6336965	20	—	—
260811	2005	OW ₅	16.0	X	133.21283	271.75185	318.20009	7.73705	0.0886188	0.20886412	2.8133698	20	10 27.2	20.5
260812	2005	OZ ₆	15.9	X	286.01349	15.32755	346.78900	8.54960	0.1201582	0.18988116	2.9978838	20	7 3.9	20.0
260813	2005	OP ₉	16.7	X	179.29603	218.21536	98.92243	5.50030	0.2016112	0.23221084	2.6214871	20	1 16.2	21.0
260814	2005	OS ₁₀	16.1	X	232.34254	200.72464	102.73423	11.92875	0.1215940	0.23959378	2.5673536	20	2 17.1	20.1
260815	2005	OZ ₁₀	17.0	X	133.96867	268.98824	57.59037	15.52027	0.2864627	0.22643159	2.6659052	20	—	—
260816	2005	ON ₁₄	15.6	X	119.32713	328.98362	348.50340	16.58764	0.1494553	0.21845845	2.7303824	20	—	—
260817	2005	OR ₂₃	17.4	X	174.50313	89.55933	284.31834	7.50934	0.1816669	0.23896469	2.5718575	20	3 13.9	21.7
260818	2005	OT ₂₄	16.4	X	45.02250	210.49641	169.38112	13.53933	0.1506985	0.21614408	2.7498383	20	—	—
260819	2005	OR ₃₁	17.0	X	160.34753	86.38262	241.25061	4.42320	0.1403876	0.22988277	2.6391563	20	1 6.9	21.0
260820	2005	PF ₁₃	16.4	X	127.26764	267.89975	113.79360	7.99374	0.0975051	0.23134022	2.6280600	20	2 2.5	19.9
260821	2005	PG ₁₄	16.4	X	349.28570	350.41409	19.89715	3.11534	0.0650873	0.20447927	2.8534474	20	10 25.4	20.0
260822	2005	PU ₁₅	16.2	X	103.01299	176.02939	130.03156	12.52631	0.0726873	0.21496301	2.7599013	20	12 30.7	20.4
260823	2005	PT ₁₇	16.1	X	120.58326	262.98667	85.52732	16.21768	0.1904880	0.22422301	2.6833826	20	—	—
260824	2005	Hermanus	16.8	X	36.26279	354.67382	23.73065	5.11894	0.0925592	0.21138078	2.7909950	20	—	—
260825	2005	PD ₂₄	16.9	X	185.64979	153.98826	144.26473	1.29023	0.0287930	0.22489448	2.6780387	20	—	—
260826	2005	QB	16.1	X	57.62977	131.69014	231.29376	8.53658	0.2741581	0.21291924	2.7775344	20	—	—
260827	2005	QW ₆	16.4	X	231.26370	233.21321	140.79528	0.16150	0.1856022	0.18051955	3.1006533	20	5 8.3	21.4
260828	2005	QJ ₁₄	16.8	X	106.68444	248.36169	160.50273	13.02030	0.2556684	0.22897517	2.6461256	20	3 4.8	20.4
260829	2005	QT ₁₄	16.6	X	112.34460	162.12036	161.61818	9.18235	0.1507354	0.21919526	2.7242603	20	—	—
260830	2005	QQ ₁₄	16.2	X	91.80686	155.25632	150.35111	5.22379	0.0493122	0.21192523	2.7862127	20	12 15.5	20.3
260831	2005	QU ₂₁	16.3	X	100.53753	324.52534	339.79134	4.57135	0.1487595	0.21441883	2.7645690	20	12 30.7	20.7
260832	2005	QO ₂₃	17.1	X	76.82174	338.72461	13.33586	4.39770	0.0766079	0.21427490	2.7658068	20	—	—
260833	2005	QI ₂₅	16.0	X	217.89788	36.61243	103.96570	3.21001	0.0163831	0.20045765	2.8914851	20	10 19.6	19.9
260834	2005	QB ₂₇	16.8	X	49.00190	319.94020	54.17100	4.28271	0.1835791	0.21175343	2.7877195	20	—	—
260835	2005	QD ₂₉	16.5	X	130.07409	200.03209	168.50119	4.58865	0.0695361	0.22738411	2.6584550	20	1 15.8	20.1
260836	2005	QY ₃₄	16.7	X	198.03172	284.90928	345.91329	9.85718	0.2347309	0.22774493	2.6556463	20	—	—
260837	2005	QC ₃₉	16.9	X	82.38592	13.20154	320.96877	7.36650	0.2467812	0.21594093	2.7515627	20	—	—
260838	2005	QW ₄₁	16.4	X	179.29002	329.86760	331.34956	13.37102	0.1133968	0.22715679	2.6602282	20	—	—
260839	2005	QZ ₄₃	16.2	X	88.10061	171.84183	150.04081	10.03546	0.1529147	0.21415789	2.7668142	20	—	—
260840	2005	QO ₄₅	16.2	X	284.18946	355.04328	6.22456	7.20833	0.0940489	0.18838393	3.0137472	20	7 3.8	20.3
260841	2005	QI ₅₄	15.5	X	273.72505	136.25138	166.91212	9.87627	0.0620416	0.17761756	3.1343352	20	4 12.9	20.0
260842	2005	QF ₆₁	16.1	X	352.91831	57.26214	183.04974	9.66294	0.1172451	0.18322546	3.0700504	20	5 7.8	19.8
260843	2005	QO ₆₁	16.9	X	309.27673	122.57407	186.91391	11.03447	0.1188135	0.18672460	3.0315753	20	5 29.1	21.0
260844	2005	QS ₆₁	15.8	X	348.52009	351.87776	308.38380	9.06389	0.0755242	0.19153291	2.9806234	20	7 21.4	19.4
260845	2005	QB ₆₂	16.0	X	276.89199	212.98629	147.98907	9.50360	0.0539615	0.18789689	3.0189528	20	6 28.6	20.3
260846	2005	QR ₆₄	16.7	X	91.61661	264.35310	129.86904	4.55076	0.1407048	0.22466214	2.6798848	20	1 9.9	20.0
260847	2005	QY ₆₄	17.0	X	33.46227	132.04798	136.67627	6.63751	0.1778064	0.26177063	2.4202233	20	9 13.3	19.6
260848	2005	QK ₆₅	16.6	X	224.75577	202.65662	68.12787	4.55030	0.1722547	0.23040205	2.6351894	20	—	—
260849	2005	QT ₇₁	16.1	X	96.35019	137.83192	183.63591	5.05173	0.1641105	0.21468479	2.7622853	20	—	—
260850	2005	QB ₇₈	16.7	X	356.99174	40.58380	333.86167	1.25754	0.0785601	0.20309169	2.8664296	20	11 11.8	20.2
260851	2005	QC ₇₈	16.0	X	292.49557	10.07712	338.43191	8.34529	0.1443579	0.18710217	3.0274954	20	6 20.2	20.1
260852	2005	QH ₇₉	16.4	X	8.45270	23.22882	250.37100	5.41457	0.1069912	0.25920321	2.4361786	20	7 22.5	18.9
260853	2005	QT ₇₉	15.8	X	84.70126	63.73400	303.32020	11.42352	0.1273354	0.22005980	2.7171206	20	—	—
260854	2005	QP ₈₂	15.6	X	72.15913	124.11935	288.24225	14.16823	0.2010148	0.22297725	2.6933679	20	1 12.5	18.2
260855	2005	QH ₈₄	16.1	X	84.43043	138.18537	294.99474	12.31612	0.2290547	0.22712640	2.6604656	20	2 27.4	19.6
260856	2005	QJ ₈₅	15.5	X	312.09814	325.64903	344.26805	11.39412	0.1537432	0.18578884	3.0417462	20	5 24.3	19.5
260857	2005	QN ₈₅	16.1	X	286.31378	200.36438	174.73483	8.03236	0.0982969	0.19053831	2.9909869	20	7 22.3	20.1
260858	2005	QT ₈₅	15.8	X	108.26584	66.21181	336.28274	14.29477	0.1908267	0.22563432	2.6721815	20	2 19.9	19.5
260859	2005	QL ₈₆	16.9	X	171.68535	98.46506	182.07051	2.54846	0.0648330	0.21954595	2.7213586	20	—	—
260860	2005	QU ₈₉	17.2	X	282.54499	155.93796	168.50866	5.21118	0.1110869	0.25225147	2.4807343	20	5 10.8	20.5
260861	2005	QX ₈₉	16.5	X	191.87871	90.27406	163.52672	3.97621	0.1033377	0.22369199	2.6876276	20	—	—
260862	2005	QW ₉₀	16.3	X	29.30848	64.31540	358.39065	15.94591	0.2300197	0.21481204	2.7611943	20	—	—
260863	2005	QC ₉₂	16.3	X	49.93055	145.20091	199.46688	3.44960	0.1053899	0.20955744	2.8071610	20	12 20.9	20.2
260864	2005	QD ₉₃	16.8	X	86.65226	64.39950	42.40780	4.17586	0.1888503	0.23536662	2.5980019	20	4 14.6	20.0
260865	2005	QL ₉₆	16.8	X	176.90811	12.81411	15.03401	3.41531	0.0624667	0.24178833	2.5517953	20	4 2.1	20.2
260866	2005	QO ₉₇	15.9	X	15.20333	187.01299	127.33175	6.93209	0.0664748	0.19916504	2.9039824	20	9 22.2	19.6
260867	2005	QR ₉₉	16.7	X	52.62482	281.67791	215.16438	4.76038	0.1028650	0.23791300	2.5794311	20	3 18.9	19.7
260868	2005	QF ₁₀₁	16.3	X	21.10580	247.37609	292.27036	4.25927	0.1636581	0.24192587	2.5508280	20	3 25.3	18.7
260869	2005	QL ₁₀₂	16.5	X	4.65404	259.04742	278.54273	3.84027	0.1071834	0.23756045	2.5819825	20	2 22.5	19.3
260870	2005	QR ₁₀₂	16.8	X	134.42320	21.98670	296.94474	4.11660	0.0397479	0.22075781	2.7113900</			

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
260881 2005 <i>QP</i> ₁₃₃	17.0	X	112.36766	248.76714	11.67603	1.74974	0.0246562	0.20487881	2.8497364	20	11 9.6	20.9
260882 2005 <i>QR</i> ₁₃₄	16.3	X	278.41481	37.64259	359.36896	11.06988	0.0382928	0.19255007	2.9701172	20	8 23.2	20.4
260883 2005 <i>QT</i> ₁₃₄	16.7	X	107.08623	181.70634	167.30273	6.01429	0.1061278	0.21973376	2.7198077	20	—	—
260884 2005 <i>QL</i> ₁₃₈	16.9	X	180.57312	206.18243	81.40178	1.90212	0.1089280	0.22382705	2.6865463	20	—	—
260885 2005 <i>QG</i> ₁₄₂	16.0	X	267.99777	146.82359	191.32154	16.68344	0.1936569	0.18058263	3.0999313	20	5 1.7	20.7
260886 Henritudor	15.9	X	176.29100	253.38117	187.12117	26.01703	0.1693370	0.17665248	3.1457405	20	6 10.0	21.6
260887 2005 <i>QS</i> ₁₄₃	16.7	X	93.23903	177.82909	182.70092	5.84981	0.0636259	0.21929068	2.7234700	20	—	—
260888 2005 <i>QP</i> ₁₄₅	15.7	X	61.32194	141.68293	16.75982	13.30738	0.0894738	0.24315464	2.5422271	20	4 28.3	18.9
260889 2005 <i>QC</i> ₁₄₇	16.5	X	133.92781	242.25515	101.12687	6.77619	0.1994584	0.22640217	2.6661361	20	1 6.5	20.4
260890 2005 <i>QG</i> ₁₅₀	15.8	X	55.98732	265.37082	5.02066	8.05113	0.1149514	0.19706574	2.9245696	20	9 25.9	19.8
260891 2005 <i>QM</i> ₁₅₂	15.9	X	297.17387	37.21313	337.57924	9.37197	0.1463403	0.19462188	2.9490011	20	8 3.9	19.5
260892 2005 <i>QL</i> ₁₅₄	16.6	X	144.50776	225.36237	55.81060	8.97012	0.2935095	0.21946961	2.7219895	20	—	—
260893 2005 <i>QR</i> ₁₅₄	16.1	X	246.82876	31.83777	250.24486	12.49736	0.1415941	0.23784741	2.5799053	20	1 28.1	20.4
260894 2005 <i>QW</i> ₁₅₈	16.2	X	63.73568	257.65590	121.76453	9.94894	0.2454298	0.21625946	2.7488602	20	—	—
260895 2005 <i>QF</i> ₁₇₁	15.3	X	257.31538	98.58963	230.83316	7.62328	0.1183153	0.17802815	3.1295143	20	4 15.4	20.0
260896 2005 <i>QE</i> ₁₇₈	16.2	X	19.81639	242.04204	160.15395	13.65846	0.2017054	0.21103490	2.7940437	20	—	—
260897 2005 <i>QL</i> ₁₈₁	15.6	X	243.36674	154.73134	177.25257	10.45535	0.0986107	0.17515912	3.1635950	20	4 8.5	20.4
260898 2005 <i>QA</i> ₁₈₂	17.0	X	154.09235	260.86076	15.78036	2.31890	0.0656226	0.21581210	2.7526576	20	—	—
260899 2005 <i>QB</i> ₁₈₂	15.9	X	272.30927	194.37689	176.24386	10.23213	0.0293993	0.18647370	3.0342940	20	7 7.8	20.3
260900 2005 <i>QC</i> ₁₈₂	16.6	X	318.87033	308.56573	99.95756	3.08181	0.1332483	0.19994609	2.8964149	20	10 28.2	19.8
260901 2005 <i>QO</i> ₁₈₇	16.3	X	114.76361	249.79850	25.68947	7.91575	0.1860595	0.21062067	2.7977058	20	12 9.1	21.0
260902 2005 <i>QH</i> ₁₈₉	17.0	X	120.54558	135.04188	180.02751	2.08616	0.0846442	0.21669447	2.7451800	20	—	—
260903 2005 <i>QX</i> ₁₈₉	17.3	X	74.44442	240.99258	114.07229	0.44620	0.0848955	0.21525673	2.7573902	20	—	—
260904 2005 <i>QJ</i> ₁₉₀	17.1	X	45.89949	236.79360	154.45171	4.59226	0.0785373	0.21432936	2.7653383	20	—	—
260905 2005 <i>RJ</i> ₂	15.9	X	2.62661	199.25029	264.06191	16.31380	0.2061652	0.21304484	2.7764426	20	—	—
260906 Robichon	16.0	X	35.09883	51.30833	0.26574	7.46663	0.2235528	0.21310148	2.7759506	20	—	—
260907 2005 <i>RJ</i> ₅	16.2	X	108.28529	259.82574	63.26780	8.70368	0.2363433	0.21817108	2.7327796	20	—	—
260908 2005 <i>RX</i> ₆	16.3	X	65.76162	63.84591	296.98451	7.24315	0.2215530	0.21451446	2.7637744	20	—	—
260909 2005 <i>RG</i> ₉	15.8	X	131.04398	232.54575	116.59925	15.77734	0.1108487	0.22548325	2.6733748	20	—	—
260910 2005 <i>RY</i> ₁₀	16.0	X	241.84987	219.18514	176.21141	8.60481	0.0922823	0.18638612	3.0352444	20	6 23.7	20.6
260911 2005 <i>RC</i> ₁₄	17.0	X	52.74650	262.64044	190.16843	2.95617	0.1160770	0.22811851	2.6527462	20	1 22.2	19.8
260912 2005 <i>RV</i> ₁₄	16.3	X	156.48077	302.12906	347.38865	3.67753	0.0364038	0.21976900	2.7195169	20	—	—
260913 2005 <i>RV</i> ₁₅	17.2	X	59.59275	24.21286	350.01361	6.15203	0.0278199	0.21681289	2.7441804	20	—	—
260914 2005 <i>RO</i> ₁₆	15.5	X	101.69176	48.20701	291.41788	12.67679	0.1940166	0.21774493	2.7363439	20	—	—
260915 2005 <i>RD</i> ₁₉	16.6	X	56.11177	78.74036	12.01040	3.11142	0.0488568	0.22794355	2.6541034	20	1 21.2	20.0
260916 2005 <i>RG</i> ₁₉	15.8	X	207.40068	204.19951	167.94155	9.36143	0.0925311	0.17481554	3.1677388	20	4 21.1	20.7
260917 2005 <i>RH</i> ₂₀	15.1	X	240.58662	93.32908	250.58737	11.75812	0.0717426	0.17614100	3.1518273	20	4 18.3	20.0
260918 2005 <i>RO</i> ₂₂	16.4	X	89.30573	107.62553	210.48396	5.41096	0.1954955	0.21136217	2.7911588	20	—	—
260919 2005 <i>RH</i> ₂₅	15.8	X	77.87771	160.70023	206.07838	12.58185	0.2339629	0.21588162	2.7520665	20	—	—
260920 2005 <i>RO</i> ₂₅	16.6	X	67.06069	79.81579	278.26653	7.07381	0.2607951	0.21311666	2.7758188	20	—	—
260921 2005 <i>RP</i> ₂₉	15.2	X	130.43217	27.93397	274.86855	18.91401	0.2918492	0.21999153	2.7176826	20	—	—
260922 2005 <i>RY</i> ₂₉	16.5	X	99.63694	140.79439	198.43486	4.31153	0.1601386	0.21672487	2.7449233	20	—	—
260923 2005 <i>RK</i> ₃₁	15.7	X	122.61588	98.61545	249.17031	7.72878	0.2851639	0.21950630	2.7216862	20	1 10.2	19.9
260924 2005 <i>RO</i> ₃₁	15.9	X	221.17727	39.97051	282.14250	13.58359	0.1738332	0.23583079	2.5945918	20	2 19.0	20.4
260925 2005 <i>RY</i> ₃₁	16.3	X	320.56555	110.74067	352.07140	5.46291	0.0280208	0.21390699	2.7689773	20	—	—
260926 2005 <i>RB</i> ₃₂	16.3	X	64.37566	335.63261	43.94428	20.58469	0.2868086	0.21392832	2.7687933	20	—	—
260927 2005 <i>RR</i> ₄₁	16.7	X	116.87921	351.84319	344.77345	1.40479	0.0831745	0.21904111	2.7255383	20	—	—
260928 2005 <i>RC</i> ₄₄	15.8	X	358.79372	123.12317	293.43781	14.03516	0.0613793	0.22552193	2.6730692	20	1 22.4	19.0
260929 2005 <i>RS</i> ₄₄	16.0	X	256.86005	127.01900	290.07829	8.54373	0.1060053	0.18842909	3.0132656	20	8 5.4	20.3
260930 2005 <i>RB</i> ₄₅	15.9	X	164.57242	13.06996	283.31591	9.28337	0.0857757	0.21860716	2.7291440	20	—	—
260931 2005 <i>RA</i> ₄₆	15.6	X	300.25235	262.72098	72.56179	8.84856	0.0787426	0.18309566	3.0715012	20	6 22.9	19.6
260932 2005 <i>RP</i> ₅₁	15.4	X	209.39429	43.80022	9.36764	9.54271	0.0818283	0.18234782	3.0798933	20	6 9.5	20.3
260933 2005 <i>RX</i> ₅₁	16.3	X	171.58906	213.00234	103.86770	6.27717	0.1546863	0.22737684	2.6585117	20	1 6.8	20.4
260934 2005 <i>RA</i> ₅₂	16.4	X	96.10927	249.70440	114.59985	6.09870	0.1070703	0.21820446	2.7325008	20	—	—
260935 2005 <i>SJ</i> ₄	16.1	X	128.64373	278.01269	195.68144	3.51013	0.1896056	0.17062340	3.2194152	20	6 8.9	21.3
260936 2005 <i>SS</i> ₇	17.1	X	99.13299	138.04811	333.75166	2.00925	0.1187861	0.23548180	2.5971547	20	4 25.4	20.5
260937 2005 <i>SD</i> ₈	15.9	X	271.02912	255.74929	125.35602	10.58511	0.1480854	0.18594500	3.0400429	20	7 3.0	20.2
260938 2005 <i>SF</i> ₈	16.4	X	81.66484	245.85299	113.62316	6.36253	0.1180816	0.21416650	2.7667401	20	—	—
260939 2005 <i>SL</i> ₉	15.7	X	306.72708	355.72902	354.42605	10.66843	0.2077979	0.18843863	3.0131639	20	7 6.6	19.5
260940 2005 <i>SA</i> ₁₀	16.9	X	64.99769	73.85763	343.37936	7.98701	0.2435865	0.22260067	2.6964047	20	1 14.5	19.5
260941 2005 <i>ST</i> ₁₁	17.3	X	36.04250	168.48965	158.80223	1.75599	0.2487894	0.20277007	2.8694598	20	12 1.8	21.1
260942 2005 <i>SP</i> ₁₂	16.1	X	94.37492	36.23403	337.97305	9.87896	0.2097599	0.21956873	2.7211703	20	1 1.1	19.6
260943 2005 <i>SZ</i> ₁₂	16.8	X	16.99670	210.13272	277.48569	1.17118	0.1355262	0.22403860	2.6848549	20	1 8.8	19.7
260944 2005 <i>SL</i> ₁₅	16.3	X	296.72193	118.57927	199.31406	9.06544	0.0498321	0.18097560	3.0954422	20	5 31.4	20.6
260945 2005 <i>SO</i> ₁₅	16.6	X	350.98280	99.06853	339.75453	3.77725	0.0416454	0.21211946	2.7845117	20	—	—
260946 2005 <i>SZ</i> ₁₇	15.7	X	187.01978	213.87227	192.68976	9.05544	0.0897537	0.17502880	3.1651652	20	5 11.2	20.6
260947 2005 <i>SP</i> ₁₈	16.4	X	257.94100	11.16509	188.53606	7.10642	0.0545822	0.21821083	2.7324476	20	—	—
260948 2005 <i>SR</i> ₁₈	16.8	X	160.08188	6.91203	1.11572	2.56319	0.1100091	0.23134921	2.6279920	20	2 23.1	20.6
260949 2005 <i>SW</i> ₁₈	16.6	X	131.78589	119.16622	241.37669	1.42668	0.1006385	0.22397791	2.6853399	20	1 13.1	20.2
260950 2005 <i>SY</i> ₁₉	15.8	X	41.93749	210.36545	177.26284	13.67787	0.1972703	0.21113752	2.7931383	20	—	—
260951 2005 <i>SC</i> ₂₂	16.3	X	353.55424	314.27553	137.51224	5.31506	0.1688498	0.21257932	2.7804945	20	—	—
260952 2005 <i>SO</i> ₂₈	15.5	X	302.88530	104.60182	219.22585	8.92791	0.0402548	0.18160935	3.0882367	20	6 16.8	19.8
260953 2005 <i>SB</i> ₂₉	16.3											

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
260961 2005 SM ₄₁	15.3	X	334.81283	285.13827	358.96775	10.69269	0.1222876	0.18214944	3.0821291	20	5 31.7	19.2
260962 2005 SQ ₄₂	15.8	X	160.10613	159.06663	264.07137	3.42247	0.1105777	0.17089307	3.2160274	20	5 2.7	20.7
260963 2005 SR ₄₂	16.0	X	142.17814	103.83009	216.96740	8.32677	0.1089915	0.21935942	2.7229010	20	—	—
260964 2005 SE ₄₃	16.1	X	179.89885	217.80515	215.96351	9.60069	0.0553876	0.17693509	3.1423898	20	6 5.3	20.8
260965 2005 SW ₄₅	16.6	X	58.59603	173.28144	207.24457	6.69593	0.0371017	0.21287984	2.7778771	20	—	—
260966 2005 SB ₄₇	15.8	X	112.51215	283.25578	207.01574	10.28668	0.0634497	0.17455763	3.1708582	20	5 31.2	20.4
260967 2005 SY ₄₇	16.4	X	45.29354	237.84935	207.95978	9.06005	0.2674890	0.21825691	2.7320631	20	1 11.2	18.8
260968 2005 SB ₅₁	17.2	X	99.88085	64.70178	20.82476	1.66749	0.0088527	0.23219482	2.6216077	20	3 7.6	20.6
260969 2005 SX ₅₂	16.7	X	100.24766	229.36790	81.66117	4.73675	0.0788819	0.21052969	2.7985119	20	—	—
260970 2005 SL ₅₅	16.1	X	206.58782	26.65375	43.48430	1.22355	0.2043512	0.17806446	3.1290888	20	6 22.2	21.2
260971 2005 SQ ₅₅	16.5	X	0.36395	283.32257	198.22014	15.53958	0.2286381	0.21559557	2.7545003	20	—	—
260972 2005 SC ₅₆	16.4	X	248.71054	9.55319	38.37379	1.97513	0.1716890	0.18321394	3.0701791	20	7 7.9	21.1
260973 2005 SS ₅₇	16.3	X	164.29089	256.68644	14.35471	3.39030	0.0546523	0.21482720	2.7610644	20	—	—
260974 2005 SV ₅₇	16.6	X	46.59000	69.38473	185.62428	9.87827	0.0461601	0.18938120	3.0031577	20	8 10.5	20.8
260975 2005 SV ₅₈	15.8	X	237.79224	213.28042	198.15188	9.67223	0.1119149	0.18302891	3.0722479	20	7 5.7	20.6
260976 2005 SR ₅₉	16.4	X	339.55068	284.28801	197.52703	8.66244	0.2207911	0.21240924	2.7819785	20	—	—
260977 2005 ST ₆₀	16.4	X	259.45560	359.27521	190.29914	5.66015	0.0066835	0.21490178	2.7604255	20	—	—
260978 2005 SQ ₆₁	16.1	X	200.60835	51.65184	41.31573	1.40826	0.1359324	0.18189870	3.0849608	20	7 18.5	21.0
260979 2005 SZ ₆₁	16.8	X	242.23187	168.50676	26.17185	3.95264	0.0361298	0.21277860	2.7787582	20	—	—
260980 2005 SZ ₆₂	17.1	X	164.12632	192.94284	59.12513	0.81420	0.0237917	0.20931843	2.8092975	20	12 31.3	21.0
260981 2005 SK ₆₃	16.0	X	58.85266	79.04521	12.17716	10.20688	0.1946416	0.22307256	2.6926006	20	2 15.0	18.9
260982 2005 SS ₆₃	16.0	X	267.06492	120.67733	197.81489	6.41467	0.1259311	0.17588037	3.1549403	20	4 13.6	20.5
260983 2005 SK ₆₄	16.3	X	135.28556	80.28411	195.28823	4.61107	0.1280360	0.21077874	2.7963070	20	12 26.6	20.9
260984 2005 SJ ₆₉	15.7	X	80.53082	141.00389	201.00862	8.06909	0.3266356	0.21361861	2.7714688	20	—	—
260985 2005 SZ ₇₃	16.0	X	61.41882	240.15284	97.53900	18.44182	0.2734435	0.21081718	2.7959670	20	—	—
260986 2005 SH ₇₅	17.0	X	119.77436	70.57714	191.99266	1.44413	0.0213453	0.20499798	2.8486318	20	11 21.5	21.0
260987 2005 SG ₇₆	17.3	X	130.15298	170.90901	179.73277	5.43494	0.0890432	0.22320124	2.6915657	20	—	—
260988 2005 SZ ₇₇	16.9	X	28.86702	323.05947	40.58746	2.53656	0.0846221	0.20598551	2.8395200	20	12 14.2	20.7
260989 2005 SH ₇₉	16.7	X	138.84171	85.12820	97.06304	2.36730	0.1348821	0.25966857	2.4332671	20	9 15.7	20.4
260990 2005 SJ ₇₉	16.2	X	34.53651	117.14355	146.03545	2.03894	0.0418133	0.18917991	3.0052877	20	8 6.3	20.2
260991 2005 SP ₈₁	17.4	X	131.79956	7.60951	43.49178	0.74701	0.0748855	0.23357843	2.6112446	20	3 12.6	20.8
260992 2005 SY ₈₃	17.0	X	209.74827	72.62525	198.69283	5.66885	0.1068012	0.22410463	2.6843274	20	—	—
260993 2005 SA ₈₄	16.2	X	257.12202	1.34654	194.84369	12.33871	0.0882673	0.21680963	2.7442078	20	—	—
260994 2005 SB ₈₄	16.2	X	164.13750	49.27787	199.46296	3.84802	0.0571125	0.21019534	2.8014787	20	12 25.3	20.4
260995 2005 SO ₈₇	16.6	X	254.28323	209.02555	23.31677	5.00322	0.1001628	0.22458769	2.6804770	20	—	—
260996 2005 SZ ₈₇	16.0	X	316.20668	115.91301	187.63642	9.56632	0.0626667	0.18170502	3.0871526	20	6 7.1	20.2
260997 2005 SG ₈₉	15.4	X	121.98505	224.50576	219.89274	3.67879	0.0244371	0.16798255	3.2530689	20	4 9.5	20.1
260998 2005 SU ₉₁	16.0	X	192.75262	219.81386	211.46649	3.96232	0.1211912	0.17716530	3.1396671	20	6 14.4	20.9
260999 2005 SV ₉₂	16.6	X	50.65920	13.31495	12.45357	4.38073	0.0802372	0.21204598	2.7851549	20	—	—
261000 2005 SY ₉₄	15.8	X	138.43133	57.25564	313.52233	15.10471	0.1691881	0.22820922	2.6520432	20	2 8.7	19.8
261001 2005 SN ₉₅	16.3	X	217.28566	249.24143	180.79053	8.86361	0.0743321	0.18375424	3.0641579	20	7 10.2	21.0
261002 2005 SS ₉₅	17.2	X	105.96845	233.61348	78.01209	1.77440	0.0573298	0.21122031	2.7924084	20	—	—
261003 2005 SW ₉₅	15.9	X	202.59659	231.42025	17.56710	13.85631	0.1448272	0.21921502	2.7240967	20	—	—
261004 2005 SW ₉₆	16.7	X	24.89786	233.31018	183.30128	7.71603	0.2224958	0.21260539	2.7802672	20	—	—
261005 2005 SB ₉₇	16.3	X	353.60927	302.09855	24.97542	9.74884	0.0658142	0.19316023	2.9638593	20	9 7.4	20.2
261006 2005 ST ₉₈	16.2	X	339.45609	199.52558	213.43857	14.77503	0.1276842	0.20304202	2.8668970	20	12 8.7	19.7
261007 2005 SB ₁₀₀	16.2	X	78.23842	157.05932	217.22892	8.23582	0.1648272	0.21559676	2.7544902	20	—	—
261008 2005 SX ₁₀₁	16.8	X	44.69602	131.29550	259.36393	4.42612	0.0623416	0.21193562	2.7861216	20	—	—
261009 2005 SZ ₁₀₂	16.2	X	273.76491	189.91179	318.46155	5.04293	0.0166890	0.20973188	2.8056043	20	—	—
261010 2005 SY ₁₀₃	15.4	X	238.36349	37.03056	0.32987	10.33120	0.1017961	0.17974055	3.1096058	20	6 20.9	20.2
261011 2005 SU ₁₀₄	15.6	X	239.62739	5.18375	26.30190	11.27203	0.0809516	0.18048787	3.1010163	20	6 16.4	20.3
261012 2005 SZ ₁₀₆	15.5	X	162.89434	357.11263	299.61511	12.88676	0.0951438	0.22179934	2.7028952	20	—	—
261013 2005 SY ₁₀₇	16.2	X	3.99519	267.98665	11.52872	10.35204	0.0683206	0.18534255	3.0466271	20	7 19.3	20.3
261014 2005 SO ₁₁₀	16.6	X	283.75827	65.84199	16.57449	1.89661	0.0461469	0.19882592	2.9072835	20	10 24.3	20.5
261015 2005 SV ₁₁₀	16.3	X	117.34142	312.43585	11.12053	6.94422	0.0550860	0.21466731	2.7624352	20	—	—
261016 2005 SZ ₁₁₀	16.8	X	11.09677	178.93433	200.15651	3.83196	0.2178712	0.20403304	2.8576062	20	12 27.9	20.2
261017 2005 SK ₁₁₁	16.3	X	37.81357	133.41034	311.71481	5.45892	0.2190921	0.21907031	2.7252961	20	—	—
261018 2005 SP ₁₁₈	15.6	X	326.22169	186.94657	140.03918	11.44765	0.1099440	0.18857295	3.0117329	20	7 18.3	19.4
261019 2005 SZ ₁₁₉	17.0	X	119.89665	20.52860	316.26088	0.48479	0.1013457	0.21919767	2.7242404	20	—	—
261020 2005 SU ₁₂₀	16.6	X	307.53568	187.48968	3.37647	2.36654	0.0173937	0.22592316	2.6699034	20	1 4.5	20.1
261021 2005 SZ ₁₂₁	15.6	X	355.70824	249.36555	340.05154	8.78488	0.0271380	0.17425390	3.1745418	20	4 25.4	20.1
261022 2005 SE ₁₂₃	16.1	X	208.21801	222.88022	357.38418	4.10408	0.0152821	0.21227709	2.7831330	20	—	—
261023 2005 SU ₁₂₆	16.9	X	23.09085	158.61791	191.69441	1.71820	0.0777100	0.20247313	2.8722647	20	11 18.5	20.5
261024 2005 SN ₁₂₇	15.6	X	258.30356	298.92335	17.36047	10.62113	0.0190465	0.17229168	3.1985994	20	4 13.5	20.1
261025 2005 SX ₁₂₇	16.7	X	139.16982	153.94584	192.42086	5.93669	0.0347457	0.22272286	2.6954183	20	—	—
261026 2005 SM ₁₂₉	16.0	X	205.98860	29.01550	25.97151	2.48294	0.0661960	0.17765361	3.1339113	20	6 9.9	20.8
261027 2005 SL ₁₃₀	15.5	X	86.54754	332.08234	9.52058	9.55438	0.2248675	0.21376381	2.7702136	20	—	—
261028 2005 SC ₁₃₁	16.7	X	93.67407	141.64156	210.31283	3.86996	0.0773067	0.21376541	2.7701998	20	—	

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
261041	2005	SN ₁₄₈	16.1	X	345.44469	359.67846	29.49549	12.98970	0.1764128	0.19978122	2.8980082	20	11 17.1	19.2
261042	2005	SS ₁₄₉	16.4	X	274.62746	316.29654	97.25450	1.53810	0.1954815	0.18928749	3.0041488	20	8 12.6	20.3
261043	2005	SZ ₁₅₀	17.0	X	226.77376	117.31723	81.42786	1.56675	0.0133763	0.21004809	2.8027878	20	—	—
261044	2005	SB ₁₅₄	15.9	X	270.71266	342.76482	358.13932	11.09507	0.0184889	0.17988408	3.1079514	20	5 27.9	20.5
261045	2005	SB ₁₅₅	16.6	X	75.75653	86.09183	258.27175	1.68524	0.0906923	0.21164348	2.7886850	20	—	—
261046	2005	ST ₁₅₆	15.5	X	327.05764	224.52731	30.47936	9.25189	0.1284375	0.17478281	3.1681342	20	4 13.1	19.3
261047	2005	SC ₁₅₇	16.7	X	86.38609	194.50339	185.99077	6.02841	0.0426155	0.21798375	2.7343450	20	—	—
261048	2005	SZ ₁₅₇	16.4	X	186.08815	294.96588	183.61045	4.63269	0.1858921	0.18339261	3.0681847	20	8 2.1	21.5
261049	2005	SY ₁₆₅	15.3	X	282.43717	293.33274	32.03564	10.47949	0.0722011	0.18039883	3.1020365	20	5 16.1	19.7
261050	2005	SP ₁₆₉	15.8	X	278.49721	89.82449	204.40833	13.47017	0.1298106	0.17496054	3.1659883	20	3 25.7	20.4
261051	2005	SF ₁₇₃	16.5	X	344.55859	205.02436	252.41312	3.26778	0.0778883	0.21368875	2.7708623	20	—	—
261052	2005	SW ₁₇₃	16.3	X	117.07490	170.12493	187.12362	5.07667	0.0699280	0.22334185	2.6904358	20	—	—
261053	2005	SM ₁₇₇	16.0	X	20.24276	213.14170	357.34762	8.96235	0.0208576	0.17461998	3.1701034	20	5 4.6	20.5
261054	2005	SW ₁₇₇	15.7	X	221.47421	181.21887	214.89814	9.96622	0.1445789	0.17863070	3.1224727	20	5 29.4	20.7
261055	2005	ST ₁₇₈	16.2	X	236.30808	202.68258	337.94825	6.04032	0.0363534	0.210711407	2.7968791	20	12 29.6	20.0
261056	2005	SL ₁₈₀	15.4	X	303.88285	290.25980	2.31754	8.78486	0.0809159	0.18028092	3.1033889	20	4 30.4	19.8
261057	2005	SS ₁₈₀	16.4	X	99.63510	343.41200	4.01407	6.27684	0.0464778	0.21766632	2.7370027	20	—	—
261058	2005	SH ₁₈₁	15.7	X	153.66229	258.68495	214.40042	11.59867	0.0722495	0.17874352	3.1211586	20	6 24.6	20.6
261059	2005	SJ ₁₈₁	16.7	X	101.50065	14.18454	322.05862	2.86385	0.0978009	0.21418201	2.7666065	20	—	—
261060	2005	SJ ₁₈₅	15.9	X	210.27305	241.21913	176.62092	1.90308	0.1362234	0.17992224	3.1075120	20	6 14.3	20.8
261061	2005	SC ₁₈₇	15.7	X	225.20632	320.56454	101.26443	8.25482	0.1785744	0.18116182	3.0933206	20	6 30.4	20.4
261062	2005	SL ₁₈₈	16.1	X	264.63307	346.63631	22.91953	4.26626	0.0491666	0.18145480	3.0899901	20	6 24.4	20.4
261063	2005	SA ₁₈₉	15.9	X	64.47666	169.61718	193.74545	9.60414	0.1952684	0.21126452	2.7920188	20	—	—
261064	2005	SD ₁₈₉	16.8	X	334.27347	171.63085	24.57787	5.37940	0.0221048	0.22965245	2.6409205	20	2 15.6	20.2
261065	2005	SP ₁₉₀	16.3	X	91.68046	305.38099	32.55861	6.69614	0.0823723	0.21231842	2.7827718	20	—	—
261066	2005	SM ₁₉₁	15.6	X	186.15073	305.09654	113.44231	6.52474	0.1890777	0.17343541	3.1845217	20	5 24.2	20.9
261067	2005	SL ₂₀₀	16.2	X	317.04401	163.83460	187.50491	10.03873	0.0770868	0.18967394	3.0000669	20	8 6.8	20.2
261068	2005	SA ₂₀₁	16.9	X	100.25159	129.11964	21.86367	7.64568	0.3607094	0.23972274	2.5664328	20	7 17.9	21.4
261069	2005	SY ₂₀₂	16.4	X	188.00810	28.75574	317.43198	8.97339	0.1162670	0.23452474	2.6042156	20	2 22.4	20.3
261070	2005	SX ₂₀₄	15.5	X	337.46924	243.49520	315.29593	9.37504	0.0388534	0.18084172	3.0969698	20	6 4.8	19.7
261071	2005	SZ ₂₀₆	16.8	X	59.34630	199.67726	330.54405	1.06791	0.1293583	0.24172357	2.5522510	20	5 21.4	19.6
261072	2005	SX ₂₀₇	15.7	X	76.58218	108.58072	298.48525	13.62145	0.1567952	0.22260332	2.6963832	20	1 7.9	18.8
261073	2005	SJ ₂₀₈	15.2	X	323.13900	278.70318	341.17544	8.46341	0.0274553	0.17405998	3.1768991	20	4 20.9	19.8
261074	2005	SK ₂₀₉	16.1	X	71.33697	236.15782	196.16566	21.77154	0.0681445	0.22642855	2.6659291	20	1 16.1	20.0
261075	2005	SM ₂₁₁	16.3	X	352.07130	295.80203	206.34903	7.60365	0.1152585	0.22014577	2.7164131	20	—	—
261076	2005	SC ₂₁₄	16.0	X	136.16825	71.49848	248.56608	14.37365	0.1785731	0.22041643	2.7141889	20	—	—
261077	2005	SO ₂₁₄	15.4	X	241.75034	151.48234	231.84102	10.19408	0.1587509	0.17909081	3.1171223	20	6 1.3	20.1
261078	2005	SF ₂₁₇	16.3	X	221.15532	202.23429	199.90321	0.18894	0.1801143	0.17666056	3.1456446	20	6 2.5	21.3
261079	2005	SN ₂₁₉	15.3	X	236.32523	184.06024	271.96252	11.16533	0.1140986	0.17935191	3.1140963	20	8 24.6	20.1
261080	2005	SJ ₂₂₀	16.2	X	156.51986	27.65017	327.48737	10.74644	0.2324095	0.22752005	2.6573959	20	2 13.4	20.5
261081	2005	SH ₂₂₅	16.2	X	85.50324	326.26609	85.67913	11.88381	0.1784614	0.22144330	2.7057916	20	2 2.1	19.6
261082	2005	SP ₂₂₆	16.3	X	224.94070	121.58230	307.67525	0.59433	0.1390753	0.18357161	3.0661898	20	7 12.9	20.9
261083	2005	SK ₂₂₇	17.4	X	37.32882	210.89096	183.14011	5.84952	0.0769085	0.21213819	2.7843478	20	—	—
261084	2005	SJ ₂₃₂	15.9	X	254.02865	340.14523	33.99574	5.56034	0.1475800	0.17902904	3.1178393	20	6 3.2	20.5
261085	2005	SB ₂₃₄	17.4	X	352.73548	238.61591	184.24718	4.03585	0.0927393	0.20881834	2.8137810	20	—	—
261086	2005	SD ₂₃₅	16.4	X	75.62404	215.09160	27.58148	1.81628	0.0231274	0.18938553	3.0031119	20	9 1.5	20.5
261087	2005	SN ₂₄₀	15.5	X	49.48324	233.84320	351.14499	9.14279	0.1010996	0.18236992	3.0796444	20	7 17.9	19.7
261088	2005	SY ₂₄₃	17.2	X	94.12456	99.86665	234.13672	1.07604	0.0847280	0.21713715	2.7414477	20	—	—
261089	2005	SK ₂₄₄	16.6	X	71.60996	19.42203	6.13565	6.11233	0.0413352	0.21713460	2.7414691	20	—	—
261090	2005	SL ₂₄₆	16.5	X	79.68347	334.10695	0.27391	3.76095	0.1039214	0.20922709	2.8101150	20	—	—
261091	2005	SW ₂₄₆	16.4	X	38.34195	91.67043	9.95777	4.95776	0.1145137	0.22127564	2.7071583	20	1 13.1	19.4
261092	2005	SH ₂₅₁	16.8	X	84.77785	239.53981	127.33613	4.04337	0.2043087	0.21907205	2.7252817	20	—	—
261093	2005	ST ₂₅₁	15.9	X	207.66226	263.80342	138.76373	10.98778	0.2420461	0.17812226	3.1284118	20	5 22.5	21.4
261094	2005	SC ₂₅₂	15.3	X	102.55709	126.90847	6.49988	10.31424	0.0081835	0.17856906	3.1231912	20	5 11.4	19.8
261095	2005	SD ₂₅₅	16.9	X	88.74721	321.88947	319.20459	2.91588	0.1622908	0.27443323	2.3451912	20	12 2.8	20.5
261096	2005	ST ₂₅₉	16.0	X	190.35327	69.65476	193.81355	13.01966	0.1180951	0.22043471	2.7140389	20	—	—
261097	2005	SE ₂₆₁	16.6	X	4.05027	112.98864	306.67638	3.77520	0.1545853	0.20997007	2.8034821	20	—	—
261098	2005	SN ₂₆₂	15.9	X	270.59630	12.36787	1.51868	1.12079	0.1030050	0.18714444	3.0270396	20	6 29.9	20.2
261099	2005	SP ₂₆₂	16.9	X	68.57813	246.68226	151.09258	2.81425	0.2243913	0.21853684	2.7297295	20	—	—
261100	2005	SO ₂₆₇	16.5	X	168.43348	311.67040	183.12370	9.28589	0.0202976	0.18889263	3.0083339	20	8 6.6	21.0
261101	2005	SU ₂₇₁	16.6	X	29.78875	4.62480	330.46613	1.31332	0.0960913	0.20250934	2.8719222	20	11 10.1	20.3
261102	2005	SW ₂₇₂	16.9	X	26.52580	285.60661	120.11315	5.78362	0.1730945	0.21192196	2.7862414	20	—	—
261103	2005	SB ₂₇₅	16.6	X	60.27576	316.65898	61.30029	5.02075	0.1125825	0.21364629	2.7712294	20	—	—
261104	2005	SN ₂₇₈	16.2	X	62.82912	163.74875	185.94387	12.24617	0.0955911	0.20686586	2.8314583	20	—	—
261105	2005	SW ₂₇₉	16.7	X	89.27476	80.45233	321.43258	8.00354	0.1623585	0.22258914	2.6964978	20	1 21.5	20.1
261106	2005	SB ₂₈₁	16.6	X	2.57525	99.00772	358.88832	2.96103	0.0546722	0.21369432	2.7708141	20	—	—
261107	2005	SW ₂₈₂	16.8	X	85.92863	251.46000	75.88502	7.00125	0.0708178	0.20946423	2.8079937	20	—	—
261108	2005	SZ ₂₈₃	16.4	X	312.31104	204.43903	86.48432	6.25971	0.0995452	0.17888152	3.1195533	20	5 11.9	20.4
261109	2005	Annie	15.3	X	302.21200	145.69144	136.90406	9.88594	0.0609205	0.17363087	3.1821313	20	4 25.4	19.8
261110	2005	Neoma	16.4	X	247.55523	128.60208	89.89294	13.45701	0.0942574	0.21616997	2.7496187	20		

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
261121	2005	TC ₁₃	16.7	X	7.34119	63.02806	10.92015	4.38549	0.0473016	0.21139219	2.7908945	20	—	—
261122	2005	TC ₁₈	16.5	X	257.25880	261.25598	140.03385	3.25189	0.2713673	0.18408700	3.0604642	20	6 26.6	21.3
261123	2005	TP ₁₈	16.6	X	111.40754	4.41946	53.93767	5.77948	0.1074910	0.22926184	2.6439193	20	3 4.7	20.2
261124	2005	TR ₁₈	16.2	X	273.49250	297.60153	83.43443	2.81828	0.1924500	0.18736493	3.0246643	20	6 29.6	20.5
261125	2005	TG ₂₁	16.2	X	219.36358	228.49910	169.07674	5.55230	0.1722687	0.17779338	3.1322685	20	5 27.9	21.3
261126	2005	TS ₂₃	16.3	X	123.24150	95.86069	204.85187	2.77095	0.0716954	0.21372452	2.7705531	20	—	—
261127	2005	TM ₂₆	16.3	X	356.28722	41.47419	45.51256	4.25244	0.0661221	0.20998464	2.8033524	20	—	—
261128	2005	TR ₂₇	15.4	X	219.13013	346.97376	41.95441	8.03775	0.1607940	0.17560232	3.1582697	20	5 16.1	20.5
261129	2005	TV ₂₇	16.2	X	94.71016	305.90184	69.68417	6.08862	0.1757801	0.21763193	2.7372910	20	—	—
261130	2005	TG ₃₀	15.7	X	250.16214	276.20648	133.60928	14.92505	0.2196511	0.18515979	3.0486315	20	7 6.1	20.5
261131	2005	TE ₃₃	16.7	X	59.53094	90.39636	28.55168	11.70754	0.1435550	0.22998700	2.6383588	20	3 17.9	19.7
261132	2005	TO ₃₄	16.0	X	285.89160	133.70761	176.13959	8.16698	0.0608373	0.17779053	3.1323020	20	5 6.3	20.4
261133	2005	TB ₄₇	16.9	X	126.19128	247.53076	129.58444	6.03406	0.1905685	0.22572367	2.6714763	20	2 7.7	20.8
261134	2005	TS ₄₇	15.6	X	213.94357	219.54262	186.59737	17.70706	0.1870750	0.18171582	3.0870303	20	6 1.8	21.0
261135	2005	TB ₅₁	14.9	X	232.30018	357.65448	93.31352	28.33026	0.1063854	0.17760556	3.1344765	20	8 27.3	20.0
261136	2005	TK ₅₂	16.3	X	46.28243	189.30501	275.31233	3.21429	0.1678560	0.22176887	2.7031429	20	2 1.6	18.9
261137	2005	TZ ₅₅	15.3	X	300.36599	273.54481	43.06108	11.95367	0.0727398	0.17940894	3.1134364	20	5 28.9	19.6
261138	2005	TQ ₅₇	17.1	X	353.80707	66.12217	38.24940	4.67287	0.0298768	0.21477670	2.7614972	20	—	—
261139	2005	TZ ₅₇	16.1	X	207.68656	48.93169	42.47339	4.12095	0.1267430	0.18229405	3.0804989	20	7 24.9	20.9
261140	2005	TM ₆₁	16.5	X	69.73616	108.51459	343.71606	3.27512	0.0578973	0.22796043	2.6539724	20	2 12.1	19.6
261141	2005	TL ₆₃	16.6	X	62.06537	117.87690	206.01672	7.44963	0.2171301	0.20589313	2.8403693	20	12 21.7	21.0
261142	2005	TK ₇₀	17.5	X	110.90693	295.91342	27.38893	3.81257	0.0944446	0.21259677	2.7803423	20	—	—
261143	2005	TY ₇₂	16.4	X	27.23708	353.21571	73.18333	11.37946	0.2202556	0.21214039	2.7843285	20	—	—
261144	2005	TD ₇₃	16.0	X	118.39069	234.69821	90.32218	9.11311	0.2202763	0.21634861	2.7481049	20	—	—
261145	2005	TK ₇₆	16.1	X	45.44010	327.38441	57.12948	8.40616	0.1348163	0.21332503	2.7740109	20	—	—
261146	2005	TK ₇₆	15.6	X	100.89739	310.94063	45.53872	14.13418	0.1521024	0.21954201	2.7213911	20	—	—
261147	2005	TQ ₇₆	16.2	X	272.01003	257.92968	107.34652	10.11544	0.2755409	0.18482001	3.0523669	20	5 29.3	20.9
261148	2005	TX ₇₆	16.3	X	100.55272	252.58262	72.20638	10.52819	0.2538508	0.21611350	2.7500977	20	—	—
261149	2005	TM ₇₉	16.4	X	1.74283	177.65022	252.38027	7.78945	0.1630332	0.20986457	2.8044215	20	—	—
261150	2005	TN ₇₉	15.6	X	257.01143	324.07551	71.82372	7.25663	0.1630337	0.18613912	3.0379290	20	7 3.1	20.0
261151	2005	TH ₈₀	16.6	X	83.69632	125.56182	253.20525	5.24164	0.0378051	0.21834394	2.7313370	20	—	—
261152	2005	TU ₈₁	16.8	X	174.03913	275.77974	346.23237	4.31635	0.0206477	0.21330631	2.7741732	20	—	—
261153	2005	TN ₈₂	15.7	X	151.50704	243.51299	219.31501	8.64303	0.0569953	0.17781150	3.1320557	20	6 9.6	20.5
261154	2005	TM ₈₆	15.9	X	256.58213	98.21508	212.80326	3.95886	0.1157971	0.17366152	3.1817569	20	3 24.3	20.6
261155	2005	TK ₈₇	17.1	X	49.13188	299.44788	102.67255	1.54180	0.0722606	0.21547039	2.7555670	20	—	—
261156	2005	TS ₉₀	16.7	X	54.94280	136.60118	137.79968	2.46437	0.0751879	0.19659949	2.9291917	20	9 24.4	20.7
261157	2005	TU ₉₁	15.4	X	219.27153	137.29495	208.74409	10.47259	0.0872583	0.17273919	3.1930726	20	3 29.6	20.4
261158	2005	TU ₉₂	16.5	X	299.51072	222.32747	248.36556	5.59418	0.0136092	0.20703985	2.8298717	20	12 24.1	20.4
261159	2005	TK ₉₆	15.8	X	257.17915	210.35797	219.15414	10.45027	0.0935583	0.18897655	3.0074433	20	8 21.1	20.2
261160	2005	TV ₉₉	16.5	X	74.43172	63.22920	353.40428	4.37953	0.1725565	0.22001977	2.7174501	20	1 20.1	19.6
261161	2005	TT ₁₀₀	16.6	X	130.40341	84.48050	204.03488	2.99922	0.0661629	0.21039456	2.7997099	20	—	—
261162	2005	TY ₁₀₀	16.2	X	39.98280	223.08046	183.29739	5.00442	0.0660978	0.21354177	2.7721336	20	—	—
261163	2005	TK ₁₀₁	16.3	X	27.43011	269.27609	79.76380	3.47254	0.0702136	0.20132292	2.8831943	20	11 21.5	20.1
261164	2005	TJ ₁₀₂	16.1	X	174.77843	82.50036	354.57481	4.49096	0.1648051	0.17364194	3.1819959	20	6 3.5	21.3
261165	2005	TW ₁₀₂	16.4	X	78.72620	39.22351	278.35796	0.95806	0.0618914	0.20465281	2.8518340	20	12 14.5	20.5
261166	2005	TJ ₁₀₃	16.2	X	297.90300	254.15025	224.22893	8.30271	0.0912887	0.20492932	2.8492681	20	12 26.4	19.8
261167	2005	TS ₁₀₄	15.7	X	273.39710	127.64661	248.32160	8.77520	0.1700103	0.18476061	3.0530210	20	6 25.6	20.0
261168	2005	TZ ₁₀₄	15.7	X	228.76524	46.19903	339.72048	6.06739	0.2077423	0.17649658	3.1475926	20	5 17.0	21.0
261169	2005	TK ₁₀₈	16.3	X	288.16688	17.23950	345.95108	8.79608	0.0193299	0.18645168	3.0345329	20	7 23.9	20.5
261170	2005	TG ₁₁₂	17.3	X	118.42558	194.66082	239.42082	2.34858	0.0548275	0.23413889	2.6070759	20	3 21.7	20.9
261171	2005	TQ ₁₁₃	16.6	X	25.12449	67.90626	2.73177	5.41723	0.0453735	0.21576769	2.7530352	20	—	—
261172	2005	TT ₁₁₃	16.2	X	25.30457	178.51486	7.88369	8.99878	0.0998271	0.23778655	2.5803455	20	4 11.6	18.9
261173	2005	TH ₁₁₄	16.9	X	30.67234	356.61981	354.24533	1.51438	0.0761282	0.20347630	2.8628164	20	11 28.7	20.6
261174	2005	TK ₁₁₄	16.1	X	238.34507	215.07914	202.58408	9.06348	0.1183920	0.18481538	3.0524178	20	7 13.1	20.8
261175	2005	TY ₁₂₄	16.3	X	356.84148	223.06104	227.51002	3.10467	0.0714783	0.21238243	2.7822126	20	—	—
261176	2005	TX ₁₂₆	16.8	X	142.30277	41.41451	203.20630	6.54348	0.0676729	0.20339226	2.8636049	20	11 26.3	21.2
261177	2005	TD ₁₂₇	16.3	X	93.39155	44.83731	236.58919	1.21709	0.0381146	0.20128920	2.8835162	20	11 14.0	20.4
261178	2005	TF ₁₂₈	16.6	X	327.15333	89.18930	323.24721	1.18351	0.0625591	0.20090888	2.8871540	20	11 15.5	20.3
261179	2005	TC ₁₃₀	16.2	X	315.14940	246.88199	32.30710	11.64208	0.1685276	0.17653235	3.1471675	20	4 20.0	20.3
261180	2005	TR ₁₃₀	16.0	X	73.44856	17.43496	192.78136	6.25527	0.0864585	0.18142024	3.0903824	20	7 25.1	20.4
261181	2005	TY ₁₃₀	16.2	X	278.64210	329.83759	196.20702	9.25655	0.1428698	0.20973684	2.8055600	20	—	—
261182	2005	TS ₁₃₁	15.8	X	224.87780	349.36503	35.04828	11.33831	0.1125777	0.17601199	3.1533672	20	5 18.5	20.8
261183	2005	TL ₁₃₅	16.2	X	347.46652	148.97266	7.08618	8.95173	0.0928882	0.22603037	2.6690591	20	1 3.9	19.6
261184	2005	TN ₁₃₅	17.4	X	137.60927	257.20253	154.27392	2.13273	0.0978162	0.23389303	2.6089026	20	3 22.7	20.9
261185	2005	TT ₁₃₆	17.0	X	41.45443	306.74132	122.05083	3.23598	0.0512398	0.21906965	2.7253016	20	—	—
261186	2005	TX ₁₃₆	16.8	X	357.30164	19.44947	60.09485	3.20506	0.0563752	0.21297551	2.7770451	20	—	—
261187	2005	TS ₁₃₈	16.6	X	95.84657	278.37280	44.42905	5.31055	0.1201940	0.21099522	2.7943940	20	—	—
261188	2005	TL ₁₃₉	17.1	X	89.75510	282.93029	60.67291	3.73272	0.0580731	0.21239692	2.7820862	20	—	—
261189	2005	TY ₁₄₁	15.0	X	64.45888	263.96155	173.81544	7.80718	0.0838103	0.15514669	3.4301073	20	1 30.2	19.7
261190	2005	TT ₁₄₄	15.8	X	151.20833	295.53565	192.14896	21.95337	0.2070506	0.17711284	3.1402870	20	7 12.9	21.5

ELEMENTS AND OPPOSITION DATES IN 2020

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
261201 2005 TH ₁₆₇	16.9	X	223.17173	145.34021	347.10495	1.28943	0.0479762	0.19469435	2.9482693	20	10 8.9	20.9
261202 2005 TZ ₁₆₉	15.2	X	198.19385	166.73149	256.02943	16.80953	0.1769456	0.17478732	3.1680797	20	6 7.2	20.5
261203 2005 TJ ₁₇₁	15.4	X	70.97564	158.02732	226.06810	24.03732	0.1093510	0.21454401	2.7634935	20	—	—
261204 2005 TO ₁₇₁	16.6	X	115.02673	112.03777	286.62793	7.47009	0.1719290	0.22531840	2.6746786	20	2 16.8	20.5
261205 2005 TO ₁₇₈	16.8	X	156.21268	258.78453	33.19906	5.07825	0.0446039	0.21462903	2.7627637	20	—	—
261206 2005 TB ₁₈₂	17.0	X	306.97453	212.00974	260.49676	1.74748	0.1691448	0.20448415	2.8534019	20	12 30.7	19.9
261207 2005 TV ₁₈₅	16.5	X	12.97798	280.09898	169.47434	9.36831	0.1788807	0.21741691	2.7390955	20	—	—
261208 2005 TR ₁₈₇	16.6	X	115.51256	107.61632	201.44520	6.78367	0.2395343	0.21654449	2.7464474	20	—	—
261209 2005 TA ₁₈₉	17.0	X	52.62242	187.59621	287.30359	1.38557	0.1522967	0.22537838	2.6742040	20	2 25.8	19.8
261210 2005 TF ₁₉₁	16.3	X	65.67504	280.82945	82.68926	5.11823	0.1157003	0.21148375	2.7900890	20	—	—
261211 2005 TQ ₁₉₄	16.0	X	234.31751	348.00466	218.79896	12.60629	0.1308099	0.21081306	2.7960035	20	—	—
261212 2005 TY ₁₉₄	16.7	X	205.12797	258.92700	85.16149	8.71334	0.0573075	0.23533113	2.5982631	20	3 14.3	20.6
261213 2005 UR ₄	15.6	X	149.38371	357.59336	82.52716	22.96422	0.0345125	0.24025084	2.5626705	20	5 13.7	19.4
261214 2005 UO ₇	15.8	X	246.11294	353.03010	340.30293	26.97017	0.0441450	0.24224277	2.5486028	20	3 30.5	19.8
261215 2005 UJ ₁₉	16.1	X	81.12197	88.63580	282.85364	2.39553	0.1068884	0.21411772	2.7671603	20	—	—
261216 2005 UT ₁₉	16.3	X	248.80481	220.22679	327.08107	1.23470	0.0109819	0.20678116	2.8322315	20	—	—
261217 2005 UF ₂₂	16.5	X	80.06544	132.42678	236.66938	3.86457	0.0565699	0.21305056	2.7763929	20	—	—
261218 2005 UL ₂₂	16.8	X	50.87300	145.67623	246.62928	3.37330	0.0791225	0.21151842	2.7897841	20	—	—
261219 2005 UN ₂₄	16.6	X	121.56370	160.03320	238.44942	2.57808	0.1093669	0.22563908	2.6721439	20	2 17.3	20.4
261220 2005 UA ₂₅	17.2	X	345.67259	155.19011	279.59661	1.03277	0.0467518	0.20623534	2.8372264	20	—	—
261221 2005 UN ₂₅	16.9	X	71.56689	153.77964	219.27566	5.88116	0.0726088	0.21188827	2.7865367	20	—	—
261222 2005 UF ₂₆	16.6	X	227.66541	254.50963	219.89669	7.12132	0.0814514	0.19046349	2.9917702	20	9 14.8	21.1
261223 2005 UO ₂₆	16.3	X	129.49391	352.94092	133.46651	2.20525	0.1184450	0.17296764	3.1902605	20	6 19.4	21.3
261224 2005 UZ ₂₆	16.5	X	20.98508	199.07635	236.60444	1.56254	0.2075796	0.21118810	2.7926923	20	—	—
261225 2005 UO ₂₇	15.4	X	315.72560	265.71607	34.22777	16.97492	0.1440473	0.17930832	3.1146011	20	5 17.8	19.5
261226 2005 UQ ₃₀	16.9	X	10.29382	328.91518	209.16659	2.13001	0.0488281	0.23220363	2.6215413	20	3 7.6	20.1
261227 2005 UV ₃₀	16.7	X	36.98086	219.15399	61.21525	0.77956	0.1494336	0.19009169	2.9956700	20	9 16.9	20.6
261228 2005 UY ₃₂	16.6	X	163.54244	225.74815	68.75087	1.56398	0.0442005	0.21426452	2.7658962	20	—	—
261229 2005 UF ₃₅	16.6	X	208.86682	316.37569	215.33824	2.15059	0.1129691	0.19598038	2.9353574	20	11 3.2	21.0
261230 2005 UA ₃₇	17.2	X	43.74425	181.33002	225.02289	2.96925	0.0985169	0.21125346	2.7921162	20	—	—
261231 2005 UH ₃₇	15.5	X	218.92517	43.67593	67.42883	10.55908	0.0157805	0.18701989	3.0283833	20	9 16.1	19.9
261232 2005 UE ₃₉	16.4	X	278.38203	26.16525	108.61444	2.09262	0.0585141	0.20158846	2.8806618	20	12 21.5	20.1
261233 2005 UZ ₃₉	15.7	X	98.28412	320.25181	231.01809	11.47731	0.0918332	0.17744467	3.1363709	20	7 29.5	20.6
261234 2005 UY ₄₃	16.6	X	44.85963	75.42719	320.61348	2.64571	0.0973658	0.21231424	2.7828084	20	—	—
261235 2005 UC ₄₆	16.9	X	278.24407	228.54160	175.86043	1.81406	0.0657387	0.18653036	3.0336795	20	8 24.1	21.0
261236 2005 UK ₄₇	15.9	X	342.23991	90.95056	49.11452	23.57259	0.2278242	0.21046096	2.7991211	20	—	—
261237 2005 UZ ₄₈	16.4	X	18.23837	221.01714	232.36934	7.12041	0.3318616	0.21202056	2.7853775	20	—	—
261238 2005 UU ₄₉	15.6	X	206.41665	214.65658	226.55788	13.61402	0.1532376	0.17928955	3.1148184	20	7 5.8	20.8
261239 2005 UG ₅₀	16.5	X	93.99724	52.46917	292.27471	1.65665	0.1557226	0.21254696	2.7807767	20	—	—
261240 2005 UP ₅₁	14.7	X	35.14874	322.53702	227.46298	22.45808	0.0379386	0.16987707	3.2288377	20	5 2.6	19.0
261241 2005 UU ₅₁	16.5	X	145.70773	107.15891	263.84212	3.71344	0.1440710	0.22627161	2.6671616	20	2 13.5	20.5
261242 2005 UV ₅₂	15.6	X	247.98557	322.44102	69.65383	6.88364	0.1659963	0.18046300	3.1013011	20	6 17.5	20.4
261243 2005 UY ₅₂	16.5	X	49.09774	246.79125	139.77950	4.42654	0.1058544	0.21028049	2.8007224	20	—	—
261244 2005 UB ₅₄	16.6	X	35.11496	204.01632	211.65100	3.80956	0.0671368	0.21261575	2.7801769	20	—	—
261245 2005 UA ₅₉	16.8	X	5.30803	137.91771	49.77617	4.53755	0.0387085	0.23389063	2.6089205	20	3 16.4	20.0
261246 2005 UA ₆₀	15.9	X	97.36986	331.07292	49.84384	7.01462	0.0511885	0.21589569	2.7519470	20	—	—
261247 2005 UZ ₆₃	16.6	X	283.75130	200.89060	68.41827	4.51725	0.1227363	0.23071727	2.6327886	20	2 29.7	20.3
261248 2005 UT ₆₇	15.8	X	321.63857	177.74259	197.84327	10.91969	0.0461321	0.19161820	2.9797389	20	9 18.0	19.7
261249 2005 UR ₇₂	15.4	X	245.46323	70.70256	39.56618	9.93634	0.0443160	0.19276714	2.9678872	20	10 11.5	19.5
261250 2005 UP ₇₅	16.1	X	167.72343	82.97269	309.93972	12.97630	0.1379638	0.23435172	2.6054973	20	3 26.5	20.4
261251 2005 UW ₈₀	15.3	X	212.55832	294.61071	103.31431	12.98868	0.2612093	0.17298438	3.1900547	20	5 20.5	21.0
261252 2005 UO ₈₁	17.1	X	290.34353	138.42904	280.85821	1.19323	0.0630865	0.19456849	2.9495406	20	9 30.5	20.9
261253 2005 UO ₈₂	16.6	X	137.53273	85.10234	217.05300	0.96072	0.2113769	0.21524577	2.7574838	20	—	—
261254 2005 UG ₈₃	16.6	X	74.72616	35.61130	230.04948	0.73136	0.1382684	0.19475187	2.9476887	20	10 14.9	20.9
261255 2005 UA ₈₅	16.1	X	311.50831	276.18711	53.61115	5.92669	0.2271073	0.18464389	3.0543075	20	6 10.9	19.6
261256 2005 UF ₈₆	16.2	X	330.44010	283.47153	195.99831	5.03284	0.0368784	0.21167384	2.7884183	20	—	—
261257 2005 UO ₈₆	15.4	X	165.98719	298.66765	212.27353	26.59688	0.1484720	0.18490447	3.0514373	20	8 18.3	20.9
261258 2005 UA ₈₇	16.1	X	194.18694	115.51103	48.41257	9.40379	0.1768844	0.19291471	2.9663734	20	10 8.1	20.9
261259 2005 UK ₈₈	16.3	X	191.74353	28.96646	59.13119	2.95878	0.1070679	0.17828325	3.1265282	20	7 4.7	21.1
261260 2005 UL ₉₁	16.2	X	221.45831	37.28193	271.03419	5.92937	0.0982044	0.22859629	2.6490486	20	2 9.4	20.4
261261 2005 UT ₉₄	16.9	X	359.41791	44.36930	306.32234	3.77121	0.1280054	0.19497920	2.9453971	20	10 16.4	20.5
261262 2005 UE ₉₈	16.9	X	354.27628	10.48129	156.20873	2.92385	0.0529358	0.22333043	2.6905276	20	1 30.8	20.4
261263 2005 UT ₉₈	15.4	X	189.41995	327.50864	86.14817	6.85546	0.0247726	0.17172742	3.2056021	20	5 22.9	20.0
261264 2005 UT ₁₀₁	16.4	X	193.60125	166.46063	84.28653	6.20491	0.0319478	0.21072915	2.7967457	20	—	—
261265 2005 UJ ₁₀₅	16.2	X	303.88319	250.64207	195.60022	5.25661	0.0931913	0.19794919	2.9158615	20	11 23.5	19.8
261266 2005 UN ₁₀₅	16.3	X	334.20644	337.82529	115.34843	3.27206	0.0284611	0.20534617	2.8454108	20	—	—
261267 2005 UC ₁₀₇	16.8	X	336.92450	257.78508	154.73199	2.95595	0.0659689	0.19916982	2.9039360	20	11 30.4	20.4
261268 2005 UZ ₁₀₇	15.6	X	248.08775	133.22366	216.20235	12.16678	0.0526892	0.17153615	3.2079846	20	5 9.5	20.3
261269 2005 UE ₁₁₃	16.4	X	124.39249	335.77873	48.03935	6.39747	0.0406617	0.22100405	2.7093757	20	1 27.6	20.2
261270 2005 UB ₁₁₅	15.4	X	273.46248	282.95286	68.46397	16.47742	0.2309809	0.18053894	3.1004314	20	5 18.9	20.0
261271 2005 UQ ₁₂₀	15.7	X	348.85854	273.40150	33.52374	12.86840	0.1364644	0.18635470	3.0355856	20	8 4.5	19.4
261272 2005 UR ₁₂₄	16.3	X	204.21362	34.25767	244.63060	4.35077	0.0684426	0.21827036	2.7319508	20	—	—
261273 2005 UX ₁₂₅	16.4	X	97.05589	335.94768	39.13795	2.79688	0.0792436	0.21566778	2.7538855	20	—	—
261274 2005 UJ ₁₂₉	16.9	X	140.53911	67.81489	227.24212	8.59984	0.1933900	0.21244108				

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
261281 2005 <i>UL</i> ₁₄₂	16.0	X	258.47014	17.94015	80.57288	13.26535	0.3221172	0.18981325	2.9985988	20	9 7.6	20.7
261282 2005 <i>UF</i> ₁₄₃	16.7	X	54.22256	172.10377	247.30469	2.53006	0.0834048	0.21368735	2.7708744	20	—	—
261283 2005 <i>UV</i> ₁₄₅	15.2	X	246.92530	349.63566	32.24661	14.99696	0.0955726	0.17778071	3.1324173	20	6 9.5	20.1
261284 2005 <i>UO</i> ₁₄₆	17.2	X	63.39606	104.79376	330.46277	1.91458	0.0703046	0.21994664	2.7180524	20	1 14.3	20.4
261285 2005 <i>UE</i> ₁₄₉	16.7	X	127.82302	55.58665	242.79126	3.68134	0.0906254	0.20868506	2.8149789	20	—	—
261286 2005 <i>UO</i> ₁₄₉	15.6	X	79.65027	146.13876	37.22263	10.02832	0.0096068	0.17566253	3.1575480	20	6 17.6	20.2
261287 2005 <i>UF</i> ₁₅₃	16.9	X	91.29903	120.09414	267.87276	1.02736	0.1005402	0.21653630	2.7465167	20	—	—
261288 2005 <i>UG</i> ₁₅₃	16.6	X	28.99016	307.37102	24.95252	1.94908	0.1221246	0.19591351	2.9360253	20	11 7.9	20.2
261289 2005 <i>UU</i> ₁₅₃	16.4	X	331.31848	353.82612	38.11809	2.52492	0.1330572	0.19471746	2.9480360	20	10 25.3	19.7
261290 2005 <i>UA</i> ₁₅₆	16.1	X	61.42524	335.97011	90.79911	12.96843	0.1211086	0.21878132	2.7276955	20	1 4.9	19.1
261291 Fucecchio	16.4	X	300.37131	184.91322	223.93219	9.14793	0.0638348	0.19354169	2.9599636	20	9 29.0	20.3
261292 2005 <i>UD</i> ₁₆₂	16.1	X	79.45742	349.22350	135.73108	6.56577	0.0207011	0.23501087	2.6006231	20	4 5.3	19.5
261293 2005 <i>UG</i> ₁₆₂	15.8	X	42.44130	350.16696	89.60517	11.56642	0.2762022	0.21503816	2.7592583	20	—	—
261294 2005 <i>UV</i> ₁₇₀	16.5	X	258.08301	291.22762	348.68983	1.83805	0.0554128	0.22826626	2.6516013	20	2 19.6	20.3
261295 2005 <i>UK</i> ₁₇₃	16.7	X	220.40410	273.71479	28.95769	4.08904	0.1437830	0.22800954	2.6535913	20	2 3.9	20.9
261296 2005 <i>UF</i> ₁₇₇	16.6	X	220.30662	317.31904	5.42316	1.71068	0.0822869	0.22954780	2.6417231	20	2 28.8	20.6
261297 2005 <i>UP</i> ₁₇₇	16.2	X	353.17022	276.22034	263.54568	3.65636	0.0896253	0.22408895	2.6844527	20	2 10.8	19.6
261298 2005 <i>UP</i> ₁₈₀	16.5	X	311.32354	345.98657	106.93515	3.45285	0.1546805	0.19943118	2.9013982	20	12 11.3	19.6
261299 2005 <i>UK</i> ₁₈₁	15.6	X	347.65581	131.51608	227.25856	10.53093	0.1179817	0.19185991	2.9772357	20	10 5.2	19.3
261300 2005 <i>UN</i> ₁₈₁	16.0	X	161.31484	119.00444	92.97977	3.40204	0.0339595	0.19480951	2.9471073	20	11 6.7	20.3
261301 2005 <i>UX</i> ₁₈₁	16.6	X	70.40000	285.07361	51.31675	2.79787	0.0712368	0.20290523	2.8681854	20	12 28.6	20.6
261302 2005 <i>UV</i> ₁₈₂	16.5	X	268.65441	184.17741	231.09003	2.35292	0.0618927	0.18546061	3.0453339	20	8 25.0	20.7
261303 2005 <i>UZ</i> ₁₈₂	16.7	X	20.27848	178.81105	214.67391	1.37100	0.0736705	0.20308087	2.8665314	20	—	—
261304 2005 <i>UY</i> ₁₈₅	17.0	X	96.27784	116.35219	201.50587	1.47963	0.0677385	0.20413115	2.8566905	20	—	—
261305 2005 <i>US</i> ₁₉₃	16.5	X	169.27944	26.01581	81.64155	2.05856	0.1300137	0.17793697	3.1305832	20	7 6.3	21.5
261306 2005 <i>UJ</i> ₁₉₆	17.0	X	49.14540	260.29023	207.76095	4.11741	0.0578956	0.22358673	2.6884711	20	2 1.8	20.3
261307 2005 <i>UN</i> ₁₉₆	16.4	X	135.43599	110.32362	204.92100	4.12600	0.0540242	0.21316853	2.7753685	20	—	—
261308 2005 <i>UZ</i> ₁₉₇	16.9	X	346.32944	135.49974	151.08464	1.22583	0.0272563	0.21451951	2.7637039	20	—	—
261309 2005 <i>UJ</i> ₂₀₀	16.3	X	148.80329	150.00957	78.52425	3.11884	0.0494353	0.19732162	2.9220407	20	11 12.5	20.6
261310 2005 <i>UM</i> ₂₀₀	16.2	X	275.87275	141.39784	189.91907	1.96085	0.0381037	0.17328664	3.1865647	20	5 22.6	20.5
261311 2005 <i>UQ</i> ₂₀₂	16.2	X	354.99112	34.29558	60.93974	4.97032	0.0690615	0.21011920	2.8021555	20	—	—
261312 2005 <i>UR</i> ₂₀₃	16.6	X	315.04327	211.29288	162.65183	0.55689	0.0144444	0.18848473	3.0126726	20	9 10.0	20.6
261313 2005 <i>UY</i> ₂₀₃	16.2	X	78.49612	187.00334	68.49682	1.96395	0.0123245	0.18943943	3.0025422	20	9 20.3	20.3
261314 2005 <i>UA</i> ₂₀₄	17.0	X	51.21477	246.90069	132.74037	0.97921	0.0828690	0.20802108	2.8209657	20	—	—
261315 2005 <i>UN</i> ₂₀₄	16.2	X	155.96736	29.24375	219.90813	7.19291	0.0354905	0.20145596	2.8819247	20	12 15.9	20.5
261316 2005 <i>UA</i> ₂₀₅	17.1	X	243.35101	46.96715	168.57454	2.11890	0.0176464	0.21838395	2.7310033	20	—	—
261317 2005 <i>UB</i> ₂₀₅	16.6	X	61.19743	56.71758	188.75968	10.45899	0.0561945	0.19068498	2.9894530	20	8 19.1	20.8
261318 2005 <i>UC</i> ₂₀₈	16.9	X	154.87342	239.07239	60.57667	3.31287	0.0739375	0.21540259	2.7561452	20	—	—
261319 2005 <i>UV</i> ₂₁₁	16.0	X	181.53131	159.91966	63.52205	9.51538	0.2429973	0.20089654	2.8872723	20	11 29.8	20.9
261320 2005 <i>UJ</i> ₂₁₄	16.2	X	108.05716	325.21833	109.92037	5.71618	0.0204285	0.23108605	2.6299867	20	3 8.5	19.7
261321 2005 <i>UH</i> ₂₁₇	16.3	X	179.48530	273.54353	141.94354	12.22054	0.0734617	0.23907374	2.5710753	20	5 15.6	20.3
261322 2005 <i>UQ</i> ₂₁₈	16.2	X	222.27705	335.11472	269.71941	4.84347	0.1012010	0.21654810	2.7464169	20	—	—
261323 2005 <i>UR</i> ₂₂₀	16.5	X	24.58064	280.97045	240.74557	8.15712	0.0440689	0.22946860	2.6423309	20	3 3.7	19.9
261324 2005 <i>UX</i> ₂₂₀	15.8	X	239.68995	350.98341	19.84074	8.39923	0.0526741	0.17485347	3.1672806	20	5 23.8	20.4
261325 2005 <i>UN</i> ₂₂₃	16.1	X	287.43792	272.70982	29.55594	17.18331	0.0691868	0.17258099	3.1950237	20	4 24.7	20.5
261326 2005 <i>UX</i> ₂₃₀	16.2	X	283.97133	301.29147	53.00326	1.58132	0.1559170	0.18106090	3.0944699	20	6 13.7	20.3
261327 2005 <i>UR</i> ₂₃₁	16.4	X	51.23860	102.95600	218.96232	5.38066	0.2686262	0.20204664	2.8763052	20	12 14.2	20.8
261328 2005 <i>UO</i> ₂₃₂	16.1	X	311.05454	105.82689	202.82650	1.70966	0.0823445	0.17657354	3.1466780	20	6 3.3	20.1
261329 2005 <i>UD</i> ₂₄₀	16.2	X	354.94389	286.79945	90.01841	8.67361	0.0876737	0.19668176	2.9283748	20	11 13.8	19.9
261330 2005 <i>UU</i> ₂₄₀	16.1	X	190.35822	202.27398	106.60594	5.30516	0.0092052	0.21994232	2.7180880	20	1 9.4	19.8
261331 2005 <i>UL</i> ₂₄₂	15.3	X	42.93371	208.38494	43.37217	16.18157	0.1115870	0.17970218	3.1100484	20	8 19.9	19.7
261332 2005 <i>UP</i> ₂₄₄	16.0	X	97.73505	276.23220	322.43654	5.65566	0.1569477	0.18662505	3.0326533	20	10 4.9	20.8
261333 2005 <i>UY</i> ₂₄₆	16.2	X	2.85299	335.64583	150.25213	3.86110	0.0738056	0.18073341	3.0982069	20	7 22.5	20.1
261334 2005 <i>US</i> ₂₄₆	16.3	X	48.43163	283.97169	56.66537	2.87479	0.0809744	0.19759543	2.9193407	20	12 7.9	20.2
261335 2005 <i>UQ</i> ₂₄₇	16.8	X	141.77664	211.46868	41.74992	3.24319	0.0953541	0.20528435	2.8459820	20	12 5.3	21.3
261336 2005 <i>UC</i> ₂₅₀	15.7	X	72.90476	54.72062	253.07128	7.34703	0.1567347	0.20385774	2.8592442	20	12 6.7	20.1
261337 2005 <i>UR</i> ₂₅₂	15.1	X	90.29491	319.22230	246.62857	8.13895	0.0243470	0.18155083	3.0889003	20	7 30.7	19.5
261338 2005 <i>UB</i> ₂₅₅	16.5	X	178.90182	221.76266	43.53895	3.44301	0.0657620	0.21722925	2.7406727	20	—	—
261339 2005 <i>UX</i> ₂₅₆	16.0	X	326.49532	111.43112	191.01090	3.38142	0.1183076	0.18041811	3.1018155	20	6 14.7	19.8
261340 2005 <i>UN</i> ₂₆₀	16.2	X	26.77536	102.93234	217.64721	11.22366	0.0747599	0.19311237	2.9643489	20	10 12.7	20.1
261341 2005 <i>UC</i> ₂₆₁	16.5	X	191.14485	347.89320	130.27566	2.23610	0.1315908	0.17973930	3.1096202	20	8 9.1	21.2
261342 2005 <i>UE</i> ₂₆₅	16.8	X	342.76965	237.30816	164.84550	2.58765	0.0410853	0.19830503	2.9123723	20	11 24.2	20.6
261343 2005 <i>UP</i> ₂₆₅	16.3	X	27.07929	237.76562	85.75312	3.75604	0.0759210	0.19309142	2.9645634	20	10 20.0	20.1
261344 2005 <i>UT</i> ₂₆₅	16.1	X	18.10291	229.54129	92.65549	2.94317	0.0316782	0.19022728	2.9942463	20	9 30.3	20.1
261345 2005 <i>UB</i> ₂₇₅	15.5	X	198.12242	325.48003	352.53503	11.46246	0.1899214	0.22689572	2.6622685	20	2 4.8	20.0
261346 2005 <i>UO</i> ₂₇₆	16.											

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
261361 2005 UF ₃₁₉	16.4	X	91.44628	309.70780	26.31964	4.75675	0.0719390	0.20859160	2.8158197	20	—	—
261362 2005 UQ ₃₁₉	15.8	X	107.39326	318.12029	246.82708	3.92066	0.1341575	0.18520269	3.0481607	20	9 1.9	20.5
261363 2005 UW ₃₂₄	16.2	X	151.22097	99.95742	181.37491	5.46821	0.0282360	0.21270644	2.7793866	20	—	—
261364 2005 UC ₃₂₇	16.3	X	45.22473	328.57123	37.32032	2.26412	0.1186726	0.20558423	2.8432138	20	—	—
261365 2005 UL ₃₂₉	17.0	X	274.56150	33.99187	156.10241	2.15249	0.0191107	0.21487410	2.7606627	20	—	—
261366 2005 UY ₃₂₉	16.2	X	39.49670	200.60629	70.93312	6.82764	0.1508189	0.18555641	3.0442857	20	9 12.0	20.2
261367 2005 UN ₃₃₇	15.9	X	282.55468	227.75288	63.83690	1.41424	0.0585831	0.16970354	3.2310384	20	4 8.6	20.5
261368 2005 UX ₃₄₁	16.0	X	219.61327	352.69654	258.64981	9.03062	0.2355303	0.21805894	2.7337163	20	—	—
261369 2005 UZ ₃₄₁	16.2	X	10.55737	225.85059	263.84186	7.56343	0.0998568	0.21895851	2.7262238	20	1 3.8	19.3
261370 2005 UR ₃₄₂	16.8	X	161.59293	106.55394	292.44399	2.24127	0.1049938	0.23384975	2.6092244	20	3 31.9	20.8
261371 2005 UU ₃₅₀	15.8	X	72.67317	12.45653	304.46175	5.44440	0.0506091	0.20386469	2.8591792	20	12 4.7	19.9
261372 2005 UF ₃₅₃	15.5	X	194.73551	336.32051	234.81884	14.32120	0.0863672	0.20360206	2.8616374	20	12 9.3	19.7
261373 2005 UT ₃₅₃	15.3	X	236.12065	3.39724	35.20630	28.51948	0.1434483	0.17780990	3.1320746	20	6 8.7	20.6
261374 2005 UA ₃₅₄	15.5	X	191.91782	70.53759	47.72483	26.34810	0.2350964	0.17873124	3.1213016	20	8 17.4	21.3
261375 2005 UJ ₃₅₆	15.8	X	186.70386	223.25834	188.03187	6.60078	0.1713338	0.17147956	3.2086903	20	5 15.9	21.1
261376 2005 UJ ₃₅₇	15.8	X	277.08141	214.21166	145.67882	14.72982	0.2357930	0.18195823	3.0842880	20	6 3.5	20.5
261377 2005 UJ ₃₅₈	15.2	X	237.38255	30.50361	219.26884	9.24443	0.0549188	0.15410974	3.4454767	20	—	—
261378 2005 UH ₃₆₃	16.2	X	313.43443	246.98863	53.24064	17.39028	0.2748743	0.18072877	3.0982600	20	4 30.5	20.1
261379 2005 UJ ₃₆₆	16.3	X	140.75267	209.67872	104.54161	5.74659	0.0556581	0.21300895	2.7767545	20	—	—
261380 2005 UC ₃₆₈	16.4	X	215.87767	24.30577	73.85357	4.74312	0.0344995	0.18402946	3.0661102	20	8 20.5	20.8
261381 2005 UP ₃₆₉	16.0	X	358.40560	101.29394	208.92799	9.46271	0.1147304	0.18544726	3.0454802	20	8 16.4	19.9
261382 2005 UB ₃₇₀	16.9	X	53.98119	348.00238	115.04180	3.63630	0.0299241	0.22249728	2.6972399	20	2 2.2	20.2
261383 2005 UX ₃₇₂	16.3	X	355.21120	280.25807	247.94049	8.14449	0.2187926	0.21812534	2.7331616	20	1 15.2	19.2
261384 2005 UR ₃₇₅	16.1	X	259.05220	314.35515	263.94003	6.70077	0.1633179	0.21599497	2.7511037	20	—	—
261385 2005 UF ₃₈₇	16.2	X	23.22848	288.06759	30.14019	2.32384	0.0342502	0.18971718	2.9996111	20	10 2.1	20.1
261386 2005 UE ₃₈₈	16.7	X	323.11337	79.62810	145.64139	2.46056	0.0161710	0.23144539	2.6272639	20	3 8.2	20.1
261387 2005 UF ₃₈₈	16.6	X	276.52889	237.59123	74.67760	3.35724	0.1822668	0.17536545	3.1611130	20	4 10.6	21.3
261388 2005 UF ₃₉₅	16.5	X	161.61410	11.73944	115.12248	2.56312	0.1512126	0.18094433	3.0957989	20	7 23.0	21.4
261389 2005 UK ₄₀₂	16.2	X	175.10485	105.75296	39.39374	10.25870	0.2014017	0.18257209	3.0773706	20	8 30.5	21.5
261390 2005 UR ₄₀₃	16.8	X	322.71963	314.83372	173.81350	2.96467	0.0855323	0.21215158	2.7842306	20	—	—
261391 2005 UH ₄₀₄	16.9	X	73.40525	88.24040	146.13841	2.66808	0.1745442	0.25575159	2.4580487	20	9 17.5	20.4
261392 2005 UJ ₄₁₃	14.9	X	281.90157	61.56302	229.85901	25.94539	0.2137855	0.17231246	3.1983422	20	3 9.6	20.2
261393 2005 UD ₄₁₅	16.3	X	224.39590	205.10660	209.32318	8.96724	0.0834257	0.17834150	3.1258475	20	6 27.9	21.1
261394 2005 UF ₄₁₅	17.2	X	176.74754	261.85796	112.53128	2.44608	0.1597168	0.23230990	2.6207418	20	3 21.3	21.5
261395 2005 UN ₄₃₈	16.3	X	290.83144	359.57472	281.94633	0.73378	0.0430576	0.16889982	3.2412803	20	4 7.8	20.9
261396 2005 US ₄₃₉	15.8	X	59.00246	115.29364	265.02266	10.29519	0.0359240	0.21304206	2.7764668	20	—	—
261397 2005 UJ ₄₃₉	15.6	X	143.10677	320.77042	307.97534	12.47954	0.1769838	0.21072109	2.7968170	20	12 26.4	20.4
261398 2005 UG ₄₄₀	16.1	X	14.23450	168.51943	280.91696	5.15236	0.0222905	0.21627591	2.7487207	20	—	—
261399 2005 UR ₄₄₁	16.5	X	61.84920	184.16203	69.23510	8.64382	0.0829642	0.25295381	2.4761402	20	9 19.5	19.8
261400 2005 UG ₄₄₅	15.8	X	232.07347	195.48493	186.12434	7.44107	0.1850795	0.17717133	3.1395959	20	5 19.7	20.9
261401 2005 UH ₄₅₁	16.5	X	346.08358	153.49705	265.85261	3.77385	0.1446298	0.22388567	2.6860774	20	2 27.5	19.6
261402 2005 UE ₄₅₄	16.3	X	160.66614	83.54723	272.70680	11.84775	0.1438942	0.22898184	2.6460742	20	2 7.4	20.6
261403 2005 UT ₄₅₅	15.6	X	166.52621	188.98078	276.85295	8.21067	0.0508766	0.17893434	3.1189393	20	6 30.1	20.0
261404 2005 UD ₄₅₉	17.0	X	311.03764	316.84667	154.81549	2.51957	0.0541696	0.20670496	2.8329275	20	—	—
261405 2005 UK ₄₅₉	16.9	X	91.10533	147.96620	337.89081	4.11878	0.1729883	0.23634701	2.5908124	20	5 11.4	20.4
261406 2005 UP ₄₆₇	16.1	X	117.58862	96.73654	302.42253	4.76972	0.0230420	0.22314278	2.6920357	20	2 2.3	19.6
261407 2005 UM ₄₇₆	16.4	X	202.14298	359.77376	189.01873	2.45624	0.1041950	0.19973150	2.8984891	20	11 18.5	20.6
261408 2005 US ₄₇₇	15.5	X	220.92103	293.67500	130.35546	27.32541	0.1994897	0.17829585	3.1263809	20	6 30.1	20.9
261409 2005 UZ ₄₇₇	16.1	X	176.61237	143.93026	335.20628	0.89383	0.1393973	0.17919287	3.1159386	20	7 27.4	21.1
261410 2005 UD ₄₇₈	16.1	X	58.17024	341.14848	84.07875	10.50518	0.1792001	0.21685195	2.7438508	20	1 3.6	18.8
261411 2005 UD ₄₈₁	15.8	X	200.87787	206.96537	125.49836	15.46000	0.2641544	0.23312747	2.6146110	20	2 22.4	20.5
261412 2005 UY ₄₈₂	15.5	X	204.73531	241.51207	189.21239	10.74798	0.0302019	0.18008327	3.1056592	20	6 30.1	20.1
261413 2005 UZ ₄₈₂	16.5	X	85.24043	260.04188	87.50834	4.48649	0.1008251	0.21186071	2.7867784	20	—	—
261414 2005 UN ₄₈₃	16.3	X	96.00837	199.24309	166.60985	6.04247	0.0604233	0.21791653	2.7349072	20	—	—
261415 2005 UU ₄₈₆	16.1	X	165.27418	131.07492	284.31452	12.71399	0.0870427	0.24061360	2.5600942	20	4 20.6	20.2
261416 2005 UG ₄₈₇	15.9	X	178.93353	346.60428	279.37885	7.96834	0.1495710	0.21683145	2.7440237	20	—	—
261417 2005 UJ ₄₈₉	15.5	X	224.70450	124.42531	269.13381	9.90275	0.1049157	0.17747126	3.1360576	20	5 31.8	20.2
261418 2005 UJ ₄₉₀	16.4	X	167.31169	48.97811	324.86531	6.39429	0.1314453	0.23015313	2.6370890	20	3 7.9	20.5
261419 2005 UM ₄₉₄	15.8	X	302.90042	334.05902	104.21671	7.22776	0.0722149	0.19720430	2.9231996	20	11 14.5	19.6
261420 2005 UJ ₄₉₈	15.3	X	249.12227	288.08067	100.82194	10.93582	0.0719576	0.18128322	3.0919394	20	6 26.7	19.8
261421 2005 UK ₄₉₉	16.1	X	276.84861	255.55348	157.77787	11.52426	0.1005135	0.18992139	2.9974605	20	8 29.4	19.9
261422 2005 UA ₅₀₉	16.4	X	157.98303	55.39705	275.11054	4.72188	0.0431055	0.21707542	2.7419674	20	—	—
261423 2005 UF ₅₀₉	16.1	X	113.54689	290.65031	73.01883	13.89930	0.0411150	0.21620108	2.7493550	20	—	—
261424 2005 UW ₅₀₉	16.6	X	282.63565	228.21026	262.96194	0.93464	0.0169675	0.20243302	2.8726441	20	12 26.7	20.6
261425 2005 UN ₅₁₀	15.7	X	85.39563	196.61986	54.01937	11.78828	0.0643414	0.18925621	3.0044798	20	10 4.0	20.1
261426 2005 UK ₅₁₄	16.3	X	71.63894	51.15360	181.99749	10.38421	0.0519925	0.18982404	2.9984852	20	8 16.4	20.6
261427 2005 UN ₅₁₄	16.8	X	48.82014	225.59862	106.11874	3.20634	0.0742983	0.20392456	2.8586196	20	11 28.5	

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
261441 2005 VY ₇	16.6 ^m	X	153.83750	66.94057	251.51638	3.73806	0.1101975	0.22016273	2.7162736	20	—	—
261442 2005 VS ₁₃	16.1	X	115.93509	354.65777	139.89459	5.82089	0.0703746	0.24023202	2.5628043	20	6 11.2	19.6
261443 2005 VM ₁₄	16.0	X	18.35158	185.41218	223.90500	11.96840	0.0710510	0.20613263	2.8381688	20	—	—
261444 2005 VR ₂₃	16.1	X	195.17621	24.88677	234.92096	14.91238	0.2168195	0.21410347	2.7672830	20	—	—
261445 2005 VA ₂₇	16.7	X	41.17687	356.89365	330.71755	1.18043	0.0881335	0.19911763	2.9044433	20	11 13.9	20.6
261446 2005 VS ₂₈	15.9	X	186.72694	232.12837	201.90727	8.91208	0.0605505	0.17463605	3.1699089	20	6 13.0	20.7
261447 2005 VE ₃₀	16.1	X	54.05515	238.03695	99.69579	3.31977	0.0175868	0.19793533	2.9159976	20	12 2.9	20.1
261448 2005 VO ₃₀	15.3	X	225.85806	5.07967	70.77623	13.46959	0.1979678	0.17850937	3.1238874	20	7 17.7	20.5
261449 2005 VH ₃₁	15.7	X	90.91897	349.03776	238.67758	10.61863	0.0739066	0.18345688	3.0674680	20	9 1.9	20.3
261450 2005 VX ₃₉	16.1	X	233.94603	45.75439	9.86760	3.79537	0.1269189	0.18046184	3.1013144	20	7 6.9	20.8
261451 2005 VW ₄₂	15.8	X	177.62060	254.91964	200.88627	11.76531	0.2651421	0.17297076	3.1902221	20	6 27.9	21.6
261452 2005 VV ₄₃	17.5	X	38.01234	355.57174	58.75652	4.27892	0.1023593	0.21589864	2.7519220	20	—	—
261453 2005 VB ₄₉	16.2	X	49.48259	230.00825	146.80201	9.67705	0.1828033	0.20946144	2.8080187	20	—	—
261454 2005 VY ₅₀	15.7	X	168.72089	269.59759	167.33575	8.40030	0.1280392	0.17214267	3.2004449	20	5 30.5	20.9
261455 2005 VS ₅₂	15.7	X	288.07438	17.55041	74.61929	10.49406	0.0734628	0.19586031	2.9365569	20	11 10.5	19.5
261456 2005 VB ₆₀	16.7	X	157.00003	244.97906	114.18311	5.05241	0.1945115	0.22744915	2.6579482	20	2 16.6	20.9
261457 2005 VE ₆₈	15.7	X	185.13041	131.29666	182.45113	5.66162	0.1085206	0.15369402	3.4516870	20	1 21.6	21.2
261458 2005 VK ₆₈	16.6	X	179.90437	161.11533	63.08506	16.45835	0.0832070	0.20101616	2.8861267	20	12 8.0	20.9
261459 2005 VP ₆₉	16.2	X	83.39850	300.88016	77.17466	7.11022	0.1337754	0.21317990	2.7752698	20	—	—
261460 2005 VB ₇₂	16.6	X	58.43739	320.37051	77.26700	4.11357	0.2368821	0.21210360	2.7845505	20	—	—
261461 2005 VQ ₇₂	15.6	X	265.88695	176.47489	72.31572	12.20725	0.1213061	0.22122763	2.7075499	20	1 15.8	19.8
261462 2005 VN ₇₃	15.6	X	253.94307	162.39110	220.24391	9.49141	0.0948425	0.17623394	3.1507190	20	6 20.7	20.2
261463 2005 VS ₇₆	17.0	X	196.37164	171.05295	229.87635	21.10649	0.0633914	0.37758404	1.8958048	20	5 8.1	19.0
261464 2005 VM ₇₇	15.6	X	203.72753	16.58969	44.35536	9.85641	0.0682978	0.17490380	3.1666730	20	6 14.1	20.4
261465 2005 VG ₈₂	16.5	X	128.12804	33.56881	273.77424	2.62868	0.1687846	0.21454152	2.7635149	20	—	—
261466 2005 VB ₉₂	16.4	X	154.65109	225.41023	69.02202	4.58911	0.0719725	0.21216647	2.7841003	20	—	—
261467 2005 VU ₉₂	16.7	X	301.89468	208.42194	178.91444	4.34443	0.1250417	0.18671642	3.0316638	20	8 27.6	20.5
261468 2005 VY ₁₀₁	15.9	X	173.17970	43.43269	292.26380	10.61392	0.0367031	0.22368308	2.6876990	20	1 22.6	19.5
261469 2005 VJ ₁₀₈	16.4	X	164.63872	328.57814	216.92628	8.04509	0.0260604	0.19212612	2.9744849	20	10 6.3	20.8
261470 2005 VO ₁₁₀	17.0	X	160.17430	291.16120	56.91189	4.94442	0.0999068	0.22391833	2.6858161	20	1 29.7	21.0
261471 2005 VZ ₁₁₀	16.0	X	315.61599	287.62599	54.64170	10.10625	0.0854621	0.18362207	3.0656281	20	7 27.3	20.1
261472 2005 VG ₁₁₃	16.2	X	228.94645	231.05536	190.23169	9.44433	0.1436036	0.17953628	3.1119640	20	7 5.3	21.2
261473 2005 VQ ₁₁₄	15.9	X	304.02205	49.30150	356.09867	3.10304	0.0661314	0.19020271	2.9945042	20	10 1.2	19.7
261474 2005 VO ₁₁₆	16.4	X	186.14658	335.17237	343.26268	4.19134	0.1333994	0.22332708	2.6905545	20	1 22.3	20.5
261475 2005 VU ₁₁₆	14.8	X	254.64894	20.42603	23.12921	27.76139	0.1272825	0.18093761	3.0958755	20	7 23.0	19.9
261476 2005 VY ₁₁₇	15.5	X	224.54286	171.45723	221.56664	24.41646	0.2273636	0.17395564	3.1781694	20	5 22.5	20.9
261477 2005 VU ₁₁₉	15.5	X	11.29057	75.17698	173.93344	15.12182	0.0301187	0.18827270	3.0149341	20	12 11.5	19.9
261478 2005 VZ ₁₂₀	16.3	X	229.13673	270.72629	315.83920	17.22128	0.2533954	0.18145867	3.0899461	20	7 25.7	21.7
261479 2005 VH ₁₂₂	15.3	X	209.43648	269.10001	127.31545	17.66475	0.2724414	0.17605669	3.1528335	20	5 18.3	21.1
261480 2005 VJ ₁₂₄	16.0	X	189.23358	234.64601	267.49614	6.77880	0.0490291	0.18450534	3.0558364	20	9 6.7	20.7
261481 2005 VS ₁₂₄	15.9	X	57.10257	262.23192	81.44891	8.54175	0.0695916	0.20377686	2.8600007	20	12 21.9	19.9
261482 2005 VY ₁₂₄	15.3	X	122.12748	281.96794	269.06008	7.19424	0.1953410	0.17812180	3.1284172	20	9 1.5	20.5
261483 2005 VY ₁₂₅	15.8	X	146.77418	285.12647	190.53800	16.18923	0.0655126	0.18044623	3.1014932	20	6 20.4	20.7
261484 2005 VV ₁₃₀	16.3	X	244.70663	232.26218	160.19841	8.52449	0.0375830	0.18168245	3.0874083	20	6 30.0	20.8
261485 2005 VC ₁₃₃	15.8	X	263.69914	125.64693	187.60383	18.33498	0.1139834	0.17086142	3.2164246	20	4 5.7	20.5
261486 2005 VG ₁₃₄	16.5	X	101.48791	227.35340	82.82098	6.86372	0.0496762	0.20241210	2.8728420	20	12 29.3	20.6
261487 2005 VZ ₁₃₄	16.5	X	87.09223	19.55336	30.45895	3.90746	0.0623715	0.21908523	2.7251724	20	1 15.0	20.0
261488 2005 WN ₁	15.8	X	195.82672	63.92264	10.01255	25.90969	0.2583370	0.17020715	3.2018701	20	6 12.5	21.8
261489 2005 WT ₁	15.6	X	352.09866	266.01686	120.90364	18.04592	0.1940807	0.20120479	2.8843284	20	12 6.1	19.0
261490 2005 WV ₅	15.4	X	206.86507	25.53112	85.54988	11.00887	0.2080476	0.18132229	3.0914952	20	8 13.8	20.6
261491 2005 WW ₇	16.5	X	226.14044	22.07501	79.28974	4.88186	0.2733859	0.18281692	3.0746224	20	8 12.3	21.6
261492 2005 WB ₈	15.3	X	187.11060	8.72450	79.74119	17.87250	0.1675514	0.17280571	3.1922532	20	6 28.1	20.6
261493 2005 WT ₁₀	16.2	X	34.79121	193.26737	61.25872	6.44800	0.1298157	0.18054792	3.1003286	20	8 8.2	20.2
261494 2005 WM ₁₁	16.0	X	228.55942	261.86673	237.81327	6.64504	0.0032697	0.19433433	2.9519095	20	10 29.9	20.0
261495 2005 WJ ₁₅	16.7	X	305.53486	71.58240	25.91546	0.75356	0.0927331	0.19861744	2.9093176	20	12 9.9	20.1
261496 2005 WB ₁₆	16.3	X	286.89376	60.43269	69.33873	9.50600	0.1709418	0.19894060	2.9061661	20	12 14.3	19.6
261497 2005 WV ₁₇	16.0	X	276.69378	301.75120	74.23064	5.97670	0.1375531	0.17920655	3.1157801	20	7 5.2	20.3
261498 2005 WK ₂₀	16.5	X	94.15659	328.73355	40.26110	5.20751	0.0613830	0.21186442	2.7867458	20	—	—
261499 2005 WU ₂₁	15.7	X	51.48783	351.07790	259.61235	9.15028	0.0232920	0.18025585	3.1036766	20	8 6.4	20.2
261500 2005 WL ₂₈	15.4	X	251.79043	211.22737	258.84312	8.42545	0.0523616	0.19085617	2.9876650	20	10 11.9	19.7
261501 2005 WO ₂₈	16.3	X	57.78971	277.80502	50.33328	3.95729	0.1463190	0.19873712	2.9081495	20	12 12.5	20.5
261502 2005 WG ₂₉	16.7	X	335.14322	302.83475	35.12806	3.03604	0.0902889	0.18389889	3.0625509	20	8 19.8	20.4
261503 2005 WY ₃₀	16.0	X	346.53954	1.63401	303.03229	2.67185	0.0872079	0.17818374	3.1276921	20	7 22.4	19.8
261504 2005 WX ₃₅	15.0	X	297.59276	161.30902	85.43926	11.21564	0.1045549	0.15663255	3.4083802	20	3 3.1	19.9
261505 2005 WN ₃₇	16.0	X	320.40141	91.97488	252.26077	20.45426	0.3135243	0.18529158	3.0471857	20	7 1.7	19.2
261506 2005 WG ₄₁	16.6	X	89.69081	213.93394	62.97061	2.78832	0.0259407	0.19373984	2.9579450	20	11 1.8	20.7
261507 2005 WX ₄₃	16.2	X	11.94689	121.00297	269.10702	1.37171	0.1113467	0.20128844	2.8835235	20	12 27.1	19.6
261508 2005 WA ₄₆	16.1	X	204.36697	72.07663	65.46916	3.66838	0.2067069	0.18422725	3.0589108	20	9 11.5	21.1
261509 2005 WE ₄₆	15.7	X	206.96175	351.82048	70.44739	14.71177	0.0594107	0.17276155	3.1927971	20	6 19.9	20.6
261510 2005 WY ₄₆	15.9	X	62.32725	354.43141	63.93915	6.81113	0.0649769	0.21350939	2.7724139	20	—	—
261511 2005 WJ ₅₁	15.7	X	302.22109	337.77590	73.43555	10.35603	0.0384131	0.18878535	3.0094735	20	10 13.8	19.8
261512 2005 WJ ₅₈	16.9	X	269.33987	152.06050	315.83747	1.43136	0.3719311	0.18911173	3.0060099	20	9 17.2	21.3
261513 2005 WJ ₆₀	16.0	X	268.00359	41.61230	60.92163	5.80745	0.1614633	0.19107006	2.9854350	20	10	

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Planet	H	G	M	ω	Ω	i	e	μ	a	TE	Oppos.	V		
261521	2005	WP ₇₁	16.1	X	72.66557	103.90234	301.64779	4.00013	0.1293020	0.21456871	2.7632814	20	—	—
261522	2005	WN ₇₄	15.6	X	270.19823	232.91744	148.48892	11.36690	0.1199355	0.18085507	3.0968173	20	7 5.9	20.1
261523	2005	WU ₇₅	16.3	X	204.71962	125.83059	39.99816	4.92228	0.1238764	0.19049434	2.9914471	20	10 21.4	20.8
261524	2005	WV ₈₀	16.4	X	322.40459	20.40238	354.86984	1.09482	0.1692291	0.18829425	3.0147040	20	9 12.6	19.6
261525	2005	WU ₈₁	16.0	X	40.83580	154.92923	289.84433	3.87880	0.1274521	0.21332885	2.7739778	20	—	—
261526	2005	WP ₈₂	16.2	X	97.75794	83.08595	230.96122	6.14360	0.0624527	0.20447397	2.8534966	20	12 30.8	20.4
261527	2005	WC ₈₄	16.1	X	57.32408	30.83438	49.68616	4.78891	0.0263564	0.21771769	2.7365721	20	1 9.9	19.8
261528	2005	WO ₈₆	15.8	X	94.59775	320.41157	76.53890	6.86141	0.0516546	0.21676611	2.7445751	20	1 6.9	19.4
261529	2005	WJ ₉₁	16.2	X	344.78709	356.60152	35.08368	2.37897	0.1226096	0.19578809	2.9372790	20	11 16.8	19.7
261530	2005	WN ₉₅	16.1	X	54.61012	153.53262	81.20706	9.73104	0.1276112	0.17574636	3.1565438	20	8 10.9	20.4
261531	2005	WM ₉₉	16.1	X	132.14354	290.85903	80.79080	7.28330	0.0426973	0.21818477	2.7326652	20	1 21.7	20.0
261532	2005	WT ₉₉	16.5	X	292.68984	335.23475	85.68389	3.11803	0.1772197	0.19019464	2.9945888	20	9 22.8	20.0
261533	2005	WK ₁₀₄	15.4	X	162.61011	31.16162	91.28320	11.45119	0.1693649	0.17347365	3.1840536	20	7 19.0	20.7
261534	2005	WF ₁₀₈	16.1	X	128.56785	310.69490	84.96863	7.02150	0.0256241	0.22271005	2.6955217	20	2 14.9	19.8
261535	2005	WE ₁₁₃	15.7	X	197.88170	207.63486	111.86726	11.17982	0.0444433	0.22280403	2.6947637	20	2 2.0	19.5
261536	2005	WV ₁₁₅	16.0	X	133.75023	292.89961	136.67057	14.32131	0.0882206	0.23078123	2.6323021	20	4 14.8	20.0
261537	2005	WG ₁₁₆	15.9	X	24.80036	274.99139	240.75886	12.10118	0.1956564	0.21994641	2.7180543	20	2 26.8	18.8
261538	2005	WW ₁₁₉	16.4	X	324.02160	23.05826	47.32147	2.60350	0.0884806	0.19751126	2.9201700	20	12 3.2	20.0
261539	2005	WR ₁₂₁	15.3	X	252.69053	246.90733	246.92379	9.94378	0.0570963	0.19260516	2.9695509	20	11 14.0	19.4
261540	2005	WM ₁₂₂	16.1	X	261.22056	356.25905	10.34728	1.60275	0.0681787	0.18428850	3.0582330	20	6 13.4	20.3
261541	2005	WL ₁₂₃	17.3	X	220.59556	136.95030	183.82894	0.52362	0.0324054	0.23119244	2.6291799	20	2 28.0	21.0
261542	2005	WH ₁₂₅	16.4	X	238.71338	358.32460	36.53016	0.61549	0.1868592	0.17800443	3.1297922	20	6 9.4	21.4
261543	2005	WU ₁₃₁	16.3	X	155.53071	205.04412	67.03395	7.50056	0.0256550	0.20393596	2.8585130	20	—	—
261544	2005	WR ₁₃₃	16.1	X	230.79868	78.99356	72.17679	11.53330	0.1500797	0.19149567	2.9810099	20	10 31.3	20.5
261545	2005	WV ₁₃₅	15.1	X	268.10812	79.45700	282.14090	19.88492	0.0413957	0.16822700	3.2499168	20	6 20.3	19.7
261546	2005	WD ₁₃₆	16.2	X	297.89562	306.34234	67.44967	2.35344	0.0619846	0.18196951	3.0841605	20	8 12.8	20.2
261547	2005	WY ₁₃₈	16.3	X	49.48509	15.01173	258.57011	3.17360	0.1310054	0.18466655	3.0540576	20	9 19.9	20.4
261548	2005	WD ₁₄₁	16.0	X	162.84713	310.22449	219.44967	8.30390	0.0775246	0.18920910	3.0049785	20	9 12.1	20.7
261549	2005	WV ₁₄₁	15.8	X	54.06274	265.63767	18.48954	2.00556	0.0510881	0.19970584	2.8987373	20	10 1.9	19.7
261550	2005	WK ₁₄₈	16.1	X	57.42409	269.58219	107.98967	7.40879	0.1534276	0.20974346	2.8055010	20	—	—
261551	2005	WE ₁₄₉	16.0	X	301.50946	350.08998	40.96379	9.82985	0.0848628	0.18577992	3.0418435	20	9 11.6	20.0
261552	2005	WY ₁₅₀	15.5	X	234.20466	211.35525	271.98884	9.55244	0.0555896	0.18868132	3.0105796	20	10 4.6	20.0
261553	2005	WG ₁₅₂	15.4	X	345.40774	243.74561	254.94191	12.27527	0.1580294	0.21665578	2.7455068	20	—	—
261554	2005	WQ ₁₅₂	16.7	X	224.55041	80.24451	27.50012	1.72998	0.1330990	0.18412588	3.0600334	20	8 30.6	21.2
261555	2005	WS ₁₅₂	16.8	X	41.85416	340.22975	40.42508	2.46555	0.0205726	0.20284989	2.8687071	20	—	—
261556	2005	WE ₁₅₄	16.1	X	81.54484	280.70971	52.97917	6.39869	0.0748251	0.20293858	2.8678712	20	—	—
261557	2005	WQ ₁₅₆	16.1	X	324.99636	253.32286	51.18840	12.91225	0.1709624	0.18247632	3.0784471	20	6 7.1	19.8
261558	2005	WM ₁₆₀	16.3	X	224.71902	140.36943	339.56172	3.75589	0.2441299	0.18510265	3.0492588	20	9 3.4	21.3
261559	2005	WM ₁₆₄	16.2	X	40.95688	221.45436	81.56148	2.37439	0.1137952	0.19260187	2.9695847	20	10 17.5	20.2
261560	2005	WA ₁₆₇	16.8	X	51.01893	207.59517	222.84731	2.46260	0.0901718	0.21400764	2.7681091	20	—	—
261561	2005	WO ₁₆₈	16.3	X	32.47904	354.68564	98.68256	5.1942	0.0344412	0.21304950	2.7764022	20	—	—
261562	2005	WP ₁₆₈	15.8	X	349.40596	276.91792	82.94909	11.33181	0.1414714	0.19016869	2.9948612	20	10 19.2	19.4
261563	2005	WL ₁₇₀	16.0	X	326.98930	245.07986	82.97522	8.21721	0.0608687	0.17857180	3.1231592	20	7 25.8	20.1
261564	2005	WB ₁₇₁	15.7	X	327.37631	306.83352	85.36528	10.82192	0.0835086	0.19002753	2.9963442	20	10 23.5	19.6
261565	2005	WP ₁₇₂	16.0	X	70.82840	242.16410	72.24023	13.08088	0.0440894	0.19717035	2.9235351	20	11 28.2	20.0
261566	2005	WX ₁₇₅	16.2	X	345.23010	32.54242	349.39358	2.16975	0.1506693	0.19126619	2.9833938	20	11 4.5	19.6
261567	2005	WY ₁₇₆	16.6	X	259.21625	28.97731	65.59799	3.99223	0.0506792	0.18563801	3.0433935	20	10 6.4	20.8
261568	2005	WT ₁₇₇	15.3	X	200.41715	46.20026	91.37849	18.53839	0.1649000	0.18086062	3.0967540	20	9 18.7	20.6
261569	2005	WQ ₁₇₈	16.3	X	337.06593	320.62782	123.45526	5.37543	0.1618327	0.20323140	2.8651158	20	—	—
261570	2005	WY ₁₈₆	16.3	X	200.86328	132.63827	25.66761	3.29306	0.1755243	0.18724558	3.0259494	20	10 4.1	21.2
261571	2005	WS ₁₈₈	16.3	X	94.49278	55.72329	239.44394	7.19236	0.0568142	0.19645671	2.9306107	20	12 3.0	20.6
261572	2005	WE ₁₈₉	15.6	X	7.84845	142.83500	265.55314	19.68119	0.1467601	0.20413417	2.8566623	20	—	—
261573	2005	WB ₁₉₁	15.9	X	117.88674	134.04059	256.32816	11.81554	0.0898255	0.22119593	2.7078086	20	1 28.8	19.8
261574	2005	WA ₁₉₈	15.7	X	191.36389	205.05281	203.19615	15.94995	0.2107377	0.17603475	3.1530954	20	7 4.9	21.3
261575	2005	WK ₁₉₉	16.7	X	295.39889	282.33460	340.80772	2.49508	0.0362759	0.22781282	2.6551187	20	3 17.5	20.2
261576	2005	WT ₁₉₉	16.1	X	195.07642	104.42601	42.39932	2.73773	0.0726475	0.18433175	3.0577545	20	9 22.0	20.6
261577	2005	WT ₂₀₃	15.6	X	109.23190	145.49696	282.17346	21.34906	0.0456081	0.23135028	2.6279839	20	2 19.3	19.6
261578	2005	WM ₂₁₀	15.4	X	69.42302	165.96047	75.25925	18.65710	0.0969050	0.18000855	3.1065186	20	9 10.7	20.2
261579	2005	XX ₃	16.2	X	146.91286	136.08795	219.99234	4.59682	0.0752561	0.21929136	2.7234644	20	1 21.5	20.2
261580	2005	XS ₄	16.0	X	32.82737	314.13618	99.98302	3.28859	0.0479373	0.20157636	2.8807771	20	—	—
261581	2005	XD ₈	16.7	X	233.34146	15.82842	73.62913	2.45107	0.1892941	0.18191520	3.0847743	20	8 11.3	21.4
261582	2005	XE ₈	15.8	X	348.62954	265.28602	77.99754	11.02929	0.0179491	0.18458310	3.0549781	20	9 20.8	20.2
261583	2005	XV ₁₀	16.0	X	274.07786	79.76871	46.33834	13.35612	0.0675563	0.20273199	2.8698191	20	12 2.2	19.8
261584	2005	XH ₁₁	15.7	X	35.75674	351.30477	87.66448	12.83017	0.0807039	0.21123090	2.7923151	20	—	—
261585	2005	XC ₁₄	16.4	X	357.29263	33.83680	143.76911	3.77291	0.0075249	0.22185426	2.7024492	20	2 22.3	19.8
261586	2005	XL ₂₀	15.5	X	6.49386	70.91692	282.73039	8.26208	0.0667268	0.19119466	2.9841378	20	10 22.9	19.5
261587	2005	XH ₂₄	15.6	X	246.34902	161.24698	275.76935	22.01711	0.1879766	0.18132016	3.0915195	20	8 1.1	20.5
261588	2005	XK ₂₄	15.4	X	282.92465	345.50992	75.13493	20.17972	0.2229678	0.18629543	3.0362294	20	9 8.4	19.7
261589	2005	XK ₂₅	16.2	X	139.63277	99.35338	259.14636	4.21685	0.0894358	0.22059697	2.7127078	20	1 18.2	20.1
261590	2005	XT ₂₇	15.8	X	334.23414	7								

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
261601 2005 XD ₆₀	16.3	X	108.15722	115.86055	273.64744	3.96677	0.0584787	0.21604595	2.7506709	20	1 15.5	19.9
261602 2005 XS ₆₇	16.6	X	319.87448	62.37513	29.07376	2.49382	0.0409907	0.19941100	2.9015940	20	12 24.5	20.4
261603 2005 XX ₆₇	16.9	X	248.33295	292.81753	80.13289	23.48718	0.1155750	0.37279785	1.9119966	20	6 2.0	18.8
261604 2005 XY ₇₂	16.2	X	32.07646	99.63975	292.19630	6.98423	0.2606729	0.20382830	2.8595194	20	—	—
261605 2005 XF ₈₇	16.6	X	186.70968	91.45039	61.60824	6.16945	0.2080483	0.17967672	3.1103423	20	9 16.0	21.9
261606 2005 XL ₈₇	15.4	X	315.46970	323.99337	72.17239	11.72120	0.1080580	0.18849054	3.0126107	20	10 9.6	19.2
261607 2005 XD ₉₁	15.7	X	47.75232	171.07601	73.36974	8.48437	0.1413107	0.17214214	3.2004515	20	8 15.9	20.0
261608 2005 XD ₁₀₆	16.1	X	160.32111	77.27138	79.08869	4.45166	0.1239041	0.17101282	3.2145259	20	8 27.5	21.3
261609 2005 YH ₁₁₂	15.4	X	223.45416	47.49154	117.41700	10.83451	0.0452913	0.18600550	3.0393837	20	11 20.5	19.9
261610 2005 XF ₁₁₃	15.0	X	217.69456	35.13324	72.99013	29.36779	0.2886276	0.17524728	3.1625339	20	8 19.3	20.9
261611 2005 XQ ₁₁₄	16.3	X	241.04920	214.36859	254.97779	3.64070	0.1932839	0.18213552	3.0822861	20	9 9.4	20.9
261612 2005 XX ₁₁₄	15.6	X	269.95319	197.77722	243.20349	4.25738	0.0635764	0.18363817	3.0654489	20	9 27.4	19.9
261613 2005 XA ₁₁₅	15.3	X	340.12065	78.21725	276.47960	14.62971	0.0630992	0.18425241	3.0586323	20	9 9.2	19.6
261614 2005 XJ ₁₁₅	14.8	X	310.26671	261.03954	82.52646	21.75403	0.0046807	0.17059054	3.2198286	20	7 27.7	19.6
261615 2005 YM ₅	15.8	X	337.72749	271.23473	78.37061	12.53461	0.0704409	0.18452312	3.0556400	20	9 14.7	19.9
261616 2005 YD ₁₀	16.5	X	48.24567	329.23879	99.89091	4.89601	0.0840706	0.21172918	2.7879324	20	—	—
261617 2005 YX ₁₂	15.8	X	122.29322	113.64752	98.85711	12.24148	0.0323211	0.17853684	3.1235670	20	9 27.2	20.5
261618 2005 YV ₁₃	15.4	X	135.76878	248.53029	296.82082	7.93750	0.0376619	0.17532759	3.1615682	20	8 29.8	20.0
261619 2005 YO ₁₄	16.2	X	274.71299	300.76505	106.50959	2.71135	0.1606135	0.17856624	3.1232241	20	8 8.9	20.6
261620 2005 YH ₁₈	16.9	X	54.70230	27.26042	335.45983	1.24494	0.0783006	0.20324693	2.8649699	20	—	—
261621 2005 YK ₂₂	16.7	X	310.96564	351.28838	37.12484	1.29137	0.1967361	0.18426631	3.0584785	20	9 5.7	20.1
261622 2005 YP ₂₂	15.6	X	154.16875	206.76863	96.51335	4.22373	0.1621420	0.20312760	2.8660918	20	—	—
261623 2005 YX ₂₂	16.3	X	309.78130	151.92198	219.53237	0.19561	0.1812099	0.18051328	3.1007252	20	8 11.7	19.8
261624 2005 YB ₂₄	15.8	X	247.46275	101.13666	287.31966	23.46889	0.2847930	0.17399086	3.1777405	20	6 1.0	21.3
261625 2005 YF ₂₆	16.3	X	64.50458	343.98555	34.18667	2.33372	0.0799205	0.20267330	2.8703732	20	—	—
261626 2005 YL ₂₇	15.9	X	150.08307	93.19342	94.02450	6.39243	0.0896117	0.17813710	3.1282381	20	9 25.3	20.8
261627 2005 YB ₃₁	15.5	X	98.79851	120.78725	110.76560	3.46735	0.0664589	0.17737892	3.1371459	20	9 20.9	20.0
261628 2005 YE ₃₃	15.7	X	267.33858	148.12129	284.98439	6.69266	0.0782199	0.18204096	3.0833534	20	9 9.9	20.0
261629 2005 YU ₃₄	15.7	X	138.67111	218.88513	123.85158	12.50211	0.0231587	0.20626436	2.8369603	20	—	—
261630 2005 YS ₃₅	16.1	X	213.11684	5.55024	146.86283	1.79506	0.1439392	0.18508793	3.0494206	20	10 11.4	20.7
261631 2005 YD ₃₈	15.2	X	297.16967	153.91402	343.76565	8.50564	0.0568471	0.19799785	2.9153837	20	—	—
261632 2005 YM ₃₈	15.2	X	283.64970	193.15836	321.91974	15.82523	0.1388405	0.19731391	2.9221169	20	—	—
261633 2005 YQ ₃₈	15.3	X	292.38310	22.81056	23.47721	10.31317	0.0525614	0.18742259	3.0240439	20	9 20.5	19.3
261634 2005 YE ₄₁	15.9	X	110.96657	244.99469	103.09878	7.01315	0.0825212	0.20986817	2.8043895	20	—	—
261635 2005 YC ₄₂	15.5	X	345.65686	225.67309	110.40857	10.19552	0.0862047	0.17754914	3.1351404	20	9 4.5	19.5
261636 2005 YN ₄₈	16.4	X	228.76723	166.84561	303.17926	1.42063	0.0731857	0.17954500	3.1118633	20	9 12.2	20.9
261637 2005 YL ₅₂	16.3	X	346.00601	95.70573	332.71186	0.86570	0.0999639	0.1945062	2.9406591	20	—	—
261638 2005 YL ₅₃	16.3	X	38.30320	260.64045	101.01006	3.02661	0.1217387	0.19413675	2.9539120	20	12 26.1	20.4
261639 2005 YE ₅₅	15.7	X	284.75431	154.09747	266.21679	8.27282	0.1792295	0.18477075	3.0529093	20	9 1.9	19.8
261640 2005 YU ₆₅	14.8	X	331.62674	233.62534	105.03387	24.33990	0.2139873	0.17897245	3.1184965	20	8 6.9	18.2
261641 2005 YC ₆₈	15.9	X	316.12109	285.38272	96.92584	12.38030	0.1513090	0.18358097	3.0660856	20	9 17.7	19.7
261642 2005 YN ₆₉	15.6	X	356.12125	342.36729	312.06785	4.47514	0.0298829	0.17050637	3.2208881	20	7 22.8	19.9
261643 2005 YV ₇₄	16.5	X	205.17322	86.98851	32.58753	1.02079	0.1231855	0.17968668	3.1102273	20	8 25.5	21.3
261644 2005 YU ₇₉	15.7	X	55.62580	191.69853	91.94269	4.39787	0.0325640	0.18091724	3.0961078	20	9 29.9	20.0
261645 2005 YJ ₇₉	15.9	X	316.52576	244.36778	95.69488	4.20213	0.0368330	0.17248691	3.1961853	20	7 27.3	20.2
261646 2005 YJ ₈₃	16.0	X	60.83309	184.31068	152.85270	3.08661	0.0608956	0.19181272	2.9777240	20	12 14.7	20.3
261647 2005 YQ ₈₉	16.1	X	299.43774	296.46235	135.25560	1.62263	0.1327867	0.18885174	3.0087682	20	10 22.7	19.6
261648 2005 YM ₉₂	16.1	X	200.74723	80.91795	136.00986	1.21829	0.2545651	0.18902859	3.0068913	20	12 5.2	21.2
261649 2005 YL ₉₃	17.1	X	229.14949	281.64122	95.04877	22.52435	0.0800294	0.37142728	1.9166972	20	5 22.6	19.6
261650 2005 YS ₉₃	17.5	X	285.11639	32.31954	281.21640	17.37677	0.0654553	0.36896326	1.9252212	20	4 21.8	19.9
261651 2005 YU ₉₅	16.2	X	313.77978	254.30380	121.92445	9.64575	0.1894491	0.18249337	3.0782555	20	8 27.2	19.7
261652 2005 YF ₉₇	15.4	X	15.38056	224.63881	91.50394	11.60519	0.0999869	0.18156299	3.0887624	20	9 29.3	19.6
261653 2005 YH ₉₈	16.2	X	253.81061	33.40146	97.05613	18.80807	0.2264715	0.18910107	3.0061228	20	10 27.3	20.8
261654 2005 YB ₉₉	15.7	X	206.14953	92.12953	81.76422	5.89115	0.1383358	0.18719185	3.0265285	20	10 31.9	20.4
261655 2005 YB ₁₀₃	16.5	X	275.83001	337.49960	138.32622	1.61294	0.1777868	0.19207241	2.9750394	20	11 6.5	20.3
261656 2005 YA ₁₀₆	16.1	X	217.34314	337.62038	267.03669	4.24529	0.0749666	0.20339388	2.8635897	20	—	—
261657 2005 YQ ₁₀₇	16.3	X	1.26527	132.78945	278.47864	7.09015	0.2055048	0.19920466	2.9035973	20	—	—
261658 2005 YS ₁₀₇	16.3	X	80.20653	206.02226	129.40445	3.72985	0.0747349	0.19665623	2.9286283	20	—	—
261659 2005 YA ₁₀₈	17.0	X	26.78841	227.77170	175.04653	2.00170	0.0810244	0.19963323	2.8994402	20	—	—
261660 2005 YC ₁₁₁	16.1	X	157.04475	8.67651	166.33366	3.40784	0.0955353	0.17781710	3.1319901	20	9 14.4	21.0
261661 2005 YL ₁₁₃	15.2	X	158.96237	101.44209	87.54641	9.77306	0.1241273	0.17980471	3.1088660	20	10 8.2	20.3
261662 2005 YA ₁₂₃	15.8	X	28.89669	157.44250	309.79377	13.31660	0.1488219	0.21187300	2.7866706	20	1 7.2	18.8
261663 2005 YL ₁₂₄	16.3	X	274.33124	155.40775	301.47250	7.38024	0.1773149	0.18941962	3.0027516	20	10 5.8	20.4
261664 2005 YL ₁₃₁	16.4	X	210.88787	154.13169	331.06310	0.88814	0.1154088	0.17815684	3.1280070	20	9 7.1	21.3
261665 2005 YR ₁₃₁	16.1	X	211.85730	12.40561	123.76525	2.11837	0.1312959	0.18005216	3.1060170	20	9 21.2	20.8
261666 2005 YM ₁₃₆	15.7	X	324.33006	263.53300	71.28964	6.36743	0.1528235	0.17478410	3.1681186	20	7 22.4	19.4
261667 2005 YW ₁₃₉	15.2	X	162.98331	227.02566	290.60409	8.14534	0.0187773	0.17849792	3.1240210	20	8 26.9	19.8
261668 2005 YN ₁₅₅	14.8	X	107.42957	105.92709	98.36824	27.95834	0.0811975	0.17559241	3.1583886	20	9 5.5	19.9
261669 2005 YR ₁₅₅	15.2	X	2.39624	279.93672	86.24288	10.81913	0.1165020	0.19265540	2.9690346	20	11 13.7	18.9
261670 2005 YF ₁₆₂	15.1	X	252.10666	186.03279	274.48536	21.64014	0.0514027	0.18362121	3.0656376	20	9 20.5	19.9
261671 2005 YH ₁₆₃	15.0	X	127.33782	94.40133	114.09185	13.80452	0.1517266	0.17810049	3.1286667	20	10 3.9	20.2
261672 2005 YG ₁₆₆	15.5	X	146.14800	311.33403	128.02922	11.29698	0.0309180	0.15912181	3.3727403	20	5 7.8	20.6
261673 2005 YJ ₁₆₈	16.3	X	302.67184	36.18849	352.72413	3.92913	0.2288726	0.18544141	3.045544			

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
261681 2005 YX ₁₈₈	16.2 ^m	X	241.14287	240.13471	277.61800	0.68292	0.1930271	0.18501010	3.0502757	20	11 9.3	20.5
261682 2005 YZ ₁₈₉	16.0	X	195.20680	55.20754	87.26449	4.62697	0.1248189	0.17917205	3.1161801	20	9 14.2	20.9
261683 2005 YL ₁₉₄	15.8	X	321.81501	72.31458	274.82317	9.45075	0.1276400	0.17740302	3.1368617	20	8 2.7	19.7
261684 2005 YJ ₁₉₆	16.4	X	33.60427	351.81962	53.96340	2.81944	0.0628132	0.20216354	2.8751963	20	—	—
261685 2005 YV ₂₀₁	16.1	X	240.59721	202.12985	193.07387	0.71748	0.0233075	0.16908448	3.2389200	20	6 30.0	20.5
261686 2005 YA ₂₀₇	15.3	X	253.75930	290.45821	144.35423	17.32238	0.2456868	0.17664143	3.1458716	20	8 5.7	20.2
261687 2005 YA ₂₀₈	16.1	X	300.82671	66.11962	8.21583	0.49900	0.1818321	0.18858292	3.0116267	20	10 21.9	19.4
261688 2005 YA ₂₀₉	15.6	X	344.99238	346.92363	63.38882	11.26833	0.1319909	0.19292174	2.9663014	20	12 10.8	19.0
261689 2005 YH ₂₀₉	16.0	X	316.11422	29.49441	16.18827	9.99565	0.2643896	0.19067123	2.9895967	20	10 4.9	18.7
261690 Jodorowsky	15.3	X	315.19198	259.56054	106.89993	11.50392	0.0537162	0.17836058	3.1256244	20	8 31.1	19.6
261691 2005 YM ₂₁₁	15.6	X	212.53743	133.58648	279.10008	17.84638	0.1319208	0.17218006	3.1999816	20	6 10.7	20.7
261692 2005 YT ₂₁₃	14.8	X	139.98907	70.76224	93.70821	12.40582	0.0753457	0.16944982	3.2342628	20	8 16.4	19.8
261693 2005 YW ₂₁₃	15.7	X	258.66453	293.20190	108.16766	16.59277	0.2002736	0.17413027	3.1760441	20	7 6.5	20.5
261694 2005 YD ₂₁₅	14.8	X	168.31618	53.38936	98.30438	17.50315	0.0575391	0.17743321	3.1365059	20	9 3.8	19.7
261695 2005 YQ ₂₁₉	17.3	X	87.11393	217.67405	330.67974	19.11652	0.0443438	0.37168832	1.9157997	20	7 28.5	19.3
261696 2005 YH ₂₂₀	16.6	X	183.96153	184.57274	255.50595	6.92116	0.3856053	0.16680698	3.2683350	20	6 13.9	22.8
261697 2005 YS ₂₂₁	16.6	X	230.82764	138.97493	336.99639	1.48809	0.1494397	0.18510313	3.0492536	20	9 13.9	21.2
261698 2005 YV ₂₂₅	15.3	X	346.13875	208.18843	74.56408	12.18808	0.0231950	0.17366818	3.1816755	20	6 23.5	19.6
261699 2005 YS ₂₂₇	15.4	X	274.41823	336.57653	118.72684	14.21080	0.0584405	0.18730634	3.0252950	20	10 30.9	19.8
261700 2005 YC ₂₃₇	15.7	X	237.29453	187.95356	132.95790	8.04010	0.0566663	0.18194333	3.0844564	20	9 21.9	20.3
261701 2005 YR ₂₃₈	15.7	X	18.74831	185.72660	108.10092	3.07800	0.0727175	0.17715631	3.1397733	20	8 27.2	19.8
261702 2005 YT ₂₅₁	15.9	X	339.37064	231.59094	125.87260	2.42329	0.1481411	0.18463791	3.0543734	20	9 21.5	19.2
261703 2005 YL ₂₆₂	16.2	X	12.53306	294.65560	118.35869	2.95707	0.0884314	0.19909635	2.9046503	20	—	—
261704 2005 YC ₂₇₀	15.4	X	183.63175	264.58033	305.18433	13.16046	0.1985319	0.18318812	3.0704676	20	11 12.4	20.8
261705 2005 YQ ₂₇₀	15.6	X	201.78718	321.03442	132.90522	5.78836	0.0865527	0.16922462	3.2371315	20	7 22.4	20.4
261706 2005 YW ₂₇₂	16.2	X	66.82983	104.44147	324.03985	7.52544	0.1409139	0.21151185	2.7898418	20	1 21.1	19.5
261707 2005 YV ₂₉₀	15.2	X	195.26241	70.25742	97.50568	14.24322	0.0338757	0.18991166	2.9975628	20	10 27.5	19.8
261708 2006 AG ₂	16.0	X	159.95033	297.58039	212.89804	4.01904	0.1234520	0.17429114	3.1740895	20	8 16.8	21.1
261709 2006 AZ ₃	15.0	X	231.42492	316.07647	124.31700	10.29648	0.0490691	0.17479306	3.1680104	20	8 13.1	19.5
261710 2006 AB ₈	16.7	X	316.66801	12.66604	290.81976	16.85464	0.0703423	0.36804906	1.9284079	20	6 8.8	18.5
261711 2006 AR ₈	15.8	X	204.66986	125.86381	121.51711	19.03588	0.1719683	0.19742058	2.9210642	20	—	—
261712 2006 AZ ₈	15.4	X	273.62011	321.65287	116.51633	12.37379	0.1135498	0.18407856	3.0605577	20	9 29.1	19.7
261713 2006 AH ₁₁	15.2	X	221.74095	65.21020	96.89775	17.89662	0.1927129	0.18131470	3.0915816	20	11 2.0	20.3
261714 2006 AM ₁₁	17.1	X	313.99191	258.25177	100.49373	23.84014	0.1229318	0.38114678	1.8839724	20	10 4.5	19.1
261715 2006 AF ₁₆	16.2	X	12.26953	294.13766	133.49717	2.85084	0.0666028	0.19965337	2.8992453	20	—	—
261716 2006 AH ₁₉	15.2	X	266.05884	12.28318	107.13903	20.68118	0.2221030	0.18507714	3.0495390	20	10 29.6	19.7
261717 2006 AO ₁₉	15.3	X	335.19674	316.61863	90.05102	12.70168	0.1139931	0.19285080	2.9670287	20	11 22.3	18.9
261718 2006 AA ₂₂	16.8	X	53.82759	281.18728	337.28715	19.39307	0.0793470	0.37652233	1.8993670	20	9 21.8	18.8
261719 2006 AW ₂₂	15.8	X	153.14958	190.93520	97.96233	3.16905	0.0535264	0.19894818	2.9060923	20	—	—
261720 2006 AC ₂₄	15.4	X	198.69084	103.86420	80.47110	12.58934	0.0580980	0.19256116	2.9700032	20	11 14.9	19.8
261721 2006 AD ₂₄	16.0	X	244.25260	128.04727	297.91131	0.58292	0.0212120	0.18120461	3.0928336	20	8 13.9	20.3
261722 2006 AD ₃₁	16.8	X	286.82096	143.00206	27.39257	1.06072	0.0826204	0.20425977	2.8554912	20	—	—
261723 2006 AF ₄₀	16.2	X	197.48339	94.38272	104.37713	3.10003	0.0097180	0.18852839	3.0122075	20	12 2.7	20.4
261724 2006 AF ₄₁	15.5	X	265.59645	318.52410	134.20194	12.98488	0.1663410	0.18375168	3.0641864	20	9 27.6	19.8
261725 2006 AX ₄₁	15.7	X	299.15742	215.13116	138.52599	10.74246	0.0592770	0.17013586	3.2255626	20	7 17.2	20.2
261726 2006 AZ ₄₃	15.2	X	248.21114	356.36805	87.37438	17.06704	0.0694095	0.17773684	3.1329328	20	9 11.7	20.0
261727 2006 AN ₄₄	15.7	X	322.09961	63.51839	333.09149	8.11341	0.0791971	0.18309538	3.0715043	20	10 11.1	19.7
261728 2006 AS ₄₇	15.4	X	342.24818	117.50339	279.64739	10.13320	0.0741680	0.18907676	3.0063806	20	11 13.9	19.4
261729 2006 AJ ₄₉	15.6	X	3.09322	249.49563	80.98219	6.71314	0.1768886	0.18372911	3.0644373	20	10 3.6	19.1
261730 2006 AO ₅₂	16.6	X	165.71728	37.44924	205.22547	2.37678	0.0321647	0.19179624	2.9778946	20	12 17.2	20.8
261731 2006 AB ₅₉	15.7	X	215.87738	170.47567	317.00178	16.71214	0.1525572	0.17917440	3.1161528	20	9 6.1	20.8
261732 2006 AB ₆₅	16.0	X	126.92065	279.36309	293.86757	3.42202	0.1369358	0.17756866	3.1349107	20	9 30.6	21.0
261733 2006 AQ ₆₆	16.1	X	31.66361	91.12084	292.89913	11.43673	0.1106705	0.19534842	2.9416847	20	—	—
261734 2006 AX ₇₄	15.7	X	213.11856	93.54553	55.30940	20.99417	0.3144061	0.17928920	3.1148225	20	10 3.2	21.4
261735 2006 AG ₇₈	15.2	X	262.73483	310.56998	167.55941	12.59015	0.1961733	0.18174527	3.0866968	20	10 19.5	19.5
261736 2006 AF ₈₂	15.0	X	42.99403	160.71588	112.42602	11.10119	0.0193150	0.17368895	3.1814218	20	8 29.3	19.5
261737 2006 AZ ₈₂	15.6	X	199.65269	59.52405	72.90924	5.79837	0.1168471	0.17729887	3.1380901	20	9 7.3	20.6
261738 2006 AD ₉₀	15.9	X	51.07838	240.91941	79.75740	10.37753	0.0456400	0.19461557	2.9490648	20	11 13.4	20.0
261739 2006 AH ₉₆	15.1	X	270.11001	315.84523	75.60320	17.24936	0.1485032	0.17348966	3.1838577	20	7 15.1	19.7
261740 2006 AG ₉₈	14.8	X	193.55481	85.23990	101.23608	26.23894	0.2422061	0.17580516	3.1558400	20	11 5.8	20.6
261741 2006 AP ₁₀₀	15.3	X	23.34887	183.91525	88.99477	16.72754	0.0488775	0.17549790	3.1595224	20	8 5.8	19.7
261742 2006 AL ₁₀₂	15.8	X	7.49878	314.18709	140.17360	9.71466	0.0580573	0.19822515	2.9131547	20	—	—
261743 2006 AM ₁₀₅	15.7	X	269.31583	10.16341	82.19613	14.75746	0.2347902	0.18322668	3.0700367	20	9 25.8	20.2
261744 2006 AS ₁₀₅	16.0	X	330.60395	243.75503	113.07403	2.06815	0.1983089	0.17706594	3.1408415	20	8 30.6	19.1
261745 2006 BO ₉	15.5	X	297.07412	245.16158	140.64642	17.25648	0.2302051	0.18031186	3.1030339	20	8 1.5	19.2
261746 2006 BE ₁₀	15.1	X	179.90869	79.79778	114.04827	12.33894	0.0235965	0.18350222	3.0669627	20	11 8.3	19.7
261747 2006 BM ₁₀	15.9	X	93.63325	222.52468	347.74306	1.04685	0.0708688	0.16920517	3.2373796	20	8 17.7	20.6
261748 2006 BS ₁₀	15.3	X	99.89856	174.57671	126.42156	11.22815	0.0422303	0.18844674	3.0130775	20	12 14.1	19.8
261749 2006 BA ₁₁	15.6	X	10.41806	268.02411	133.22393	11.61671	0.0666060	0.19248948	2.9707405	20	12 30.7	19.6
261750 2006 BP ₁₇	16.0	X	140.88538	193.61479	130.71232	7.36921	0.0564214	0.20244456	2.8725349	20	—	—
261751 2006 BD ₂₂	15.6	X	198.33554	96.83711	134.18597	3.29669	0.1681897	0.18987290	2.9979708	20	12 26.1	20.4
261752 2006 BX ₂₅	15.4	X	141.14465	4.63683	148.83748	6.63348	0.0865138	0.16802222	3.2525569	20	7 31.9	20.3
261753 2006 BG ₃₀	15.7	X	287.67995	304.97846	120.28300	8.19221	0.1826747	0				

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
261761	2006	<i>BU</i> ₅₃	15.2	X	235.27456	300.86853	142.75517	6.31146	0.1230223	0.17250792	3.1959258	20	8 11.6	19.9
261762	2006	<i>BP</i> ₅₅	15.2	X	175.63497	343.81010	151.69147	13.32190	0.0453408	0.17378988	3.1801899	20	8 16.0	19.9
261763	2006	<i>BC</i> ₅₆	13.3	X	41.34101	232.18155	322.10134	5.12561	0.0331494	0.08460007	5.1391216	20	5 16.4	20.1
261764	2006	<i>BN</i> ₅₉	15.1	X	214.94371	217.71478	305.16467	9.19448	0.0413433	0.18334749	3.0686880	20	11 1.2	19.7
261765	2006	<i>BC</i> ₆₀	16.0	X	264.45551	244.20327	188.07808	1.63333	0.1664643	0.17786914	3.1313791	20	8 25.7	20.4
261766	2006	<i>BE</i> ₆₁	15.7	X	340.34806	292.51332	2.57873	14.41131	0.1586096	0.23354643	2.6114831	20	6 30.4	18.6
261767	2006	<i>BS</i> ₆₇	15.5	X	34.63536	38.67431	321.55462	11.55153	0.1281924	0.18978679	2.9988775	20	12 20.2	19.7
261768	2006	<i>BZ</i> ₆₇	16.4	X	331.96723	359.53116	171.64641	1.28903	0.1572151	0.19284903	2.9670469	20	12 17.7	19.4
261769	2006	<i>BX</i> ₇₈	15.4	X	195.14478	64.96199	127.99952	16.40217	0.2073260	0.17839587	3.1252123	20	11 10.7	20.8
261770	2006	<i>BJ</i> ₈₁	15.6	X	279.18818	286.70643	120.56136	5.55433	0.0499237	0.17094321	3.2153986	20	8 31.4	20.0
261771	2006	<i>BJ</i> ₈₆	16.0	X	230.08750	44.22786	59.14677	2.06271	0.0844980	0.17686098	3.1432677	20	9 5.4	20.6
261772	2006	<i>BG</i> ₈₆	16.5	X	188.52738	76.42362	65.24623	2.02542	0.1131402	0.17506555	3.1647222	20	9 5.6	21.5
261773	2006	<i>BX</i> ₈₉	15.6	X	25.63410	23.79390	325.91301	8.34458	0.1382481	0.18409799	3.0603424	20	11 22.7	19.7
261774	2006	<i>BT</i> ₉₆	13.2	X	254.63797	185.83791	168.00284	15.73759	0.0350323	0.08441305	5.1467093	20	5 27.7	20.3
261775	2006	<i>BU</i> ₉₇	16.1	X	351.90611	251.54293	110.30077	3.98208	0.0358487	0.18003945	3.1061631	20	10 14.3	20.3
261776	2006	<i>BJ</i> ₁₀₄	15.5	X	289.53333	284.44903	100.19141	3.58101	0.0794276	0.17504727	3.1649425	20	8 12.1	19.7
261777	2006	<i>BW</i> ₁₀₉	17.1	X	282.47431	17.00120	100.07360	3.06857	0.1212373	0.18916633	3.0054314	20	11 25.0	20.9
261778	2006	<i>BH</i> ₁₁₃	15.7	X	357.02860	77.42999	325.66702	7.57218	0.0702157	0.18951310	3.0017641	20	12 13.9	19.7
261779	2006	<i>BL</i> ₁₂₁	15.7	X	277.20531	259.54221	131.41546	10.67683	0.2321916	0.17440318	3.1727300	20	7 10.3	20.1
261780	2006	<i>BE</i> ₁₂₄	16.2	X	297.35727	353.28489	43.87465	0.42586	0.1582387	0.17532356	3.1616166	20	8 28.3	20.2
261781	2006	<i>BG</i> ₁₃₂	13.4	X	61.27817	14.77850	167.92505	18.88637	0.0455955	0.08315046	5.1986782	20	6 1.3	20.4
261782	2006	<i>BS</i> ₁₄₄	15.3	X	222.20899	311.81722	160.11527	16.90169	0.2037328	0.17761198	3.1344009	20	8 24.8	20.4
261783	2006	<i>BL</i> ₁₄₇	14.7	X	302.17933	50.15879	323.41063	15.05666	0.2531807	0.17374884	3.1806907	20	7 23.4	18.6
261784	2006	<i>BV</i> ₁₄₇	15.8	X	213.84579	314.81038	154.30326	6.62001	0.1887478	0.17495606	3.1660424	20	8 14.9	20.9
261785	2006	<i>BF</i> ₁₄₉	15.4	X	178.52115	336.88890	169.07532	15.85013	0.1630684	0.17347589	3.1840262	20	8 28.5	20.7
261786	2006	<i>BQ</i> ₁₅₁	16.3	X	296.19700	55.65660	54.83502	2.06553	0.1675350	0.19083931	2.9878411	20	12 3.0	19.7
261787	2006	<i>BL</i> ₁₅₃	15.9	X	352.15567	273.31086	87.35360	2.34001	0.1741204	0.18029357	3.1032437	20	10 20.1	19.2
261788	2006	<i>BH</i> ₁₅₈	15.7	X	302.73381	284.27112	154.41248	10.08368	0.0922617	0.18292289	3.0734348	20	11 10.7	19.7
261789	2006	<i>BW</i> ₁₅₈	13.6	X	324.65049	102.37103	160.65827	9.54083	0.1143690	0.08333423	5.1910325	20	4 28.3	20.1
261790	2006	<i>BU</i> ₁₆₄	15.5	X	179.89344	158.40896	345.25050	4.50453	0.1732850	0.17269732	3.1935887	20	8 28.1	20.8
261791	2006	<i>BM</i> ₁₆₈	13.4	X	293.32908	137.95303	167.10825	10.09674	0.0624842	0.08253561	5.2244646	20	5 12.7	20.3
261792	2006	<i>BH</i> ₁₇₉	17.1	X	299.05691	40.62499	33.36337	0.94307	0.2025192	0.18692752	3.0293810	20	10 15.4	20.5
261793	2006	<i>BO</i> ₁₇₉	15.5	X	108.27788	135.29138	135.87153	11.89910	0.1776444	0.17994877	3.1072066	20	11 27.3	20.7
261794	2006	<i>BV</i> ₁₈₃	15.9	X	303.93484	248.20766	138.30798	5.19855	0.1907324	0.18449491	3.0559514	20	8 21.8	19.3
261795	2006	<i>BO</i> ₁₈₈	15.4	X	330.89814	252.92119	97.44645	6.67442	0.1089775	0.16898486	3.2401928	20	8 27.9	19.5
261796	2006	<i>BH</i> ₂₀₁	16.2	X	76.95368	85.59606	254.32154	4.92489	0.0915613	0.19626781	2.9324909	20	—	—
261797	2006	<i>BU</i> ₂₀₇	15.6	X	215.49272	248.93472	301.25348	10.25250	0.0947220	0.18603280	3.0390863	20	12 1.5	20.2
261798	2006	<i>BV</i> ₂₁₆	15.3	X	277.54552	305.81764	93.19390	10.08409	0.0755425	0.17328894	3.1863158	20	8 16.6	19.8
261799	2006	<i>BM</i> ₂₁₉	15.8	X	240.93741	119.61270	4.78313	14.78806	0.2384036	0.18075465	3.0979642	20	9 24.7	20.6
261800	2006	<i>BL</i> ₂₃₈	15.8	X	144.25132	118.36462	36.54353	3.43435	0.0280116	0.16872339	3.2435394	20	8 4.8	20.5
261801	2006	<i>BP</i> ₂₄₅	16.5	X	233.55494	72.35377	72.07800	0.96766	0.0757543	0.18310915	3.0713503	20	10 31.0	20.8
261802	2006	<i>BO</i> ₂₅₃	15.6	X	105.16775	266.65266	323.86373	8.34904	0.0293437	0.17338239	3.1851708	20	9 17.9	20.3
261803	2006	<i>BJ</i> ₂₆₁	15.8	X	69.83533	219.48896	123.59387	2.13958	0.0599533	0.18786386	3.0193067	20	12 30.9	20.1
261804	2006	<i>BL</i> ₂₆₁	16.1	X	316.79957	257.90986	126.29776	2.20116	0.1239343	0.17618651	3.1512845	20	9 16.9	20.0
261805	2006	<i>BV</i> ₂₆₃	16.6	X	258.09143	53.14954	51.44894	2.69889	0.1389379	0.18004297	3.1061227	20	10 3.1	20.9
261806	2006	<i>BW</i> ₂₆₃	15.5	X	269.69422	21.64897	358.41778	8.13849	0.2586611	0.16640843	3.2735514	20	6 13.7	20.5
261807	2006	<i>BL</i> ₂₆₇	16.2	X	45.26972	24.71146	88.26777	9.78864	0.1166628	0.21174027	2.7878351	20	2 13.2	19.5
261808	2006	<i>BD</i> ₂₇₀	15.3	X	214.17328	300.76972	177.63537	9.08100	0.0766132	0.17589987	3.1547071	20	9 4.8	20.0
261809	2006	<i>BS</i> ₂₇₆	15.5	X	316.95263	45.12080	334.34925	15.65239	0.1520981	0.17817437	3.1278018	20	9 5.6	19.2
261810	2006	<i>BN</i> ₂₇₇	15.6	X	328.29625	326.03980	134.43891	12.23083	0.0373001	0.19139576	2.9820472	20	—	—
261811	2006	<i>BN</i> ₂₇₈	16.1	X	239.18394	47.77541	77.00219	2.22099	0.1334477	0.18100582	3.0950976	20	10 6.5	20.7
261812	2006	<i>BP</i> ₂₇₈	15.8	X	354.42177	53.35826	321.69721	8.91329	0.1042967	0.18206036	3.0831343	20	11 2.1	19.8
261813	2006	<i>BW</i> ₂₈₀	15.4	X	306.27157	38.48132	6.01069	7.24315	0.1542414	0.17975301	3.1094621	20	9 23.3	19.1
261814	2006	<i>CX</i> ₁	15.5	X	55.56436	203.37478	124.06382	11.59645	0.0765526	0.18420175	3.0591930	20	11 29.6	19.9
261815	2006	<i>CC</i> ₅	15.6	X	224.41979	74.24203	137.80290	12.10272	0.0411839	0.19224490	2.9732596	20	—	—
261816	2006	<i>CO</i> ₆	15.9	X	251.31743	146.32338	293.17860	3.55840	0.1212973	0.17665179	3.1457487	20	8 24.4	20.4
261817	2006	<i>CX</i> ₁₄	15.4	X	204.60920	306.02019	153.50607	5.96745	0.0909106	0.17092053	3.2156830	20	7 31.7	20.2
261818	2006	<i>CJ</i> ₁₅	15.4	X	180.39120	17.42469	145.18344	9.38213	0.0978197	0.17985583	3.1082769	20	9 25.3	20.2
261819	2006	<i>CL</i> ₂₅	15.5	X	303.24301	112.53567	318.37983	8.28993	0.0797568	0.18547381	3.0451895	20	10 27.2	19.7
261820	2006	<i>CF</i> ₃₄	15.9	X	184.48258	324.17135	196.92397	2.74045	0.1421834	0.17747584	3.1360036	20	9 22.6	20.9
261821	2006	<i>CO</i> ₄₅	15.9	X	105.97497	192.90885	75.04360	2.63262	0.1504400	0.18076165	3.0978842	20	11 17.5	20.7
261822	2006	<i>CT</i> ₄₈	16.0	X	183.02710	220.95134	329.62870	3.85543	0.0591971	0.18084388	3.0969450	20	10 29.8	20.6
261823	2006	<i>CY</i> ₄₈	15.9	X	210.65338	307.18861	144.19404	1.93013	0.1338051	0.16973928	3.2305848	20	7 25.3	20.9
261824	2006	<i>CC</i> ₆₂	15.9	X	151.05578	223.15360	354.10814	3.00959	0.1473285	0.17734232	3.1375775	20	10 28.0	20.9
261825	2006	<i>CP</i> ₆₂	16.1	X	178.60210	12.06601	106.43532	2.94572	0.1170189	0.16903405	3.2395642	20	7 28.4	21.3
261826	2006	<i>CO</i> ₆₆	17.3	X	25.25662	256.81060	11.19192	6.14667	0.1548702	0.29725984	2.2235414	20	8 31.2	19.3
261827	2006	<i>DN</i> ₄	15.5	X	77.86435	182.97852	69.06501	2.41566	0.1749424	0.16624606	3.2756826	20	10 3.6	20.4
261828	2006	<i>DD</i>												

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
261841 2006 DD ₈₇	15.5	X	194.51191	87.67320	108.35638	2.68151	0.1541286	0.17889913	3.1193485	20	11 12.3	20.4
261842 2006 DE ₉₃	17.4	X	33.79722	58.17940	176.26421	4.60811	0.1872377	0.29158056	2.2523213	20	7 25.3	19.4
261843 2006 DD ₁₂₀	15.4	X	164.48542	162.24057	71.64150	5.63315	0.1224359	0.18262962	3.0767242	20	11 30.2	20.2
261844 2006 DB ₁₃₅	18.5	X	65.36000	268.28680	358.06077	1.79607	0.1303431	0.30723687	2.1751397	20	10 22.1	21.2
261845 2006 DO ₁₃₈	16.1	X	230.40593	35.91151	80.78945	4.18015	0.1319864	0.17570918	3.1569891	20	9 17.6	20.9
261846 2006 DZ ₁₃₈	15.7	X	16.45794	260.75724	145.29338	11.10901	0.1147742	0.18944204	3.0025147	20	—	—
261847 2006 DZ ₁₅₈	18.0	X	105.02787	160.36650	20.83499	0.67311	0.0865708	0.29907858	2.2145178	20	8 6.5	20.8
261848 2006 DP ₁₆₁	16.3	X	276.62878	315.19403	124.57575	0.33791	0.1584404	0.17892166	3.1190866	20	9 22.3	20.3
261849 2006 DM ₁₆₄	15.1	X	174.86433	70.06581	6.34475	9.76416	0.0759510	0.15551378	3.4247073	20	5 31.8	20.4
261850 2006 DX ₁₈₄	17.8	X	18.62889	61.00172	217.77717	2.63350	0.1141624	0.29770301	2.2213342	20	8 25.4	19.9
261851 2006 DD ₁₈₆	15.6	X	152.89784	61.66927	49.54028	4.04586	0.1075612	0.15642138	3.4114470	20	6 23.4	20.9
261852 2006 DE ₂₀₁	15.3	X	196.95603	120.30754	48.47374	11.73753	0.0684645	0.17963125	3.1108671	20	10 21.9	19.9
261853 2006 DP ₂₀₂	15.5	X	246.32267	87.69349	41.76445	9.54332	0.1146411	0.18066396	3.0990009	20	10 23.1	19.9
261854 2006 DG ₂₀₅	18.2	X	93.21237	244.06708	47.02495	3.10886	0.1259482	0.31709333	2.1298286	20	12 26.8	21.3
261855 2006 DB ₂₁₃	17.7	X	94.89513	62.23485	178.05443	4.17614	0.0840477	0.30569489	2.1824481	20	10 17.8	20.6
261856 2006 ES ₁₉	16.1	X	221.62829	320.88064	185.14825	0.93587	0.1388997	0.17548727	3.1596500	20	10 10.8	20.8
261857 2006 EC ₃₆	15.8	X	81.49296	214.66962	142.40236	9.28290	0.0390309	0.19077825	2.9884786	20	—	—
261858 2006 EC ₃₉	15.3	X	220.98945	290.98022	195.35970	25.32098	0.2054329	0.17564903	3.1577098	20	9 7.2	20.7
261859 2006 EF ₄₃	15.5	X	211.48832	111.60899	66.19124	11.18043	0.2249979	0.17890388	3.1192938	20	11 2.5	20.6
261860 2006 EA ₆₂	15.4	X	181.81759	189.54570	331.58222	9.52834	0.0375470	0.17017999	3.2250050	20	9 21.2	20.2
261861 2006 EU ₆₃	15.7	X	206.68050	235.81182	304.35485	5.70459	0.0755905	0.17793398	3.1306183	20	11 9.7	20.4
261862 2006 FZ ₃	17.7	X	330.56044	259.35295	29.86844	3.39845	0.1760313	0.28686370	2.2769439	20	5 26.6	19.5
261863 2006 FL ₆	15.0	X	213.93894	61.75718	106.66183	10.45473	0.1798980	0.17729456	3.1381409	20	10 30.4	20.1
261864 2006 FF ₇	17.2	X	311.74501	95.56970	188.84699	5.34329	0.1709950	0.28118884	2.3074767	20	4 14.6	19.5
261865 2006 FF ₁₀	15.1	X	199.59513	276.25912	255.43154	10.54051	0.1465758	0.17443513	3.1723425	20	10 15.5	20.3
261866 2006 FQ ₁₃	17.9	X	4.07150	216.11527	83.87414	2.08682	0.1987233	0.29454515	2.2371828	20	9 15.8	19.5
261867 2006 FU ₁₃	17.5	X	9.61614	190.91656	60.36392	2.15560	0.1335547	0.28843785	2.2686520	20	6 24.6	19.2
261868 2006 FP ₁₄	18.0	X	77.37835	110.35181	145.63811	2.01236	0.1251332	0.30266884	2.1969706	20	10 22.2	20.8
261869 2006 FG ₃₈	17.4	X	137.60762	86.39776	57.73068	2.96164	0.1042878	0.29788511	2.2204288	20	7 26.7	20.4
261870 2006 FJ ₄₉	15.5	X	241.75279	58.60745	133.74115	17.74576	0.1734735	0.18520563	3.0481284	20	12 25.4	20.0
261871 2006 FR ₄₉	15.4	X	198.20318	60.74331	104.61014	17.18054	0.2263798	0.17352039	3.1834818	20	10 13.3	21.0
261872 2006 GF ₂	16.9	X	355.69069	299.61736	356.97056	5.83274	0.1465472	0.29608416	2.2294236	20	8 15.1	18.5
261873 2006 GA ₂₆	17.8	X	77.81129	135.70751	184.88966	3.22667	0.2223443	0.31065793	2.1591414	20	—	—
261874 2006 GR ₃₀	17.7	X	64.21153	266.48056	64.33532	4.36382	0.0694958	0.31402054	2.1437000	20	—	—
261875 2006 GF ₃₁	17.8	X	113.08700	201.21130	80.78013	2.21400	0.1378773	0.31096927	2.1577000	20	—	—
261876 2006 GC ₃₂	17.2	X	155.08323	250.06767	197.04502	21.90351	0.0856119	0.35779402	1.9650819	20	5 26.5	19.9
261877 2006 GQ ₃₈	17.0	X	308.05030	48.08600	204.13911	12.92316	0.1927480	0.27600584	2.3362745	20	2 15.4	20.2
261878 2006 GR ₄₉	17.0	X	67.99076	101.27309	112.42117	5.59022	0.0869285	0.29442414	2.2377957	20	8 3.1	19.5
261879 2006 GO ₅₃	15.8	X	86.27043	29.13795	281.04792	22.29874	0.3081908	0.30116122	2.2042965	20	—	—
261880 2006 HD ₃	16.6	X	253.15412	163.54053	91.83687	5.50002	0.0743233	0.12622629	3.9358286	20	1 27.4	20.4
261881 2006 HR ₅	17.1	X	304.33807	241.57749	118.94168	23.63338	0.0889912	0.36762854	1.9298782	20	8 30.7	18.8
261882 2006 HY ₆	17.2	X	58.02803	86.71723	162.72153	8.21348	0.1685677	0.29785305	2.2205881	20	9 24.9	19.9
261883 2006 HD ₇	17.7	X	122.73929	247.37013	232.23401	20.00570	0.0846086	0.35879586	1.9614222	20	5 31.3	19.9
261884 2006 HQ ₁₀	18.0	X	349.78496	66.68775	155.96080	5.64632	0.1170094	0.27921750	2.3183249	20	3 29.5	20.2
261885 2006 HD ₁₁	17.8	X	56.01176	72.65276	104.31315	5.48715	0.1069713	0.28473788	2.2882627	20	5 23.3	20.1
261886 2006 HP ₁₅	16.3	X	292.40033	323.57991	146.10292	2.72183	0.1027805	0.18958656	3.0009886	20	12 2.6	20.0
261887 2006 HE ₁₉	17.5	X	32.87906	109.17135	113.03066	3.17706	0.0964521	0.28744941	2.2738498	20	6 19.4	19.8
261888 2006 HQ ₂₀	17.1	X	0.43679	244.20308	37.16351	10.30267	0.2670477	0.28759448	2.2730851	20	8 18.2	18.5
261889 2006 HP ₂₃	16.0	X	220.05336	12.99447	143.80273	3.29758	0.1225066	0.17387486	3.1791537	20	10 24.8	20.8
261890 2006 HO ₃₆	17.5	X	323.36001	115.90660	117.64131	3.05444	0.1494533	0.27594235	2.3366328	20	2 23.7	19.9
261891 2006 HJ ₄₄	17.3	X	327.98228	203.89397	66.89282	6.82015	0.2002548	0.27982880	2.3149473	20	4 20.1	19.5
261892 2006 HO ₄₄	17.9	X	221.92546	100.70684	67.80827	3.58403	0.0629599	0.31276717	2.1494232	20	12 17.9	20.0
261893 2006 HG ₄₆	17.2	X	6.90644	97.78188	135.26731	6.09287	0.1683291	0.28348219	2.2950150	20	5 21.1	18.9
261894 2006 HK ₅₁	15.4	X	225.91381	186.80309	30.15520	11.40284	0.1623217	0.18276697	3.0751825	20	—	—
261895 2006 HM ₅₁	16.8	X	293.31621	11.50643	241.01075	5.22492	0.1146611	0.27160974	2.3614159	20	2 10.9	20.1
261896 2006 HU ₅₁	15.6	X	240.24447	285.63893	246.47592	9.90177	0.2704028	0.18194025	3.0844911	20	11 14.9	20.4
261897 2006 HV ₅₆	17.2	X	343.65959	112.74441	90.32819	3.67196	0.1356076	0.27428357	2.3460442	20	2 16.1	19.5
261898 2006 HR ₆₉	17.5	X	351.09516	59.28154	162.61099	5.85743	0.1778205	0.27812696	2.3243810	20	3 23.3	19.2
261899 2006 HT ₇₂	17.1	X	303.34562	246.42874	96.24441	7.86279	0.1572609	0.28771903	2.2724290	20	7 1.7	19.0
261900 2006 HY ₈₁	18.3	X	102.08079	105.49242	209.35768	3.54518	0.0763201	0.31505995	2.1389826	20	—	—
261901 2006 HW ₈₂	17.6	X	342.25817	81.11702	220.53873	3.56287	0.0737177	0.28942885	2.2634705	20	7 19.5	19.9
261902 2006 HZ ₈₆	17.3	X	57.40382	203.41099	68.69123	7.96546	0.1862078	0.29739968	2.2228443	20	10 29.0	20.2
261903 2006 HG ₈₉	17.1	X	58.42040	137.37995	131.07378	6.34602	0.1525773	0.29817670	2.2189810	20	10 21.5	20.0
261904 2006 HN ₁₅₂	17.9	X	307.44248	255.23117	359.35533	1.11540	0.1563321	0.27413092	2.3469151	20	2 28.2	20.8
261905 2006 JW ₁₆	16.2	X	256.72966	290.54593	82.32082	7.09846	0.0598518	0.21680512	2.7442459	20	6 17.8	20.0
261906 2006 JG ₃₀	17.6	X	43.18238	51.05738	196.81325	5.05331	0.2040386	0.29169626	2.2517257	20	9 3.7	20.1
261907 2006 JZ ₄₃	17.7	X	22.72278	256.12755	75.67293	5.74056	0.2047465	0.30059005	2.2070880	20	12 7.1	19.9
261908 2006 JK ₄₈	16.9	X	328.48848	131.88304	92.07800	7.54963	0.0590375	0.27270503	2.3550888	20	3 6.7	19.7
261909 2006 JW ₄₉	17.2	X	343.81027	214.69253	55.19476	2.64521	0.1258486	0.28581743	2.2824972	20	5 29.5	19.2
261910 2006 JP ₅₈	15.1	X	178.04221	260.36044	38.50561	19.67182	0.3259884	0.18051362	3.1007213	20	1 5.1	21.0
261911 2006 JA ₈₁	18.1	X	31.09505	95.95601	183.54893	2.42062	0.1605746	0.29200850	2.2501202	20	9 25.9	20.4
261912 2006 KS ₂	17.9	X	111.23307	38.09634	240.98474	1.76744	0.1329009	0.30928154	2.1655525	20	12 27.9	20.8
261913 2006 KE ₆	17.6	X	282.11518	236.68924	57.79616	3.53710	0.1615930	0.27433374	2.3457582	20	3 21.4	

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
261921 2006 KR ₅₁	17.8	X	35.18814	39.26179	159.04832	3.11615	0.1174904	0.28170737	2.3046443	20	5 20.0	20.0
261922 2006 KW ₆₉	17.7	X	152.03800	23.02414	150.22744	4.96804	0.0772059	0.29960432	2.2119264	20	9 22.5	20.5
261923 2006 KY ₇₇	16.6	X	268.79806	249.94811	97.11103	7.76265	0.1403137	0.28116622	2.3076005	20	5 19.1	19.6
261924 2006 KO ₉₉	17.2	X	119.72881	52.16623	205.01262	4.42649	0.1328748	0.30616569	2.1802102	20	12 8.0	20.3
261925 2006 KW ₉₉	16.9	X	305.88767	219.87654	39.26945	6.28685	0.1059128	0.27356297	2.3501623	20	3 14.3	19.7
261926 2006 KL ₁₀₀	17.4	X	25.76174	210.69867	47.02531	3.58855	0.1374819	0.28791789	2.2713826	20	8 10.5	19.5
261927 2006 KU ₁₁₁	17.5	X	344.83394	220.96350	37.88834	4.67856	0.0166992	0.28192503	2.3034580	20	5 20.5	20.2
261928 2006 KN ₁₁₅	17.1	X	293.82723	309.21972	80.53549	7.22275	0.1338207	0.29595635	2.2300654	20	9 8.2	19.2
261929 2006 KT ₁₂₀	17.3	X	281.51526	52.66978	279.61305	6.57504	0.2542319	0.27217540	2.3581430	20	4 23.4	20.6
261930 Moorhead	17.4	X	225.32044	96.23884	276.32320	1.93635	0.1619717	0.27695293	2.3309453	20	4 29.2	21.0
261931 2006 ML ₁	17.2	X	348.70304	202.79088	101.79385	3.67582	0.2485224	0.28292958	2.2980024	20	8 15.8	18.1
261932 2006 MU ₁	17.7	X	273.37358	56.27278	296.92792	2.32290	0.1934282	0.27319625	2.3522649	20	5 23.3	20.6
261933 2006 MS ₃	17.5	X	59.33390	43.13956	182.42865	3.67982	0.1857196	0.29008102	2.2600767	20	8 22.6	20.1
261934 2006 MK ₈	17.0	X	320.79127	275.31803	110.34697	21.05551	0.3125997	0.28729677	2.2746551	20	11 10.8	18.5
261935 2006 OM ₂	17.7	X	291.43061	16.50573	294.46193	1.39322	0.2238854	0.27197610	2.3592949	20	4 12.9	20.6
261936 Liulin	17.1	X	153.67667	165.67201	126.63757	2.67828	0.0900071	0.24176725	2.5519436	20	—	—
261937 2006 OD ₄	17.1	X	250.81970	202.86799	171.93121	1.51931	0.2488199	0.26743550	2.3859244	20	5 20.3	20.9
261938 2006 OB ₅	20.2	X	78.75441	357.36616	356.14587	0.71072	0.2185597	0.51920260	1.5331270	20	—	—
261939 2006 OP ₇	17.0	X	203.84616	172.18401	120.13050	6.35792	0.1219227	0.25210777	2.4816768	20	1 2.6	20.7
261940 2006 OD ₉	17.3	X	187.10976	81.05749	175.28438	5.63202	0.1796239	0.31320137	2.1474363	20	—	—
261941 2006 OR ₁₀	17.0	X	31.47473	0.95438	294.62374	8.62700	0.1899578	0.28802470	2.2708210	20	10 19.5	19.8
261942 2006 OB ₁₁	17.4	X	0.65593	3.06527	321.01672	3.79304	0.1615433	0.28768452	2.2726107	20	10 6.9	19.5
261943 2006 ON ₁₁	16.8	X	349.26805	186.71964	146.50421	7.36758	0.1548599	0.28461104	2.2889425	20	10 1.2	18.6
261944 2006 OR ₁₃	17.4	X	347.08520	136.26376	165.45472	3.19076	0.1668089	0.28156936	2.3053973	20	7 29.8	19.1
261945 2006 OF ₁₆	16.3	X	218.03601	210.69306	88.57877	7.94911	0.1641353	0.25553195	2.4594571	20	1 24.9	20.2
261946 2006 OF ₁₉	16.6	X	119.48141	322.95214	35.32940	5.95293	0.2346656	0.24430701	2.5342265	20	1 11.9	20.2
261947 2006 OY ₂₀	17.5	X	277.33672	200.32189	213.53459	0.40783	0.1555129	0.28080243	2.3095931	20	9 4.1	19.8
261948 2006 PS ₁	17.2	X	264.68719	26.22817	299.52360	5.55357	0.2016145	0.26854787	2.3793312	20	4 2.6	20.7
261949 2006 PK ₂	17.3	X	266.22016	72.66392	250.41105	1.19823	0.2250737	0.26838628	2.3802862	20	3 31.6	21.0
261950 2006 PV ₄	16.8	X	345.00495	22.02934	277.77768	6.42826	0.1233378	0.28052733	2.3111028	20	7 20.8	18.6
261951 2006 PJ ₅	17.6	X	211.15171	311.67064	39.74824	3.86301	0.2050654	0.26110817	2.2423152	20	3 21.6	21.7
261952 2006 PD ₆	17.4	X	276.68653	152.76074	143.91384	3.25827	0.1814746	0.26623172	2.3931111	20	3 15.2	20.6
261953 2006 PK ₈	17.0	X	71.99448	214.80736	92.75672	5.44852	0.0683037	0.29903387	2.2147386	20	12 16.6	19.9
261954 2006 PS ₉	16.5	X	88.49356	291.10130	337.76847	4.93138	0.2765665	0.22584200	2.6705430	20	11 17.3	21.0
261955 2006 PW ₁₀	17.0	X	273.87187	208.97982	153.99821	8.54699	0.1965144	0.27368498	2.3494637	20	6 8.2	20.2
261956 2006 PQ ₁₁	17.2	X	278.76574	327.79017	48.71231	1.98557	0.1530424	0.27688620	2.3313198	20	7 11.9	19.7
261957 2006 PQ ₁₄	17.5	X	10.82396	170.88258	126.50150	6.50298	0.1524104	0.28419953	2.2911515	20	9 17.3	19.6
261958 2006 PG ₁₅	17.6	X	177.39805	160.29474	226.70628	1.83480	0.2017936	0.25786855	2.4445575	20	4 4.5	21.6
261959 2006 PB ₁₆	17.3	X	269.80759	224.36198	93.46769	3.13233	0.1602318	0.26653950	2.3912684	20	4 7.6	20.6
261960 2006 PJ ₁₆	17.1	X	312.43319	174.25132	161.45209	5.47071	0.2498895	0.27706931	2.3302925	20	6 21.3	19.0
261961 2006 PS ₁₉	18.0	X	8.22330	264.97081	38.23332	0.86046	0.2199530	0.28480773	2.2878886	20	9 30.5	19.6
261962 2006 PR ₂₀	17.7	X	348.80315	256.96307	16.32039	0.72497	0.1914419	0.27811715	2.3244357	20	6 12.5	19.0
261963 2006 PT ₂₅	17.5	X	255.16290	41.37126	289.46016	3.58929	0.1828041	0.26557359	2.3970631	20	4 2.5	21.0
261964 2006 PU ₂₅	16.8	X	275.64374	249.32109	127.11057	5.77932	0.1423308	0.27625837	2.3348506	20	7 8.2	19.6
261965 2006 PQ ₂₆	17.6	X	342.71074	88.85369	215.17811	3.55025	0.2276939	0.27911152	2.3189117	20	7 20.8	18.7
261966 2006 PU ₂₉	17.4	X	328.75885	14.80220	310.17349	2.36518	0.2518797	0.28038492	2.3118853	20	7 16.7	18.5
261967 2006 PJ ₃₁	17.5	X	242.69310	254.81630	139.95075	5.83023	0.2135563	0.27152553	2.3619041	20	6 12.3	21.0
261968 2006 PZ ₃₂	17.5	X	321.15992	129.11379	179.63337	1.78550	0.2239925	0.27420789	2.3464758	20	5 31.5	19.2
261969 2006 PP ₃₃	16.9	X	323.83557	74.25309	275.85494	5.57305	0.1521262	0.28315215	2.2967980	20	8 25.0	18.8
261970 2006 PR ₃₅	16.9	X	301.83833	299.12046	58.63057	5.36951	0.2502209	0.27930811	2.3178234	20	7 5.7	18.9
261971 2006 PV ₃₆	17.2	X	297.28637	352.09108	30.04900	2.93171	0.2211402	0.28150299	2.3057597	20	8 13.0	19.0
261972 2006 PG ₄₀	17.5	X	238.12610	235.21721	136.81603	6.91088	0.1436142	0.26990464	2.3713509	20	5 16.7	21.0
261973 2006 QG ₂	17.3	X	261.37008	355.40776	332.46945	1.66001	0.2246303	0.26622062	2.3931776	20	4 2.1	20.8
261974 2006 QZ ₃	17.2	X	262.91527	184.81583	142.56823	2.59412	0.1941889	0.26556964	2.3970868	20	4 7.9	20.7
261975 2006 QD ₅	17.0	X	276.98706	271.00764	151.22383	6.47360	0.0591757	0.28568445	2.2832054	20	10 4.9	19.5
261976 2006 QJ ₁₀	16.5	X	261.17033	283.24126	89.29174	8.67990	0.1486724	0.27243067	2.3566697	20	6 11.3	19.4
261977 2006 QV ₁₀	17.0	X	50.12295	238.70744	320.26328	6.46723	0.0555606	0.26986392	2.3715894	20	6 5.9	19.8
261978 2006 QR ₁₁	16.5	X	274.69510	181.44754	115.19554	7.73023	0.1030672	0.26506758	2.4001128	20	3 26.1	19.8
261979 2006 QY ₁₈	17.0	X	347.36833	273.39309	1.24102	4.91356	0.1195253	0.27383277	2.3486183	20	6 13.9	19.2
261980 2006 QJ ₁₉	17.3	X	235.35731	204.86423	139.02298	9.08742	0.1446325	0.26268975	2.4145746	20	4 8.2	21.0
261981 2006 QD ₂₀	17.3	X	245.07337	204.60418	147.63233	9.50708	0.2721328	0.26608634	2.3939826	20	4 18.0	21.4
261982 2006 QF ₂₁	17.7	X	23.23922	108.27380	179.07286	3.22062	0.1637728	0.28486249	2.2875953	20	9 23.8	19.9
261983 2006 QA ₂₂	16.4	X	43.84545	292.54542	94.30208	3.29483	0.0907654	0.23368488	2.6104515	20	—	—
261984 2006 QT ₂₃	17.0	X	267.43774	340.16213	3.38299	6.03959	0.1521089	0.26549924	2.3975106	20	5 7.1	20.3
261985 2006 QH ₂₄	17.1	X	323.65520	262.22777	20.34583	2.86863	0.1744090	0.27149802	2.3620637	20	5 1.9	19.1
261986 2006 QU ₂₅	17.2	X	229.13730	249.72201	150.40866	4.88080	0.2316810	0.26703907	2.3882851	20	6 4.6	21.0
261987 2006 QR ₂₉	16.6	X	341.89597	345.42949	9.09733	3.88620	0.2174409	0.28586911	2.2822221	20	10 23.9	18.0
261988 2006 QU ₃₁	17.4	X	285.07704	158.00122	173.64131	6.54723	0.2715572	0.27138320	2.3627299	20	4 28.9	20.6
261989 2006 QO ₃₃	17.0	X	276.54798	238.48427	100.27078	5.11107	0.1653260	0.26956789	2.3733253	20	5 13.6	20.0
261990 2006 QW ₃₄	17.2	X	335.29294	326.67410	10.57134	2.47195	0.2511213	0.28289627	2.2981828	20	9 4.7	18.0
261991 2006 QJ ₃₅	16.8	X	304.01127	254.79359	119.06480	5.00577	0.1595448	0.28112928	2.3078026	20	8 24.1	18.7
261992 2006 QL ₃₈	16.7	X	126.29134	9.20054	264.68766	4.14271	0.1597100	0.30266517	2.1969883	20	—	—
261993 2006 QV ₃₈	17.0	X	261.58188	235.28981	136.24820	7.17630	0.1399946	0.27220032	2.3579991	20	6 12.3	20.1
261994 2006 QH ₃₉	17.2											

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
262001 2006 QB ₅₃	16.4	X	53.78121	263.93701	113.16079	14.10025	0.2461611	0.22931659	2.6434985	20	—	—
262002 2006 QE ₅₇	13.5	X	293.67743	50.23392	52.13323	5.22696	0.0692345	0.08300655	5.2046851	20	11 5.1	20.2
262003 2006 QE ₆₀	16.8	X	145.94522	347.27048	331.23963	12.89494	0.1964066	0.24342526	2.5403426	20	—	—
262004 2006 QZ ₆₀	17.6	X	278.95658	308.33823	356.48708	1.92910	0.2211271	0.26664780	2.3906209	20	3 22.3	20.7
262005 2006 QL ₆₃	17.2	X	24.73191	117.12229	185.53302	6.04486	0.1377756	0.28565430	2.2833661	20	10 15.7	19.6
262006 2006 QH ₇₃	17.0	X	51.77806	48.67608	22.77079	2.99551	0.0343494	0.24255125	2.5464415	20	—	—
262007 2006 QG ₇₇	16.2	X	242.62941	227.75864	317.00581	14.23575	0.0620967	0.23557662	2.5965578	20	—	—
262008 2006 QK ₇₈	17.1	X	0.83202	168.06132	165.21529	0.31950	0.1240885	0.28453676	2.2893409	20	10 17.5	19.3
262009 2006 QP ₇₈	17.2	X	323.68281	187.93507	135.25525	7.17810	0.2510066	0.27634443	2.3343658	20	6 27.2	18.8
262010 2006 QS ₇₉	16.8	X	315.77157	145.56876	232.32347	3.26662	0.1780264	0.28339529	2.2954841	20	9 22.7	18.4
262011 2006 QH ₈₀	17.4	X	109.07090	283.96430	338.48746	6.81947	0.1137597	0.29657267	2.2269748	20	11 30.0	20.7
262012 2006 QZ ₈₀	17.6	X	252.41517	262.62522	50.83041	1.84966	0.1910945	0.26212803	2.4180229	20	3 11.1	21.4
262013 2006 QN ₈₂	17.3	X	24.46832	156.78793	137.61393	2.58086	0.1671847	0.28514405	2.2860892	20	10 8.4	19.5
262014 2006 QO ₈₄	16.8	X	33.14527	51.38510	325.14344	1.10807	0.0863693	0.22846674	2.6500499	20	—	—
262015 2006 QR ₈₇	16.2	X	92.59862	299.91941	345.53606	6.42607	0.0448180	0.22324534	2.6912112	20	11 21.4	20.1
262016 2006 QP ₉₅	17.8	X	1.23994	298.69691	352.12844	4.60975	0.1857769	0.28005738	2.3136875	20	8 18.7	19.5
262017 2006 QG ₉₅	17.5	X	304.47117	246.33185	140.60570	2.68753	0.2054317	0.28153858	2.3055654	20	9 9.2	18.9
262018 2006 QN ₉₈	17.5	X	237.67083	49.30705	310.15503	4.17036	0.1956142	0.26499493	2.4005514	20	4 20.9	21.4
262019 2006 QJ ₉₈	17.2	X	261.26829	86.78738	245.95113	4.03806	0.1581238	0.26616336	2.3935208	20	4 14.9	20.6
262020 2006 QL ₉₉	17.3	X	304.31081	51.70160	242.90525	1.76230	0.2073553	0.26870154	2.3784240	20	4 10.9	20.2
262021 2006 QV ₁₀₄	17.1	X	20.14934	283.96034	62.18281	3.02177	0.2028097	0.29048954	2.2579573	20	12 20.3	19.6
262022 2006 QO ₁₀₆	17.5	X	14.08008	114.85629	184.44966	6.00897	0.1049859	0.28331243	2.2959317	20	9 15.2	19.8
262023 2006 QP ₁₀₉	16.9	X	272.39591	101.46521	322.43133	5.54653	0.1446852	0.28188978	2.3036500	20	9 11.4	19.3
262024 2006 QP ₁₁₀	16.7	X	280.88945	283.11308	132.33579	6.60067	0.0858446	0.28179142	2.3041860	20	9 27.4	19.2
262025 2006 QH ₁₁₁	16.2	X	173.01535	188.85266	144.72204	15.25091	0.1049472	0.24596267	2.5228412	20	1 21.7	20.1
262026 2006 QT ₁₁₁	16.9	X	303.66832	66.65069	273.29569	9.16334	0.1627873	0.27650042	2.3334877	20	6 26.2	19.1
262027 2006 QA ₁₁₅	17.0	X	246.91742	119.45292	286.12590	9.09862	0.2190414	0.27257184	2.3558559	20	6 30.5	20.2
262028 2006 QG ₁₂₀	17.0	X	263.19402	102.45151	287.95929	5.09288	0.1861187	0.27572689	2.3378500	20	7 3.2	19.8
262029 2006 QH ₁₂₁	17.2	X	293.72984	180.47141	189.98166	6.30685	0.1248429	0.27798326	2.3251820	20	7 30.8	19.6
262030 2006 QE ₁₂₃	16.4	X	83.39135	15.97584	303.83293	5.53149	0.0970760	0.22723649	2.6596062	20	12 28.8	20.2
262031 2006 QD ₁₃₁	17.2	X	262.81613	133.48886	190.36708	10.58768	0.2808597	0.26397326	2.4067414	20	3 24.3	21.0
262032 2006 QD ₁₃₂	16.9	X	311.67806	164.66896	104.32619	5.80176	0.2142598	0.26737912	2.3862598	20	3 19.6	19.7
262033 2006 QZ ₁₃₂	17.9	X	282.14126	294.18450	48.64843	2.03899	0.2092586	0.27155780	2.3617170	20	5 18.2	20.9
262034 2006 QD ₁₃₃	16.9	X	1.11767	219.08590	111.24237	9.39722	0.1915861	0.28530043	2.2852538	20	10 29.5	19.1
262035 2006 QD ₁₃₄	17.3	X	205.09810	133.63218	193.26083	1.66697	0.1826045	0.25309250	2.4752355	20	2 14.7	21.3
262036 2006 QD ₁₄₁	16.9	X	208.86168	269.91910	156.01027	4.84526	0.1497777	0.27097489	2.3651028	20	6 24.0	20.5
262037 2006 QD ₁₄₂	17.0	X	264.76750	173.34850	228.14858	5.75389	0.0890859	0.27666537	2.3325601	20	8 4.9	19.9
262038 2006 QT ₁₄₂	17.2	X	286.78676	74.10514	251.53681	3.57618	0.2499864	0.26922385	2.3753468	20	4 23.2	20.2
262039 2006 QL ₁₄₉	17.6	X	259.13594	283.47486	139.06021	3.18357	0.2062127	0.27660372	2.3329067	20	8 10.2	20.2
262040 2006 QS ₁₄₉	17.5	X	239.29201	218.44465	129.09237	2.87331	0.2062395	0.26263184	2.4149295	20	4 9.9	21.4
262041 2006 QE ₁₅₇	17.5	X	298.97528	300.25031	345.22089	2.99576	0.1149740	0.26543259	2.3979119	20	4 5.5	20.4
262042 2006 QS ₁₅₇	18.0	X	301.04085	97.88604	206.47298	0.65789	0.1592888	0.26987195	2.3715423	20	4 28.9	20.8
262043 2006 QE ₁₅₉	17.3	X	237.34690	73.08657	318.00791	2.70428	0.1880893	0.26859538	2.3790507	20	6 3.4	20.8
262044 2006 QD ₁₆₁	17.3	X	210.73963	28.19330	223.63626	1.37545	0.1030573	0.24087276	2.5582575	20	—	—
262045 2006 QD ₁₆₄	16.8	X	296.50373	113.82935	226.11678	8.68923	0.1544318	0.27273780	2.3549001	20	6 14.6	19.4
262046 2006 QD ₁₇₆	16.2	X	252.98148	287.28004	290.87406	7.65711	0.1280946	0.23935739	2.5690437	20	—	—
262047 2006 QN ₁₈₂	18.0	X	297.02436	211.41884	89.62060	2.31962	0.1809888	0.26648343	2.3916038	20	4 15.9	20.8
262048 2006 QS ₁₈₂	17.6	X	296.59216	298.23031	152.25721	1.58679	0.1869776	0.28984976	2.2612787	20	12 12.4	19.0
262049 2006 QJ ₁₈₂	18.1	X	257.63538	283.92026	146.94428	2.53545	0.1986967	0.27769691	2.3267802	20	8 21.5	20.7
262050 2006 QJ ₁₈₄	16.6	X	303.09415	91.63540	6.38781	6.88576	0.0629611	0.22279540	2.6948333	20	12 14.8	20.1
262051 2006 RP ₆	17.0	X	160.07467	354.27679	322.76583	1.96054	0.1924549	0.24049872	2.5609093	20	—	—
262052 2006 RX ₇	17.2	X	280.20480	82.41708	340.20503	5.52869	0.1437282	0.28309215	2.2971225	20	9 23.9	19.5
262053 2006 RA ₈	16.8	X	263.79005	110.83564	338.68847	5.18674	0.1315971	0.28528941	2.2853126	20	10 8.1	19.1
262054 2006 RB ₈	17.1	X	307.49604	318.52621	339.40556	5.85575	0.1296903	0.26890664	2.3772145	20	5 2.2	19.8
262055 2006 RC ₁₆	16.5	X	318.00374	178.22022	163.86302	11.99475	0.0762175	0.27693744	2.3310322	20	8 5.9	19.1
262056 2006 RK ₁₈	17.2	X	321.00747	281.28159	47.22050	1.47167	0.2315228	0.27496990	2.3421387	20	7 3.2	18.7
262057 2006 RM ₂₀	16.9	X	265.43154	109.75789	282.02916	5.76013	0.1889256	0.27359578	2.3499743	20	7 7.9	19.9
262058 2006 RJ ₂₇	17.1	X	257.67589	86.45762	198.63567	12.82702	0.2926116	0.25709744	2.4494630	20	1 30.5	21.7
262059 2006 RJ ₃₁	17.2	X	234.07093	358.22089	0.95199	11.22610	0.1723939	0.26240869	2.4162984	20	4 17.6	21.1
262060 2006 RO ₃₄	17.3	X	326.22964	68.11738	283.93756	4.30525	0.1120567	0.28156772	2.3054063	20	9 4.5	19.5
262061 2006 RX ₃₄	17.3	X	277.81565	258.46954	69.00070	5.15584	0.2038716	0.26807164	2.3821483	20	4 24.0	20.4
262062 2006 RK ₃₇	17.4	X	243.13531	283.42804	89.63223	3.41819	0.2016972	0.26636101	2.3923366	20	5 16.1	21.0
262063 2006 RM ₄₁	17.4	X	159.74227	356.26947	37.28059	6.00101	0.1989720	0.25295559	2.4761286	20	3 30.7	21.4
262064 2006 RD ₄₂	16.8	X	176.11243	247.68123	10.51834	7.57713	0.1617042	0.23244021	2.6197622	20	—	—
262065 2006 RH ₄₃	18.0	X	193.24092	53.80253	27.78332	2.71055	0.1483527	0.26559859	2.3969126	20	6 29.1	21.8
262066 2006 RF ₄₄	17.1	X	315.93352	154.67226	25.21479	3.81421	0.0955525	0.24005009	2.5640991	20	—	—
262067 2006 RY ₄₄	16.9	X	66.25272	92.81627	147.28097	2.64251	0.0137541	0.20252507	2.87177			

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
262081	2006	<i>RU</i> ₆₅	17.2	X	305.38428	329.03485	98.75500	4.28511	0.1911373	0.28747308	2.2737249	20	11 25.5	18.7
262082	2006	<i>RE</i> ₆₈	17.4	X	60.85928	284.20000	339.56153	2.80329	0.1594524	0.28561371	2.2835824	20	10 12.7	20.3
262083	2006	<i>RK</i> ₆₈	17.0	X	125.54468	283.82342	19.99950	4.50370	0.1681284	0.23285541	2.6166471	20	—	—
262084	2006	<i>RP</i> ₆₉	17.9	X	154.62903	183.47015	276.58230	0.90141	0.1422324	0.26303247	2.4124768	20	6 14.5	21.5
262085	2006	<i>RK</i> ₇₅	17.5	X	59.38411	87.65173	168.71766	2.75941	0.1671943	0.28188706	2.3036648	20	10 2.8	20.4
262086	2006	<i>RT</i> ₇₅	16.7	X	134.78804	114.84023	161.18095	2.27142	0.0433740	0.22596578	2.6695677	20	12 30.2	20.4
262087	2006	<i>RE</i> ₇₆	17.8	X	291.74458	81.25187	14.65553	2.74145	0.1141415	0.28996959	2.2606556	20	12 13.2	19.8
262088	2006	<i>RW</i> ₇₆	17.7	X	197.66965	302.48984	137.60047	1.77668	0.1632142	0.26684417	2.3894479	20	6 30.6	21.2
262089	2006	<i>RG</i> ₇₈	17.1	X	154.72851	129.44972	16.46221	6.53303	0.0671312	0.27391070	2.3481728	20	8 17.4	20.4
262090	2006	<i>RO</i> ₇₈	16.0	X	313.73207	159.61683	28.86682	5.83611	0.1963163	0.24345469	2.5401378	20	—	—
262091	2006	<i>RY</i> ₇₉	16.4	X	73.20307	256.08116	28.27773	2.51885	0.0595032	0.21603868	2.7507325	20	10 29.9	20.1
262092	2006	<i>RP</i> ₈₆	17.1	X	197.83475	35.98157	179.22594	2.55899	0.0362377	0.22546241	2.6735396	20	12 28.5	20.7
262093	2006	<i>RT</i> ₈₆	17.6	X	257.54324	265.59412	184.79530	1.73423	0.2078173	0.27970608	2.3156244	20	9 17.2	20.4
262094	2006	<i>RF</i> ₈₈	16.7	X	331.30107	229.20614	149.41115	1.06623	0.1130719	0.21186607	2.7867314	20	10 11.6	19.7
262095	2006	<i>RG</i> ₈₈	17.2	X	350.65421	213.53061	38.87257	1.63522	0.1574862	0.26642802	2.3919354	20	5 13.5	19.0
262096	2006	<i>RL</i> ₈₉	17.4	X	245.79211	213.38752	246.59366	1.95818	0.1067590	0.28059379	2.3107379	20	9 30.1	20.0
262097	2006	<i>RO</i> ₈₉	17.0	X	49.38511	353.66170	206.59149	5.24980	0.1387685	0.26387505	2.4073385	20	6 20.4	19.6
262098	2006	<i>RD</i> ₉₁	17.1	X	67.30517	345.43580	356.04370	1.65784	0.0979009	0.22442966	2.6817351	20	—	—
262099	2006	<i>RD</i> ₉₂	17.6	X	310.87857	116.58250	190.81007	3.16103	0.1958327	0.26950988	2.3736659	20	5 14.2	19.9
262100	2006	<i>RG</i> ₉₃	17.5	X	32.49506	47.13710	209.70846	2.07789	0.1842513	0.27590837	2.3368247	20	8 25.2	19.8
262101	2006	<i>RP</i> ₉₇	17.5	X	350.87532	74.46489	216.19300	2.86503	0.2172650	0.27461587	2.3441512	20	7 19.9	19.0
262102	2006	<i>RE</i> ₉₈	17.1	X	247.88496	308.99250	99.47608	5.77889	0.2219472	0.27241387	2.3567666	20	7 4.9	20.4
262103	2006	<i>RN</i> ₉₈	17.0	X	72.78233	249.76315	130.40581	13.40191	0.1905395	0.23319506	2.6141058	20	—	—
262104	2006	<i>RD</i> ₁₀₁	17.2	X	262.37920	141.99546	186.73659	4.46909	0.2152027	0.26348924	2.4096879	20	4 6.3	20.8
262105	2006	<i>RR</i> ₁₀₄	16.6	X	157.40117	352.31592	99.93023	8.21955	0.1517558	0.25885088	2.4383888	20	6 8.0	20.4
262106	2006	Margaretryan	17.9	X	71.92926	229.53689	317.25052	0.53429	0.1178734	0.26539553	2.3981351	20	7 2.7	20.6
262107	2006	<i>RX</i> ₁₂₀	17.1	X	357.67298	256.61072	186.41111	10.75456	0.1840874	0.22546837	2.6734925	20	—	—
262108	2006	<i>RE</i> ₁₂₂	17.2	X	86.88438	159.94005	287.48356	1.37577	0.0571072	0.24613623	2.5216551	20	2 25.9	20.3
262109	2006	<i>RD</i> ₁₂₂	17.9	X	241.15897	276.23517	162.40263	3.12305	0.1583908	0.27646264	2.3337003	20	8 16.3	21.0
262110	2006	<i>SG</i>	17.5	X	267.32794	122.55384	215.83629	5.95716	0.275471	0.26584720	2.3954181	20	4 21.9	20.8
262111	2006	<i>SL</i> ₁	16.6	X	130.87829	38.13776	209.36204	3.27768	0.0392918	0.22040449	2.7142870	20	11 19.8	20.3
262112	2006	<i>SE</i> ₂	16.7	X	48.79332	207.25611	178.51705	7.67299	0.2396788	0.22883334	2.6472188	20	—	—
262113	2006	<i>SN</i> ₄	16.0	X	2.32082	55.44736	335.81292	10.51452	0.0506617	0.21882130	2.7273633	20	12 11.8	19.7
262114	2006	<i>SV</i> ₆	16.7	X	341.84991	114.09024	278.86552	5.87424	0.0940870	0.28757270	2.2731998	20	12 8.9	18.8
262115	2006	<i>SG</i> ₁₂	16.2	X	14.82268	341.04039	40.61046	5.44763	0.1263388	0.21974679	2.7197001	20	12 28.2	19.6
262116	2006	<i>SE</i> ₁₃	16.3	X	195.99552	310.24820	303.67894	12.24987	0.0461723	0.23548570	2.5971260	20	—	—
262117	2006	<i>SE</i> ₁₄	16.0	X	23.77471	49.18068	12.90197	13.97756	0.1477195	0.22723161	2.6596443	20	—	—
262118	2006	<i>SF</i> ₁₅	17.4	X	35.73733	11.18495	333.95807	3.65648	0.1147965	0.29209283	2.2496871	20	12 26.6	20.3
262119	2006	<i>SY</i> ₁₅	17.3	X	259.07883	17.83416	271.52483	2.36736	0.1843007	0.25637382	2.4540699	20	2 15.8	21.1
262120	2006	<i>SR</i> ₁₈	17.1	X	301.55212	189.56886	126.03615	2.94737	0.2278197	0.26894244	2.3770035	20	5 5.6	19.7
262121	2006	<i>SS</i> ₂₀	16.7	X	24.62769	220.10237	174.13704	5.40114	0.1229005	0.22532103	2.6746578	20	—	—
262122	2006	<i>SW</i> ₂₀	17.4	X	290.11368	113.15338	198.60838	4.71575	0.1852004	0.26779716	2.3837758	20	4 19.8	20.5
262123	2006	<i>SL</i> ₂₆	16.5	X	344.80052	15.19652	302.51631	6.35578	0.1337211	0.27753297	2.3276963	20	8 18.5	18.6
262124	2006	<i>SW</i> ₂₇	15.9	X	325.42083	257.91214	202.76550	21.50661	0.0509403	0.22467401	2.6797904	20	—	—
262125	2006	<i>SW</i> ₂₉	17.2	X	171.98874	297.39842	281.94647	5.55508	0.0709265	0.29946293	2.2126225	20	12 16.9	20.1
262126	2006	<i>SX</i> ₂₉	17.4	X	240.18667	126.05020	287.20175	5.39576	0.2073165	0.27361661	2.3498551	20	7 4.8	20.7
262127	2006	<i>SH</i> ₃₂	16.5	X	89.85928	323.31993	5.42917	10.39406	0.0733343	0.22742965	2.6581001	20	—	—
262128	2006	<i>SV</i> ₃₂	17.3	X	332.32243	110.35205	307.37736	0.82447	0.0595605	0.29205769	2.2498676	20	12 27.0	19.4
262129	2006	<i>SJ</i> ₃₄	16.7	X	253.14440	90.59050	329.62571	6.56233	0.0903576	0.27627271	2.3347698	20	8 17.7	19.6
262130	2006	<i>SN</i> ₄₅	16.8	X	253.04888	289.65535	79.35138	8.02447	0.2250532	0.26834330	2.3805404	20	5 18.9	20.4
262131	2006	<i>SB</i> ₅₁	16.6	X	340.45051	255.63584	197.64645	12.39051	0.1485844	0.22776497	2.6554906	20	—	—
262132	2006	<i>SL</i> ₅₁	16.5	X	18.08543	281.89548	127.90537	12.75247	0.2496171	0.22540132	2.6740132	20	—	—
262133	2006	<i>ST</i> ₅₄	17.2	X	355.61241	256.85800	99.86037	4.95469	0.1320445	0.28559489	2.2836827	20	11 15.5	19.4
262134	2006	<i>SW</i> ₅₉	16.9	X	314.23148	225.45391	87.01519	7.82461	0.2308879	0.27345513	2.3507801	20	5 22.6	19.0
262135	2006	<i>SX</i> ₆₀	16.7	X	58.85606	244.37783	86.30668	6.66519	0.2098536	0.29454049	2.2372064	20	—	—
262136	2006	<i>SW</i> ₆₁	17.5	X	314.64648	262.40509	63.16490	3.15716	0.2238475	0.27449866	2.3448185	20	6 13.8	19.3
262137	2006	<i>SC</i> ₆₂	16.6	X	40.76269	247.07334	157.51412	9.51809	0.1735172	0.22957678	2.6415008	20	—	—
262138	2006	<i>SR</i> ₆₂	17.5	X	241.63675	263.97179	70.76573	5.60825	0.2435434	0.26022201	2.4298158	20	3 26.2	21.5
262139	2006	<i>SW</i> ₆₂	17.1	X	32.69070	266.16258	56.78069	6.92143	0.1662605	0.28742739	2.2739659	20	11 28.6	19.7
262140	2006	<i>SS</i> ₆₅	16.7	X	44.61338	268.56615	268.56838	5.46622	0.0610587	0.26552182	2.3973746	20	4 25.1	19.4
262141	2006	<i>SQ</i> ₆₆	17.4	X	30.92239	273.47507	358.44843	3.28005	0.0518167	0.27696482	2.3308785	20	8 25.0	20.0
262142	2006	<i>SX</i> ₆₉	17.0	X	339.71968	277.78871	28.94403	2.81538	0.1752556	0.27356516	2.3501497	20	7 20.5	18.6
262143	2006	<i>SY</i> ₇₀	17.2	X	274.28795	314.26359	37.98459	2.04147	0.2068643	0.26790452	2.3831389	20	5 21.5	20.1
262144	2006	<i>SO</i> ₇₁	17.0	X	230.53079	30.56001	45.37076	2.80594	0.1912791	0.27007566	2.3703497	20	7 27.6	20.5
262145	2006	<i>SF</i> ₇₂	17.0	X	64.77205	132.62095	171.34356	3.69664	0.1961747	0.21785230	2.7354447	20	12 1.5	21.1
262146	2006	<i>SB</i> ₇₃	17.3	X	106.92861	258.39236	84.23341	2.56551	0.2009158	0.23238192	2.6202003	20	—	—
262147	2006	<i>SC</i> ₇₃	17.5	X	179.82771	270.38583	153.28170	3.14168	0.2028129	0.25800747	2.4436999	20	5 23.9	21.5
262148	2006	<i>SZ</i> ₇₃	17.2	X	312.53494	133.09406	138.07769	3.20446	0.1536421	0.26022442	2.4298009	20	4 2.1	19.8
262149	2006	<i>SB</i> ₇₅												

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
262161	2006	SQ ₉₂	16.8	X	64.86034	119.92550	198.26315	3.87388	0.0813119	0.21789341	2.7351006	20	12 5.0	20.7
262162	2006	SZ ₉₃	17.6	X	177.29312	30.76330	52.38411	2.23254	0.1656119	0.26069935	2.4268490	20	6 14.8	21.4
262163	2006	SG ₉₄	17.1	X	170.10357	233.24332	194.76857	13.96408	0.1351856	0.25742081	2.4474112	20	5 20.4	21.0
262164	2006	SN ₉₇	17.6	X	144.54445	110.75153	24.55363	6.53534	0.1332563	0.26488129	2.4012379	20	7 22.8	21.3
262165	2006	SE ₁₀₂	17.5	X	101.00668	279.77763	203.11981	2.06520	0.1346015	0.25643818	2.4536593	20	5 15.7	20.7
262166	2006	SP ₁₀₃	17.4	X	190.94898	304.42802	180.83305	3.86280	0.1551015	0.27454869	2.3445336	20	8 23.0	20.9
262167	2006	SN ₁₀₇	17.0	X	23.90431	214.86008	9.98744	7.26149	0.0531424	0.26530031	2.3987089	20	5 31.8	19.8
262168	2006	SU ₁₀₉	17.3	X	4.73648	83.27985	336.04943	4.62912	0.1422103	0.29850589	2.2173493	20	—	—
262169	2006	SW ₁₁₀	16.6	X	215.58560	298.30572	81.28350	7.70380	0.2105070	0.26099757	2.4250000	20	4 30.3	20.7
262170	2006	SK ₁₁₂	16.5	X	74.72265	322.57545	320.77552	1.07496	0.0577835	0.21754766	2.7379979	20	10 30.2	20.2
262171	2006	SP ₁₁₄	16.6	X	241.61456	237.97920	194.77420	8.90585	0.0828177	0.20125079	2.8838831	20	8 10.2	20.8
262172	2006	SE ₁₁₅	16.9	X	85.58943	312.34182	10.19529	5.56842	0.0543731	0.22500369	2.6771721	20	—	—
262173	2006	SZ ₁₁₆	17.4	X	255.61310	1.75369	22.01481	5.35690	0.2422876	0.26799922	2.3825775	20	6 6.4	21.0
262174	2006	SP ₁₁₇	17.4	X	195.70120	39.54321	12.59339	2.40483	0.2004442	0.26008173	2.4306895	20	5 21.7	21.3
262175	2006	SA ₁₂₀	17.1	X	295.29095	289.23030	107.18737	4.43211	0.1609904	0.27897561	2.3196648	20	9 12.2	19.1
262176	2006	SC ₁₂₀	17.2	X	143.24024	281.54277	63.20997	5.77290	0.2042650	0.24144876	2.5541872	20	1 16.7	21.1
262177	2006	SF ₁₂₀	17.1	X	104.71457	172.94166	138.73589	6.42475	0.2134234	0.30127782	2.2037278	20	—	—
262178	2006	SF ₁₂₁	16.9	X	248.86606	265.24100	115.09336	7.06029	0.1412122	0.26627102	2.3928756	20	6 8.3	20.3
262179	2006	SP ₁₂₅	16.4	X	96.47395	242.93258	67.09828	7.63099	0.1089988	0.22495623	2.6775486	20	—	—
262180	2006	SV ₁₃₁	16.3	X	87.74444	51.77004	279.08758	13.19088	0.2170197	0.22977267	2.6399992	20	—	—
262181	2006	SJ ₁₃₂	16.9	X	271.61653	87.81484	278.49175	5.76462	0.1366097	0.26984375	2.3717076	20	6 18.3	19.9
262182	2006	SE ₁₃₈	17.3	X	148.80894	300.75812	36.59666	13.88683	0.2187059	0.24211798	2.5494785	20	1 16.1	21.5
262183	2006	SN ₁₃₈	17.0	X	318.75465	1.49040	42.64379	7.32683	0.0925865	0.28424176	2.2909246	20	11 13.2	19.2
262184	2006	SS ₁₄₀	15.9	X	32.65012	276.40145	124.84971	15.02137	0.1091356	0.22830872	2.6512726	20	—	—
262185	2006	ST ₁₄₁	17.0	X	236.76510	0.80726	61.62253	4.50682	0.2206001	0.27008781	2.3702786	20	7 12.4	20.5
262186	2006	SY ₁₄₁	17.3	X	307.68470	253.10063	62.47517	6.91912	0.1704263	0.26980324	2.3719450	20	5 24.8	19.6
262187	2006	SK ₁₄₃	17.5	X	165.77080	117.40933	206.74234	4.38288	0.2495942	0.24354118	2.5395364	20	1 13.8	21.7
262188	2006	SQ ₁₄₄	17.7	X	104.45721	167.84743	337.76370	1.80288	0.1177969	0.26122669	2.4235818	20	6 17.8	21.0
262189	2006	SF ₁₄₅	17.9	X	130.88958	83.71671	25.46489	1.73313	0.1251882	0.25861623	2.4398635	20	5 30.9	21.5
262190	2006	SH ₁₅₁	17.3	X	290.87795	264.17526	0.44212	4.07920	0.1657216	0.25586734	2.4573074	20	2 22.1	20.5
262191	2006	SQ ₁₅₁	16.9	X	198.50704	24.27648	217.08280	2.67669	0.1530295	0.23139308	2.6276598	20	—	—
262192	2006	SR ₁₅₁	17.2	X	193.46506	297.89592	229.76006	1.63103	0.1342013	0.28379612	2.2933222	20	10 24.3	20.4
262193	2006	SG ₁₅₅	15.7	X	318.34864	94.42343	310.41501	16.37763	0.0514823	0.21676303	2.7446011	20	10 18.9	19.6
262194	2006	SM ₁₆₁	17.5	X	198.54730	298.43640	125.39059	2.26969	0.1665379	0.26262772	2.4149548	20	6 10.1	21.1
262195	2006	ST ₁₆₅	17.0	X	168.27864	244.64328	235.24315	4.70573	0.0908461	0.27095678	2.3652081	20	7 23.9	20.4
262196	2006	SB ₁₆₆	17.1	X	178.73400	124.43390	197.05707	14.12747	0.0428723	0.24409894	2.5356664	20	1 7.1	20.9
262197	2006	SG ₁₆₆	17.3	X	43.81739	24.61219	254.38292	2.50909	0.1838862	0.28412605	2.2915465	20	10 15.3	20.1
262198	2006	SS ₁₆₇	18.0	X	215.23906	108.98347	246.98941	2.35116	0.1617733	0.25831359	2.4417689	20	3 29.7	21.9
262199	2006	SY ₁₆₇	17.3	X	262.86071	186.88581	219.78825	3.51419	0.1070696	0.27556605	2.3387596	20	8 7.4	20.2
262200	2006	SA ₁₇₃	16.6	X	135.73817	61.33196	312.63669	1.53066	0.2775227	0.24461925	2.5320695	20	2 19.8	22.7
262201	2006	SH ₁₈₄	18.9	X	6.52480	263.91619	22.22712	7.17059	0.1019916	0.27417395	2.3466695	20	8 14.3	19.3
262202	2006	SK ₁₈₇	17.0	X	251.20409	23.92393	354.88873	7.13564	0.1156235	0.26814120	2.3817363	20	6 10.9	20.3
262203	2006	SC ₁₉₃	15.7	X	280.47232	76.20273	182.84870	6.51483	0.0984985	0.17894325	3.1188358	20	2 18.6	20.3
262204	2006	SU ₂₀₅	16.6	X	332.61882	313.91343	110.96474	2.96860	0.1356211	0.21912509	2.7248419	20	12 18.9	19.4
262205	2006	SV ₂₀₅	17.5	X	260.38458	210.52630	125.59050	3.28258	0.2274814	0.26418654	2.4054459	20	4 13.7	21.1
262206	2006	SU ₂₀₆	17.3	X	4.34426	7.10608	16.11675	2.86241	0.1083911	0.21770104	2.7367117	20	12 11.5	20.6
262207	2006	SJ ₂₀₈	17.4	X	330.80305	271.34983	109.51581	1.87551	0.1310113	0.28531155	2.2851944	20	11 4.1	19.3
262208	2006	SK ₂₁₁	17.8	X	107.71889	92.20085	58.29011	2.25132	0.1114071	0.26107224	2.4245376	20	6 27.8	21.1
262209	2006	SK ₂₁₂	16.5	X	177.73752	338.34553	340.00614	6.92533	0.2063726	0.24288544	2.5441052	20	1 16.4	20.7
262210	2006	SC ₂₁₆	17.1	X	143.34759	294.58845	34.83402	6.96755	0.1442295	0.23827815	2.5767952	20	—	—
262211	2006	SK ₂₁₇	17.4	X	275.54315	216.65473	113.24237	2.90141	0.2215201	0.26615858	2.3935494	20	4 22.1	20.6
262212	2006	SP ₂₂₀	18.0	X	237.12432	252.05452	190.80228	2.07451	0.1754323	0.27707052	2.3302857	20	8 13.5	21.1
262213	2006	SQ ₂₂₂	17.5	X	116.64417	119.12661	17.04506	1.58658	0.1188312	0.26231771	2.4168571	20	6 19.8	21.0
262214	2006	SF ₂₂₄	17.1	X	237.62454	141.60679	204.07395	5.56139	0.0739847	0.25604502	2.4561704	20	4 15.9	20.4
262215	2006	SO ₂₂₉	16.7	X	123.11095	315.29591	315.03148	4.03961	0.1166688	0.22385261	2.6863418	20	12 11.3	20.9
262216	2006	SN ₂₃₀	17.9	X	207.32800	182.88558	251.04638	2.26556	0.1580222	0.26757568	2.3850910	20	7 2.4	21.4
262217	2006	SR ₂₃₁	16.7	X	62.92823	294.55696	69.71922	5.34847	0.1536114	0.22799836	2.6536780	20	—	—
262218	2006	SG ₂₃₉	16.5	X	18.52483	307.51717	22.07441	4.78639	0.0736569	0.21314811	2.7755458	20	10 17.7	20.1
262219	2006	SB ₂₄₉	16.6	X	282.72477	215.73240	233.32896	2.62141	0.0600416	0.21490960	2.7603586	20	11 2.2	20.1
262220	2006	SN ₂₅₁	16.3	X	225.51145	244.06899	195.78172	11.54282	0.0452753	0.20120937	2.8842789	20	8 3.8	20.6
262221	2006	SA ₂₆₁	16.7	X	94.93501	62.29048	351.40966	2.51609	0.0923053	0.24182750	2.5515197	20	1 30.5	19.9
262222	2006	SG ₂₆₅	17.4	X	359.90215	30.02124	270.65659	4.18450	0.2159092	0.27663329	2.3327404	20	8 31.8	19.0
262223	2006	SE ₂₆₇	17.1	X	16.31039	334.83105	292.13145	3.15600	0.0399114	0.26877850	2.3779700	20	7 22.3	19.6
262224	2006	SO ₂₆₇	16.4	X	125.71910	330.69472	281.01946	3.86543	0.0745842	0.21572103	2.7534322	20	11 18.3	20.4
262225	2006	SM ₂₆₈	16.1	X	8.10094	120.47294	247.95746	5.41787	0.0697645	0.21517000	2.7581311	20	11 22.4	19.6
262226	2006	SU ₂₇₀	16.6	X	50.49613	79.06804	283.11070	4.55284	0.1115114	0.22480370	2.6787596	20	—	—
262227	2006	SO ₂₇₄	17.2	X	132.58581	14.36960	34.74445	8.29989	0.2964158	0.24380329	2.5377159	20	4 3.4	21.4
262228	2006	SC ₂₈₀	16.2	X	34.23577	280.78993	81.00285	6.10001	0.1770608	0.22067608	2.7120595	20	—	—
262229	2006	SE ₂₈₀	17.0	X	263.91994	265.37283	92.92462	3.42208	0.2440155	0.26723555	2.3871144	20	5 13.6	20.4
262230	2006	SL ₂₈₀												

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
262241 2006 <i>SU</i> ₂₈₉	17.0	X	257.03562	222.53088	107.15794	10.19376	0.1977790	0.26154472	2.4216168	20	4 9.3	20.8
262242 2006 <i>SW</i> ₂₈₉	15.9	X	359.43764	333.60747	134.90369	13.89411	0.1629492	0.22933174	2.6433821	20	—	—
262243 2006 <i>SV</i> ₂₉₀	17.0	X	41.62365	12.26741	311.14447	1.73196	0.1783420	0.21598041	2.7512273	20	11 25.9	20.8
262244 2006 <i>SS</i> ₂₉₂	16.6	X	174.41354	25.90175	220.44992	2.86595	0.0207847	0.22794977	2.6540552	20	—	—
262245 2006 <i>SD</i> ₂₉₉	17.6	X	297.04669	233.31773	229.57460	3.30241	0.1012980	0.29283558	2.2458814	20	—	—
262246 2006 <i>SJ</i> ₂₉₉	16.9	X	285.69892	85.07603	16.48446	4.99810	0.1078347	0.29023794	2.2592620	20	12 10.4	19.0
262247 2006 <i>SW</i> ₃₀₂	16.4	X	256.83462	281.87502	201.38236	8.94961	0.1249266	0.21698985	2.2726882	20	11 2.9	19.9
262248 2006 <i>SM</i> ₃₀₄	16.4	X	40.42039	32.88203	263.95028	6.62182	0.1180614	0.28446192	2.2897424	20	10 23.7	19.2
262249 2006 <i>SP</i> ₃₀₄	16.7	X	18.94892	247.97099	165.92566	7.93467	0.1761857	0.22646675	2.6656293	20	—	—
262250 2006 <i>SR</i> ₃₀₆	16.6	X	338.56361	237.70971	155.01133	4.26691	0.1033529	0.21267594	2.7796523	20	11 13.2	19.8
262251 2006 <i>SY</i> ₃₀₉	17.1	X	47.86707	46.08146	358.47455	7.15112	0.1260516	0.23061476	2.6335687	20	—	—
262252 2006 <i>SC</i> ₃₁₀	17.1	X	164.58395	92.69901	210.69960	5.39655	0.0927957	0.23693615	2.5865160	20	—	—
262253 2006 <i>SD</i> ₃₁₃	17.0	X	58.26289	236.39215	156.35461	2.59075	0.2199058	0.23039255	2.6352618	20	—	—
262254 2006 <i>SH</i> ₃₁₆	16.7	X	233.03322	320.25297	161.56862	3.92047	0.0487674	0.21066412	2.7973212	20	10 11.6	20.5
262255 2006 <i>SD</i> ₃₁₈	16.4	X	357.12034	357.28043	53.21651	5.65654	0.0346848	0.22200574	2.7012198	20	12 29.2	19.9
262256 2006 <i>SC</i> ₃₂₄	17.4	X	233.07150	74.67075	50.04327	3.76957	0.1148983	0.28290507	2.2981351	20	10 18.2	20.0
262257 2006 <i>SF</i> ₃₂₆	17.4	X	155.14887	79.66606	34.65024	4.92593	0.0451161	0.26487979	2.4012470	20	6 30.9	20.6
262258 2006 <i>SA</i> ₃₂₇	18.1	X	236.18058	357.80908	103.04393	1.53119	0.2358724	0.27461479	2.3441574	20	8 31.3	21.2
262259 2006 <i>SJ</i> ₃₂₈	17.5	X	234.15752	267.45339	66.34046	3.52868	0.2007002	0.25714813	2.4491411	20	3 20.3	21.5
262260 2006 <i>SA</i> ₃₂₉	16.6	X	48.82106	279.81950	37.16878	5.71792	0.0360633	0.21421420	2.7663293	20	11 5.9	20.4
262261 2006 <i>SG</i> ₃₃₀	16.9	X	8.99910	191.65936	36.08804	6.47623	0.0479845	0.26027849	2.4294643	20	5 12.3	19.5
262262 2006 <i>ST</i> ₃₃₈	16.8	X	119.95025	313.33957	29.19338	9.26167	0.1244678	0.23570710	2.5954994	20	—	—
262263 2006 <i>SY</i> ₃₃₈	18.0	X	200.54746	304.32457	127.54519	3.08558	0.1590924	0.26530889	2.3986572	20	6 22.9	21.6
262264 2006 <i>SM</i> ₃₄₂	16.9	X	22.30687	327.51995	255.35131	4.16875	0.0606984	0.26163473	2.4210613	20	5 28.3	19.6
262265 2006 <i>SA</i> ₃₄₅	16.0	X	316.57153	211.74190	216.26210	11.54272	0.0860415	0.21593908	2.7515783	20	11 24.6	19.3
262266 2006 <i>SS</i> ₃₄₅	17.7	X	237.14837	220.95506	279.85280	2.34316	0.0939964	0.28625587	2.2801659	20	11 18.1	20.1
262267 2006 <i>SH</i> ₃₄₇	16.7	X	12.21183	355.35348	204.36396	1.08206	0.0467665	0.20323790	2.8650547	20	8 25.0	20.4
262268 2006 <i>ST</i> ₃₄₇	17.6	X	349.73952	45.46828	324.12906	1.55419	0.0629296	0.26538375	2.3982061	20	6 12.6	20.0
262269 2006 <i>SD</i> ₃₄₈	17.3	X	91.74796	19.59007	200.08388	1.17353	0.0884676	0.27494908	2.3422569	20	9 10.1	20.2
262270 2006 <i>SC</i> ₃₅₃	16.4	X	308.89381	345.65672	62.00938	5.11199	0.1911923	0.21003652	2.8028907	20	10 7.3	19.3
262271 2006 <i>SZ</i> ₃₅₃	16.9	X	314.08334	233.78971	78.94167	5.12877	0.2170637	0.27003876	2.3705656	20	5 24.5	19.0
262272 2006 <i>SM</i> ₃₅₄	16.6	X	98.89049	270.60604	49.79596	4.99926	0.1780875	0.22886598	2.6469671	20	—	—
262273 2006 <i>ST</i> ₃₅₅	17.4	X	283.61056	274.07489	91.15405	3.43967	0.2308944	0.27131143	2.3631466	20	6 18.3	20.2
262274 2006 <i>SL</i> ₃₅₆	16.9	X	250.93496	345.14032	59.82784	4.83704	0.1974737	0.26931528	2.3748092	20	7 7.1	20.2
262275 2006 <i>SB</i> ₃₅₇	17.1	X	302.54804	312.47749	54.05484	6.46599	0.1459047	0.27396328	2.3478723	20	8 11.8	19.4
262276 2006 <i>SJ</i> ₃₅₉	16.9	X	74.29218	256.24621	109.39165	3.12891	0.1017305	0.22689935	2.6622401	20	—	—
262277 2006 <i>SJ</i> ₃₆₀	16.6	X	22.12851	332.53511	186.30306	4.34551	0.1945305	0.24181348	2.5516183	20	2 26.4	18.7
262278 2006 <i>SZ</i> ₃₆₀	16.7	X	11.59715	234.41818	77.13323	3.20104	0.0565281	0.20315597	2.8658249	20	9 11.9	20.3
262279 2006 <i>SK</i> ₃₆₃	16.2	X	134.28903	245.95905	58.26971	12.10285	0.0960471	0.22575379	2.6712386	20	—	—
262280 2006 <i>SP</i> ₃₆₃	16.3	X	14.94396	180.28131	200.16841	9.61225	0.1132315	0.21633561	2.7482150	20	12 23.3	20.0
262281 2006 <i>SR</i> ₃₆₃	16.3	X	41.61256	297.15592	53.78628	7.36632	0.0280205	0.21651082	2.7467322	20	12 8.7	19.9
262282 2006 <i>SH</i> ₃₆₅	16.5	X	37.90851	212.81867	151.08942	5.88786	0.0844079	0.22150555	2.7052847	20	12 30.1	20.2
262283 2006 <i>SM</i> ₃₆₇	16.7	X	236.83542	264.37878	113.93036	11.99643	0.2718291	0.26399811	2.4065903	20	5 14.7	20.9
262284 2006 <i>SA</i> ₃₆₉	16.1	X	158.09074	292.41707	271.86480	7.82095	0.0796007	0.21491943	2.7602744	20	10 23.2	20.4
262285 2006 <i>SY</i> ₃₇₄	17.1	X	134.10943	43.22472	70.88348	10.27032	0.1476023	0.25842669	2.4410564	20	6 11.8	20.6
262286 2006 <i>SW</i> ₃₇₇	17.3	X	314.77791	202.08716	106.95658	8.10678	0.2236332	0.26940652	2.3742730	20	5 20.8	19.7
262287 2006 <i>SY</i> ₃₇₈	16.5	X	155.77519	73.46993	140.25095	13.14025	0.1020782	0.21179260	2.7873758	20	11 7.8	21.0
262288 2006 <i>SY</i> ₃₉₀	16.8	X	341.71060	216.83089	237.52388	2.26384	0.0719740	0.22771267	2.6558971	20	—	—
262289 2006 <i>SS</i> ₃₉₁	16.9	X	348.52658	230.48171	185.33570	5.61660	0.0247114	0.22012550	2.7165799	20	12 22.9	20.5
262290 2006 <i>SC</i> ₃₉₂	16.6	X	255.02885	340.45215	143.43680	2.87045	0.0503666	0.21408347	2.7674554	20	11 11.7	20.2
262291 2006 <i>SW</i> ₃₉₂	16.6	X	112.91538	354.22916	171.53149	5.66253	0.0598980	0.26510379	2.3998942	20	7 18.6	19.9
262292 2006 <i>SR</i> ₃₉₃	17.3	X	254.39085	190.94488	232.48280	4.87489	0.0278995	0.27755430	2.3275771	20	8 31.9	20.1
262293 2006 <i>SY</i> ₃₉₃	17.0	X	103.45123	94.25626	192.73022	5.43135	0.0178157	0.21653293	2.7465452	20	12 4.7	20.9
262294 2006 <i>SA</i> ₃₉₄	16.6	X	198.26222	1.61069	274.52952	5.49075	0.2401766	0.23948813	2.5681086	20	—	—
262295 Jeffrich	18.0	X	118.62452	278.99583	197.05379	0.73433	0.1365557	0.25758150	2.4463932	20	5 27.8	21.5
262296 2006 <i>SZ</i> ₄₀₃	16.7	X	189.94599	50.93927	200.00593	11.02889	0.1442992	0.22930680	2.6435738	20	—	—
262297 2006 <i>SO</i> ₄₀₄	17.0	X	326.04702	8.99901	253.15785	3.10717	0.1582546	0.25682405	2.4512010	20	4 8.0	19.7
262298 2006 <i>SP</i> ₄₀₇	16.4	X	143.19469	182.77928	159.08848	15.17296	0.2143684	0.23933338	2.5692155	20	1 12.7	20.5
262299 2006 <i>SW</i> ₄₀₈	16.7	X	320.72262	20.64842	309.90358	0.95277	0.0733290	0.19700442	2.9251765	20	7 18.9	20.5
262300 2006 <i>SV</i> ₄₁₁	16.4	X	0.35142	326.46586	58.09471	7.28857	0.0596454	0.21929620	2.7234243	20	12 1.9	19.8
262301 2006 <i>SC</i> ₄₁₃	16.6	X	262.69192	254.07537	75.68541	13.17105	0.2189422	0.26280819	2.4138491	20	4 13.8	20.4
262302 2006 <i>TY</i>	16.9	X	65.26249	154.32200	253.75458	10.73286	0.1789178	0.23551006	2.5969469	20	—	—
262303 2006 <i>TE</i> ₃	16.8	X	132.21688	76.38970	114.57952	7.64813	0.0540041	0.28149829	2.3057853	20	9 22.6	19.9
262304 2006 <i>TY</i> ₅	17.1	X	261.12339	36.57689	356.93820	6.54681	0.1020046	0.26911823	2.3759683	20	7 20.4	20.1
262305 2006 <i>TO</i> ₆	16.9	X	83.93188	121.17987	53.08671	10.40423	0.1331245	0.26009653	2.4305973	20	7 4.0	20.2
262306 2006 <i>TV</i> ₁₀	16.8	X	48.56514	123.78108	256.00951	1.39998	0.1082125	0.22465752	2.6799215	20	—	—
262307 2006 <i>TZ</i> ₁₀	15.5	X	211.28224	12.21397	257.90976	28.23441	0.1135599	0.23822213	2.5771992	20	—	—
262308 2006 <i>TD</i> ₁₁	16.5	X	284.47374	198.07269	253.01459	4.27760	0.1366176	0.20992617	2.8038730	20	10 26.8	20.0
262309 2006 <i>TZ</i> ₁₂	16.6	X	153.26158	169.94412	286.21888	8.09698	0.1801752	0.25834341	2.4415809	20	6 9.5	20.6
262310 2006 <i>TG</i> ₁₃	17.3	X	128.67788	57.31739	29.20174	2.06839	0.2261525	0.25174765	2.4840429	20	5 8.2	21.2
262311 2006 <i>TR</i> ₁₃	16.6	X	37.84861	329.26718	137.32029	5.98044	0.2450732	0.23645197	2.5900457	20	1 17.5	18.4
262312 2006 <i>TS</i> ₁₃												

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
262321	2006	TH ₂₆	17.1	X	199.51972	32.57813	19.61885	2.70996	0.1863738	0.25987153	2.4320001	20	5 25.5	21.0
262322	2006	TT ₂₆	16.5	X	62.96384	319.54668	34.27950	7.29319	0.1405053	0.22359138	2.6884338	20	—	—
262323	2006	TO ₂₇	16.3	X	4.80634	313.46795	39.37563	5.66873	0.1003094	0.21103333	2.7940576	20	10 30.9	19.5
262324	2006	TR ₂₇	16.6	X	297.42710	186.39867	187.12606	1.74600	0.0764129	0.20036470	2.8923792	20	8 10.3	20.2
262325	2006	TN ₂₉	17.0	X	195.33327	320.77613	40.77474	6.79891	0.0903642	0.25118226	2.4877691	20	3 22.3	20.6
262326	2006	TG ₃₁	16.8	X	30.99067	105.13064	193.29949	1.61040	0.0510621	0.20542975	2.8446390	20	9 19.9	20.4
262327	2006	TO ₃₂	16.1	X	14.69110	19.88125	22.59508	2.43712	0.0940449	0.22192581	2.7018683	20	—	—
262328	2006	TR ₃₂	16.7	X	158.06031	199.86191	41.37421	2.18957	0.0513237	0.21924785	2.7238247	20	12 11.8	20.6
262329	2006	TA ₃₆	16.5	X	241.57868	274.78704	231.86807	3.82525	0.0566780	0.21382040	2.7697248	20	11 21.3	20.2
262330	2006	TE ₃₆	17.2	X	335.55237	9.65433	277.25255	1.53337	0.1867649	0.26634646	2.3924237	20	6 2.6	18.9
262331	2006	TK ₃₇	16.6	X	104.51383	115.37006	221.89193	13.74078	0.1560425	0.22850834	2.6497283	20	—	—
262332	2006	TP ₃₇	16.8	X	315.40494	357.52879	224.37774	4.14830	0.1495346	0.24450805	2.5328372	20	1 29.9	20.2
262333	2006	TR ₄₀	16.7	X	100.47864	298.88606	13.67163	1.82988	0.0966233	0.22257229	2.6966339	20	—	—
262334	2006	TE ₄₁	16.3	X	151.93650	320.39532	225.75014	5.24280	0.0286562	0.20488283	2.8502055	20	9 23.4	20.4
262335	2006	TK ₄₁	16.9	X	73.68273	2.00374	219.47043	6.35719	0.1006938	0.26908021	2.3761921	20	8 18.6	20.1
262336	2006	TE ₄₂	16.4	X	344.74339	290.28094	219.38779	11.17366	0.1342152	0.23274909	2.6174440	20	—	—
262337	2006	TM ₄₃	16.9	X	146.49180	364.14871	47.87154	3.71533	0.1365826	0.23141366	2.6275040	20	—	—
262338	2006	TN ₄₃	16.7	X	109.31470	122.73978	217.00086	4.68400	0.0526442	0.22746125	2.6578539	20	—	—
262339	2006	TR ₄₃	16.8	X	185.42209	290.64830	47.46066	1.84503	0.0910799	0.24340907	2.5404553	20	2 10.2	20.6
262340	2006	TX ₄₉	17.1	X	189.44870	342.05250	101.07920	2.45540	0.1513861	0.26303532	2.4124593	20	6 26.9	20.8
262341	2006	TJ ₅₂	17.2	X	121.03446	22.37049	94.82500	2.32420	0.1314488	0.25326581	2.4741062	20	5 31.6	20.5
262342	2006	TW ₅₂	16.5	X	286.72756	182.02812	61.40851	5.50568	0.0901682	0.24254338	2.5464966	20	2 2.8	20.0
262343	2006	TY ₅₄	16.8	X	325.32640	229.56494	130.80526	4.75063	0.1868784	0.27764790	2.3270540	20	9 18.5	18.3
262344	2006	TM ₆₁	16.3	X	348.64097	344.95441	78.42915	5.54562	0.1011202	0.21828674	2.7318142	20	—	—
262345	2006	TK ₆₁	16.6	X	42.29157	35.74244	333.12908	13.42188	0.0671015	0.22559182	2.6725171	20	—	—
262346	2006	TL ₆₂	16.4	X	53.62679	195.59023	136.75605	13.00839	0.1947205	0.22164175	2.7041763	20	12 24.9	20.6
262347	2006	TU ₆₂	16.9	X	331.57689	68.88227	252.62317	6.40402	0.1211936	0.27415420	2.3467822	20	7 26.3	19.1
262348	2006	TJ ₆₃	16.5	X	347.10001	301.32207	189.25757	17.13809	0.1185424	0.23331203	2.6132320	20	—	—
262349	2006	TQ ₆₆	16.8	X	187.52198	183.76151	240.21800	5.85269	0.0516537	0.26349978	2.4096236	20	6 1.6	19.9
262350	2006	TR ₆₇	16.6	X	13.45091	195.36383	179.46990	3.48985	0.0576010	0.21748151	2.7385531	20	12 7.7	20.1
262351	2006	TR ₆₉	16.3	X	233.99484	159.20584	86.41826	3.69452	0.0421215	0.23730031	2.5838691	20	—	—
262352	2006	TL ₇₀	16.8	X	30.08685	329.44899	111.68904	7.74406	0.2475087	0.23054190	2.6341235	20	—	—
262353	2006	TS ₇₀	16.9	X	185.83375	357.08113	108.40903	3.33162	0.1444017	0.26691039	2.3890527	20	7 23.6	20.4
262354	2006	TK ₇₂	16.5	X	185.02875	321.31703	94.62241	8.40456	0.0782197	0.25961556	2.4335983	20	5 20.1	20.1
262355	2006	TN ₇₃	16.9	X	161.53958	28.72571	70.85206	4.35285	0.1498604	0.25937864	2.4350800	20	6 20.9	20.5
262356	2006	TY ₇₄	16.3	X	99.24992	153.31270	211.65103	14.87845	0.1234010	0.23319909	2.6140756	20	—	—
262357	2006	TL ₇₇	16.4	X	98.29315	229.09325	146.27638	12.96811	0.1676703	0.23398215	2.6082386	20	—	—
262358	2006	TE ₈₁	17.2	X	32.99019	71.19137	251.12849	6.05136	0.1044085	0.28372113	2.2937263	20	11 17.5	19.7
262359	2006	TL ₈₃	17.4	X	169.05011	354.75371	267.35313	3.59652	0.1064186	0.29896529	2.2150772	20	—	—
262360	2006	TA ₈₄	17.0	X	131.46367	335.88257	307.39984	4.25133	0.0286830	0.22205645	2.7008085	20	—	—
262361	2006	TC ₈₄	15.6	X	230.47931	279.10644	12.85997	11.38552	0.1419761	0.17384737	3.1794889	20	2 9.0	20.8
262362	2006	TK ₈₅	16.6	X	32.13359	46.79697	2.23247	6.09447	0.0394432	0.22544970	2.6736400	20	—	—
262363	2006	TM ₈₆	16.6	X	185.65586	338.13064	351.17557	3.63530	0.1389289	0.24326253	2.5414754	20	2 1.8	20.4
262364	2006	TR ₈₇	16.3	X	226.90082	223.69759	32.70735	12.58003	0.2658951	0.23761808	2.5815650	20	—	—
262365	2006	TF ₈₉	17.7	X	258.46127	69.31869	329.89580	1.69214	0.2080079	0.26934780	2.3746180	20	7 6.6	20.9
262366	2006	TH ₈₉	16.7	X	150.83528	203.31466	262.33363	3.41399	0.1155347	0.25820991	2.4424224	20	6 16.7	20.3
262367	2006	TD ₉₀	16.8	X	332.33028	83.80520	5.24987	3.57133	0.0977763	0.21923520	2.7239294	20	—	—
262368	2006	TX ₉₀	17.4	X	211.38973	217.51115	241.98255	1.64008	0.1394661	0.26846635	2.3798129	20	8 11.1	20.7
262369	2006	TN ₉₃	16.7	X	139.36897	5.39521	324.90982	2.07128	0.1104158	0.23456065	2.6039498	20	—	—
262370	2006	TX ₉₄	17.7	X	248.66038	331.66489	99.84456	3.05372	0.1571455	0.27151401	2.3619709	20	8 17.1	20.8
262371	2006	TZ ₉₈	17.5	X	111.50628	230.60714	68.52768	3.41080	0.1144772	0.29633992	2.2281407	20	—	—
262372	2006	TA ₉₉	17.0	X	284.70256	287.81582	53.16326	4.93158	0.0534412	0.26532551	2.3985570	20	6 14.2	19.8
262373	2006	TB ₉₉	16.7	X	93.83572	304.03597	58.27732	5.15308	0.0780113	0.23099662	2.6306655	20	—	—
262374	2006	TX ₉₉	17.4	X	93.15845	221.31384	233.54774	5.90658	0.1759414	0.24516166	2.5283334	20	4 1.9	20.6
262375	2006	TK ₁₀₁	17.4	X	344.64706	114.61142	337.97005	2.47783	0.0559237	0.22436564	2.6822452	20	—	—
262376	2006	TS ₁₀₁	16.8	X	55.15652	154.88092	265.95735	1.01244	0.0578379	0.23289331	2.6163632	20	—	—
262377	2006	TX ₁₀₂	17.6	X	234.70613	220.59594	253.09005	1.67786	0.1918569	0.27636902	2.3342273	20	9 20.5	20.6
262378	2006	TE ₁₀₉	17.2	X	99.51506	102.18840	86.16546	3.45870	0.1163726	0.26726951	2.3869121	20	8 11.4	20.4
262379	2006	TM ₁₁₀	17.3	X	143.27350	219.80023	260.01333	1.58540	0.1287627	0.25825346	2.4421478	20	6 28.2	21.0
262380	2006	TJ ₁₁₁	17.6	X	299.34173	312.15110	97.76860	6.54424	0.0839927	0.28155395	2.3054814	20	10 21.8	20.0
262381	2006	TV ₁₁₁	16.4	X	353.06863	307.68501	82.95118	9.88357	0.1452585	0.21609514	2.7502534	20	12 8.1	19.3
262382	2006	TG ₁₂₄	15.4	X	54.39300	338.04413	199.57449	8.84576	0.0091237	0.18171600	3.0870283	20	5 10.5	19.8
262383	2006	TY ₁₂₆	16.9	X	93.02063	214.01850	76.89120	4.67022	0.1483823	0.29240971	2.2480615	20	12 22.2	20.2
262384	2006	TX ₁₂₇	16.2	X	69.49064	286.24002	79.10395	12.56601	0.1091394	0.22594655	2.6697191	20	—	—
262385	2006	UT	17.2	X	153.01591	139.10665	57.90239	2.97703	0.1400355	0.28325601	2.2962365	20	10 21.2	20.5
262386	2006	UD ₁	15.9	X	198.57926	103.77088	209.17883	14.12236	0.1085496	0.24048494	2.5610072	20	1 20.3	20.2
262387	2006	UM ₃	17.2	X	193.78807	331.23182	122.15987	3.22215	0.1738118	0.26334505	2.4105674	20	7 13.8	20.9
262388	2006	UC ₄	17.4	X	192.44332	25.62998	119.89811	3.48815	0.1291916	0.27268185	2.3552223	20	9 24.7	20.8
262389	2006	UP ₆	16.8	X	37.91984	294.24993	102.32863	2.74783	0.0998915	0.22514818	2.6760266	20	—	—
262390	2006	UH ₉	16.3	X	333.38427	310.31432	101.14751	5.02457	0.0964866	0.21260816	2.7802430	20	11 28.8	19.5
262391	2006	UK ₉												

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
262401 2006 <i>UU</i> ₁₂	17.1	X	344.07467	320.50367	142.33893	3.00651	0.0612659	0.22572821	2.6714404	20	—	—
262402 2006 <i>UX</i> ₁₃	17.7	X	278.24524	169.73763	150.99227	1.88039	0.1979106	0.26139937	2.4225144	20	4 15.8	20.9
262403 2006 <i>UE</i> ₁₈	17.7	X	247.15959	23.68705	342.70556	5.87314	0.1245922	0.26941132	2.3742447	20	5 17.3	21.1
262404 2006 <i>UV</i> ₁₉	16.3	X	70.43019	74.94382	241.47978	4.86660	0.0309630	0.21753188	2.7381303	20	12 2.6	20.0
262405 2006 <i>UX</i> ₂₀	17.7	X	220.77638	257.27382	244.05296	2.12400	0.0976872	0.28261221	2.2997225	20	10 25.9	20.6
262406 2006 <i>UO</i> ₂₁	16.8	X	129.62561	265.73327	13.20830	7.07635	0.1060752	0.22354152	2.6888335	20	12 28.3	21.0
262407 2006 <i>UE</i> ₂₂	16.8	X	348.25767	272.76030	178.42689	4.02586	0.1023305	0.23111704	2.6297516	20	—	—
262408 2006 <i>UE</i> ₂₃	17.5	X	250.46075	150.45617	271.24756	2.23150	0.1600227	0.27217308	2.3581564	20	8 3.6	20.5
262409 2006 <i>US</i> ₃₃	17.2	X	46.00262	156.20885	36.85148	6.66315	0.0480630	0.25800110	2.4437401	20	5 20.4	20.2
262410 2006 <i>UF</i> ₄₂	17.3	X	174.65686	261.59302	221.65091	2.28217	0.1390416	0.26515187	2.3996041	20	8 3.8	21.0
262411 2006 <i>UN</i> ₄₂	16.5	X	100.91599	198.95798	214.80414	11.01920	0.2315152	0.23918840	2.5702536	20	2 24.5	20.1
262412 2006 <i>UG</i> ₄₃	16.5	X	30.14672	348.44291	47.76509	9.21549	0.2228827	0.22280049	2.6947922	20	—	—
262413 2006 <i>UQ</i> ₄₄	17.2	X	71.79826	38.43826	57.08371	4.36026	0.0961008	0.24032138	2.5621690	20	2 24.1	20.2
262414 2006 <i>UB</i> ₄₅	16.9	X	254.57522	283.01078	51.45016	4.32729	0.1810912	0.25811290	2.4430344	20	4 10.4	20.6
262415 2006 <i>UF</i> ₄₅	16.9	X	304.95598	123.39007	61.07478	4.05554	0.0551906	0.23275796	2.6173775	20	—	—
262416 2006 <i>UJ</i> ₅₁	18.0	X	158.00379	91.12054	54.94145	3.05305	0.1444982	0.26944949	2.3740206	20	8 19.8	21.6
262417 2006 <i>UD</i> ₆₀	15.9	X	67.98848	57.67571	290.56379	5.11156	0.0563745	0.22279357	2.6948480	20	—	—
262418 Samofalov	16.6	X	321.39008	77.09200	274.16421	6.24432	0.1448773	0.27627777	2.3347413	20	8 20.4	18.6
262419 Suzaka	16.7	X	60.11584	358.24948	354.53107	3.72729	0.1499721	0.22255957	2.6967366	20	—	—
262420 2006 <i>US</i> ₆₈	16.3	X	43.22180	272.24349	88.29334	4.62642	0.0900850	0.22011541	2.7166629	20	—	—
262421 2006 <i>UP</i> ₆₉	16.9	X	105.04276	304.72134	66.77802	5.96184	0.3037510	0.23573486	2.5952957	20	1 22.9	20.4
262422 2006 <i>UN</i> ₇₀	16.8	X	231.51178	27.22849	108.38836	7.21440	0.0384299	0.28346177	2.2951252	20	11 14.2	19.6
262423 2006 <i>UR</i> ₇₀	16.6	X	185.39532	312.67822	77.70705	11.09188	0.1950805	0.25401560	2.4692352	20	4 20.7	20.8
262424 2006 <i>UK</i> ₇₁	17.4	X	120.37410	59.00973	78.27928	4.37826	0.1469342	0.25629017	2.4546039	20	6 28.4	21.0
262425 2006 <i>UU</i> ₇₂	16.6	X	341.28734	96.97489	311.55852	4.97641	0.0361052	0.21719285	2.7409789	20	12 3.4	20.2
262426 2006 <i>UT</i> ₇₅	16.1	X	168.25482	231.82838	29.44851	15.35126	0.1253487	0.22848183	2.6499332	20	—	—
262427 2006 <i>UG</i> ₇₆	17.5	X	285.82346	254.24932	44.85165	5.79109	0.2189989	0.26178221	2.4201519	20	3 25.7	20.8
262428 2006 <i>UL</i> ₇₆	17.3	X	275.11666	120.76381	190.94044	7.03631	0.1239801	0.25979483	2.4324787	20	4 10.0	20.6
262429 2006 <i>UV</i> ₇₉	16.5	X	1.53163	191.71072	179.06156	4.98913	0.0569338	0.21407293	2.7675462	20	11 15.8	20.1
262430 2006 <i>UK</i> ₈₀	17.5	X	83.00440	138.49774	199.86733	6.70200	0.1265025	0.22513028	2.6761684	20	—	—
262431 2006 <i>UU</i> ₈₁	16.8	X	37.48046	156.59826	177.78111	2.68633	0.0775017	0.21238175	2.7822186	20	11 20.0	20.4
262432 2006 <i>UZ</i> ₈₁	16.5	X	344.56717	352.79979	357.32040	6.30108	0.0755215	0.20574281	2.8417527	20	9 22.3	19.9
262433 2006 <i>UD</i> ₈₃	17.1	X	252.41625	251.31786	96.07968	3.39379	0.1521589	0.25948146	2.4344367	20	4 28.1	20.6
262434 2006 <i>UQ</i> ₈₃	16.9	X	137.40263	283.29684	53.64160	15.72039	0.1657394	0.23755404	2.5820289	20	—	—
262435 2006 <i>UN</i> ₈₆	17.5	X	229.75707	35.87014	314.36294	0.47164	0.1950514	0.25596661	2.4566720	20	4 4.2	21.4
262436 2006 <i>UG</i> ₈₈	15.2	X	23.42329	311.86719	231.18173	25.84747	0.1582383	0.17417757	3.1754691	20	4 10.6	19.2
262437 2006 <i>UD</i> ₈₉	16.9	X	28.71687	109.91971	37.66407	12.66495	0.1216014	0.24107966	2.5567936	20	3 2.3	19.8
262438 2006 <i>UK</i> ₈₉	16.0	X	81.79567	315.45241	100.25522	14.44666	0.2484520	0.22816436	2.6523908	20	2 12.0	19.2
262439 2006 <i>UA</i> ₉₀	15.7	X	167.78748	234.79614	240.15353	8.76002	0.0491281	0.19015434	2.9950119	20	7 11.9	20.2
262440 2006 <i>US</i> ₉₀	17.0	X	192.54852	27.70995	292.05588	1.28177	0.2254514	0.24319935	2.5419155	20	1 29.1	21.4
262441 2006 <i>UB</i> ₉₁	16.3	X	316.50311	80.30953	241.59464	7.88154	0.1237840	0.19291288	2.9663922	20	6 23.9	19.9
262442 2006 <i>UD</i> ₉₂	16.9	X	166.91777	354.84837	188.31449	3.34899	0.0320523	0.20824474	2.8189456	20	10 10.0	20.8
262443 2006 <i>UN</i> ₉₅	17.1	X	151.26305	6.13728	96.47930	2.99816	0.1665814	0.25795948	2.4440029	20	6 15.6	20.9
262444 2006 <i>UP</i> ₉₇	17.2	X	197.97469	299.70275	111.36768	2.30160	0.1789792	0.25926369	2.4357998	20	5 23.9	21.0
262445 2006 <i>UW</i> ₁₀₀	17.7	X	321.33513	274.27353	95.76921	3.46274	0.1205377	0.27775798	2.3264391	20	9 27.4	19.8
262446 2006 <i>UP</i> ₁₀₆	17.7	X	235.99627	30.56966	127.38421	3.33834	0.0885565	0.28620581	2.2804318	20	12 12.1	20.2
262447 2006 <i>UF</i> ₁₀₇	16.2	X	180.49144	184.97234	64.64491	7.28132	0.0923076	0.22368303	2.6876994	20	—	—
262448 2006 <i>UT</i> ₁₀₇	16.8	X	89.19470	119.37241	60.09803	10.39136	0.1792424	0.25852019	2.4404678	20	7 26.5	20.4
262449 2006 <i>UE</i> ₁₀₈	17.1	X	58.09097	56.64089	60.67440	15.77849	0.0666127	0.24163123	2.5529012	20	3 7.5	20.6
262450 2006 <i>UJ</i> ₁₀₈	16.1	X	236.62178	290.73068	81.72287	8.30139	0.0585286	0.18576739	3.0419803	20	5 24.2	20.5
262451 2006 <i>UC</i> ₁₀₉	16.3	X	50.21095	255.66019	84.28103	5.50740	0.0867810	0.21586543	2.7522042	20	12 14.5	20.1
262452 2006 <i>UB</i> ₁₁₀	17.2	X	323.09500	22.75685	260.86212	5.05118	0.1616666	0.26877078	2.3780155	20	5 3.9	19.5
262453 2006 <i>UE</i> ₁₁₃	17.4	X	350.19759	345.00980	243.75176	1.62656	0.1312838	0.25723952	2.4485610	20	4 7.2	19.8
262454 2006 <i>UE</i> ₁₁₈	16.4	X	67.30135	53.98894	32.17419	15.22155	0.0912145	0.24045064	2.5612507	20	2 8.9	19.8
262455 2006 <i>UB</i> ₁₂₃	17.8	X	141.60030	334.71751	141.69608	1.87716	0.1302956	0.26010333	2.4305549	20	6 22.1	21.3
262456 2006 <i>UQ</i> ₁₂₄	17.3	X	28.19774	238.28741	332.20611	2.64275	0.1239963	0.26306951	2.4122503	20	5 24.9	19.6
262457 2006 <i>UB</i> ₁₂₆	16.9	X	283.80000	148.41503	315.70674	2.16872	0.0478203	0.21508192	2.7588840	20	11 24.2	20.5
262458 2006 <i>UP</i> ₁₂₆	16.7	X	72.97645	291.55234	348.45492	3.61266	0.1807266	0.21285632	2.7780817	20	11 6.5	21.0
262459 2006 <i>UQ</i> ₁₂₈	17.3	X	118.56236	317.67588	230.86143	4.89479	0.1388260	0.27025677	2.3692906	20	8 31.9	20.8
262460 2006 <i>UX</i> ₁₂₈	16.8	X	39.02764	39.21129	276.23517	1.18602	0.0919470	0.21095543	2.7947454	20	10 29.7	20.3
262461 2006 <i>UP</i> ₁₂₉	16.7	X	307.52047	312.90469	236.94034	3.82123	0.1306184	0.23635973	2.5907195	20	—	—
262462 2006 <i>UF</i> ₁₃₈	16.7	X	71.81130	336.99001	352.29685	5.27759	0.0389881	0.21739943	2.7392423	20	12 21.1	20.5
262463 2006 <i>UU</i> ₁₃₉	16.8	X	140.41838	62.39965	187.37194	3.13256	0.0434200	0.21306430	2.7762736	20	12 2.0	20.8
262464 2006 <i>UF</i> ₁₄₁	16.2	X	310.38100	49.21974	59.16284	12.96158	0.0918214	0.21715685	2.7412819	20	—	—
262465 2006 <i>UP</i> ₁₄₅	16.9	X	53.06519	122.38340	319.92178	11.08888	0.1508677	0.24008118	2.5638777	20	1 10.7	19.6
262466 2006 <i>UL</i> ₁₄₆	17.7	X	324.69739	113.92025	215.71627							

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
262481 2006 <i>UD</i> ₁₉₄	16.7	X	96.01097	272.82750	39.81438	0.6285	0.1193051	0.22262654	2.6961958	20	—	—
262482 2006 <i>UN</i> ₁₉₅	16.8	X	73.35470	81.35765	196.26730	2.33384	0.1510547	0.21226866	2.7832067	20	11 2.0	20.8
262483 2006 <i>UG</i> ₁₉₆	17.3	X	202.53639	17.46463	44.57795	1.18886	0.2139957	0.26104118	2.4247299	20	6 9.3	21.4
262484 2006 <i>UV</i> ₁₉₆	16.6	X	77.96017	342.62784	273.77337	6.04623	0.1041640	0.28005635	2.3136932	20	10 13.3	19.8
262485 2006 <i>UZ</i> ₁₉₆	16.5	X	335.44027	177.17164	222.88655	10.77048	0.2524086	0.21236657	2.7823512	20	11 25.4	18.8
262486 2006 <i>UJ</i> ₂₀₀	17.3	X	190.42815	80.62286	335.43839	3.87225	0.1692314	0.25840646	2.4411837	20	5 21.9	21.2
262487 2006 <i>US</i> ₂₀₀	16.9	X	66.46547	199.17099	268.45099	3.56196	0.1720158	0.24124642	2.5556152	20	3 9.6	19.8
262488 2006 <i>UP</i> ₂₀₂	16.4	X	323.62439	318.48350	102.88275	6.19222	0.1490779	0.21501992	2.7594144	20	11 27.7	19.2
262489 2006 <i>US</i> ₂₀₃	16.4	X	327.23402	109.44845	306.84298	11.08107	0.2198739	0.21369597	2.7707999	20	11 25.6	19.2
262490 2006 <i>UT</i> ₂₀₇	17.1	X	7.28558	127.23267	201.50642	1.36396	0.0733119	0.20655914	2.8342606	20	9 28.6	20.4
262491 2006 <i>UV</i> ₂₁₀	17.4	X	267.43814	129.17002	276.55466	4.78894	0.0943422	0.27110730	2.3643326	20	8 14.3	20.2
262492 2006 <i>UA</i> ₂₁₂	16.8	X	14.17129	344.62951	345.94124	3.47849	0.1048310	0.20651984	2.8346201	20	10 14.1	20.3
262493 2006 <i>UY</i> ₂₁₂	17.1	X	192.22793	101.05516	15.64739	2.76549	0.1786766	0.26580351	2.3956806	20	8 12.9	20.8
262494 2006 <i>UQ</i> ₂₁₈	16.1	X	23.10475	65.19289	19.19827	15.25331	0.0350279	0.23695143	2.5864048	20	—	—
262495 2006 <i>UK</i> ₂₂₆	16.8	X	346.85525	112.03980	13.67549	2.81882	0.1754617	0.22985948	2.6393345	20	—	—
262496 2006 <i>US</i> ₂₂₆	17.4	X	214.03687	39.48164	27.01277	2.67272	0.1858828	0.26472518	2.4021818	20	6 27.5	21.2
262497 2006 <i>UA</i> ₂₂₇	16.7	X	146.63491	130.59127	198.49551	4.46676	0.1160556	0.23680551	2.5874672	20	—	—
262498 2006 <i>UM</i> ₂₃₂	15.9	X	18.66651	267.28300	266.77698	12.76135	0.2050514	0.23427071	2.6060978	20	3 6.9	18.5
262499 2006 <i>UF</i> ₂₃₆	17.4	X	244.47165	325.26943	201.06739	4.34038	0.1607901	0.29143560	2.2530681	20	12 26.6	19.8
262500 2006 <i>UF</i> ₂₄₀	16.9	X	320.68589	180.50179	24.44040	5.83774	0.1761792	0.24254580	2.5464797	20	1 13.9	20.1
262501 2006 <i>UB</i> ₂₄₁	16.6	X	247.83122	338.63914	82.26658	7.42745	0.1020091	0.26831328	2.3807179	20	8 10.6	19.7
262502 2006 <i>UM</i> ₂₅₅	17.0	X	234.57926	313.55920	203.00909	2.13608	0.0377499	0.21605651	2.7505813	20	11 28.3	20.6
262503 2006 <i>UR</i> ₂₅₆	16.9	X	273.59930	244.97075	162.39553	2.21790	0.0668681	0.20384458	2.8593673	20	8 23.7	20.7
262504 2006 <i>UN</i> ₂₅₇	17.5	X	228.89200	78.60579	24.58179	6.83785	0.0697904	0.27668595	2.3324445	20	9 19.6	20.3
262505 2006 <i>UY</i> ₂₅₇	16.6	X	176.11071	218.05200	28.29677	12.25390	0.1459494	0.22598787	2.6693937	20	—	—
262506 2006 <i>UF</i> ₂₅₉	18.0	X	151.17628	248.29523	228.86462	0.88988	0.1400537	0.26166989	2.4208444	20	7 3.5	21.6
262507 2006 <i>UN</i> ₂₆₃	17.6	X	146.77353	232.49085	279.83688	1.82803	0.0831272	0.27084460	2.3658624	20	8 13.4	20.9
262508 2006 <i>UQ</i> ₂₆₄	16.8	X	205.86837	59.07758	204.88025	14.10312	0.1126561	0.23690660	2.5926440	20	—	—
262509 2006 <i>UR</i> ₂₆₄	16.8	X	155.22282	265.83494	11.26063	1.81775	0.0575239	0.22985433	2.6393739	20	—	—
262510 2006 <i>UD</i> ₂₆₇	15.9	X	310.80288	127.96625	31.55954	9.00878	0.2487689	0.22552475	2.6730469	20	—	—
262511 2006 <i>UZ</i> ₂₆₈	17.0	X	13.41257	214.65817	46.26160	1.86207	0.1628616	0.26590159	2.3950914	20	7 21.2	18.9
262512 2006 <i>UP</i> ₂₆₉	16.8	X	147.47059	232.71480	256.93470	6.88877	0.1707573	0.26026273	2.4295624	20	7 15.9	20.7
262513 2006 <i>UY</i> ₂₇₁	15.9	X	71.14482	224.46899	353.53977	4.59298	0.1326552	0.19293112	2.9620520	20	8 11.9	19.9
262514 2006 <i>US</i> ₂₇₂	16.8	X	151.55073	161.12727	269.96529	4.65332	0.0876775	0.25193318	2.4828232	20	4 29.1	20.5
262515 2006 <i>UG</i> ₂₇₆	17.6	X	81.21012	351.06056	350.91644	2.29694	0.0931605	0.22786851	2.6546861	20	—	—
262516 2006 <i>UR</i> ₂₇₇	17.8	X	184.42881	181.24367	350.66316	1.82584	0.1411935	0.27934037	2.3176450	20	10 18.5	21.0
262517 2006 <i>UH</i> ₂₇₉	16.9	X	7.35837	250.91490	66.97461	2.99858	0.0613004	0.20315738	2.8658117	20	9 14.4	20.5
262518 2006 <i>UN</i> ₂₇₉	16.8	X	301.06298	161.28542	58.01216	5.82722	0.1766607	0.24054132	2.5606070	20	1 8.9	20.4
262519 2006 <i>UN</i> ₂₈₁	15.9	X	112.89362	227.37755	52.97860	6.94644	0.0322884	0.21543603	2.7558601	20	12 7.3	19.7
262520 2006 <i>UR</i> ₂₈₁	17.4	X	182.94275	116.71991	217.13223	3.82260	0.2140256	0.24417769	2.5351212	20	2 5.5	21.7
262521 2006 <i>UD</i> ₂₈₄	16.9	X	202.67559	122.06050	38.05203	6.08255	0.0988520	0.28032769	2.3121999	20	10 28.7	19.7
262522 2006 <i>UJ</i> ₂₈₄	17.6	X	121.80358	228.46023	225.34028	3.80363	0.0841120	0.25109350	2.4883553	20	4 24.8	20.9
262523 2006 <i>UJ</i> ₂₈₉	17.0	X	133.88799	329.46938	336.60416	4.83101	0.1405337	0.22886568	2.6469695	20	—	—
262524 2006 <i>UJ</i> ₂₉₀	16.8	X	340.39839	175.30116	60.07984	5.41732	0.1536354	0.25389607	2.4700101	20	3 30.8	19.3
262525 2006 <i>UV</i> ₃₁₂	16.6	X	251.49442	6.54471	253.94667	4.43897	0.1144534	0.24100585	2.5573156	20	1 11.5	20.6
262526 2006 <i>UD</i> ₃₂₁	17.1	X	94.28882	208.69567	82.06555	2.85578	0.1135083	0.21284640	2.7781680	20	12 5.7	21.4
262527 2006 <i>UN</i> ₃₂₇	16.2	X	207.35285	8.36305	107.60505	3.76544	0.0662568	0.19643550	2.9308217	20	8 30.5	20.4
262528 2006 <i>UK</i> ₃₂₈	17.5	X	183.03501	137.43792	230.97939	2.65212	0.0483983	0.24687931	2.5165926	20	3 12.9	20.9
262529 2006 <i>UJ</i> ₃₂₉	15.8	X	142.39528	220.61513	319.32029	11.15331	0.0507718	0.20323374	2.8650938	20	9 3.5	20.1
262530 2006 <i>UT</i> ₃₂₉	15.6	X	226.31584	57.88956	335.02091	9.24174	0.0968274	0.18731971	3.0251511	20	6 1.1	20.3
262531 2006 <i>UV</i> ₃₂₉	16.0	X	28.67825	137.38899	84.56995	15.31126	0.0506101	0.25673499	2.4517678	20	6 6.5	18.8
262532 2006 <i>UK</i> ₃₃₁	17.2	X	157.16318	326.75068	301.77729	1.01879	0.0380740	0.22131994	2.7067970	20	—	—
262533 2006 <i>UC</i> ₃₃₈	17.1	X	161.94790	235.56277	78.01129	8.24396	0.2054474	0.23495687	2.6010215	20	—	—
262534 2006 <i>UF</i> ₃₃₈	17.3	X	134.71257	320.07456	118.85552	0.97686	0.1392400	0.25173784	2.4841075	20	4 27.1	20.9
262535 2006 <i>UK</i> ₃₄₀	16.5	X	138.81207	285.12488	56.85921	4.61812	0.0920968	0.23266862	2.6180474	20	—	—
262536 Nowikow	17.4	X	75.53339	287.11828	270.94117	0.51782	0.1460145	0.26217292	2.4177469	20	7 28.1	20.5
262537 2006 <i>UG</i> ₃₅₇	16.6	X	121.85476	254.54303	35.98095	9.60700	0.1914614	0.22347543	2.6893637	20	—	—
262538 2006 <i>VF</i>	16.8	X	236.82331	95.56419	0.76959	4.39095	0.1096333	0.27338645	2.3511737	20	9 12.4	19.7
262539 2006 <i>VA</i> ₄	15.8	X	287.93000	276.72056	236.72039	13.41087	0.0896699	0.22209240	2.7005170	20	—	—
262540 2006 <i>VF</i> ₆	17.0	X	322.30808	309.21326	59.33883	4.28781	0.1332524	0.27603181	2.3361280	20	9 26.6	19.0
262541 2006 <i>VR</i> ₆	17.5	X	154.35211	120.37542	251.68031	4.91723	0.2545499	0.24436066	2.5338556	20	2 28.9	21.9
262542 2006 <i>VU</i> ₆	17.2	X	303.33057	128.55368	284.34560	1.27006	0.2041418	0.27900103	2.3195238	20	10 19.3	18.5
262543 2006 <i>VJ</i> ₈	17.1	X	233.62723	24.79512	84.50658	2.19322	0.1394507	0.27353966	2.3502958	20	9 22.6	20.1
262544 2006 <i>VS</i> ₈	16.7	X	166.64283	277.14220	81.69166	3.94430	0.1982614	0.24346885	2.5400394	20	2 24.1	20.8
262545 2006 <i>VU</i> ₈	16.6	X	18.54279	275.62477	98.43045	3.11890	0.0984569	0.21424296	2.7660818	20	12 17.9	20.0
262546 2006 <i>VN</i> ₉	17.0	X	38.34789	21.7526								

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
262561	2006	VL ₂₈	17.0	X	228.31849	31.81797	35.48796	6.51555	0.1297940	0.26522044	2.3991904	20	7 20.9	20.4
262562	2006	VN ₂₈	15.8	X	232.65196	265.42900	252.58900	14.62043	0.0851218	0.21011785	2.8021675	20	11 18.8	19.7
262563	2006	VE ₂₉	16.9	X	209.85488	22.46310	45.59219	6.90791	0.1006253	0.26150809	2.4218429	20	7 1.6	20.4
262564	2006	VG ₃₀	15.8	X	68.50925	260.66045	253.43839	7.05440	0.1103162	0.17467601	3.1694255	20	5 11.1	20.0
262565	2006	VH ₃₀	15.4	X	282.29010	75.01391	252.09334	7.89918	0.0705430	0.18500258	3.0503583	20	5 19.8	19.7
262566	2006	VE ₃₁	16.9	X	217.89679	81.44496	16.36895	2.30008	0.1684735	0.26783210	2.3835685	20	8 14.7	20.4
262567	2006	VT ₃₃	16.8	X	5.93657	205.53967	61.85836	3.27033	0.1565449	0.26530482	2.3986817	20	7 14.5	18.7
262568	2006	VS ₃₅	16.9	X	66.53510	37.65004	46.25388	0.41379	0.0563350	0.23725671	2.5841857	20	1 25.4	19.9
262569	2006	VW ₄₁	16.9	X	160.99361	329.98796	114.57385	3.02708	0.1891158	0.25474834	2.4644980	20	6 2.4	20.8
262570	2006	VJ ₄₃	16.8	X	243.30127	346.82239	294.88228	2.25500	0.1532450	0.24465867	2.5317976	20	1 26.9	20.7
262571	2006	VK ₄₃	16.2	X	198.11845	161.33557	333.57636	2.42977	0.1535359	0.19948431	2.9008831	20	9 5.4	20.9
262572	2006	VH ₄₉	16.5	X	139.03505	70.69427	287.72544	3.11556	0.1034775	0.23508195	2.6000989	20	1 17.5	20.1
262573	2006	VZ ₅₇	16.4	X	324.97101	339.75229	93.63193	4.79825	0.0773408	0.21386627	2.7693288	20	12 13.5	19.7
262574	2006	VH ₆₀	16.9	X	199.82498	203.49074	116.47660	2.76197	0.1658987	0.24294246	2.5437071	20	2 3.5	20.9
262575	2006	VS ₆₃	15.8	X	220.50755	185.51387	244.84822	9.08184	0.0879295	0.19036822	2.9927682	20	7 12.8	20.3
262576	2006	VQ ₆₄	17.0	X	205.02520	7.38598	74.59383	2.35481	0.1606500	0.26230975	2.4169606	20	7 10.8	20.5
262577	2006	VQ ₆₇	16.4	X	320.07206	140.94400	216.93680	1.15056	0.0651335	0.19767474	2.9185598	20	8 24.2	20.1
262578	2006	VW ₆₇	17.2	X	87.21924	316.66803	63.06032	6.30803	0.2689044	0.23092382	2.6312184	20	1 3.4	20.0
262579	2006	VH ₆₈	15.8	X	184.55876	234.57218	69.02482	15.50250	0.1953384	0.23465087	2.6032823	20	1 3.6	20.2
262580	2006	VQ ₇₁	17.0	X	340.08443	200.69503	70.44477	5.19374	0.2072077	0.26043912	2.4284653	20	5 15.9	18.8
262581	2006	VU ₇₃	17.4	X	244.51208	278.60802	143.16688	1.82810	0.1271050	0.26630507	2.3926716	20	7 31.8	20.4
262582	2006	VB ₇₄	15.8	X	229.98311	354.54499	66.26940	2.97946	0.0890053	0.19018624	2.9946770	20	7 13.4	20.1
262583	2006	VQ ₇₈	16.7	X	130.79268	161.94111	80.41370	6.32070	0.0602462	0.28251171	2.3002679	20	11 26.1	19.9
262584	2006	VP ₈₁	15.2	X	167.73523	309.82308	86.50979	10.92924	0.0448787	0.17330800	3.1860822	20	4 11.4	20.1
262585	2006	VA ₈₃	17.6	X	47.17745	190.18363	265.12760	2.15398	0.0281506	0.23625999	2.5914485	20	1 10.9	20.9
262586	2006	VJ ₈₆	16.8	X	130.20161	8.31576	96.26297	4.38044	0.1427477	0.25258031	2.4785807	20	5 26.6	20.4
262587	2006	VD ₉₅	16.9	X	191.74277	2.20578	98.19169	3.58220	0.1583402	0.26478064	2.4018464	20	7 22.2	20.5
262588	2006	VZ ₉₅	16.6	X	248.85209	285.05039	225.02479	7.30621	0.2544112	0.21273963	2.7790975	20	11 5.6	20.5
262589	2006	VL ₉₆	16.9	X	108.38802	325.49362	80.64498	5.02744	0.1861966	0.23689415	2.5868217	20	2 23.9	20.4
262590	2006	VH ₉₈	15.3	X	114.72522	256.51899	241.25678	24.49360	0.2355245	0.17849126	3.1240987	20	6 25.6	20.6
262591	2006	VX ₁₀₀	17.1	X	256.61966	335.97110	75.46947	7.86684	0.1179311	0.27006034	2.3704393	20	8 7.0	20.1
262592	2006	VY ₁₀₀	17.0	X	77.68062	334.02744	101.66186	5.29770	0.2092499	0.23747754	2.5825834	20	2 23.6	19.8
262593	2006	VK ₁₀₂	17.5	X	106.09545	228.25232	318.86183	1.67349	0.1488970	0.26575743	2.3959575	20	8 19.4	20.7
262594	2006	VP ₁₀₄	17.2	X	209.84939	282.81731	140.05343	5.36134	0.1995549	0.26256417	2.4153444	20	6 18.0	21.2
262595	2006	VK ₁₁₁	16.2	X	210.52415	88.42184	42.64204	9.23340	0.0609913	0.20045066	2.8915523	20	9 25.8	20.5
262596	2006	VL ₁₁₄	16.3	X	219.81431	52.11721	247.31336	8.59940	0.0474689	0.24224966	2.5485546	20	1 26.6	20.0
262597	2006	VF ₁₁₆	16.1	X	317.04444	264.17317	236.14619	14.07458	0.0734514	0.22729021	2.6591871	20	—	—
262598	2006	VH ₁₁₆	16.8	X	246.50083	329.88949	79.83808	6.55168	0.1188810	0.26796617	2.3827733	20	7 19.7	20.0
262599	2006	VC ₁₁₈	16.5	X	88.33782	258.67565	44.74551	5.40157	0.0555807	0.21405146	2.7677313	20	12 9.1	20.4
262600	2006	VJ ₁₂₀	16.6	X	213.32410	48.93703	244.28961	2.77585	0.1339753	0.23907004	2.5711019	20	1 14.1	20.6
262601	2006	VZ ₁₂₀	16.6	X	313.07646	151.77290	51.29457	3.92708	0.0860545	0.23712198	2.5851644	20	1 15.5	19.9
262602	2006	VH ₁₂₁	17.0	X	229.51947	48.97481	21.90061	7.13398	0.0781280	0.26757129	2.3851171	20	8 4.3	20.2
262603	2006	VO ₁₂₂	16.7	X	304.57205	278.40261	266.09037	6.02268	0.1585139	0.22854712	2.6494286	20	—	—
262604	2006	VP ₁₂₃	16.4	X	279.68087	57.95953	20.34973	3.24632	0.0159205	0.20507447	2.8479235	20	10 18.4	20.0
262605	2006	VP ₁₃₃	16.7	X	339.27826	67.50701	36.23284	9.12710	0.2375724	0.21887468	2.7269198	20	—	—
262606	2006	VF ₁₃₄	17.7	X	220.95778	283.17958	132.53382	2.05600	0.1768890	0.26306564	2.4122740	20	6 20.7	21.2
262607	2006	VC ₁₃₇	17.4	X	105.78231	158.18568	55.58601	3.27310	0.1225085	0.26878053	2.3779580	20	9 23.2	20.8
262608	2006	VZ ₁₄₀	16.6	X	305.13173	224.27060	181.55362	1.89701	0.0643586	0.20330563	2.8644183	20	10 6.5	20.3
262609	2006	VD ₁₄₁	16.4	X	2.23523	7.84940	60.40383	4.26252	0.0707663	0.22042440	2.7141235	20	—	—
262610	2006	VU ₁₄₄	15.9	X	358.81299	195.50337	260.11996	15.17570	0.1903570	0.22428266	2.6829068	20	—	—
262611	2006	VX ₁₄₇	16.4	X	354.99622	276.88756	104.58659	7.79305	0.1181160	0.21147077	2.7902031	20	11 26.0	19.8
262612	2006	VH ₁₄₈	16.3	X	21.97464	104.08020	90.26252	10.62139	0.0551622	0.24116755	2.5561723	20	4 22.3	19.5
262613	2006	VW ₁₄₉	16.4	X	15.40898	217.79645	181.33271	6.52362	0.0818381	0.22110687	2.7085357	20	—	—
262614	2006	VD ₁₅₀	17.7	X	223.23921	21.96081	65.41567	2.14506	0.1533574	0.26937398	2.3744642	20	8 8.2	21.2
262615	2006	VE ₁₅₁	17.5	X	221.42024	356.82498	111.81543	2.14842	0.1397583	0.27271984	2.3550035	20	9 6.1	20.8
262616	2006	VR ₁₅₁	16.0	X	9.85647	49.58457	37.62051	22.64680	0.0122921	0.22680178	2.6630035	20	—	—
262617	2006	VT ₁₅₃	16.9	X	30.73244	293.98241	115.43415	3.16220	0.0810507	0.22536554	2.6743057	20	—	—
262618	2006	VO ₁₇₁	18.0	X	98.83872	101.69752	41.60395	2.82293	0.1192450	0.25495278	2.4631803	20	6 7.3	21.3
262619	2006	VN ₁₇₂	17.4	X	105.55266	324.82988	213.69874	2.80259	0.0721195	0.26548958	2.3975687	20	7 28.6	20.7
262620	2006	WA ₂	16.6	X	34.73448	51.96432	94.40286	4.29913	0.1371048	0.23918991	2.5702428	20	3 7.7	19.2
262621	2006	WG ₂	16.7	X	149.38937	259.71596	128.68195	4.07116	0.1565063	0.24294835	2.5433660	20	3 11.9	20.6
262622	2006	WU ₂	16.3	X	352.92346	177.67593	157.29310	2.62936	0.0182542	0.19952985	2.9004416	20	9 11.9	20.1
262623	2006	WY ₂	18.6	X	66.44986	159.97288	99.84455	27.55315	0.3329324	1.01088388	0.9832604	20	—	—
262624	2006	WN ₄	15.4	X	111.45872	71.23362	264.14125	27.99638	0.3564192	0.22858414	2.6491425	20	—	—
262625	2006	WR ₈	16.4	X	269.99509	295.78407	191.82822	4.05999	0.0123237	0.21271426	2.7793185	20	12 9.7	20.1
262626	2006	WO ₁₄	16.2	X	152.44679	266.96964	81.77891	14.03118	0.1894769	0.23704666	2.5857120	20	1 30.9	20.4
262627	2006	WF ₁₆	16.1	X	163.18459	68.84373	271.98000	5.59205	0.1100582	0.23843684	2.5756517	20	1 21.6	20.0
262628	2006	WE ₂₁	16.8	X	69.32063	314.77760	163.17973	3.60637	0.0724671	0.24179571	2.5517433	20	3 16.6	19.8
262629	2006	WT ₂₂	16.8	X	223.44149	43.15593	201.85037	3.30713	0.0917691	0.22529320	2.6748781	20	—	—
262630	2006	WX ₂₇	16.9	X	125.99666	182.19069	239							

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
262641	2006	WE ₄₉	16.0	X	34.26422	247.94677	91.11367	7.21947	0.0820022	0.20981345	2.8048770	20	11 22.5	19.7
262642	2006	WT ₄₉	16.9	X	182.09108	30.04194	64.16749	5.84759	0.0702358	0.25971549	2.4329741	20	7 6.5	20.3
262643	2006	WS ₅₀	17.1	X	293.55294	79.31173	52.24839	4.45143	0.0632160	0.21674413	2.7447607	20	—	—
262644	2006	WK ₅₁	16.5	X	353.80638	253.69060	140.92668	3.83272	0.1491019	0.21186907	2.7867051	20	12 13.8	19.7
262645	2006	WC ₅₂	16.8	X	239.57521	231.52594	46.98709	3.82297	0.1445605	0.23899888	2.5716121	20	1 21.8	20.9
262646	2006	WS ₅₃	17.0	X	122.11992	105.63500	44.17300	3.37272	0.1222994	0.25666652	2.4522038	20	7 15.6	20.5
262647	2006	WJ ₅₅	16.4	X	171.85923	274.99452	58.52024	6.18618	0.2234051	0.23880641	2.5729938	20	1 31.3	20.8
262648	2006	WE ₅₇	15.8	X	2.77413	231.72814	318.24832	10.56230	0.2360201	0.22578851	2.6709647	20	2 27.5	18.1
262649	2006	WY ₆₀	16.9	X	210.28946	5.93778	93.21418	6.22924	0.0992851	0.26936932	2.3744916	20	8 16.2	20.2
262650	2006	WN ₆₁	16.0	X	243.23899	106.78678	183.61265	3.16631	0.1248326	0.24508513	2.5288597	20	2 7.4	19.9
262651	2006	WL ₆₃	17.1	X	100.91321	35.30564	15.59081	5.01196	0.1591325	0.23764928	2.5813390	20	2 16.2	20.4
262652	2006	WG ₆₉	16.5	X	160.79861	271.18514	88.39330	12.79964	0.2649566	0.24231809	2.5480747	20	2 27.3	21.0
262653	2006	WM ₇₀	16.7	X	66.64755	288.35017	24.34239	3.82970	0.0879513	0.21328051	2.7743970	20	11 29.1	20.6
262654	2006	WT ₈₆	16.7	X	155.06879	119.31053	253.61313	3.17100	0.3083944	0.24370507	2.5383977	20	3 5.7	21.2
262655	2006	WL ₉₀	14.9	X	67.11292	267.62402	277.60798	16.40100	0.1143891	0.17275695	3.1928538	20	6 20.2	19.1
262656	2006	WM ₉₀	16.9	X	49.20952	236.01078	225.50669	2.70369	0.1563638	0.22884845	2.6471023	20	1 30.9	19.7
262657	2006	WO ₉₅	16.1	X	137.54614	214.39372	66.17134	14.55482	0.2336037	0.22256597	2.6966849	20	—	—
262658	2006	WL ₁₀₂	17.0	X	26.44341	111.39838	276.12512	0.78418	0.0998983	0.21750905	2.7383219	20	—	—
262659	2006	WB ₁₀₅	16.3	X	186.83326	206.00657	79.25294	5.02355	0.1570877	0.22995164	2.6386292	20	—	—
262660	2006	WH ₁₀₅	16.7	X	10.53096	24.17711	88.38746	3.73253	0.0430715	0.22915140	2.6447688	20	—	—
262661	2006	WJ ₁₀₅	15.6	X	351.65430	13.37784	241.88248	7.68655	0.0372629	0.18178507	3.0862462	20	5 26.5	19.7
262662	2006	WT ₁₀₈	17.0	X	15.35072	46.57739	87.01110	2.87567	0.0993836	0.23248179	2.6194499	20	1 14.5	19.8
262663	2006	WG ₁₀₉	17.3	X	84.66710	359.56347	79.29018	3.58138	0.0868178	0.23702012	2.5859051	20	2 19.2	20.5
262664	2006	WJ ₁₀₉	16.2	X	327.16531	277.02539	89.34479	3.18051	0.0544149	0.19944504	2.9012638	20	9 18.4	19.8
262665	2006	WK ₁₀₉	16.4	X	149.80311	275.52069	74.14577	14.53435	0.2906207	0.23862200	2.5743192	20	2 8.3	21.0
262666	2006	WA ₁₁₁	16.7	X	140.70960	207.75356	142.49887	1.65661	0.1384575	0.23376526	2.6098532	20	1 13.6	20.3
262667	2006	WB ₁₁₉	18.1	X	180.06233	61.59819	103.42558	0.16362	0.1667503	0.27512656	2.3412495	20	10 3.5	21.7
262668	2006	WX ₁₂₀	15.9	X	208.15702	92.82768	248.36100	14.10590	0.0386442	0.24347173	2.5400193	20	3 1.7	19.9
262669	2006	WW ₁₂₂	16.4	X	267.94257	74.63506	87.23050	16.40871	0.2162124	0.21498321	2.7597284	20	12 24.0	19.6
262670	2006	WH ₁₂₈	16.9	X	170.43485	195.80602	270.95573	4.56642	0.1311875	0.25917919	2.4363292	20	7 8.9	20.7
262671	2006	WZ ₁₃₆	17.5	X	319.60927	270.24781	86.12205	7.92578	0.1377075	0.27565606	2.3382504	20	9 2.6	19.7
262672	2006	WD ₁₃₈	16.7	X	71.32463	229.41820	95.56041	7.71002	0.1542652	0.29240088	2.2481068	20	—	—
262673	2006	WH ₁₄₁	16.7	X	334.14903	226.25651	149.89840	2.63636	0.0594957	0.20566133	2.8425032	20	10 12.0	20.2
262674	2006	WP ₁₄₄	16.0	X	336.75933	34.47900	85.07261	15.32870	0.0813891	0.22364020	2.6880425	20	—	—
262675	2006	WV ₁₄₆	15.6	X	327.35681	216.57403	63.48919	10.05710	0.0453920	0.18224596	3.0810407	20	5 24.1	19.6
262676	2006	WS ₁₄₇	16.0	X	6.45398	31.64068	75.20811	12.50999	0.0885927	0.22698197	2.6615940	20	—	—
262677	2006	WO ₁₅₀	16.5	X	2.13660	290.74470	101.05921	9.86335	0.1799027	0.21256617	2.7806092	20	12 27.9	19.5
262678	2006	WR ₁₅₃	16.9	X	117.09593	133.13701	306.86882	3.96295	0.2189942	0.24015811	2.5633301	20	4 16.5	20.8
262679	2006	WD ₁₅₈	16.8	X	97.84309	8.12192	17.53251	2.86666	0.1557596	0.23319041	2.6141405	20	1 8.9	20.0
262680	2006	WH ₁₅₉	16.4	X	37.17525	352.60746	80.43991	12.27384	0.0835725	0.22245447	2.6975859	20	—	—
262681	2006	WU ₁₅₉	16.3	X	226.88094	65.17854	56.55576	8.06647	0.1078435	0.19936734	2.9020176	20	9 27.4	20.6
262682	2006	WE ₁₆₀	15.3	X	186.67410	291.46511	109.91615	13.55463	0.0283426	0.16898710	3.2401641	20	5 8.8	20.2
262683	2006	WQ ₁₆₅	15.6	X	0.12267	7.36171	245.41571	17.08949	0.2340727	0.18534338	3.0466179	20	6 4.9	18.3
262684	2006	WN ₁₆₆	17.4	X	22.84082	128.08626	249.90810	1.14890	0.0949032	0.21519192	2.7579438	20	12 28.4	20.8
262685	2006	WF ₁₆₉	17.0	X	139.75858	129.01964	236.68911	1.38161	0.0706973	0.23602073	2.5931996	20	1 22.9	20.4
262686	2006	WD ₁₇₀	16.0	X	107.12754	308.43323	250.09817	7.79313	0.0904005	0.19150341	2.9809295	20	8 19.1	20.5
262687	2006	WA ₁₇₃	16.6	X	193.90840	50.69181	250.97553	10.25157	0.1829179	0.23420115	2.6066138	20	1 7.6	21.0
262688	2006	WA ₁₇₇	16.5	X	38.67660	190.31333	141.74186	7.02318	0.0567317	0.20990042	2.8041022	20	11 16.7	20.4
262689	2006	WX ₁₇₉	17.1	X	310.66391	75.48961	114.98883	1.47210	0.0980181	0.23219183	2.6216301	20	—	—
262690	2006	WE ₁₈₅	15.0	X	148.48360	272.63409	224.28890	25.39622	0.1918752	0.18577343	3.0419144	20	7 17.4	20.6
262691	2006	WA ₁₈₆	16.1	X	320.92656	167.12397	287.48464	7.76148	0.1329542	0.21601426	2.7509399	20	—	—
262692	2006	WQ ₁₈₉	16.7	X	193.44315	306.22115	124.96898	7.35124	0.1401842	0.25796395	2.4439747	20	6 15.9	20.5
262693	2006	WZ ₁₉₁	16.3	X	3.23502	32.45149	243.03560	4.32866	0.1166221	0.18967127	3.0000951	20	7 11.1	19.7
262694	2006	WN ₁₉₂	17.4	X	175.97185	289.70985	250.76593	2.14032	0.0822379	0.27491698	2.3424392	20	10 24.3	20.6
262695	2006	WP ₁₉₂	17.0	X	37.83397	165.73915	241.58729	2.02620	0.1511790	0.22297501	2.6933859	20	—	—
262696	2006	WL ₁₉₄	16.8	X	209.77767	306.41323	111.42773	6.85618	0.0893284	0.25804913	2.4434368	20	6 18.3	20.3
262697	2006	WS ₁₉₄	16.0	X	184.47987	270.82461	112.95298	5.84038	0.1495769	0.24764257	2.5114190	20	4 9.6	20.0
262698	2006	WY ₁₉₄	16.5	X	306.54190	352.57211	93.57025	6.16515	0.1369066	0.21136932	2.7910958	20	11 28.9	19.5
262699	2006	WP ₁₉₈	16.4	X	322.06910	343.29146	223.32586	4.73451	0.1436201	0.23480511	2.6021422	20	1 21.7	19.9
262700	2006	WX ₂₀₂	16.4	X	68.80530	247.95787	110.12341	5.40081	0.0835835	0.21149455	2.7899940	20	—	—
262701	2006	WZ ₂₀₂	16.7	X	172.98900	78.23879	255.13646	3.06344	0.2597659	0.23945695	2.5683315	20	1 31.1	21.2
262702	2006	XS	16.8	X	115.83581	150.35814	239.31675	5.17346	0.1381024	0.23536397	2.5980215	20	2 1.2	20.3
262703	2006	XL ₃	16.7	X	184.31230	18.85624	104.32965	10.33983	0.0743358	0.26320035	2.4114508	20	8 20.4	20.1
262704	2006	XG ₄	16.7	X	97.17094	349.32012	34.03218	13.35701	0.2162472	0.22895415	2.6462876	20	1 17.7	20.3
262705	2006	Vosne-Romanee	17.0	X	195.05327	30.06739	75.35794	3.53490	0.1352141	0.26328857	2.4109121	20	8 3.2	20.5
262706	2006	XS ₄	16.5	X	147.22070	320.01532	83.61443	6.59938	0.2256219	0.24318853	2.5419909	20	4 5.1	20.7
262707	2006	XE ₅	15.6	X	188.70545	69.52614	272.67613	11.37819	0.3254866	0.24165345	2.5527447	20	2 18.8	20.6
262708	2006	XO ₆	16.5	X	316.25443	282.73132	90.06997	13.24121	0.1160137	0.27384509	2.3485479	20	9 27.6	19.1
262709	2006	XG ₇	16.7	X	111.36935	358.76294	66.51869	5.95410	0.0325989	0.23864347	2.5741648	20	3 1.7	20.2
262710	2006	XO ₇	16.0	X	60.39135	299.81201	78							

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
262721	2006	XA ₂₂	17.0	X	90.77762	327.56117	78.24753	1.67325	0.0529468	0.23154743	2.6264920	20	1 10.3	20.4
262722	2006	XL ₂₄	17.2	X	229.60746	300.35978	110.42815	8.17165	0.1701687	0.26120769	2.4236994	20	6 23.8	20.8
262723	2006	XM ₂₅	17.2	X	28.57057	152.22397	258.05823	3.98389	0.1595561	0.22095994	2.7097362	20	—	—
262724	2006	XQ ₂₈	17.3	X	264.38908	307.60940	98.66560	2.24721	0.1821883	0.26843926	2.3799730	20	7 28.6	20.3
262725	2006	XV ₂₈	16.3	X	159.66141	125.64439	245.89863	5.72549	0.1096450	0.23955386	2.5676388	20	2 22.8	20.2
262726	2006	XY ₂₈	15.6	X	33.71752	98.18017	82.70163	6.16795	0.0774960	0.17162044	3.2069341	20	4 24.7	19.7
262727	2006	XL ₃₂	16.4	X	201.95571	129.73401	281.79375	1.50279	0.1792946	0.18241594	3.0791264	20	5 27.7	21.5
262728	2006	XE ₃₃	16.7	X	87.27294	57.84026	55.56043	5.81700	0.0939065	0.24297121	2.5435064	20	4 10.2	20.0
262729	2006	XJ ₃₇	16.5	X	228.85059	261.53041	112.89347	3.93718	0.1510408	0.25242612	2.4795899	20	5 8.8	20.3
262730	2006	XV ₃₇	15.8	X	13.93583	186.56448	106.73944	10.74264	0.0652111	0.18853737	3.0121118	20	8 21.8	19.7
262731	2006	XX ₃₇	16.1	X	229.86641	116.99602	95.72746	9.77345	0.0879822	0.21348712	2.7726067	20	—	—
262732	2006	XP ₃₈	16.8	X	323.96480	44.73853	91.94488	5.58004	0.0658433	0.21795262	2.7346053	20	—	—
262733	2006	XA ₃₉	17.1	X	19.79905	25.06454	96.08660	3.71208	0.1045046	0.22651263	2.6652693	20	1 5.9	20.0
262734	2006	XN ₃₉	16.4	X	258.85340	245.89255	43.07165	5.64596	0.1120956	0.24647460	2.5193467	20	2 26.3	20.1
262735	2006	XW ₃₉	16.3	X	108.36058	154.34801	247.65435	3.84875	0.1803161	0.23609491	2.5926564	20	2 13.9	19.8
262736	2006	XA ₄₃	16.9	X	65.20097	194.66790	265.12735	2.00384	0.1500569	0.23219968	2.6215711	20	2 24.7	19.8
262737	2006	XE ₄₅	16.9	X	205.95227	208.90872	79.95838	6.24636	0.1673010	0.23159796	2.6261099	20	1 4.2	21.1
262738	2006	XN ₄₅	16.0	X	155.12095	342.83921	83.89511	3.37174	0.0909963	0.17485289	3.1672877	20	5 2.6	20.7
262739	2006	XU ₄₆	15.3	X	134.48499	212.65663	291.85597	4.74866	0.0597275	0.18579317	3.0416989	20	7 13.2	19.7
262740	2006	XH ₄₇	16.0	X	340.09812	345.32285	100.72380	10.49961	0.1397191	0.21620043	2.7493605	20	—	—
262741	2006	XA ₄₉	15.8	X	161.48765	348.54600	283.85138	12.81957	0.1667823	0.21119186	2.7926591	20	—	—
262742	2006	XE ₄₉	16.5	X	34.25927	254.25897	115.45136	4.63691	0.1036054	0.20924634	2.8099427	20	—	—
262743	2006	XT ₄₉	16.8	X	33.67829	311.31984	118.48071	5.68170	0.0962055	0.22040764	2.7142611	20	—	—
262744	2006	XA ₅₀	15.8	X	34.62975	173.12373	112.80195	12.57200	0.0884674	0.18926219	3.0044166	20	9 16.6	19.9
262745	2006	XB ₅₁	16.6	X	320.62613	6.31089	124.11352	7.48896	0.0476343	0.21543017	2.7559101	20	—	—
262746	2006	XJ ₅₁	15.8	X	356.45955	63.01797	85.09315	9.23071	0.0860622	0.22589146	2.6701532	20	1 6.6	19.0
262747	2006	XN ₅₁	16.7	X	354.90534	267.12925	249.08842	3.36677	0.0769922	0.23165040	2.6257136	20	1 13.9	19.8
262748	2006	XZ ₅₃	15.5	X	232.71269	60.92270	282.53094	13.93005	0.2185020	0.25226540	2.4806430	20	3 20.7	20.0
262749	2006	XU ₅₅	16.9	X	176.42544	283.10121	121.93251	13.65826	0.1801901	0.24498756	2.5295311	20	5 2.4	21.3
262750	2006	XX ₅₅	15.8	X	105.65419	247.96839	112.19271	15.48025	0.1302665	0.22061795	2.7125358	20	—	—
262751	2006	XA ₅₆	16.6	X	337.88999	288.41949	105.68088	10.45043	0.2594646	0.20457807	2.8525285	20	11 22.3	19.1
262752	2006	XD ₅₇	16.6	X	72.32093	35.25514	89.79607	5.42360	0.1285509	0.24177731	2.5518728	20	4 10.9	19.7
262753	2006	XO ₅₇	16.5	X	210.11711	335.94074	233.58444	6.71238	0.1545888	0.21371878	2.7706027	20	12 18.5	20.6
262754	2006	XW ₅₇	16.1	X	43.64665	23.90225	85.38670	13.95642	0.1381360	0.23172822	2.6251257	20	2 2.5	19.0
262755	2006	XN ₅₈	17.0	X	335.38401	128.01044	9.40859	2.61897	0.1282119	0.22060340	2.7126551	20	—	—
262756	2006	XE ₆₀	16.7	X	69.26704	275.50896	84.02507	6.43910	0.0813846	0.21426295	2.7659097	20	—	—
262757	2006	XN ₆₀	16.9	X	315.69368	91.44958	32.30066	2.35060	0.1706229	0.21419078	2.7665309	20	—	—
262758	2006	XZ ₆₀	15.2	X	46.24040	106.99560	83.51840	10.59830	0.0386873	0.17667663	3.1454538	20	5 20.3	19.6
262759	2006	XD ₆₁	17.0	X	215.97047	335.22706	152.14718	1.53410	0.1371469	0.27205110	2.3588612	20	9 24.8	20.2
262760	2006	XE ₆₂	15.5	X	235.48153	285.89739	101.68325	12.58112	0.1028628	0.18150082	3.0894677	20	6 6.8	20.2
262761	2006	XO ₆₄	16.3	X	20.49649	56.77003	28.44694	6.89621	0.1016632	0.22548452	2.6733648	20	—	—
262762	2006	XP ₆₄	17.2	X	109.39049	352.57379	109.10025	3.81702	0.1649063	0.24575743	2.5242456	20	5 2.9	20.7
262763	2006	XH ₆₆	16.5	X	53.56329	326.04941	164.29019	9.96430	0.1504287	0.23833226	2.5764052	20	3 19.9	19.2
262764	2006	XE ₆₉	16.4	X	94.61877	182.42620	344.86179	4.55874	0.1049759	0.17541760	3.1604865	20	6 30.8	20.9
262765	2006	XN ₆₉	15.4	X	55.35663	144.98270	78.54062	18.01210	0.1592852	0.18152230	3.0892240	20	8 3.1	19.8
262766	2006	XX ₆₉	16.9	X	143.63357	289.41210	83.86256	2.80119	0.0616634	0.23230889	2.6270494	20	2 6.7	20.5
262767	2006	XY ₇₂	16.5	X	110.78415	71.13425	350.36317	2.18030	0.1166489	0.23793699	2.5792577	20	3 5.4	19.8
262768	2006	YC ₁	16.1	X	203.21891	270.10176	61.50707	2.32808	0.2026381	0.24247368	2.5469846	20	2 21.3	20.3
262769	2006	YS ₄	17.2	X	85.76399	164.05213	303.34013	3.43016	0.1910585	0.23464737	2.6033082	20	4 11.9	20.5
262770	2006	YT ₄	16.1	X	179.58084	124.70748	310.71894	8.88137	0.2008566	0.17425130	3.1745733	20	6 5.9	21.6
262771	2006	YY ₅	16.5	X	5.49124	14.83037	86.58868	9.95019	0.1749587	0.22319372	2.6916261	20	—	—
262772	2006	YH ₇	16.1	X	182.29532	174.38018	176.14049	5.94507	0.1733458	0.24330770	2.5411608	20	2 23.9	20.2
262773	2006	YZ ₇	15.4	X	132.31300	263.37125	135.71722	14.19304	0.1743632	0.24064767	2.5598525	20	3 11.7	19.3
262774	2006	YJ ₇	16.8	X	213.66788	261.45030	233.84685	4.26121	0.1725048	0.26933252	2.3747079	20	9 26.1	20.4
262775	2006	YR ₈	17.0	X	3.03427	214.49011	341.82933	1.86899	0.0318922	0.23649687	2.5897179	20	3 22.1	20.0
262776	2006	YA ₁₂	17.1	X	174.55755	170.53206	296.04623	0.41496	0.1325161	0.25521299	2.4615058	20	7 13.1	20.8
262777	2006	YR ₁₂	15.9	X	42.41991	316.05869	109.10020	15.55736	0.1304406	0.22173207	2.7034419	20	—	—
262778	2006	YZ ₁₂	15.7	X	295.71078	274.54304	129.79497	11.11023	0.1277128	0.19227017	2.9729990	20	9 14.2	19.5
262779	2006	YM ₁₃	16.7	X	11.95115	353.36208	29.33773	5.51175	0.1685233	0.21137679	2.7910301	20	12 29.2	20.1
262780	2006	YO ₁₃	16.5	X	87.37275	9.78884	102.43847	15.76320	0.0887658	0.23855671	2.5747889	20	4 15.1	20.2
262781	2006	YN ₁₄	16.6	X	50.06141	263.62622	232.06567	3.69863	0.1907111	0.23361847	2.6109463	20	3 24.4	19.1
262782	2006	YF ₁₈	16.8	X	181.44908	277.98925	104.66833	4.17385	0.1906040	0.24504103	2.5291631	20	4 5.6	21.0
262783	2006	YL ₁₈	16.0	X	278.77580	322.39161	49.24951	5.40193	0.0509287	0.19023875	2.9941260	20	7 16.8	20.1
262784	2006	YS ₁₈	15.4	X	111.19895	251.49844	296.71928	19.29177	0.1224291	0.18234117	3.0799681	20	8 11.7	20.2
262785	2006	YD ₂₀	16.9	X	185.17824	276.40839	91.76583	5.22679	0.1813282	0.24004251	2.5641531	20	3 22.8	21.1
262786	2006	YO ₂₃	17.5	X	38.20893	348.96467	61.61998	3.62370	0.1855521	0.22099573	2.7094437	20	—	—
262787	2006	YJ ₂₅	16.3	X	99.99756	274.42513	91.08856	15.43404	0.2367046	0.22632387	2.6667511	20	—	—
262788	2006	YN ₂₅	15.3	X	14.57646	303.51191	313.26884	9.68135	0.0779014	0.17895495	3.1186998	20	7 3.4	19.3
262789	2006	YG ₃₄	16.5	X	142.23011	284.98721	46.92774	5.84083	0.0538193	0.22123823	2.7074634	20	—	—
262790	2006	YK ₃₄	16.7	X	324.04837	73.86845	40.48800	4.91265	0.0250314	0.21327616	2.7744347	20	—	

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
262801 2006 YP ₅₂	15.9	X	130.23217	39.74390	118.98798	10.73966	0.0337089	0.18220035	3.0815549	20	7 23.9	20.3
262802 2006 YU ₅₃	16.6	X	15.85426	328.06408	123.63340	9.96749	0.0872108	0.21868739	2.7284766	20	—	—
262803 2006 YZ ₅₃	15.5	X	232.29963	250.40121	129.98565	19.00825	0.1245210	0.17467449	3.1694438	20	5 27.3	20.7
262804 2006 YE ₅₄	16.4	X	78.78365	67.99376	298.33471	5.30798	0.0738453	0.21457549	2.7632232	20	—	—
262805 2006 YS ₅₄	16.5	X	9.55987	299.44806	179.92003	4.41634	0.0845927	0.22362037	2.6882014	20	—	—
262806 2006 YX ₅₄	17.5	X	37.94617	345.80660	147.74541	5.90627	0.1135401	0.23173491	2.6250752	20	2 22.1	20.1
262807 2007 AU	16.8	X	83.47466	317.06728	118.25213	5.07548	0.1141436	0.23158851	2.6261813	20	2 17.1	20.0
262808 2007 AW	16.0	X	140.30768	181.35997	118.15768	4.39992	0.0694321	0.21340986	2.7732758	20	—	—
262809 2007 AA ₅	16.7	X	124.44132	283.30164	108.18707	3.67434	0.1901045	0.23481371	2.6020786	20	2 23.4	20.4
262810 2007 AR ₅	16.1	X	63.31405	18.53661	294.60211	5.36193	0.0467389	0.20289461	2.8682855	20	11 17.5	20.1
262811 2007 AM ₇	16.4	X	220.19172	220.74695	127.12780	6.19305	0.2488349	0.24598285	2.5227032	20	3 25.3	20.8
262812 2007 AG ₈	16.2	X	84.06412	265.29082	124.80779	14.65644	0.0899910	0.22213229	2.7001937	20	—	—
262813 2007 AN ₈	15.7	X	9.68285	134.70065	127.69686	12.18693	0.0944159	0.17715060	3.1398408	20	7 2.9	19.6
262814 2007 AR ₉	16.5	X	338.30518	150.94506	307.14254	3.02212	0.0668257	0.21373015	2.7705045	20	—	—
262815 2007 AA ₁₀	16.0	X	248.90823	296.12495	294.70671	3.82868	0.1036505	0.21988067	2.7185960	20	—	—
262816 2007 AM ₁₀	16.7	X	75.27473	109.84732	325.42179	6.84487	0.1418722	0.23053571	2.6341707	20	2 8.3	19.7
262817 2007 AJ ₁₄	16.1	X	136.78577	58.28832	124.24758	7.33363	0.0764695	0.26053297	2.4278821	20	9 13.6	19.5
262818 2007 AQ ₁₆	16.7	X	87.30875	184.83787	277.36257	4.03544	0.1773275	0.23701099	2.5859715	20	4 4.4	20.0
262819 2007 AQ ₁₇	16.3	X	4.64192	2.84750	129.79804	13.17691	0.1226415	0.22345661	2.6895146	20	—	—
262820 2007 AG ₁₈	16.7	X	59.83794	121.01151	329.66426	11.44406	0.2139092	0.23031830	2.6358281	20	2 13.5	19.1
262821 2007 AH ₁₉	16.6	X	60.67596	59.60631	41.34986	4.75273	0.1772065	0.23073559	2.6326492	20	2 26.1	19.4
262822 2007 AL ₁₉	15.9	X	344.78525	3.75796	134.72702	5.71625	0.0519685	0.22067538	2.7120652	20	—	—
262823 2007 AP ₁₉	16.1	X	41.78982	342.17455	130.21516	13.23374	0.1340004	0.22794353	2.6541036	20	2 1.2	18.6
262824 2007 AB ₂₁	16.3	X	320.56442	340.63861	139.16390	9.82793	0.1060558	0.21098004	2.7945281	20	—	—
262825 2007 AD ₂₃	15.3	X	63.90304	330.24637	295.99463	14.54394	0.1644765	0.18636768	3.0354446	20	9 14.9	19.9
262826 2007 AM ₂₃	16.1	X	318.08639	26.51074	137.28481	6.38910	0.0090375	0.22088555	2.7103446	20	—	—
262827 2007 AN ₂₃	16.7	X	155.76082	139.45074	250.64699	2.76636	0.2316380	0.23979932	2.5658863	20	3 22.7	20.9
262828 2007 AN ₂₇	17.1	X	123.28137	128.58624	87.79357	7.44470	0.0491304	0.27278083	2.3546525	20	10 14.9	20.3
262829 2007 AO ₂₇	15.5	X	87.40485	273.46273	111.25389	15.44315	0.1561000	0.22025642	2.7155032	20	—	—
262830 2007 AY ₂₈	17.1	X	208.00389	24.93255	216.14721	2.60280	0.0432387	0.21439574	2.7647675	20	—	—
262831 2007 AW ₂₉	16.4	X	245.03284	288.52991	270.81281	2.70886	0.0365228	0.21060444	2.7978496	20	—	—
262832 2007 BP	16.6	X	63.73713	305.87511	118.06076	7.83405	0.2028024	0.22613907	2.6682037	20	1 12.6	19.0
262833 2007 BD ₁	16.6	X	203.40411	323.78655	109.09687	7.78515	0.0976415	0.25437948	2.4668799	20	6 30.4	20.0
262834 2007 BY ₁	17.1	X	80.67955	208.61743	170.94864	2.51551	0.0697886	0.21985837	2.7187799	20	—	—
262835 2007 BE ₂	16.5	X	146.81720	300.25319	110.12643	5.52483	0.2366767	0.24007474	2.5639236	20	4 13.2	20.8
262836 2007 BN ₃	16.8	X	163.02109	99.00345	287.88304	3.15672	0.2192045	0.24190193	2.5509963	20	3 23.5	21.0
262837 2007 BP ₃	16.3	X	113.47600	6.68933	71.77826	11.85366	0.0521885	0.23661858	2.5888297	20	3 28.5	20.0
262838 2007 BM ₄	16.4	X	101.97646	326.13429	87.91499	6.35437	0.2617678	0.23311912	2.6146734	20	3 9.4	20.1
262839 2007 BF ₅	16.7	X	177.76207	327.96255	133.10634	6.77582	0.0932850	0.25515152	2.4619012	20	7 9.4	20.4
262840 2007 BM ₅	16.7	X	73.85220	55.30318	25.58620	5.19710	0.1981781	0.23109501	2.6299188	20	2 24.0	19.6
262841 2007 BB ₆	15.9	X	22.24834	281.82154	262.89304	10.93037	0.1753642	0.23535700	2.5980727	20	4 2.8	18.6
262842 2007 BT ₆	14.9	X	40.12308	125.09025	129.86305	11.67938	0.0614597	0.18025729	3.1036601	20	8 5.2	19.0
262843 2007 BO ₈	15.2	X	92.61382	51.53241	111.32827	19.50689	0.1268371	0.17177303	3.2050346	20	6 26.1	19.9
262844 2007 BQ ₁₀	16.4	X	358.83095	347.91583	108.06686	9.35684	0.1041262	0.21555935	2.7548089	20	—	—
262845 2007 BL ₁₂	17.4	X	144.37477	22.43407	30.20367	2.07426	0.1130543	0.23810947	2.5780120	20	4 1.8	21.0
262846 2007 BX ₁₆	17.0	X	105.90343	111.94988	342.10983	4.30204	0.1264436	0.23877838	2.5731951	20	4 10.0	20.6
262847 2007 BR ₁₇	15.3	X	45.98056	111.96976	128.62411	11.70255	0.0764145	0.17733934	3.1376127	20	7 27.1	19.5
262848 2007 BT ₁₇	17.1	X	49.56860	306.49144	152.54180	5.11241	0.1214789	0.22760223	2.6567562	20	1 26.0	20.0
262849 2007 BC ₁₉	16.7	X	72.75735	324.27850	135.65866	5.62137	0.1744272	0.23304310	2.6152420	20	3 14.8	19.6
262850 2007 BK ₁₉	16.1	X	53.29595	14.06514	76.30796	7.11162	0.1231229	0.22571855	2.6715166	20	1 23.1	19.1
262851 2007 BT ₁₉	16.5	X	24.28272	88.18431	167.82989	12.65497	0.2528873	0.23088107	2.6315432	20	3 12.2	18.8
262852 2007 BN ₂₀	16.4	X	15.44912	296.73804	149.73365	6.86992	0.2026946	0.21730815	2.7400093	20	—	—
262853 2007 BF ₂₁	16.1	X	356.93037	19.81985	95.61093	16.17245	0.2045870	0.21754131	2.7380512	20	—	—
262854 2007 BQ ₃₀	16.9	X	27.97287	306.16303	110.13804	2.27610	0.0748252	0.21339386	2.7734144	20	—	—
262855 2007 BS ₃₁	16.1	X	50.07804	352.38003	107.17999	14.05540	0.1345837	0.22715138	2.6602705	20	1 30.6	19.0
262856 2007 BP ₃₃	15.6	X	228.45933	119.53047	299.80198	8.21868	0.0650088	0.18273512	3.0755399	20	7 12.1	20.0
262857 2007 BV ₃₃	17.1	X	26.99605	183.81579	280.77629	0.71890	0.0525922	0.22396389	2.6854519	20	—	—
262858 2007 BR ₃₄	16.7	X	337.25339	304.82739	293.54313	0.99447	0.0959217	0.23908424	2.5710001	20	4 3.9	19.5
262859 2007 BG ₃₅	16.8	X	58.41415	322.76719	94.56175	5.96895	0.2189068	0.22377700	2.6869469	20	—	—
262860 2007 BS ₃₆	16.6	X	348.65585	359.30808	73.14395	5.37315	0.0883405	0.20924202	2.8099814	20	—	—
262861 2007 BG ₃₈	16.1	X	330.25989	13.70679	128.47589	14.47987	0.1457986	0.21796672	2.7344874	20	—	—
262862 2007 BS ₃₈	17.0	X	200.92121	320.02352	137.82965	4.40030	0.1397944	0.25802114	2.4436135	20	7 28.3	20.7
262863 2007 BY ₃₈	16.6	X	305.01425	295.40105	129.98084	8.11755	0.1510271	0.20261603	2.8709140	20	10 28.3	19.9
262864 2007 BG ₃₉	16.6	X	121.28488	152.67695	77.89600	1.80557	0.0450595	0.19394742	2.9558340	20	10 14.8	20.9
262865 2007 BZ ₄₀	17.0	X	57.84603	303.29721	135.86012	2.24166	0.0836668	0.22528560	2.6749382	20	1 10.8	20.2
262866 2007 BD ₄₇	16.1	X	128.89219	150.53455	89.96256	3.20610	0.0926608	0.19201278	2.9756554	20	11 6.4	20.7
262867 2007 BH ₄₈	16.7	X	82.00550	6.99543	89.39171	4.13195	0.0065247	0.22873269	2.6479954	20	2 28.9	20.2
262868 2007 BS ₄₈	16.0	X	111.36525	238.53009	350.79935	10.38316	0.1100296	0.18552490	3.0446304	20	10 3.2	20.7
262869 2007 BD ₄₉	16.1	X	4.50626	1.10595	345.39599	9.87915	0.1006263	0.19118877	2.9841992	20	10 13.8	19.9
262870 2007 BM ₅₀	15.3	X	36.62385	104.63286	106.95900	17.21856	0.0203483	0.17339364	3.1850330	20	6 3.2	19.9
262871 2007 BB ₅₁	16.6	X	146.38021	113.94042	323.15781	14.64764	0.0913152	0.24265626	2.5457068	20	4 25.9	20.7
262872 2007 BJ ₅₈	16.6	X	39.58759	119.68359	337.03197	10.71648	0.2028247	0.22401718	2.6850260	20	1 12.2	19.1
262873 2007 BR ₅₈	16.9	X	107.00369	282.86345	177.14135	3.60477	0.1898909	0.23784537	2.5799201	20	4 30.9	20.7
262874 2007 BV ₅₈	16.9	X	164.45296	306.09844	141.64530	6.63572	0.1485977	0.24541399	2.5266001	20	6 9.1	21.0
26287												

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
262881 2007 BE ₇₈	15.6 ^m	X	272.12285	277.95713	170.78124	9.27426	0.0817849	0.18943007	3.0026412	20	10 12.2	19.6
262882 2007 BA ₈₀	15.6	X	289.86681	353.82880	138.02945	13.80153	0.0927517	0.20934755	2.8090370	20	—	—
262883 2007 CX ₁	17.2	X	299.35639	294.91207	171.56144	2.04452	0.0234315	0.20296439	2.8676280	20	12 17.4	20.9
262884 2007 CQ ₂	15.5	X	23.39099	318.53768	316.34385	12.24588	0.1126908	0.17844250	3.1246678	20	8 12.1	19.3
262885 2007 CM ₅	15.2	X	123.59670	357.67475	141.45363	30.96510	0.1761636	0.17266884	3.1939398	20	7 6.5	20.7
262886 2007 CK ₇	16.5	X	337.28057	299.29781	86.31840	3.30391	0.1173241	0.20044195	2.8916361	20	10 29.6	19.7
262887 2007 CD ₁₀	16.6	X	354.36282	206.88879	135.71854	12.00933	0.0835617	0.19147973	2.9811753	20	9 29.7	20.5
262888 2007 CG ₁₃	16.2	X	56.52377	144.80511	117.41640	5.22192	0.0947984	0.18265688	3.0764181	20	9 12.9	20.4
262889 2007 CW ₁₄	16.2	X	210.98613	310.48679	151.44348	11.52429	0.1162076	0.18475737	3.0530567	20	8 9.4	20.8
262890 2007 CJ ₁₇	16.4	X	137.54230	209.08029	25.02159	2.00289	0.1049891	0.19282084	2.9673361	20	11 6.6	21.1
262891 2007 CM ₁₇	15.9	X	132.90887	60.74878	127.85720	9.94124	0.0806195	0.18397149	3.0617451	20	9 8.6	20.6
262892 2007 CA ₂₀	16.5	X	41.26358	100.49047	294.39561	6.06179	0.1426675	0.21394409	2.7686572	20	—	—
262893 2007 CP ₂₀	17.1	X	272.38562	207.43590	292.60360	1.23749	0.1032250	0.20528193	2.8460044	20	12 15.6	20.7
262894 2007 CQ ₂₁	16.4	X	216.66837	218.30840	297.94815	7.69190	0.1791545	0.19579181	2.9372218	20	10 12.9	21.1
262895 2007 CB ₂₃	16.5	X	189.13713	235.13305	181.76897	2.41761	0.1030522	0.17247697	3.1963082	20	5 24.9	21.4
262896 2007 CH ₂₅	16.6	X	82.78431	230.94034	300.24913	3.89178	0.1200110	0.24198300	2.5504265	20	6 25.2	19.9
262897 2007 CA ₃₀	16.4	X	94.52481	119.96966	137.18139	5.68048	0.1606056	0.18966980	3.0001106	20	10 29.2	21.1
262898 2007 CX ₃₃	16.3	X	182.87935	59.01463	318.59194	11.21347	0.0352078	0.23559752	2.5963042	20	3 21.1	20.2
262899 2007 CF ₄₀	16.2	X	148.52398	227.89506	140.03360	14.32374	0.1841769	0.22847419	2.6499924	20	2 17.9	20.3
262900 2007 CF ₄₂	16.7	X	147.09890	85.54609	318.17726	0.77010	0.2172334	0.23735735	2.5834552	20	4 1.1	20.7
262901 2007 CV ₄₂	16.4	X	328.22089	355.90709	152.85653	3.87968	0.0769258	0.21639449	2.7477165	20	—	—
262902 2007 CQ ₄₄	16.4	X	256.43041	308.88180	142.47296	9.54257	0.0548392	0.19320029	2.9634495	20	9 30.6	20.5
262903 2007 CC ₄₆	15.7	X	314.19220	344.56459	306.56861	12.30063	0.1545903	0.24159685	2.5531434	20	4 27.0	19.0
262904 2007 CE ₄₆	15.5	X	65.70738	74.44449	154.60397	11.45653	0.0160099	0.17923605	3.1154382	20	7 29.2	20.0
262905 2007 CS ₄₆	16.3	X	16.26808	325.02390	150.89442	8.35840	0.1223256	0.22142313	2.7059560	20	—	—
262906 2007 CT ₄₆	15.1	X	80.83627	292.77934	322.92414	8.40352	0.1895703	0.18383533	3.0632567	20	10 10.1	19.9
262907 2007 CV ₄₆	15.9	X	280.32663	318.38220	231.40096	5.85934	0.0836972	0.21405963	2.7676608	20	—	—
262908 2007 CU ₅₀	16.2	X	14.12752	45.82154	171.62725	12.95237	0.1066945	0.23872584	2.5735726	20	5 12.3	19.2
262909 2007 CA ₅₁	16.2	X	42.59092	250.24461	57.90816	10.51858	0.0503970	0.19055339	2.9908291	20	10 19.2	20.3
262910 2007 CL ₅₁	15.3	X	57.08847	294.41868	334.55429	10.64171	0.0739335	0.18302051	3.0723419	20	9 14.8	19.6
262911 2007 CE ₅₂	16.0	X	43.10422	333.66238	90.10329	9.07908	0.0566276	0.21622915	2.7491170	20	—	—
262912 2007 CW ₅₂	15.2	X	264.78368	304.67071	178.17090	2.80512	0.1369560	0.12502654	3.9609671	20	10 23.9	20.7
262913 2007 CF ₅₃	15.7	X	210.68160	109.16578	332.01857	12.31045	0.2076041	0.18047392	3.1011760	20	7 11.2	21.0
262914 2007 CW ₅₄	16.6	X	356.77178	139.59631	88.23219	5.60615	0.1526732	0.23948247	2.5681491	20	4 22.6	19.1
262915 2007 CZ ₅₄	16.1	X	307.13798	340.34540	160.36020	7.07195	0.1300637	0.20905185	2.8116852	20	—	—
262916 2007 CK ₅₈	15.8	X	66.24267	299.20350	125.51879	24.85637	0.2558768	0.22461701	2.6802437	20	1 27.1	18.3
262917 2007 CC ₆₁	16.0	X	296.07168	254.87552	336.97056	12.89236	0.0844927	0.22296907	2.6934338	20	2 4.0	19.7
262918 2007 CA ₆₂	17.7	X	278.77696	74.03838	159.17015	22.83369	0.0494207	0.37061378	1.9195010	20	—	—
262919 2007 CB ₆₄	16.7	X	51.20672	272.10291	128.62202	4.49927	0.1009665	0.21420089	2.7664439	20	—	—
262920 2007 CN ₆₄	17.0	X	99.56963	187.66087	294.24428	3.53233	0.0874560	0.23690709	2.5867275	20	5 4.3	20.4
262921 2007 CR ₆₄	16.3	X	239.79177	246.78399	266.40238	3.25904	0.0686507	0.20004886	2.8954229	20	11 21.9	20.3
262922 2007 CH ₆₅	16.5	X	261.11433	103.25540	156.13273	4.83037	0.1324656	0.22287304	2.6942074	20	1 20.9	20.7
262923 2007 DD ₂	15.8	X	309.47412	105.70973	71.70306	8.28095	0.1761204	0.21620927	2.7492855	20	—	—
262924 2007 DH ₄	16.2	X	260.70389	273.67303	177.10247	10.83667	0.1133787	0.19085997	2.9876255	20	9 23.7	20.3
262925 2007 DS ₄	16.5	X	139.83752	30.23748	293.53188	4.48587	0.0705220	0.21913061	2.7247962	20	—	—
262926 2007 DA ₇	15.8	X	237.69824	343.82019	98.85141	8.24953	0.1693741	0.18804241	3.0173951	20	8 10.7	20.4
262927 2007 DQ ₈	16.8	X	37.52239	257.84134	138.69623	5.50665	0.0809589	0.21289992	2.7777024	20	—	—
262928 2007 DQ ₉	16.5	X	257.78703	27.25075	56.01893	2.83956	0.0414165	0.18650836	3.0339181	20	9 21.4	20.6
262929 2007 DS ₉	15.8	X	344.94448	292.35569	274.50416	8.10683	0.1717941	0.22665996	2.6641142	20	2 21.4	18.8
262930 2007 DF ₁₂	15.4	X	148.55152	317.73072	153.65968	10.36307	0.0377235	0.17298638	3.1900300	20	6 16.4	20.2
262931 2007 DM ₁₂	16.2	X	104.98146	272.20727	114.32254	7.20151	0.0345229	0.21984124	2.7189211	20	1 3.9	19.7
262932 2007 DB ₁₇	16.5	X	275.27500	46.66697	42.84893	2.56687	0.0665035	0.19480366	2.9471724	20	10 19.1	20.2
262933 2007 DY ₁₇	15.7	X	286.99646	228.94793	150.29270	5.84257	0.0987204	0.18058317	3.0999250	20	7 28.7	19.9
262934 2007 DO ₁₉	16.5	X	56.81837	263.46903	353.74123	2.22057	0.0241303	0.18022703	3.1040076	20	8 25.7	20.8
262935 2007 DW ₁₉	17.0	X	122.88430	283.46893	138.62843	3.29532	0.2136321	0.23359991	2.6110846	20	4 2.8	20.9
262936 2007 DJ ₂₁	16.0	X	149.81103	72.59961	123.78852	2.67866	0.0934782	0.18618930	3.0373831	20	10 5.0	20.7
262937 2007 DG ₂₅	16.9	X	290.19710	207.13729	294.70184	1.03864	0.0316272	0.20536650	2.8452230	20	—	—
262938 2007 DK ₂₇	15.5	X	100.21299	62.63504	116.12332	4.13697	0.0690689	0.17201976	3.2019693	20	7 16.7	20.1
262939 2007 DY ₂₈	16.3	X	57.47093	55.89443	5.40251	5.63320	0.0687548	0.21503232	2.7593082	20	—	—
262940 2007 DT ₃₀	15.6	X	356.29319	318.26246	352.99027	9.93933	0.1037521	0.17684785	3.1434233	20	8 19.1	19.4
262941 2007 DC ₃₁	15.8	X	333.52780	140.95165	154.67920	2.25899	0.0940078	0.16904125	3.2394722	20	6 18.7	20.0
262942 2007 DO ₃₂	16.3	X	311.56772	54.20192	24.54314	2.00710	0.0874042	0.19717384	2.9235006	20	11 24.6	19.9
262943 2007 DA ₃₃	15.4	X	305.61860	334.27027	359.17315	6.01738	0.0823709	0.17080268	3.2171620	20	6 28.0	19.8
262944 2007 DH ₃₇	16.5	X	335.46514	279.29605	176.21925	2.79575	0.1162724	0.20467148	2.8516606	20	—	—
262945 2007 DT ₄₁	15.9	X	154.10478	166.99813	106.37429	5.26620	0.0676680	0.20985997	2.8044626	20	—	—
262946 2007 DB ₄₃	16.2	X	313.23061	306.87124	165.53082	10.10368	0.1049274	0.20713839	2.8289742	20	—	—
262947 2007 DT ₄₅	15.7	X	83.03087	342.64855	300.89252	8.66699	0.0581357	0.19850213	3.0194441	20	11 3.1	20.1
262948 2007 DG ₄₈	15.9	X	313.19431	218.73013	165.53626	13.73476	0.1510920	0.18695261	2.9209109	20	9 9.4	19.2
262949 2007 DE ₅₁	15.5	X	185.54565	301.86732	151.85518	17.05459	0.0742803	0.17367813	3.1815539	20	7 5.7	20.6
262950 2007 DK ₅₂	17.2	X	95.68367	14.50431	16.62414	1.31842	0.1569824	0.22601537	2.6691771	20	1 14.4	20.4
262951 2007 DN ₅₈	16.4	X	330.30754	196.05553	222.43124	1.12884	0.0666732	0.19530125	2.9421583	20	11 26.9	20.2
262952 2007 DC ₆₀	16.2	X	327.05579	328.47995	185.45050	10.26085	0.1816254	0.21641890	2.7475098	20	—	—
262953 2007 DL ₇₅	16.2	X	120.61053	77.01496	145.78640	1.87416	0.1702779	0.18144970	3.0900479	20	10 10.8	21.1
262954 2007 DN ₇₅	16.7	X	38.58309	132.46763</								

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
262961	2007	DT ₉₀	16.7 ^m	X	108.65146	24.88826	26.73650	2.41836	0.0602830	0.22465641	2.6799303	20	2 13.3	20.2
262962	2007	DY ₉₁	15.9	X	44.78592	208.83074	128.00673	2.91197	0.0913265	0.19514644	2.9437141	20	11 30.3	19.9
262963	2007	DH ₉₅	17.1	X	19.14675	21.92312	53.68969	4.21313	0.2156788	0.21362310	2.7714300	20	—	—
262964	2007	DH ₉₆	15.8	X	175.19631	13.54359	171.13914	9.18372	0.0988043	0.18771145	3.0209407	20	10 17.1	20.5
262965	2007	DR ₉₉	15.7	X	197.94756	350.00929	142.73189	9.97384	0.0882021	0.18605548	3.0388394	20	9 7.3	20.4
262966	2007	DO ₁₀₁	14.7	X	113.19517	263.70344	297.80814	11.65072	0.1712316	0.17703908	3.1411593	20	9 2.8	19.9
262967	2007	DT ₁₀₅	15.8	X	320.27306	38.49379	26.64213	2.74547	0.0798489	0.19394801	2.9558280	20	11 19.6	19.4
262968	2007	DO ₁₁₅	16.7	X	162.76614	147.90239	170.93840	1.12688	0.0900018	0.21331203	2.7741237	20	—	—
262969	2007	DN ₁₁₆	15.2	X	114.50552	128.68160	36.33338	11.96112	0.0310434	0.17309330	3.1887162	20	7 13.8	19.9
262970	2007	EB ₁	16.0	X	312.77315	69.40406	104.35846	14.70919	0.0583170	0.22045167	2.7138996	20	—	—
262971	2007	EH ₉	16.1	X	188.83373	108.24197	9.34930	10.32173	0.0466153	0.17563096	3.1579264	20	8 13.4	20.8
262972	2007	Peternansfield	16.9	X	48.47485	79.35650	18.85462	2.72889	0.0526354	0.22172024	2.7035380	20	1 21.3	20.4
262973	2007	ET ₁₀	16.1	X	211.47591	291.50947	185.73973	1.91469	0.0427517	0.18557502	3.0440821	20	9 5.3	20.5
262974	2007	EH ₁₂	15.7	X	188.29543	293.47851	171.87793	17.70282	0.1710897	0.17961847	3.1110146	20	7 18.6	21.1
262975	2007	EK ₁₄	15.9	X	131.92850	333.97600	171.96284	18.57210	0.1144746	0.17313341	3.1882238	20	7 14.2	21.1
262976	2007	EV ₁₆	15.9	X	82.27840	102.52980	129.39222	4.06582	0.0585352	0.17558594	3.1584661	20	8 30.8	20.3
262977	2007	EK ₁₇	15.8	X	224.71667	269.67789	170.45474	9.42853	0.0648787	0.17757810	3.1347996	20	7 31.7	20.4
262978	2007	EN ₁₉	16.5	X	82.13141	243.03413	139.93338	5.95108	0.0412053	0.21592838	2.7516692	20	—	—
262979	2007	EL ₂₄	15.9	X	170.87776	184.44529	110.67964	3.30137	0.0343829	0.20609182	2.8385434	20	—	—
262980	2007	EE ₂₅	16.3	X	180.53412	357.24117	187.95719	3.80447	0.2234426	0.18556315	3.0442119	20	10 15.9	21.5
262981	2007	EJ ₃₀	15.4	X	107.20551	158.05833	8.19802	13.41639	0.1269525	0.17028940	3.2236235	20	7 19.6	20.5
262982	2007	EG ₃₁	16.0	X	214.97199	292.35716	139.62253	8.69610	0.1668800	0.17947927	3.1126230	20	7 3.9	21.0
262983	2007	EK ₄₃	15.8	X	220.68770	123.11164	358.73347	8.05587	0.1476870	0.18565350	3.0432242	20	9 11.8	20.4
262984	2007	EX ₄₃	16.5	X	45.82733	134.03544	357.77975	9.72062	0.1756239	0.22592111	2.6699195	20	3 12.1	19.0
262985	2007	EJ ₄₆	16.1	X	150.79324	357.33148	188.01662	0.41955	0.1671517	0.18134257	3.0912648	20	9 21.9	21.1
262986	2007	EC ₄₈	16.2	X	170.89725	121.18492	40.76700	3.68814	0.1575820	0.18059293	3.0998134	20	9 13.2	21.2
262987	2007	EA ₅₄	15.9	X	105.46994	27.45382	155.26352	4.06511	0.0904688	0.16907838	3.2389979	20	7 29.7	20.8
262988	2007	EJ ₆₂	15.9	X	322.57675	253.09996	126.71619	5.28157	0.0715043	0.18533904	3.0466656	20	9 26.7	19.8
262989	2007	ER ₇₀	16.3	X	219.82807	115.74859	111.10252	3.16201	0.0104797	0.20320142	2.8653976	20	—	—
262990	2007	EP ₈₀	16.6	X	84.62904	183.99616	169.14385	6.26193	0.0195611	0.20883673	2.8136158	20	—	—
262991	2007	EA ₈₃	16.7	X	14.65628	272.33074	158.95663	9.57056	0.1654162	0.21414647	2.7669125	20	—	—
262992	2007	EC ₉₀	16.0	X	271.03937	217.61031	170.96372	2.52480	0.0539477	0.17932642	3.1143915	20	7 25.9	20.3
262993	2007	EE ₉₀	16.5	X	74.37460	159.62234	162.75992	2.31363	0.0724943	0.19811590	2.9142255	20	12 15.3	20.8
262994	2007	EJ ₉₂	16.5	X	191.01129	217.30158	94.09645	2.73642	0.0667582	0.22018427	2.7160964	20	1 15.9	20.4
262995	2007	EP ₉₇	16.1	X	134.76582	346.69516	160.92722	6.53048	0.0542160	0.17523966	3.1626255	20	7 15.7	20.8
262996	2007	EU ₉₈	15.9	X	295.64443	262.94307	144.00165	4.81726	0.1302890	0.18630843	3.0360882	20	9 14.1	19.7
262997	2007	EK ₁₀₆	15.8	X	55.13251	271.57743	60.07008	5.46301	0.0766897	0.18944337	3.0025006	20	12 2.5	20.0
262998	2007	EW ₁₀₆	15.8	X	249.25925	60.78213	111.09575	6.02760	0.0519242	0.20064253	2.8897086	20	12 29.7	19.6
262999	2007	EP ₁₀₉	16.1	X	65.42462	6.82027	153.38860	5.21864	0.0667349	0.23192704	2.6236252	20	5 9.4	19.5
263000	2007	ET ₁₀₉	16.4	X	352.51256	347.77220	110.77021	3.19818	0.0252134	0.20348144	2.8627681	20	—	—
263001	2007	ES ₁₁₅	17.0	X	18.33635	345.56752	169.56760	7.69362	0.2273664	0.22227197	2.6990623	20	2 15.4	19.2
263002	2007	EL ₁₁₆	15.3	X	19.39120	300.38381	49.07701	10.86571	0.0779107	0.18254188	3.0777100	20	11 7.9	19.2
263003	2007	ER ₁₂₆	16.1	X	285.64039	254.48869	280.21983	14.03814	0.2266520	0.21877216	2.7277717	20	—	—
263004	2007	EK ₁₂₈	16.1	X	199.12940	2.15078	168.22481	3.05352	0.0785136	0.19050170	2.9913701	20	10 25.4	20.6
263005	2007	EP ₁₂₉	16.3	X	222.78388	146.73627	357.09998	1.74119	0.0521454	0.19027010	2.9937970	20	10 21.3	20.5
263006	2007	EM ₁₃₁	16.6	X	184.22721	42.51254	138.48050	0.25825	0.0596423	0.18792797	3.0186199	20	10 22.3	21.0
263007	2007	EA ₁₄₀	16.7	X	48.87616	290.82855	159.60168	9.85084	0.0966957	0.22451124	2.6810855	20	1 11.9	20.0
263008	2007	EU ₁₅₂	16.8	X	67.17148	37.36469	40.28480	5.58486	0.0901345	0.21973706	2.7197804	20	1 26.6	20.1
263009	2007	EX ₁₅₂	15.5	X	117.64341	160.95935	96.05247	4.31477	0.0388387	0.18969911	2.9998016	20	11 11.2	19.8
263010	2007	EH ₁₅₃	16.0	X	86.30028	335.67093	50.95112	5.55307	0.0727319	0.21163981	2.7887172	20	—	—
263011	2007	ET ₁₆₃	15.3	X	115.66837	95.30195	120.49719	5.36859	0.0829036	0.17845444	3.1245285	20	9 22.8	20.0
263012	2007	ES ₁₆₆	12.6	X	358.53823	45.75863	182.01895	14.30827	0.1059139	0.08291941	5.2083309	20	5 5.7	19.0
263013	2007	EF ₁₆₇	15.9	X	101.48755	19.39410	186.27917	5.68800	0.1108796	0.17469307	3.1692191	20	8 24.7	20.7
263014	2007	ED ₁₇₀	15.7	X	154.44148	105.14886	99.02176	1.50334	0.2310727	0.18342789	3.0677912	20	10 18.0	20.9
263015	2007	EM ₁₇₁	15.7	X	151.87644	162.64137	19.16909	5.72024	0.1254904	0.17805265	3.1292271	20	9 19.2	20.6
263016	2007	ET ₁₈₂	15.4	X	124.21513	351.47166	207.83456	13.83498	0.1568634	0.17540315	3.1606601	20	9 10.9	20.6
263017	2007	EA ₁₉₂	16.5	X	244.36386	133.34993	7.24326	3.33339	0.0630901	0.19086808	2.9875408	20	11 10.5	20.6
263018	2007	EP ₁₉₆	16.6	X	162.76940	8.80569	142.88454	0.39201	0.1359468	0.17624858	3.1505446	20	8 22.7	21.6
263019	2007	EU ₁₉₉	15.4	X	274.77263	68.58204	1.43034	9.58058	0.0739689	0.18482523	3.0523093	20	9 20.8	19.4
263020	2007	EL ₂₀₀	15.7	X	191.98731	166.78420	83.16573	7.61536	0.0106817	0.20338102	2.8637104	20	—	—
263021	2007	EW ₂₀₂	16.3	X	326.80703	124.65752	12.80825	2.56824	0.0773479	0.21287533	2.7779163	20	—	—
263022	2007	EV ₂₀₆	15.5	X	356.77669	171.27519	184.22698	4.71295	0.1381426	0.17986019	3.1082266	20	10 18.4	19.0
263023	2007	EF ₂₁₀	15.3	X	122.29118	358.74240	119.15828	10.24811	0.0477392	0.16721774	3.2629805	20	5 27.1	20.1
263024	2007	EB ₂₁₁	15.8	X	94.93674	44.28948	336.42994	14.62794	0.0761101	0.21474688	2.7617529	20	—	—
263025	2007	ES ₂₁₃	16.0	X	164.53536	1.21748	162.50468	1.65801	0.1129461	0.18090442	3.0962541	20	9 8.4	20.7
263026	2007	ED ₂₁₄	16.7	X	106.67374	196.39319	186.88931	6.17019	0.0203460	0.21508093	2.7588925	20	—	—
263027	2007	EM ₂₂₀	15.4	X	23.26231	141.65145	213.67090	8.83985	0.0873704	0.18387384	3.0628920	20	11 22.3	19.4
263028	2007	EH ₂₂₁	16.0	X	197.64472	305.36602	216.76651	4.76945	0.1204565	0.18424157	3.0587522	20	10 7.9	20.9
263029	2007	EZ ₂₂₃	15.9	X	248.81803	17.21084	147.12631	2.70005	0.0316858	0.19485821	2.9466163	20	12 21.2	19.9
263030	2007	FB ₂₁	16.0	X	203.78945	16.97007</								

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
263041 2007 GC ₄₇	15.4	X	170.78084	153.96125	65.34891	10.79872	0.0872148	0.18475913	3.0530373	20	11 21.3	20.0
263042 2007 GV ₇₃	15.4	X	259.55910	13.69165	174.74555	11.25696	0.0587577	0.19869461	2.9085642	20	—	—
263043 2007 GL ₇₄	15.5	X	122.29440	208.93454	2.62011	10.17500	0.1730726	0.17672856	3.1448376	20	9 27.7	20.7
263044 2007 HB ₅	15.8	X	197.54830	106.11629	69.25447	9.45720	0.0490360	0.18614788	3.0378337	20	11 2.1	20.2
263045 2007 HE ₇	15.5	X	133.08763	124.01000	87.58355	13.92442	0.1596135	0.17796984	3.1301978	20	10 13.9	20.8
263046 2007 HE ₁₃	16.0	X	227.79881	104.17794	66.67165	4.31579	0.1696395	0.19141916	2.9818041	20	11 15.2	20.5
263047 2007 HZ ₂₂	15.8	X	278.11290	16.06366	76.80911	5.15890	0.0762013	0.18259684	3.0770924	20	10 25.0	19.9
263048 2007 HE ₂₃	15.2	X	295.83715	344.40609	61.77582	12.71806	0.0575123	0.17494236	3.1662077	20	9 26.5	19.6
263049 2007 HM ₃₀	16.5	X	7.63560	317.06308	180.86935	4.04491	0.0445308	0.21434503	2.7652036	20	1 14.5	20.0
263050 2007 HD ₄₈	16.1	X	327.72852	0.28112	67.29798	4.86968	0.1025736	0.18878607	3.0094659	20	12 3.1	19.7
263051 2007 HV ₄₈	15.4	X	235.52426	272.56454	211.88625	25.59920	0.1981569	0.18509583	3.0493338	20	9 19.9	20.3
263052 2007 HF ₄₉	15.7	X	59.46438	199.55626	112.67061	4.68553	0.0921621	0.17916487	3.1162633	20	11 15.8	20.2
263053 2007 HX ₄₉	16.0	X	162.94661	85.81480	52.42085	32.57900	0.1138521	0.16938371	3.2351043	20	8 20.7	21.7
263054 2007 HE ₅₅	15.1	X	311.57249	344.47662	79.98152	14.09272	0.1149871	0.18494601	3.0509803	20	11 6.5	19.0
263055 2007 HK ₅₅	16.0	X	74.02350	146.58754	140.12136	6.03969	0.2192144	0.17566108	3.1575654	20	11 16.6	21.0
263056 2007 HL ₅₈	15.2	X	81.68385	163.05307	76.76844	11.92162	0.1177502	0.17247193	3.1963704	20	9 22.1	20.1
263057 2007 HU ₅₈	15.5	X	170.39695	125.28806	80.11529	14.15406	0.2192245	0.18456908	3.0551327	20	11 4.4	20.9
263058 2007 HW ₆₇	16.0	X	257.20977	307.07242	168.19782	5.72396	0.1405802	0.18902214	3.0069596	20	10 16.9	20.2
263059 2007 HZ ₆₇	15.6	X	217.76944	290.80287	180.01746	10.27837	0.0925899	0.17848550	3.1241659	20	8 28.4	20.4
263060 2007 HM ₈₈	15.9	X	169.77327	19.24912	207.36552	2.19966	0.0662605	0.18590962	3.0404286	20	11 29.8	20.4
263061 2007 HC ₉₀	15.4	X	103.01765	179.41067	119.92066	13.83780	0.1586341	0.18498111	3.0505943	20	12 22.6	20.4
263062 2007 HO ₉₅	15.3	X	119.09399	111.61786	97.40353	6.94369	0.1573965	0.17297708	3.1901444	20	9 24.2	20.4
263063 2007 HT ₉₇	15.8	X	162.05682	122.14262	89.97403	5.99625	0.1054042	0.18026185	3.1036078	20	11 4.5	20.7
263064 2007 JA ₁₁	16.1	X	180.78808	357.83362	237.46836	2.22706	0.1101342	0.18937291	3.0032454	20	12 18.9	20.6
263065 2007 JX ₁₈	15.6	X	152.00701	127.93859	111.51492	5.45918	0.0974663	0.18325901	3.0696756	20	11 26.5	20.5
263066 2007 JW ₂₀	14.9	X	72.79409	186.17929	96.97345	17.69411	0.0696853	0.17801672	3.1296481	20	10 30.9	19.7
263067 2007 JA ₂₂	15.2	X	64.43040	212.04608	125.59901	10.84912	0.0935946	0.18320530	3.0702756	20	12 21.9	19.7
263068 2007 JL ₃₁	15.9	X	187.27363	280.47190	223.07303	8.83447	0.0419310	0.17558114	3.1585236	20	9 5.7	20.7
263069 2007 JL ₃₂	15.4	X	353.84772	266.52525	77.94329	12.69100	0.0315998	0.17159359	3.2072687	20	9 28.7	20.0
263070 2007 KY ₇	16.1	X	76.57514	44.90347	147.50030	4.16849	0.2085372	0.23573491	2.5952953	20	7 28.6	19.8
263071 2007 KT ₈	15.4	X	161.18138	143.31990	93.05393	8.87299	0.1257513	0.18768185	3.0212583	20	12 1.6	20.2
263072 2007 LN ₄	15.2	X	233.29657	241.89270	228.25511	13.50548	0.1163267	0.17434517	3.1734338	20	9 7.0	20.2
263073 2007 LQ ₂₄	15.7	X	171.72111	125.99128	85.29446	5.82639	0.1029869	0.18208017	3.0829108	20	11 12.5	20.5
263074 2007 NA ₂	14.9	X	104.35596	141.83101	148.79925	28.07941	0.1951584	0.17218837	3.1998786	20	12 17.2	20.6
263075 2007 OW ₆	17.3	X	271.49708	66.79721	303.73659	16.16710	0.1636840	0.37201530	1.9146770	20	6 25.2	19.2
263076 2007 RZ ₁₄	17.9	X	316.61526	8.94442	28.07091	1.91088	0.1533872	0.30712529	2.1756665	20	11 7.0	19.0
263077 2007 RE ₁₁₆	16.8	X	178.20362	223.78679	211.78744	4.69596	0.1254803	0.28371760	2.2937453	20	6 6.4	20.2
263078 2007 RU ₁₅₀	12.5	X	313.32131	311.88105	103.59298	13.55978	0.1311880	0.08114735	5.2838826	20	10 7.9	19.1
263079 2007 RU ₁₉₁	17.4	X	145.71208	11.58632	164.30345	4.88330	0.0659179	0.30099127	2.2051262	20	9 17.9	20.3
263080 2007 RU ₂₂₆	14.0	X	305.20973	297.61278	146.74586	5.09543	0.0094032	0.08224572	5.2367338	20	11 5.6	20.9
263081 2007 RX ₂₃₃	16.7	X	350.03321	40.41464	267.16855	5.58499	0.2342254	0.29971622	2.2113758	20	8 23.8	17.8
263082 2007 RT ₂₃₇	17.4	X	43.59171	22.71974	199.10751	4.53024	0.0957819	0.29358050	2.2420807	20	7 7.4	19.8
263083 2007 RQ ₂₄₄	17.7	X	236.64500	272.17268	146.77060	2.92584	0.1478922	0.29184598	2.2509555	20	7 16.4	20.7
263084 2007 RV ₂₉₂	17.2	X	2.24185	358.30339	188.88287	6.58269	0.1443339	0.26919046	2.3755432	20	2 23.3	19.4
263085 2007 SS ₇	16.0	X	243.76085	54.51623	185.74870	18.16887	0.2623083	0.18394757	3.0620106	20	—	—
263086 2007 SX ₁₅	17.6	X	273.08360	93.44881	32.76300	22.32043	0.0684253	0.35336701	1.9814603	20	1 30.2	20.4
263087 2007 SB ₂₀	17.1	X	298.12871	298.25432	351.62513	6.31082	0.1098425	0.27904985	2.3192533	20	4 9.3	20.0
263088 2007 TL ₁₁	17.0	X	277.19902	356.64924	24.87501	6.49312	0.0962180	0.29347070	2.2426399	20	7 30.9	19.5
263089 2007 TE ₃₉	17.0	X	269.07925	13.63163	38.54905	7.59865	0.1051161	0.29541201	2.2328041	20	9 3.4	19.4
263090 2007 TE ₄₇	17.1	X	264.46535	168.02376	221.90016	4.90542	0.1578837	0.29213821	2.2494541	20	7 9.1	19.9
263091 2007 TH ₆₄	16.6	X	305.05991	310.20219	211.34087	15.81725	0.0689329	0.24715086	2.5147490	20	—	—
263092 2007 TB ₆₉	16.8	X	227.07844	162.65835	259.54496	18.02282	0.0933013	0.36994388	1.9218175	20	7 16.3	19.1
263093 2007 TG ₁₁₅	17.2	X	241.47374	250.19862	149.17305	7.53180	0.1135482	0.28766579	2.2727094	20	6 29.1	20.3
263094 2007 TF ₁₂₈	17.0	X	142.82406	24.45367	54.18875	4.86412	0.0759994	0.27321495	2.3521576	20	4 29.3	20.2
263095 2007 TR ₁₃₆	16.5	X	178.83294	248.20313	215.71627	23.59090	0.2485808	0.28504000	2.2866455	20	7 7.7	21.0
263096 2007 TO ₁₆₁	13.3	X	22.66364	84.66460	279.92943	5.48404	0.1359198	0.08125471	5.2792274	20	11 12.5	19.8
263097 2007 TF ₂₁₃	16.7	X	56.92196	173.55249	7.31123	6.86282	0.0507395	0.27687417	2.3313873	20	5 18.5	19.5
263098 2007 TL ₂₁₅	17.4	X	33.28433	99.84497	232.56998	8.44787	0.0443711	0.30634131	2.1793769	20	11 28.7	19.7
263099 2007 TO ₂₁₇	17.6	X	308.85741	21.32387	286.22225	1.80793	0.1639191	0.28484109	2.2877099	20	5 14.8	19.8
263100 2007 TX ₂₂₉	16.5	X	335.75487	308.95200	216.30967	14.22695	0.1073384	0.25428629	2.4674825	20	—	—
263101 2007 TO ₂₅₄	17.0	X	137.11793	272.84176	184.93925	6.96527	0.0584337	0.27603180	2.3361280	20	5 17.7	20.1
263102 2007 TZ ₂₆₈	17.1	X	64.63173	1.18483	140.32087	1.62343	0.1240851	0.27036093	2.3686820	20	4 17.0	19.6
263103 2007 TD ₂₉₉	16.7	X	139.31836	221.31509	212.58848	6.10872	0.0982054	0.27288702	2.3540416	20	4 20.1	20.0
263104 2007 TT ₂₉₉	17.7	X	229.61779	213.92843	221.85244	2.54033	0.1304780	0.29154396	2.2525098	20	8 2.3	20.6
263105 2007 TV ₃₃₂	17.5	X	193.93000	223.48506	234.08692	4.05568	0.1383418	0.28616699	2.2806380	20	7 21.4	20.8
263106 2007 TY ₃₃₈	18.0	X	212.92721	318.77236	156.00689	5.55727	0.0711339	0.29964957	2.2117037	20	9 16.4	20.7
263107 2007 TO ₃₆₆	17.0	X	276.59494	39.74343	259.71298	5.20740	0.1577564	0.27695591	2.3309285	20	3 17.0	20.3
263108 2007 TS ₃₇₇	17.2	X	320.89614	234.73153	41.48653	3.45300	0.0574494	0.27694626	2.3309827	20	5 5.2	19.7
263109 2007 TP ₃₈₀	17.5	X	50.60359	212.17299	56.42763	2.74611	0.0895766	0.29884652	2.2156641	20	9 29.8	19.9
263110 2007 TV ₃₈₁	16.7	X	246.93453	54.35008	177.21671	2.79761	0.1337072	0.25331227	2.4738037	20	—	—
263111 2007 TJ ₃₈₃	16.9	X	293.22335	336.82052	224.41570	5.65476	0.1017347	0.25287047	2.4766842	20	—	—
263112 2007 TB ₃₈₅	17.8	X	315.62456	274.03596	162.16512	3.59967	0.2002150	0.29192243	2.2505624	20	7 10.7	19.3
263113 2007 TX ₃₉₂	17.0	X	21.96478	111.65794	267.29358	6.34476	0.0999390	0.30588931				

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
263121 2007 UU ₁₀₇	17.4	X	305.49541	211.29432	0.76330	2.29662	0.0358246	0.26315985	2.4116982	20	1 20.1	20.5
263122 2007 VC ₆	13.4	X	270.23093	226.91652	216.47351	5.45481	0.0446124	0.08379929	5.1718092	20	9 19.3	20.2
263123 2007 VZ ₄₃	18.2	X	293.21930	75.50216	321.73591	4.26289	0.1048413	0.29752542	2.2222180	20	9 16.9	20.4
263124 2007 VP ₄₄	17.1	X	267.43639	315.92669	308.29667	5.14282	0.1009573	0.26378017	2.4079157	20	1 31.7	20.6
263125 2007 VB ₅₆	17.1	X	21.04847	334.02740	116.43691	3.78270	0.0896838	0.24693884	2.5161882	20	—	—
263126 2007 VX ₆₃	17.2	X	199.06149	31.29782	27.26502	2.52159	0.2028402	0.27828909	2.3234782	20	6 1.9	20.8
263127 2007 VG ₈₃	16.8	X	204.97313	146.79355	74.43987	4.47412	0.1333790	0.23980908	2.5658167	20	—	—
263128 2007 VB ₈₄	16.0	X	333.49944	354.26632	145.39457	6.27160	0.1896084	0.24078322	2.5588917	20	—	—
263129 2007 VJ ₈₄	16.9	X	145.25144	256.54775	152.29497	7.12088	0.1026535	0.26747231	2.3857055	20	3 27.3	20.2
263130 2007 VB ₈₉	16.3	X	160.75360	218.38330	255.27757	22.99958	0.2069834	0.27830886	2.3233681	20	7 5.9	20.4
263131 2007 VH ₉₀	17.8	X	217.36664	244.19670	170.46789	2.79531	0.0728183	0.28348727	2.2949876	20	6 24.9	20.8
263132 2007 VS ₉₀	17.3	X	284.96883	250.94046	91.39315	5.83102	0.2151658	0.28699034	2.2762740	20	5 21.5	19.9
263133 2007 VY ₉₀	17.5	X	292.78216	15.41737	29.93723	7.79894	0.1177640	0.29842404	2.2177547	20	10 1.8	19.3
263134 2007 VF ₉₇	17.2	X	73.95010	224.53747	288.15845	4.47645	0.0705376	0.27168680	2.3609694	20	5 7.2	20.0
263135 2007 VH ₁₂₁	16.6	X	66.18446	331.16501	258.50188	9.12802	0.1552987	0.28824077	2.2696860	20	8 28.5	19.7
263136 2007 VH ₁₂₅	17.2	X	227.57890	255.75332	155.32227	6.98643	0.1263510	0.28454445	2.2892996	20	6 26.8	20.5
263137 2007 VD ₁₄₅	17.5	X	81.23590	51.90300	201.70593	4.89520	0.1093694	0.29585053	2.2305972	20	10 19.9	20.2
263138 2007 VF ₁₅₃	17.5	X	271.58466	203.35350	234.43570	5.71735	0.1236925	0.29798782	2.2199186	20	10 7.9	19.9
263139 2007 VJ ₁₇₀	18.0	X	282.14117	164.05566	247.53502	2.62783	0.1334654	0.29414519	2.2392103	20	9 14.0	20.1
263140 2007 VS ₁₈₃	17.3	X	269.05399	37.74891	97.17869	3.86848	0.0699191	0.29972062	2.2113542	20	—	—
263141 2007 VO ₁₉₁	17.4	X	208.95972	27.84205	73.66623	3.61178	0.1213957	0.28236666	2.3010555	20	8 16.4	20.6
263142 2007 VF ₁₉₇	16.4	X	79.94359	338.23327	78.35898	9.54719	0.0435701	0.24469286	2.5315617	20	1 5.6	19.5
263143 2007 VO ₁₉₈	17.3	X	182.14554	352.76715	86.75582	3.69063	0.1716644	0.27226452	2.3576284	20	6 14.9	21.0
263144 2007 VZ ₂₀₁	17.0	X	48.03515	335.20784	193.17045	6.84722	0.0569640	0.26949405	2.3737588	20	4 20.0	19.7
263145 2007 VA ₂₀₄	16.9	X	260.49293	279.69681	96.47673	5.24134	0.1299634	0.28612694	2.2808508	20	6 18.6	19.8
263146 2007 VE ₂₀₇	17.3	X	321.66631	173.74028	40.25412	5.12242	0.1368944	0.26333472	2.4106304	20	1 30.3	20.3
263147 2007 VZ ₂₁₆	17.6	X	179.18094	58.33948	0.03368	1.16704	0.1164532	0.27449375	2.3448465	20	5 14.5	20.9
263148 2007 VV ₂₁₉	17.5	X	125.03869	62.19515	55.35945	2.06426	0.1307929	0.27133459	2.3630121	20	6 5.4	20.8
263149 2007 VE ₂₃₂	18.2	X	141.89075	59.19802	236.21993	0.83141	0.0501392	0.31910502	2.1208679	20	—	—
263150 2007 VN ₂₃₉	17.1	X	251.00438	341.19089	71.63599	5.00911	0.1593456	0.28898116	2.2658076	20	7 25.8	19.9
263151 2007 VJ ₂₄₅	16.9	X	279.94850	321.79727	72.75858	6.22777	0.0822585	0.29222313	2.2490183	20	8 27.8	19.4
263152 2007 VZ ₂₅₃	15.4	X	106.64551	218.14486	282.20392	23.15375	0.3094563	0.26509491	2.3999478	20	7 4.2	19.2
263153 2007 VV ₂₅₄	16.5	X	95.77927	322.40927	117.91853	7.46355	0.1027728	0.25907015	2.4370128	20	3 8.7	19.5
263154 2007 VD ₂₆₀	17.0	X	174.05724	247.66384	189.69699	8.49438	0.1580304	0.27780495	2.3261769	20	6 5.2	20.7
263155 2007 VG ₂₇₃	17.8	X	301.31453	313.05243	96.82608	3.15420	0.0629195	0.30092900	2.2054304	20	10 29.2	19.8
263156 2007 VV ₂₇₅	19.0	X	319.21422	140.28429	222.10545	2.00747	0.1455082	0.29527891	2.2334750	20	9 9.7	20.5
263157 2007 VL ₂₈₀	17.1	X	135.16069	333.08510	237.81744	5.54404	0.0943406	0.29823430	2.2186952	20	10 21.5	20.1
263158 2007 VF ₂₈₆	16.4	X	205.28849	311.90430	273.67840	6.34796	0.1566416	0.23336799	2.6128142	20	—	—
263159 2007 VZ ₃₀₀	16.4	X	264.45845	41.13396	84.52970	9.38295	0.1308675	0.22794903	2.6540609	20	11 19.4	19.6
263160 2007 VD ₃₀₃	17.3	X	113.03022	60.24519	90.15047	25.06819	0.0707771	0.35853278	1.9623816	20	7 2.5	19.3
263161 2007 VQ ₃₀₅	17.8	X	148.43365	137.80220	348.21994	2.24266	0.1169138	0.27445399	2.3450729	20	7 12.7	21.1
263162 2007 VS ₃₀₆	17.1	X	311.36462	120.92305	51.51061	1.23480	0.0880592	0.24591870	2.5231419	20	—	—
263163 2007 VQ ₃₀₉	16.7	X	35.51752	66.96316	30.19692	2.39975	0.0637105	0.24496604	2.5296793	20	—	—
263164 2007 VV ₃₀₉	16.2	X	70.85242	194.99248	87.75707	5.21813	0.0721578	0.21213401	2.7843843	20	10 28.2	20.1
263165 2007 VN ₃₁₁	17.1	X	54.05591	199.34382	51.72797	5.12185	0.1181124	0.28002014	2.3138926	20	9 12.6	19.8
263166 2007 VP ₃₁₁	16.7	X	256.26645	102.16093	335.96325	3.69684	0.0386571	0.21033351	2.8002517	20	9 14.6	20.5
263167 2007 VV ₃₁₃	16.0	X	97.62056	91.75814	108.69334	5.88355	0.0245020	0.19742862	2.9209849	20	8 7.1	20.1
263168 2007 VV ₃₁₃	17.8	X	194.72150	42.65364	121.49387	3.21735	0.1016677	0.28985012	2.2612768	20	10 27.4	20.9
263169 2007 WW ₂₀	16.1	X	190.14290	104.97752	114.45534	10.30250	0.0732948	0.21943951	2.7222384	20	12 19.8	20.0
263170 2007 WX ₂₀	15.8	X	115.09345	11.74482	115.73900	10.12467	0.1257895	0.18351194	3.0668545	20	6 7.6	20.5
263171 2007 WY ₂₀	17.1	X	218.96713	36.58630	107.12013	5.57358	0.0425684	0.28981278	2.2614710	20	11 8.5	19.8
263172 2007 WW ₅₂	17.3	X	150.42311	179.96303	283.23192	9.01217	0.1679290	0.26704430	2.3882540	20	6 15.8	21.0
263173 2007 WA ₅₄	17.3	X	30.43417	99.59819	109.42220	2.28626	0.1469338	0.27252297	2.3561375	20	5 31.0	19.2
263174 2007 XA	16.7	X	226.17389	277.99084	107.53277	5.48896	0.1940751	0.27926092	2.3180845	20	5 17.1	20.3
263175 2007 XO ₄	16.5	X	71.16507	157.44381	241.42631	3.61189	0.0429546	0.24534438	2.5270779	20	—	—
263176 2007 XO ₁₆	17.5	X	231.35564	170.66792	287.85694	2.31448	0.1168422	0.28918000	2.2647688	20	9 7.5	20.5
263177 2007 XW ₂₅	17.0	X	154.41822	42.80842	96.28548	8.34006	0.1379995	0.27764112	2.3270918	20	8 7.8	20.6
263178 2007 XE ₃₀	17.9	X	231.93892	273.23635	133.11474	2.41406	0.2034403	0.28371138	2.2937789	20	6 17.4	21.4
263179 2007 XP ₃₃	17.7	X	294.60051	20.99155	45.43209	3.85921	0.1163616	0.29972095	2.2113525	20	11 6.4	19.6
263180 2007 XG ₃₈	16.9	X	74.08423	184.89794	328.22973	4.22855	0.1224611	0.26653165	2.3913154	20	5 16.9	19.8
263181 2007 XV ₅₁	16.7	X	235.71573	114.12056	348.44022	3.07066	0.0533337	0.21041536	2.7995254	20	9 18.1	20.3
263182 2007 XB ₅₂	16.4	X	129.30299	218.07295	78.34221	13.04932	0.1931473	0.22872413	2.6480614	20	—	—
263183 2007 XK ₅₄	17.1	X	115.45973	225.84987	328.18445	6.14087	0.0750498	0.28212874	2.3023490	20	9 2.8	20.1
263184 2007 YM ₂	16.5	X	267.64972	339.63906	213.32733	7.63444	0.1044520	0.23860034	2.5744750	20	—	—
263185 2007 YO ₁₂	16.9	X	291.62855	217.61219	57.10035	8.05828	0.1995752	0.25777956	2.4451400	20	3 5.7	20.3
263186 2007 YK ₁₄	17.0	X	84.08163	199.15192	10.43235	4.36161	0.1255267	0.27567667	2.3381339	20	8 24.3	20.0
263187 2007 YH ₂₃	17.3	X	176.40775	203.32091	323.14996	1.45526	0.1482799	0.27917293	2.3185716	20	10 2.7	20.7
263188 2007 YP ₃₂	16.8	X	32.62501	122.80855	87.17543	7.21346	0.0704999	0.27186578	2.3599331	20	5 28.2	19.3
263189 2007 YW ₃₈	17.4	X	39.71776	250.14960	75.58928	5.44606	0.2162640	0.29935539	2.2131524	20	12 20.7	20.3
263190 2007 YT ₄₁	16.0	X	15.60504	277.88578	300.72579	9.52735	0.1891204	0.17996874	3.1069767	20	5 17.0	19.5
263191 2007 YT ₄₂	17.3	X	116.28611	205.89703	326.14517	1.74071	0.1452446	0.27349821	2.3505332	20	8 10.7	20.5
263192 2007 YM ₄₃	16.8	X	349.20629	314.76643	101.41312	4.98637	0.0985644	0.30408537	2.1901425	20	—	—
263193 2007 YE ₄₆	15.6	X	19.90228	84.22315	126.67245	14.57855	0.0818697	0.18056869	3.1000908	20	5 15.8	19.8
263194 200												

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
263201 2008 AU ₁	16.8	X	54.49303	199.36043	296.82918	2.62124	0.1579963	0.25440833	2.4666934	20	3 26.4	19.2
263202 2008 AN ₃	16.0	X	88.40094	4.07994	178.13596	1.76448	0.1871050	0.19019602	2.9945744	20	7 23.2	20.4
263203 2008 AP ₃	15.5	X	63.97568	126.57579	299.55485	21.89988	0.1051423	0.24029714	2.5623413	20	1 4.2	18.4
263204 2008 AJ ₆	17.1	X	162.80828	125.78685	98.08464	6.97833	0.1485106	0.30433233	2.1889575	20	12 7.3	20.1
263205 2008 AQ ₁₄	16.3	X	356.31407	67.13602	165.47681	2.47726	0.0251362	0.18160829	3.0882487	20	5 4.6	20.4
263206 2008 AS ₁₉	15.7	X	300.03124	230.33689	32.16390	2.30374	0.0789309	0.17316181	3.1878751	20	3 22.7	19.9
263207 2008 AJ ₂₄	17.8	X	189.24981	114.17610	58.13714	2.16704	0.0890301	0.28836447	2.2690368	20	10 31.7	20.7
263208 2008 AV ₂₄	18.0	X	274.40530	336.59966	92.19972	3.61612	0.1307217	0.28831996	2.2692704	20	9 30.2	20.2
263209 2008 AH ₂₅	17.1	X	45.03611	146.71361	83.57479	3.24354	0.1696197	0.26586187	2.3953300	20	8 4.3	19.6
263210 2008 AN ₂₆	16.6	X	270.38175	340.81970	160.72294	4.78743	0.0803444	0.22316938	2.6918219	20	12 22.7	20.0
263211 2008 AP ₂₆	15.7	X	174.99994	194.84208	293.59734	8.83932	0.0350040	0.20090508	2.8871905	20	8 7.7	20.0
263212 2008 AU ₂₇	17.5	X	131.03878	82.22546	50.68591	1.94557	0.1260210	0.26483890	2.4014941	20	7 2.8	20.9
263213 2008 AX ₂₇	17.1	X	206.74591	10.89006	59.89471	2.27815	0.1540531	0.27021626	2.3695273	20	6 28.1	20.7
263214 2008 AP ₃₀	17.1	X	82.53079	171.97545	333.55972	5.71383	0.0451875	0.26326031	2.4110846	20	5 4.8	20.1
263215 2008 AE ₃₂	17.0	X	52.13459	121.61173	298.92094	5.92282	0.1054196	0.23989365	2.5652137	20	—	—
263216 2008 AC ₃₄	16.2	X	189.55490	73.16436	117.48397	13.29372	0.0729002	0.21559041	2.7545443	20	11 17.0	20.4
263217 2008 AU ₃₆	16.5	X	150.45732	306.12072	313.36668	4.10659	0.1204307	0.22035465	2.7146962	20	12 24.0	20.8
263218 2008 AT ₃₆	17.6	X	155.10450	271.85659	236.89356	4.21059	0.1450125	0.27772297	2.3266346	20	8 17.7	21.3
263219 2008 AL ₃₇	15.7	X	213.08138	277.44128	124.34534	11.74465	0.0109888	0.18762172	3.0219038	20	6 7.7	20.1
263220 2008 AV ₄₀	17.3	X	106.45542	146.78020	339.41188	5.18308	0.0640369	0.26143774	2.4222773	20	5 14.7	20.5
263221 2008 AJ ₄₄	16.6	X	188.65684	334.36909	124.42385	7.33536	0.0665126	0.27338357	2.3511903	20	7 21.2	19.6
263222 2008 AA ₄₅	16.3	X	328.30657	302.52027	135.44406	15.95502	0.1113344	0.22259847	2.6964224	20	12 29.6	19.5
263223 2008 AF ₄₅	16.7	X	221.02366	101.46544	74.98298	4.03882	0.1115731	0.21792471	2.7348388	20	11 26.7	20.7
263224 2008 AQ ₄₅	16.9	X	203.50614	138.75028	51.61101	4.28390	0.0374043	0.22590481	2.6700480	20	12 4.0	20.6
263225 2008 AX ₅₁	16.5	X	341.28280	258.48177	102.28891	3.33240	0.0713507	0.21127989	2.7918834	20	10 4.5	19.9
263226 2008 AZ ₅₂	18.0	X	222.77245	77.54452	281.93093	1.52202	0.1935704	0.26687103	2.3892876	20	4 8.5	21.9
263227 2008 AK ₅₈	17.7	X	255.75021	104.19513	126.97716	2.99267	0.1845273	0.27429464	2.3459810	20	5 19.9	21.1
263228 2008 AN ₆₀	16.1	X	107.00407	182.50525	260.12326	12.07530	0.0723282	0.22392006	2.6858024	20	—	—
263229 2008 AP ₆₂	15.8	X	84.54148	236.83390	270.29060	5.12153	0.0977071	0.18301612	3.0723910	20	5 21.6	20.0
263230 2008 AJ ₆₅	17.5	X	154.66959	209.40651	347.64160	1.53937	0.1559194	0.28530067	2.2852525	20	10 21.4	20.9
263231 2008 AA ₆₇	16.3	X	247.37052	288.03232	323.33979	7.92058	0.0937595	0.23838952	2.5759926	20	—	—
263232 2008 AF ₆₉	16.0	X	296.42303	316.26455	130.53695	16.32448	0.0351337	0.21527345	2.7572744	20	11 25.8	19.9
263233 2008 AJ ₆₉	17.7	X	249.77803	343.93997	114.84230	3.67520	0.0605978	0.28788041	2.2715797	20	10 16.3	20.3
263234 2008 AP ₆₉	17.2	X	235.36909	347.05193	124.60906	5.68627	0.0693176	0.28705868	2.2759127	20	10 13.2	19.9
263235 2008 AQ ₆₉	17.3	X	231.50014	98.61208	120.65181	5.65149	0.0547737	0.30772744	2.1728274	20	—	—
263236 2008 AG ₇₇	16.0	X	22.55563	263.09488	334.65114	7.27009	0.0685690	0.18782850	3.0196856	20	6 18.7	20.0
263237 2008 AT ₇₇	16.8	X	56.99827	358.98669	5.21996	1.77653	0.1027897	0.22796841	2.6539105	20	—	—
263238 2008 AZ ₇₉	17.5	X	122.30369	275.44802	281.45740	1.59554	0.1046471	0.27842068	2.3272460	20	9 16.4	20.9
263239 2008 AY ₈₃	16.3	X	349.13377	225.43912	53.46116	4.24813	0.0364376	0.19288136	2.9667153	20	6 23.3	20.1
263240 2008 AA ₁₀₁	17.4	X	169.93411	264.67836	166.10353	7.48372	0.0700392	0.26485164	2.4014171	20	5 22.3	20.8
263241 2008 AT ₁₀₂	16.1	X	252.23206	142.62039	135.86684	11.93083	0.0787408	0.23099605	2.6306699	20	2 8.3	19.9
263242 2008 AA ₁₀₆	17.4	X	357.76613	104.80151	317.29449	5.17382	0.1199921	0.30948227	2.1640660	20	—	—
263243 2008 AP ₁₀₇	16.0	X	72.69052	24.37907	134.98333	5.96484	0.0772510	0.18317718	3.0705898	20	5 21.0	20.2
263244 2008 AE ₁₀₈	17.3	X	155.05418	231.22323	294.31814	4.59759	0.1353749	0.28132236	2.3067466	20	9 9.1	20.7
263245 2008 AW ₁₁₁	17.1	X	251.67374	120.08766	343.96556	5.50278	0.1029666	0.28954613	2.2628592	20	10 15.8	19.7
263246 2008 AV ₁₁₃	17.1	X	214.84848	86.05278	58.39523	9.15527	0.1440624	0.28956466	2.2627627	20	10 20.9	20.1
263247 2008 AK ₁₁₄	17.0	X	29.89501	110.38783	330.03048	4.90077	0.1346210	0.23546469	2.5972805	20	—	—
263248 2008 AN ₁₁₅	16.6	X	77.77716	234.42260	137.63882	9.89753	0.1209296	0.22979927	2.6397955	20	—	—
263249 2008 AW ₁₁₅	15.4	X	357.10713	86.78930	153.69053	25.08698	0.1929944	0.17480041	3.1678127	20	5 18.6	19.4
263250 2008 AO ₁₁₆	16.5	X	336.06636	230.47853	144.14207	5.04772	0.0869736	0.21184346	2.7869297	20	10 15.6	19.8
263251 Pandabear	17.3	X	347.44621	240.86979	110.34347	6.66518	0.1361721	0.28986823	2.2611826	20	10 26.7	19.4
263252 2008 BL ₂	16.3	X	352.42701	317.55228	147.96367	12.38419	0.1782061	0.23246707	2.6195604	20	—	—
263253 2008 BE ₁₀	17.3	X	172.69653	110.45442	65.11532	4.26280	0.0877649	0.28514467	2.2860859	20	10 17.5	20.5
263254 2008 BK ₁₃	16.6	X	24.57131	74.61717	1.95757	10.50271	0.1204992	0.23572134	2.5953949	20	—	—
263255 Jultayu	16.4	X	229.45794	256.68138	318.88505	4.85629	0.0583242	0.23012151	2.6373306	20	—	—
263256 2008 BB ₁₅	17.0	X	86.17828	109.30136	131.89187	7.53651	0.0792124	0.28351163	2.2948561	20	10 6.7	20.1
263257 2008 BV ₁₅	17.2	X	95.51189	318.00952	162.22926	1.03484	0.1343598	0.25952300	2.4341770	20	5 4.8	20.2
263258 2008 BF ₁₆	16.3	X	272.74832	318.63005	132.74728	13.44115	0.0690598	0.21248564	2.7813117	20	10 26.5	20.2
263259 2008 BH ₁₇	16.5	X	60.95656	275.30804	122.84228	13.87699	0.1793049	0.23831576	2.5765241	20	—	—
263260 2008 BX ₁₇	17.8	X	122.43075	157.53148	340.96961	1.72906	0.1169834	0.26838870	2.3802719	20	6 29.9	21.2
263261 2008 BG ₁₉	16.1	X	209.13258	319.12544	134.65234	11.62255	0.0863853	0.24087442	2.5582458	20	—	—
263262 2008 BJ ₁₉	15.9	X	21.53756	246.49705	122.49041	7.27663	0.0315758	0.22196542	2.7015468	20	12 9.1	19.5
263263 2008 BW ₂₀	17.3	X	144.05403	329.83270	145.82178	3.16240	0.0652065	0.26557739	2.3970402	20	6 19.7	20.7
263264 2008 BM ₂₂	15.3	X	30.20168	53.24644	155.16878	11.88532	0.0710807	0.17810563	3.1286066	20	5 25.1	19.6
263265 2008 BP ₂₂	16.5	X	314.02516	296.73311	324.35088	5.88382	0.1057473	0.25166391	2.4845939	20	3 25.6	19.5
263266 2008 BM ₂₃	16.6	X	216.17554	98.71951	146.67661	11.33268	0.0770727	0.22613152	2.6682631	20	—	—
263267 2008 BH ₂₄	16.1	X	92.00290	8.14951	143.35682	1.17934	0.1516748	0.18280343	3.0747737	20	6 13.8	20.5
263268 2008 BW ₂₄	17.0	X	68.88530	97.18036	132.49553	6.05009	0.1175034	0.27366624	2.3495710	20	8 31.0	19.8
263269 2008 BK ₂₅	16.2	X	40.11320	127.03643	128.50683	10.67157	0.0455111	0.19700276	2.9251929	20	8 5.5	20.1
263270 2008 BP ₂₅	17.6	X	201.57470	243.28944	338.83580	3.08779	0.1664842	0.26598300	2.3946027	20	4 21.1	21.3
263271 2008 BT ₂₅	17.3	X	232.56656	115.33451	351.86725	3.87749	0.1104967	0.28731629	2.2745521	20	9 22.9	20.0
263272 2008 BV ₂₅	16.6	X	303.67939	138.99108	325.14105	12.15929	0.1420167	0.22343215	2.6897109	20	12 22.6	19.7
263273 2008 BW ₂₉	17.4	X	212.10496	13.67951	148.30100	5.19742	0.0805930	0.29281744	2.2459742	20	11 18.8	20.1
263274 2008 BL ₃₀	17.5	X	145.57544									

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
263281 2008 BJ ₃₄	17.7	X	221.20650	301.71424	173.14542	2.88071	0.0984355	0.28240600	2.3008418	20	9 20.3	20.5
263282 2008 BU ₃₅	15.9	X	160.98949	263.12579	355.88399	7.17320	0.1860506	0.21305428	2.7763606	20	12 29.6	20.6
263283 2008 BH ₃₆	18.1	X	195.66518	119.74493	329.26369	2.56235	0.1612452	0.27215137	2.3582818	20	7 11.2	21.6
263284 2008 BP ₃₇	17.5	X	185.85872	95.29221	58.08748	5.03908	0.0618206	0.28545214	2.2844440	20	10 6.0	20.5
263285 2008 BL ₃₈	17.5	X	325.06168	264.97940	186.71467	2.18442	0.0444016	0.22006775	2.7170551	20	—	—
263286 2008 BD ₃₉	17.4	X	215.90914	131.46989	12.89038	4.14501	0.1206095	0.29036141	2.2586215	20	10 21.8	20.2
263287 2008 BN ₄₂	16.8	X	215.49259	65.19399	54.06238	6.03303	0.1058044	0.28406825	2.2918574	20	9 21.6	19.8
263288 2008 BZ ₄₆	16.6	X	29.04588	177.48421	155.83597	6.30783	0.0397695	0.20834616	2.8180307	20	11 2.9	20.4
263289 2008 BP ₄₇	16.2	X	39.72581	116.76248	172.13472	9.13210	0.0933898	0.19117605	2.9843315	20	9 24.1	20.1
263290 2008 BT ₅₀	16.3	X	286.47879	225.66871	128.73873	5.85575	0.0749998	0.19387789	2.9565407	20	6 30.0	20.2
263291 2008 CW ₃	16.3	X	345.45040	358.46476	93.02617	5.06003	0.0469601	0.22825585	2.6516820	20	—	—
263292 2008 CJ ₄	16.9	X	233.07662	337.37105	145.62794	8.32987	0.0797137	0.28868786	2.2673420	20	10 25.2	19.7
263293 2008 CR ₄	15.5	X	284.40109	193.28861	145.16773	10.08338	0.0813020	0.18048819	3.1010125	20	6 6.7	19.9
263294 2008 CQ ₅	17.0	X	186.71990	13.14420	86.81154	7.89808	0.1341614	0.27552476	2.3389932	20	7 18.4	20.5
263295 2008 CK ₁₀	17.9	X	90.98691	98.55178	54.15771	1.92681	0.1312956	0.25988151	2.4319378	20	6 12.3	20.9
263296 2008 CM ₁₁	15.8	X	182.67097	108.09682	120.33880	8.43579	0.0507449	0.21751358	2.7382838	20	12 23.8	19.8
263297 2008 CU ₁₁	17.2	X	150.59149	12.31756	104.36120	3.07847	0.1557278	0.26880146	2.3778345	20	7 3.2	20.7
263298 2008 CZ ₁₁	16.3	X	9.76824	306.76928	358.70362	5.73185	0.0630201	0.19669021	2.9282909	20	8 31.2	19.9
263299 2008 CV ₁₇	16.2	X	206.20651	66.13520	265.52957	0.93963	0.1514458	0.24434301	2.5339776	20	2 22.3	20.1
263300 2008 CX ₁₇	16.8	X	229.71440	206.07210	135.58412	1.85255	0.1200679	0.21255516	2.7807052	20	11 15.5	20.8
263301 2008 CZ ₁₇	17.2	X	23.83489	329.46610	165.12013	1.60001	0.0209041	0.24084460	2.5584569	20	1 29.1	20.5
263302 2008 CO ₁₈	16.2	X	232.12954	46.91612	355.34565	9.62781	0.0673340	0.18654626	3.0335071	20	6 24.5	20.8
263303 2008 CS ₁₈	16.1	X	61.59911	160.14897	102.75833	3.08544	0.0698578	0.19479249	2.9472790	20	9 17.9	20.2
263304 2008 CG ₂₀	15.3	X	5.49336	101.30472	133.24314	9.00559	0.0057294	0.17874853	3.1211003	20	5 21.3	19.8
263305 2008 CQ ₂₃	17.3	X	141.08635	340.94300	161.33713	1.43322	0.1248194	0.27070094	2.3666982	20	7 26.2	20.8
263306 2008 CH ₂₅	17.1	X	48.82715	131.11404	347.38773	6.38347	0.0650753	0.24400587	2.5363112	20	2 15.2	20.0
263307 2008 CN ₂₅	17.5	X	56.18706	24.95859	186.16489	1.98976	0.1417621	0.26208200	2.4183060	20	7 17.9	20.3
263308 2008 CQ ₂₅	17.0	X	115.18817	275.75047	276.06341	1.34700	0.1506394	0.27168947	2.3609539	20	9 4.4	20.5
263309 2008 CV ₂₇	17.3	X	147.11504	158.83049	340.13016	7.65657	0.1084174	0.27269471	2.3551482	20	7 29.9	20.8
263310 2008 CL ₃₀	17.4	X	63.49673	106.92962	108.63854	3.40661	0.1743489	0.26703377	2.3883167	20	8 11.4	20.2
263311 2008 CX ₃₁	17.1	X	7.38418	350.88097	130.27830	3.31022	0.0189133	0.23641032	2.5903499	20	—	—
263312 2008 CR ₃₄	16.8	X	272.10180	54.56293	136.51116	5.16794	0.1482258	0.22823930	2.6518102	20	—	—
263313 2008 CD ₃₆	16.7	X	87.11062	56.14893	235.79673	2.81050	0.0719766	0.20989898	2.8041150	20	11 25.1	20.8
263314 2008 CG ₃₈	17.6	X	25.20459	142.55124	329.21424	4.22699	0.1864727	0.24119386	2.5559865	20	—	—
263315 2008 CQ ₃₉	17.5	X	146.09132	303.26845	149.22665	5.53359	0.1026450	0.26362855	2.4088389	20	5 25.3	21.0
263316 2008 CZ ₃₉	17.7	X	18.44239	20.65988	187.40440	1.10516	0.1298663	0.25615390	2.4554743	20	5 3.4	19.8
263317 2008 CB ₄₂	15.5	X	316.47272	11.47562	286.56398	5.77885	0.1092289	0.18027732	3.1034302	20	5 23.8	19.5
263318 2008 CE ₄₃	16.2	X	183.51540	195.13773	143.93541	13.61100	0.1586106	0.24040865	2.5615489	20	2 11.7	20.1
263319 2008 CT ₄₃	16.4	X	107.59901	105.09026	75.20262	4.16850	0.0405161	0.18783359	3.0196310	20	7 25.8	20.7
263320 2008 CV ₄₄	16.1	X	181.80519	192.32195	358.70593	8.98767	0.0650499	0.20696369	2.8305659	20	10 31.6	20.3
263321 2008 CJ ₄₅	15.5	X	247.52865	133.19693	158.39986	11.99768	0.1818903	0.24570340	2.5246156	20	2 9.0	19.7
263322 2008 CV ₄₇	15.2	X	26.49501	267.73859	338.33452	24.07602	0.2767979	0.17993349	3.1073825	20	8 9.3	18.8
263323 2008 CN ₄₉	17.0	X	126.33392	229.40209	115.92983	4.26322	0.1065888	0.23526167	2.5987745	20	—	—
263324 2008 CQ ₅₀	16.3	X	357.15770	156.25865	102.64768	7.63563	0.0954323	0.26238729	2.4164298	20	6 9.7	18.8
263325 2008 CD ₅₁	15.6	X	129.35038	134.32675	124.17938	13.06562	0.0164112	0.22019467	2.7160110	20	12 3.4	19.6
263326 2008 CT ₅₁	16.4	X	155.27162	98.15090	115.05547	5.39262	0.0162121	0.21579194	2.7528290	20	11 6.5	20.3
263327 2008 CX ₅₅	16.8	X	274.18148	238.60761	15.07763	5.70294	0.1052754	0.24109195	2.5567067	20	1 30.6	20.5
263328 2008 CU ₆₁	17.1	X	61.17898	77.73168	152.27389	7.06391	0.0448320	0.26853276	2.3794205	20	8 6.0	20.0
263329 2008 CZ ₆₅	17.0	X	83.09866	256.61753	117.81028	4.55948	0.1110514	0.23138912	2.6276898	20	—	—
263330 2008 CZ ₆₇	16.7	X	307.73490	44.59815	23.19934	6.20368	0.0328484	0.20943043	2.8082958	20	11 9.7	20.3
263331 2008 CY ₇₁	16.9	X	284.99755	265.16017	157.06393	10.78720	0.1236689	0.29144996	2.2529941	20	10 12.5	19.1
263332 2008 CS ₇₃	15.2	X	29.18713	55.96540	137.64303	10.88802	0.1606201	0.17563073	3.1579291	20	5 12.9	19.1
263333 2008 CA ₇₄	15.3	X	68.39029	24.53905	149.20087	18.19420	0.0583875	0.17882650	3.1201930	20	6 2.3	19.9
263334 2008 CJ ₇₇	16.8	X	117.87584	110.16509	106.00754	6.91339	0.0399352	0.28159977	3.0253133	20	10 8.7	19.9
263335 2008 CW ₇₇	16.0	X	0.31575	67.52000	161.73232	9.55105	0.0447113	0.17520383	3.1630567	20	5 7.7	20.3
263336 2008 CC ₈₃	17.1	X	160.88759	30.95229	14.68504	3.41833	0.1903960	0.25763152	2.4460766	20	4 13.1	20.9
263337 2008 CG ₈₅	17.8	X	226.00611	159.03251	304.41803	3.06462	0.1499507	0.28239892	2.3008803	20	9 2.2	20.9
263338 2008 CG ₈₆	17.4	X	171.75403	56.43587	74.25210	3.20290	0.1512527	0.27476693	2.3432920	20	8 13.3	20.9
263339 2008 CK ₈₆	17.0	X	112.71767	110.67350	68.05289	3.09108	0.1228667	0.26957739	2.3732696	20	8 14.7	20.3
263340 2008 CA ₈₈	17.8	X	129.00549	152.76102	111.02648	5.85857	0.1462522	0.28958550	2.2626541	20	12 21.9	21.2
263341 2008 CH ₈₉	15.8	X	327.48695	308.53005	343.84669	8.77746	0.0827957	0.18099440	3.0952279	20	6 4.7	19.9
263342 2008 CQ ₉₁	15.7	X	176.03214	297.47842	153.24226	10.31802	0.0275542	0.18614349	3.0378814	20	6 22.5	20.2
263343 2008 CW ₉₇	16.5	X	159.52462	101.47149	134.00305	6.66570	0.0181173	0.21452608	2.7636475	20	12 7.9	20.4
263344 2008 CM ₉₉	17.5	X	128.14893	130.86660	329.21401	4.42129	0.1504843	0.26099531	2.4250140	20	5 16.9	21.1
263345 2008 CP ₁₀₈	17.1	X	241.18723	268.64194	265.38786	4.11281	0.1174327	0.29792390	2.2202360	20	—	—
263346 2008 CW ₁₀₉	17.3	X	259.93584	194.08658	294.89494	4.10433	0.0623475	0.29206223	2.2498442	20	12 12.7	19.7
263347 2008 CS ₁₁₀	16.0	X	17.35245	256.34816	104.23375	7.22706	0.0681314	0.21357422	2.7718528	20	11 26.2	19.7
263348 2008 CR ₁₁₅	16.2	X	44.30345	266.62657	84.49773	7.20478	0.0597622	0.21606474	2.7505114	20	12 17.3	19.7
263349 2008 CN ₁₁₇	17.0	X	127.79932	188.72227	341.61713	1.98895	0.1250183	0.27266607	2.3553131	20	8 19.4	20.2
263350 2008 CN ₁₂₁	15.9	X	340.83723	121.09276	134.19441	11.29934	0.0559435	0.17978279	3.1091187	20	5 14.2	20.2
263351 2008 CU ₁₃₁	17.3	X	153.54884	170.31182	2.38767	1.92962	0.1616282	0.27830904	2.3233671	20	9 18.8	20.7
263352 2008 CV ₁₃₁	16.9	X	52.90647	262.10450	141.43181	6.11494	0.1877798	0.31300959	2.1483133	20	—	—
263353 2008 CE ₁₃₃	17.3	X	323.10051	26.51541	147.49185	3.68687	0.0808895	0.23621124	2.5918051	20	—	—
263354 2008 CZ												

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
263361 2008 CU ₁₅₂	17.6	X	165.29092	306.14446	221.03974	4.73053	0.0970705	0.28092038	2.3089466	20	9 23.6	20.9
263362 2008 CC ₁₅₅	16.6	X	46.69162	243.29056	86.15974	6.44929	0.0802809	0.20988076	2.8042774	20	11 25.6	20.5
263363 2008 CM ₁₅₇	17.7	X	293.87456	188.68062	260.68838	4.26116	0.1150450	0.29594576	2.2301187	20	12 9.8	19.4
263364 2008 CO ₁₅₇	17.1	X	85.49933	353.60879	201.59979	5.56648	0.0633381	0.26909672	2.3760949	20	7 23.7	20.2
263365 2008 CW ₁₅₈	17.3	X	251.83751	5.67012	90.46714	3.54390	0.1107669	0.28494902	2.2871322	20	10 6.8	19.9
263366 2008 CY ₁₅₈	18.3	X	211.19314	51.34130	63.48324	3.47734	0.1605498	0.28033707	2.3121484	20	9 2.3	21.6
263367 2008 CZ ₁₅₈	15.2	X	7.46629	38.03815	173.46867	16.93785	0.1538210	0.17182305	3.2044126	20	4 26.2	19.0
263368 2008 CE ₁₆₀	17.4	X	82.29797	282.75124	176.69113	4.65885	0.0400084	0.24612411	2.5217379	20	3 8.3	20.6
263369 2008 CQ ₁₆₃	17.2	X	208.49115	336.35346	149.29998	2.70883	0.0191482	0.28204975	2.3027789	20	9 26.1	20.0
263370 2008 CT ₁₆₃	16.2	X	152.30837	357.79176	324.56145	8.02034	0.0304730	0.23327549	2.6135049	20	—	—
263371 2008 CE ₁₆₆	17.5	X	178.52369	128.89820	2.00097	2.48793	0.1535122	0.27542398	2.3395638	20	8 19.8	20.9
263372 2008 CM ₁₆₆	17.4	X	148.45417	315.55032	132.55089	2.86403	0.1577887	0.26053168	2.4278901	20	5 24.9	21.1
263373 2008 CG ₁₆₈	17.7	X	292.70194	274.35606	168.78629	4.04779	0.0843258	0.28905425	2.2654256	20	11 28.2	19.8
263374 2008 CN ₁₇₂	16.6	X	84.93681	239.08036	161.05643	14.80960	0.0721260	0.23663496	2.5887103	20	—	—
263375 2008 CH ₁₇₅	17.0	X	166.29052	65.29245	84.75238	8.11361	0.0505922	0.28143512	2.3061303	20	9 9.2	20.2
263376 2008 CB ₁₇₉	15.4	X	65.70410	122.25225	203.76194	13.35572	0.0499248	0.18904137	3.0067557	20	8 2.5	19.5
263377 2008 CR ₁₈₀	16.3	X	299.53744	180.28732	176.63452	6.24267	0.1147035	0.216961794	2.7428728	20	12 3.5	19.5
263378 2008 CL ₁₈₁	16.6	X	89.82396	114.73144	54.40122	7.76853	0.0703554	0.26348221	2.4097308	20	6 24.5	19.7
263379 2008 CN ₁₈₁	16.0	X	204.55034	290.31505	300.93999	13.53586	0.1733978	0.21856267	2.7295144	20	—	—
263380 2008 CR ₁₈₄	17.1	X	207.87877	55.33942	62.55719	7.41610	0.0412392	0.28322295	2.2964152	20	9 19.3	20.1
263381 2008 CD ₁₈₈	17.1	X	347.36422	291.06168	170.21072	6.15445	0.1874242	0.23094422	2.6310635	20	—	—
263382 2008 CM ₁₉₂	16.0	X	231.54538	104.47747	177.25660	14.53901	0.0986770	0.24099644	2.5573821	20	1 16.8	20.1
263383 2008 CR ₁₉₄	17.5	X	164.66542	289.24405	189.43073	2.10951	0.1401390	0.27180223	2.3603009	20	7 19.3	21.2
263384 2008 CF ₁₉₈	17.1	X	226.04581	101.46733	149.44177	1.31529	0.0812321	0.22603661	2.6690100	20	—	—
263385 2008 CH ₂₀₀	15.2	X	353.55550	27.93215	167.80382	18.02237	0.0902923	0.16151426	3.3393515	20	3 13.7	19.3
263386 2008 CW ₂₀₃	17.3	X	120.51213	29.74967	176.25622	4.38042	0.1315410	0.27709605	2.3301426	20	9 29.0	20.5
263387 2008 CM ₂₀₄	17.5	X	220.68044	104.13633	57.02268	4.84879	0.1406740	0.28735040	2.2743721	20	11 17.1	20.0
263388 2008 CA ₂₀₅	16.1	X	241.50451	33.36287	148.33225	14.35230	0.0150420	0.22033774	2.7148351	20	—	—
263389 2008 CR ₂₁₀	15.7	X	223.79570	218.40851	114.99418	6.70491	0.2752073	0.24607415	2.5220792	20	3 9.9	20.2
263390 2008 CP ₂₁₅	17.8	X	239.23349	76.33145	350.80936	1.03862	0.1109860	0.27380331	2.3487867	20	8 4.9	20.8
263391 2008 DA	15.8	X	228.14865	293.77315	131.84529	10.48082	0.0723206	0.19139278	2.9820781	20	7 18.6	20.2
263392 2008 DH ₁	17.8	X	193.31737	256.43868	283.70860	1.34765	0.1448144	0.29075130	2.2566018	20	11 9.5	20.8
263393 2008 DX ₄	16.4	X	25.22878	262.79240	129.34721	6.54426	0.0845034	0.22124585	2.7074013	20	—	—
263394 2008 DY ₆	17.5	X	250.77594	106.34748	323.00338	5.15830	0.1314222	0.28381701	2.2932097	20	8 21.1	20.1
263395 2008 DL ₇	17.5	X	265.71754	247.73129	158.36410	3.22530	0.1642972	0.28147639	2.3059049	20	8 2.6	20.1
263396 2008 DS ₁₀	16.2	X	331.14425	289.56914	334.21880	9.48007	0.0877275	0.18023891	3.1038711	20	4 30.0	20.4
263397 2008 DF ₁₃	15.4	X	114.70646	169.08253	344.02754	7.94287	0.0384662	0.18502121	3.0501535	20	6 29.1	19.9
263398 2008 DA ₁₅	16.5	X	241.49059	33.92446	183.09192	1.43092	0.1388824	0.22256286	2.6967101	20	—	—
263399 2008 DO ₁₆	15.9	X	31.66743	82.28844	171.12270	10.88037	0.0820786	0.18292454	3.0734164	20	7 22.8	20.0
263400 2008 DR ₁₆	16.8	X	233.78383	209.79389	21.96623	3.48594	0.1719506	0.22425945	2.6830919	20	—	—
263401 2008 DE ₁₇	17.7	X	232.88929	329.15832	166.62933	6.84940	0.1573645	0.28992834	2.2608710	20	10 29.4	20.4
263402 2008 DO ₁₈	16.5	X	353.62963	270.08043	147.73630	11.99870	0.1851343	0.22222068	2.6994777	20	—	—
263403 2008 DD ₂₄	17.2	X	347.27241	348.42542	101.88153	7.16049	0.0302375	0.30428303	2.1891939	20	—	—
263404 2008 DT ₂₅	17.1	X	277.29949	346.42394	201.55674	3.30959	0.0906837	0.22772404	2.6558087	20	—	—
263405 2008 DE ₂₆	16.9	X	81.77961	349.95137	192.49760	11.36802	0.1057867	0.26292746	2.4131191	20	7 6.5	20.3
263406 2008 DM ₂₆	16.0	X	94.85798	342.77085	188.24797	5.83222	0.0902647	0.18276036	3.0752567	20	7 3.1	20.5
263407 2008 DQ ₂₆	16.9	X	39.83082	3.73442	226.32039	4.65313	0.1138956	0.26177640	2.4201877	20	7 14.0	19.6
263408 2008 DY ₂₆	15.2	X	131.30664	354.92981	164.07561	18.88761	0.0972874	0.18592191	3.0402946	20	7 29.1	20.1
263409 2008 DO ₃₄	16.7	X	144.37071	177.67120	44.54263	7.08559	0.0888097	0.28507859	2.2864392	20	11 14.2	19.9
263410 2008 DY ₃₅	16.3	X	187.20618	335.31583	162.43113	2.33224	0.0403216	0.19484525	2.9467469	20	9 4.1	20.5
263411 2008 DO ₃₆	17.4	X	191.37247	276.46861	178.37098	5.96041	0.1105871	0.26923977	2.3752532	20	7 15.5	20.9
263412 2008 DR ₃₇	17.2	X	278.58543	68.99719	175.29725	5.83422	0.0380664	0.23768270	2.5810971	20	1 29.5	20.8
263413 2008 DM ₃₈	16.6	X	242.02018	337.76082	229.41983	4.12159	0.0508809	0.21999719	2.7176360	20	—	—
263414 2008 DE ₄₂	16.3	X	282.21378	27.37966	329.11884	10.22607	0.0887822	0.19250318	2.9705996	20	6 25.8	20.5
263415 2008 DB ₄₄	17.1	X	40.51753	172.43392	51.37637	3.40925	0.1508183	0.26133237	2.4229284	20	7 13.6	19.6
263416 2008 DT ₄₄	16.5	X	18.94833	280.42433	143.11403	13.46707	0.2599584	0.23054534	2.6340973	20	—	—
263417 2008 DN ₄₅	17.2	X	158.69384	28.17524	131.34195	2.98022	0.1524096	0.27430529	2.3459204	20	9 6.9	20.9
263418 2008 DS ₄₅	15.6	X	149.51763	290.94514	167.24049	16.19006	0.2242842	0.18102586	3.0948692	20	6 11.5	21.1
263419 2008 CE ₄₇	17.2	X	155.86342	53.74546	116.25675	3.54353	0.1039327	0.27424414	2.3462690	20	9 19.2	20.5
263420 2008 DL ₄₇	16.9	X	348.83731	104.68915	36.42459	3.53253	0.1225221	0.23158554	2.6262038	20	—	—
263421 2008 DC ₄₉	16.3	X	315.30800	200.64553	16.61636	16.29423	0.0885837	0.24196576	2.5505476	20	2 11.7	19.9
263422 2008 DK ₅₀	16.9	X	151.92201	45.78786	102.93065	3.14252	0.1327778	0.27159553	2.3614983	20	8 16.7	20.5
263423 2008 DO ₅₂	15.1	X	237.78868	281.31468	338.07878	9.05573	0.0348390	0.15152783	3.4845051	20	1 16.9	20.2
263424 2008 DV ₅₄	16.3	X	27.62792	306.43854	106.93215	13.55489	0.1370748	0.22939262	2.6429143	20	—	—
263425 2008 DB ₅₇	15.6	X	90.13547	356.94420	181.76080	27.92735	0.0734938	0.18377425	3.0639355	20	7 3.9	20.6
263426 2008 DN ₆₅	16.5	X	266.76569	343.39981	216.58836	13.19307	0.1888672	0.22454916	2.6807836	20	—	—
263427 2008 DQ ₆₅	16.5	X	176.11080	97.19698	146.13131	3.38499	0.1298888	0.21083413	2.7958172	20	12 26.7	21.0
263428 2008 DD ₆₇	16.1	X	188.55855	280.02901	317.93677	4.96346	0.0537583	0.21493766	2.7601184	20	—	—
263429 2008 DO ₆₇	15.8	X	136.35602	252.02094	206.85172	11.44055	0.0856254	0.17551662	3.1592977	20	5 21.8	20.6
263430 2008 DH ₆₈	17.0	X	163.07389	96.56302	211.61420	1.31809	0.0909307	0.22766846	2.6562409	20	—	—
263431 2008 DY ₆₈	17.5	X	34.91932	24.51102	131.05799	3.70498	0.1573306	0.24458616	2.5322979	20	3 21.6	19.9
263432 2008 DA ₆₉	16.4	X	40.78850	106.07008	115.21288	2.82575	0.1087417	0.17613208	3.1519337	20	6 28.4	20.5
263433 2008 DK ₆₉	16.0	X	129.65414	174.36225	81.15633	3.17070	0.0243219	0.20424635	2.8556162	20	11 24.4	20.1
263434 2008 DK ₇₀	16.7	X	18.26741	109.00972								

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
263441 2008 DP ₇₉	16.2	X	67.68267	325.18391	97.43874	15.42832	0.0818951	0.23851110	2.5751171	20	—	—
263442 2008 DE ₈₃	16.3	X	245.43702	231.66900	200.56532	10.10788	0.0828933	0.19127979	2.9832524	20	8 12.7	20.7
263443 2008 DR ₈₃	16.5	X	287.56864	185.78912	167.58944	4.46330	0.0725749	0.18901402	3.0070457	20	6 30.1	20.5
263444 2008 DY ₈₆	16.2	X	303.65248	116.33699	181.55129	9.35361	0.0515066	0.17710964	3.1403249	20	5 15.8	20.6
263445 2008 DZ ₈₆	16.3	X	31.21783	31.49476	335.26196	5.09388	0.0552167	0.21235975	2.7824108	20	12 18.7	20.0
263446 2008 DK ₈₈	16.4	X	276.73835	228.27708	61.04143	4.26378	0.0489569	0.24577316	2.5241379	20	3 26.6	19.7
263447 2008 EA ₁	17.2	X	81.15952	144.79889	108.45731	13.13093	0.2230217	0.27443991	2.3451531	20	11 2.0	21.1
263448 2008 EG ₁	16.6	X	107.55408	139.23491	87.83615	7.19005	0.1022569	0.27412202	2.3469659	20	10 14.1	20.0
263449 2008 EY ₁	17.1	X	256.40775	285.93198	229.52128	2.42619	0.0316039	0.21379206	2.7699696	20	12 24.7	20.8
263450 2008 ET ₂	16.2	X	11.44780	153.26084	69.80428	9.61248	0.1016527	0.17902875	3.1178427	20	5 15.2	20.0
263451 2008 EL ₄	16.9	X	44.49300	326.02919	280.61775	6.07669	0.0785561	0.26767390	2.3845075	20	8 9.5	19.6
263452 2008 EE ₆	17.0	X	273.42964	326.61180	113.88708	7.35955	0.0708934	0.28404693	2.2919721	20	10 25.8	19.6
263453 2008 EZ ₆	15.8	X	280.77859	233.39683	284.54789	13.96991	0.1745637	0.22362784	2.6881416	20	—	—
263454 2008 EA ₁₂	16.0	X	224.45799	144.91628	70.74175	5.96235	0.0984610	0.21910504	2.7250081	20	—	—
263455 2008 ER ₁₄	16.7	X	65.54334	92.85457	165.64903	1.77549	0.0966615	0.19050163	2.9913708	20	9 19.2	20.7
263456 2008 ER ₁₅	16.6	X	284.66222	122.28158	9.48479	13.27906	0.1246628	0.21567211	2.7538486	20	12 24.6	20.1
263457 2008 EG ₁₆	17.3	X	104.34998	22.03827	159.97553	1.52020	0.1239527	0.26476667	2.4019309	20	8 7.7	20.7
263458 2008 EG ₁₇	16.1	X	278.28297	196.69645	345.84040	14.52506	0.0532217	0.22232051	2.6986695	20	—	—
263459 2008 EL ₂₂	15.7	X	217.26793	183.69468	61.38484	10.69000	0.1861706	0.22052589	2.7132907	20	—	—
263460 2008 EM ₂₂	15.8	X	182.97271	138.78370	111.22494	9.21700	0.1420915	0.21443509	2.7644293	20	—	—
263461 2008 EK ₂₉	16.0	X	320.47960	138.61460	20.69333	14.11612	0.1070385	0.22688197	2.6623760	20	—	—
263462 2008 EO ₃₄	17.7	X	150.02727	347.69121	181.08332	2.33741	0.1536563	0.27411903	2.3469829	20	9 9.5	21.2
263463 2008 EP ₃₄	15.1	X	46.22765	139.42149	97.12519	22.22537	0.1583392	0.18167509	3.0874917	20	8 5.9	19.3
263464 2008 ET ₃₅	15.9	X	217.58649	179.84361	156.10564	9.99757	0.1444320	0.24526537	2.5272606	20	3 10.4	19.9
263465 2008 EL ₄₂	15.7	X	31.96126	126.60986	186.51161	15.07794	0.1412764	0.19264433	2.9691483	20	10 22.8	19.5
263466 2008 EF ₄₃	16.2	X	189.24023	136.63890	121.55502	3.04400	0.0257803	0.21680559	2.7442420	20	—	—
263467 2008 EM ₄₈	16.5	X	138.94571	120.60104	180.34788	4.96513	0.1404618	0.21194595	2.7860311	20	—	—
263468 2008 EG ₅₃	17.0	X	164.50693	46.79478	71.03607	7.26238	0.0592286	0.26565784	2.3965562	20	7 18.8	20.4
263469 2008 EX ₅₇	17.3	X	223.48241	261.27133	186.31818	8.94908	0.0806184	0.27642256	2.3339259	20	8 15.1	20.5
263470 2008 EX ₅₉	17.2	X	180.71097	291.82843	221.84572	5.26754	0.0652844	0.28004572	2.3137517	20	9 24.8	20.4
263471 2008 ET ₆₆	16.3	X	106.03891	31.83931	262.41638	2.97432	0.0804843	0.20989939	2.8041114	20	12 18.9	20.3
263472 2008 ES ₆₇	17.1	X	344.53781	323.94492	224.34958	3.16876	0.1065185	0.24110868	2.5565884	20	2 4.0	20.0
263473 2008 EZ ₆₇	15.7	X	194.66571	130.81577	219.86538	4.78020	0.2904421	0.24373214	2.5382098	20	3 5.9	20.4
263474 2008 EL ₇₁	16.6	X	107.87065	204.76476	104.07512	4.09901	0.0555228	0.21659758	2.7459987	20	—	—
263475 2008 EK ₇₃	16.4	X	242.01573	235.84023	12.71802	15.39467	0.1049595	0.22867237	2.6484610	20	—	—
263476 2008 EZ ₇₅	17.4	X	251.91993	57.84209	46.99939	4.01623	0.1038052	0.28386241	2.2929652	20	10 19.2	19.8
263477 2008 EH ₇₇	17.5	X	106.83074	169.87703	59.92557	3.11422	0.0901729	0.27482634	2.3429543	20	10 13.4	20.7
263478 2008 EM ₇₇	16.3	X	34.02608	252.54966	157.63246	6.18885	0.0014177	0.21928887	2.7234850	20	—	—
263479 2008 EF ₇₈	16.0	X	346.39412	237.99360	25.69263	9.66939	0.0449541	0.17449998	3.1715565	20	5 27.8	20.4
263480 2008 EF ₇₉	17.0	X	152.68819	265.51041	218.61830	5.24394	0.1228113	0.26666931	2.3904923	20	7 12.9	20.6
263481 2008 EP ₈₀	16.6	X	234.34604	160.76192	127.13622	5.03257	0.1136628	0.23547122	2.5972325	20	1 29.1	20.6
263482 2008 EJ ₈₀	15.8	X	7.31700	300.74465	122.14802	14.95853	0.0727468	0.22223697	2.6993457	20	—	—
263483 2008 EC ₈₃	15.2	X	168.68856	236.15606	205.46379	13.98515	0.0680310	0.18036942	3.1023737	20	6 3.1	20.0
263484 2008 EJ ₈₃	16.7	X	209.38412	224.69328	294.18972	6.74172	0.0755094	0.28844744	2.2686017	20	11 6.6	19.8
263485 2008 ER ₈₄	16.8	X	34.61846	141.42811	70.65214	13.35065	0.1075446	0.25638343	2.4540086	20	6 6.9	19.4
263486 2008 EY ₈₆	15.8	X	201.64618	260.88307	174.65723	10.35189	0.0852008	0.18332809	3.0689045	20	6 29.8	20.7
263487 2008 EV ₈₇	15.9	X	241.36756	215.70840	32.40468	13.47897	0.0796533	0.22635598	2.6664988	20	—	—
263488 2008 EE ₈₉	15.1	X	105.00807	96.85447	59.44171	11.78935	0.0485754	0.17956797	3.1115979	20	6 20.8	19.6
263489 2008 EJ ₈₉	17.3	X	236.17410	279.42007	278.10317	4.13191	0.1630218	0.29872083	2.2162855	20	—	—
263490 2008 EK ₉₂	15.3	X	310.83361	219.29086	70.12084	10.53874	0.0592147	0.17439567	3.1728210	20	5 13.3	19.5
263491 2008 EY ₉₃	16.2	X	241.95943	134.17192	52.46170	8.30121	0.1622340	0.21814616	2.7329876	20	12 27.5	19.8
263492 2008 EY ₉₄	17.5	X	204.45186	198.65482	210.99531	5.21448	0.1660029	0.26566140	2.3965348	20	5 28.6	21.3
263493 2008 EG ₉₆	16.8	X	305.45383	166.16013	328.38822	3.75706	0.0635510	0.22555245	2.6728280	20	—	—
263494 2008 EP ₁₀₀	15.1	X	284.66172	83.36043	143.74949	17.03433	0.0348279	0.15421624	3.4438902	20	1 29.1	20.1
263495 2008 EV ₁₀₀	17.3	X	65.08503	39.72794	164.43939	1.57782	0.1251205	0.26168886	2.4207274	20	7 18.6	20.3
263496 2008 EY ₁₀₃	15.7	X	5.52993	322.12939	18.87690	10.60805	0.0981516	0.19301309	2.9653653	20	10 12.1	19.3
263497 2008 EW ₁₀₅	16.1	X	343.79917	182.17513	143.22340	11.83860	0.0717908	0.19223028	2.9734104	20	8 16.7	19.8
263498 2008 EY ₁₀₆	15.9	X	355.88428	204.67015	99.29774	7.20320	0.1370478	0.18452081	3.0556655	20	8 9.3	19.4
263499 2008 ET ₁₁₆	16.4	X	187.04787	269.19318	25.02783	8.69560	0.0394026	0.22571233	2.6715657	20	—	—
263500 2008 EV ₁₁₈	17.7	X	227.95451	136.13666	269.25367	1.35555	0.1237626	0.27157122	2.3616392	20	6 19.4	21.1
263501 2008 EG ₁₂₀	17.7	X	133.02497	293.58318	169.77251	6.32302	0.2036314	0.25934975	2.4352609	20	6 2.4	21.6
263502 2008 EG ₁₂₀	16.0	X	84.52495	164.40193	19.00663	4.69995	0.0785156	0.18026175	3.1036089	20	7 5.6	20.4
263503 2008 EP ₁₂₁	16.6	X	191.24622	62.74511	357.80921	11.72013	0.1600575	0.26109611	2.4243898	20	5 26.7	20.7
263504 2008 EP ₁₂₂	16.7	X	278.65089	154.58137	7.09298	4.02042	0.0410579	0.21867612	2.7285703	20	—	—
263505 2008 EC ₁₂₃	16.9	X	319.38445	145.46838	56.94747	3.25741	0.1086024	0.23450246	2.6043806	20	1 20.1	20.3
263506 2008 EF ₁₂₆	16.9	X	220.23095	249.03355	351.13530	1.40097	0.0288584	0.22181329	2.7027819	20	—	—
263507 2008 EG ₁₂₆	16.9	X	189.17491	127.69007	190.53556	3.22895	0.0938808	0.23083834	2.6318679	20	1 20.9	21.0
263508 2008 EV ₁₂₆	16.4	X	273.42155	88.97172	104.35588	4.87273	0.0589662	0.22797747	2.6538402	20	—	—
263509 2008 EF ₁₂₉	17.0	X	260.06644	10.97963	75.32337	4.69448	0.0915938	0.28241725	2.3007808	20	10 8.3	19.5
263510 2008 EG ₁₃₅	16.0	X	274.85930	174.45656	165.31536	9.48465	0.0905632	0.17562952	3.1579437	20	5 25.9	20.6
263511 2008 EE ₁₃₆	17.6	X	253.59604	305.13449	107.10008	3.87343	0.0858712	0.27034803	2.3687573	20	8 7.3	20.6
263512 2008 EP ₁₃₉	17.2	X	89.11000	266.40109	256.99126	3.45835	0.0984843	0.25752672	2.4467402	20	6 19.8	20.4
263513 2008 ER ₁₄₁	16.9	X	261.60479	25.76197	24.70184	1.61617	0.1991074	0.27916471	2.3186171	20	7 31.2	19.8
263514 2008 EM ₁₄₃	15.4	X	22.65312	61.01805	169.824							

ELEMENTS AND OPPOSITION DATES IN 2020

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
263521 2008 EQ ₁₄₉	16.7	X	123.33318	58.86122	96.53516	7.57940	0.0611766	0.26553713	2.3972825	20	7 19.2	20.0
263522 2008 EN ₁₅₃	17.9	X	286.79172	295.87553	148.40821	1.47472	0.1592550	0.28715383	2.2754099	20	11 11.2	19.6
263523 2008 ET ₁₅₃	15.0	X	346.21956	185.53908	80.72622	12.72432	0.0773774	0.17267855	3.1938201	20	6 1.3	19.0
263524 2008 EZ ₁₅₃	16.6	X	151.57971	220.86613	54.76318	2.62115	0.1949153	0.21137889	2.7910116	20	—	—
263525 2008 EG ₁₅₇	16.6	X	231.58499	185.21669	8.64742	9.41092	0.0778461	0.21446513	2.7641711	20	—	—
263526 2008 ET ₁₅₇	16.2	X	26.59208	118.49976	185.24128	9.74105	0.1175315	0.19131002	2.9829381	20	9 27.3	20.0
263527 2008 EK ₁₅₈	17.7	X	145.69201	115.17040	2.94574	4.81929	0.0814534	0.26209235	2.4182424	20	6 26.2	21.1
263528 2008 EZ ₁₅₉	17.1	X	167.33564	61.65955	239.61934	1.63645	0.0612415	0.22242360	2.6978356	20	—	—
263529 2008 EM ₁₆₃	15.2	X	27.69641	93.70769	137.65165	14.30455	0.1381482	0.17495688	3.1660325	20	6 25.3	19.2
263530 2008 ED ₁₆₆	16.6	X	67.34484	349.11248	25.46603	8.63370	0.0952881	0.21604103	2.7507126	20	—	—
263531 2008 FM ₁	17.0	X	41.75867	268.95521	10.49712	5.66500	0.1171266	0.27311037	2.3527580	20	10 1.4	19.6
263532 2008 FY ₂	16.4	X	211.29694	168.05712	4.24754	4.02912	0.0433874	0.20930375	2.8094288	20	11 15.8	20.5
263533 2008 FZ ₂	17.1	X	77.73144	278.61816	341.17270	4.67700	0.1464216	0.27558198	2.3386694	20	10 22.8	20.4
263534 2008 FT ₃	16.1	X	191.65725	87.15661	24.22400	3.55603	0.0504622	0.19196055	2.9761950	20	8 7.2	20.5
263535 2008 FN ₇	17.0	X	322.24226	297.58905	20.62943	4.10755	0.1884442	0.25912974	2.4366391	20	6 24.1	19.1
263536 2008 FU ₇	16.6	X	251.58698	189.41602	178.22902	11.86618	0.0895245	0.18277325	3.0751122	20	6 1.7	21.3
263537 2008 FK ₈	16.2	X	247.61617	358.13150	190.48606	13.32062	0.0329631	0.21895181	2.7262794	20	—	—
263538 2008 FS ₁₄	17.3	X	0.29141	198.47944	166.00303	3.33373	0.1322896	0.28381533	2.2932188	20	12 3.5	19.6
263539 2008 FN ₁₆	16.5	X	355.22930	210.56253	152.21741	12.37777	0.1013643	0.20912744	2.8110077	20	11 1.9	20.1
263540 2008 FA ₁₇	16.2	X	231.83089	27.47875	185.52991	8.59828	0.0678725	0.22124338	2.7074214	20	—	—
263541 2008 FR ₂₀	16.5	X	128.30752	250.30701	94.50847	6.38050	0.0825324	0.22262653	2.6961959	20	—	—
263542 2008 FJ ₂₇	16.6	X	353.92190	288.33650	249.11978	3.36043	0.1826684	0.23697852	2.5862076	20	1 26.9	19.2
263543 2008 FA ₂₈	16.1	X	70.42098	175.81499	171.06959	9.74786	0.0258111	0.20614294	2.8380741	20	—	—
263544 2008 FE ₂₈	17.5	X	86.71189	134.33203	56.64186	3.29178	0.1248152	0.26210164	2.4181852	20	7 30.8	20.6
263545 2008 FE ₂₉	17.3	X	22.20755	159.26329	146.82541	7.91693	0.1857154	0.27588584	2.3369519	20	10 25.2	19.9
263546 2008 FJ ₃₁	17.6	X	202.39290	138.01521	286.50972	1.78009	0.1642496	0.26853187	2.3794257	20	6 14.7	21.2
263547 2008 FQ ₃₅	17.7	X	123.27335	153.05140	25.80273	2.11105	0.0972489	0.27038803	2.3685237	20	8 24.5	21.0
263548 2008 FM ₄₁	16.0	X	231.15467	27.38405	184.49454	11.65215	0.0427995	0.22114960	2.7081868	20	—	—
263549 2008 FV ₄₁	16.9	X	237.77277	357.24942	233.38852	0.90736	0.0884903	0.22493728	2.6776990	20	—	—
263550 2008 FR ₄₈	16.3	X	228.00793	214.38360	16.76575	9.48873	0.0796090	0.22085724	2.7105762	20	—	—
263551 2008 FF ₅₀	16.2	X	245.95838	206.13844	187.99279	10.69124	0.1259000	0.18230983	3.0803211	20	6 22.5	20.9
263552 2008 FR ₅₀	16.4	X	68.62273	292.17397	64.14924	7.01863	0.0531438	0.21094342	2.7948515	20	—	—
263553 2008 FB ₅₄	16.4	X	149.14643	58.24172	189.42624	10.73820	0.0964212	0.20432291	2.8549029	20	12 6.9	21.0
263554 2008 FH ₅₅	16.8	X	319.82694	93.67116	37.69333	5.41415	0.0656226	0.21980351	2.7192322	20	—	—
263555 2008 FM ₅₇	17.5	X	185.83869	7.36817	163.12267	2.78486	0.1076979	0.27817638	2.3241057	20	10 22.3	20.7
263556 2008 FU ₅₇	16.2	X	236.66201	292.34912	99.70497	4.53281	0.0924266	0.18228246	3.0806295	20	6 13.6	20.7
263557 2008 FP ₅₉	16.2	X	116.31548	198.37909	144.32534	5.99343	0.0477803	0.21678165	2.7444440	20	—	—
263558 2008 FM ₆₀	16.5	X	8.33075	10.99960	114.97324	3.33737	0.0567418	0.22589754	2.6701053	20	—	—
263559 2008 FZ ₆₀	16.7	X	314.83668	130.49537	49.80673	10.67103	0.1465737	0.22722392	2.6597043	20	—	—
263560 2008 FJ ₆₁	16.6	X	193.22036	241.05028	75.48103	3.75982	0.0226002	0.23326788	2.6135617	20	1 21.4	20.3
263561 2008 FX ₆₇	17.4	X	202.86700	66.28552	55.89452	2.88053	0.1356427	0.27173389	2.3606967	20	9 4.2	20.8
263562 2008 FY ₆₇	16.3	X	155.15161	215.85785	58.93506	5.28832	0.0274779	0.21083430	2.7958157	20	—	—
263563 2008 FL ₆₈	17.1	X	323.49723	65.57198	136.91086	2.11507	0.0513936	0.23259577	2.6185940	20	2 2.6	20.3
263564 2008 FB ₆₉	16.4	X	337.69101	347.39192	202.89531	0.94011	0.1020507	0.23376911	2.6098245	20	1 30.2	19.6
263565 2008 FB ₇₀	16.7	X	325.08591	301.81431	209.85214	4.28576	0.1882821	0.22495873	2.6775288	20	—	—
263566 2008 FQ ₇₀	16.1	X	250.35881	157.28480	222.74515	8.24337	0.0972239	0.25407470	2.4688523	20	6 14.7	19.5
263567 2008 FU ₇₀	16.9	X	88.03959	182.49896	83.34648	4.28224	0.1572142	0.27720916	2.3295086	20	11 14.4	20.4
263568 2008 FH ₇₁	16.8	X	275.63694	335.30640	55.50374	6.88113	0.0552083	0.26833868	2.3050577	20	8 16.5	19.7
263569 2008 FO ₇₁	17.3	X	46.28623	255.91977	176.60512	5.86097	0.1548083	0.23440548	2.6050988	20	—	—
263570 2008 FV ₇₅	16.8	X	199.84681	20.98655	110.37648	5.09166	0.1796810	0.27850419	2.3222817	20	9 10.8	20.3
263571 2008 FZ ₇₅	15.8	X	121.59076	127.88187	52.82932	9.76691	0.0913077	0.18750321	3.0231770	20	8 20.7	20.5
263572 2008 FL ₇₇	17.0	X	148.23133	199.51225	191.64003	0.27672	0.1528682	0.24207111	2.5498076	20	3 12.6	20.6
263573 2008 FX ₇₇	16.8	X	271.36433	320.38547	203.17638	4.90312	0.0540781	0.21760807	2.7374911	20	—	—
263574 2008 FV ₇₉	16.2	X	133.73537	78.13093	191.24187	6.02224	0.1054256	0.20916605	2.8106617	20	12 16.9	20.3
263575 2008 FR ₈₂	16.2	X	107.94375	351.82073	166.96919	12.11936	0.0767392	0.18457640	3.0550520	20	7 1.6	20.8
263576 2008 FT ₈₂	17.7	X	146.54914	288.01069	178.05853	4.72139	0.1687856	0.26531791	2.3986028	20	6 15.9	21.5
263577 2008 FG ₈₃	17.1	X	147.79189	161.96338	124.97652	4.30788	0.0616613	0.21322803	2.7748522	20	—	—
263578 2008 FB ₈₄	16.7	X	36.75047	359.96533	72.06326	5.31608	0.0537331	0.22347487	2.6893682	20	—	—
263579 2008 FR ₈₈	16.8	X	74.46832	165.11823	136.94939	2.70423	0.0449581	0.20261230	2.8709493	20	11 18.9	20.7
263580 2008 FC ₉₀	17.7	X	212.85693	58.03866	359.91619	4.80035	0.1281835	0.27095401	2.3652243	20	6 18.9	21.3
263581 2008 FN ₉₀	17.4	X	174.26798	272.23659	146.07613	4.81851	0.1001133	0.26145546	2.4221679	20	5 11.1	20.9
263582 2008 FE ₉₂	17.4	X	138.24514	93.49430	142.87030	3.01863	0.1378790	0.28386671	2.2929420	20	11 25.9	20.9
263583 2008 FK ₉₃	17.1	X	252.74583	7.91790	300.22343	2.44253	0.0578252	0.24618857	2.5212977	20	3 16.7	20.5
263584 2008 FZ ₉₆	16.6	X	19.21164	298.79421	122.23838	6.03497	0.0563405	0.21193579	2.7861202	20	—	—
263585 2008 FX ₉₈	15.9	X	293.72604	314.55559	74.74949	9.69862	0.0861900	0.18817301	3.0159988	20	8 28.6	20.0
263586 2008 FS ₁₀₄	15.9	X	33.52037	52.55729	209.52650	10.94170	0.1156266	0.17732281	3.1378077	20	8 7.7	20.2
263587 2008 FF ₁₀₅	16.7	X	3.75985	291.02088	10.49381	4.92342	0.2025081	0.18866624	3.0107400	20	8 26.6	19.8
263588 2008 FH ₁₀₇	15.7	X	204.18491	239.31070	172.92037	8.74101	0.1056277	0.17614823	3.1517411	20	6 3.9	20.7
263589 2008 FY ₁₀₇	17.6	X	229.54044	62.43342	79.31808	2.66684	0.1591785	0.28485346	2.2876437	20	10 30.6	20.3
263590 2008 FY ₁₁₀	15.8	X	343.03008	75.84126	215.90019	15.30680	0.0581942	0.17384077	3.1795693	20	6 28.1	20.3
263591 2008 FT ₁₁₂	16.8	X	350.44760	270.28288	128.15775	2.93437	0.0688188	0.20548368	2.8441413	20	12 3.7	20.4
263592 2008 FJ ₁₁₅	16.4	X	23.16806	271.88074	72.63635	3.09559	0.0802979	0.20049484	2.8911275	20	11 11.3	20.1
263593 2008 FM ₁₁₅	16.2	X	11.51674	135.19175	161.67187	5.48483	0.1247308	0.18487062	3.0518098	20	8 24.4	19.8
263594 2008 FR ₁₁₅	17.6	X	190.64447	32.21545	55.63434	3.42193	0.1820290	0.26681217</				

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>		
263601	2008	FS ₁₂₉	17.3	X	75.39344	129.11555	34.33829	3.82057	0.1380378	0.25235295	2.4800692	20	6 6.5	20.4
263602	2008	FW ₁₃₀	16.4	X	73.09714	163.72485	110.81310	3.30470	0.0902878	0.19202053	2.9755753	20	10 19.2	20.6
263603	2008	FX ₁₃₀	16.4	X	321.80567	231.01985	327.39720	1.49683	0.1286266	0.23283060	2.6168330	20	1 14.9	19.6
263604	2008	FN ₁₃₁	15.8	X	45.45670	150.34168	95.96304	9.26095	0.1382211	0.18223639	3.0811486	20	8 14.8	19.9
263605	2008	FP ₁₃₂	16.6	X	116.48112	172.34240	163.78222	2.75571	0.0824325	0.21875411	2.7279217	20	—	—
263606	2008	FS ₁₃₃	16.9	X	164.97686	254.07821	97.72288	2.29415	0.0879609	0.23360871	2.6110190	20	2 6.2	20.7
263607	2008	FN ₁₃₅	16.9	X	127.36736	297.68296	82.01981	5.81857	0.0727075	0.23224623	2.6212207	20	1 28.1	20.5
263608	2008	FP ₁₃₅	16.1	X	170.47448	340.27475	237.05143	5.53601	0.0926198	0.20204024	2.8763659	20	11 20.9	20.4
263609	2008	FO ₁₃₆	16.2	X	104.49002	220.49589	207.12068	6.41824	0.1685290	0.23580855	2.5947550	20	3 11.3	19.8
263610	2008	FP ₁₃₆	17.0	X	230.45358	246.97839	177.16976	5.99507	0.1183303	0.26318824	2.4115248	20	7 17.4	20.5
263611	2008	FY ₁₃₆	15.9	X	209.84069	144.32071	118.53742	9.77676	0.1049958	0.22004642	2.7172307	20	—	—
263612	2008	GJ ₁	17.1	X	115.70020	247.41131	343.88971	3.89943	0.1065927	0.27541639	2.3396067	20	10 23.7	20.5
263613	2008	Enol	17.7	X	281.58604	6.00154	126.36019	3.07870	0.0950338	0.29523518	2.2336955	20	—	—
263614	2008	GH ₃	15.1	X	11.52400	234.73935	31.85354	14.44440	0.2671128	0.17597345	3.1538276	20	8 2.3	18.5
263615	2008	GA ₅	15.9	X	346.66282	119.12143	151.49857	9.37651	0.0619644	0.17967697	3.1103394	20	6 8.9	20.1
263616	2008	GD ₁₁	16.8	X	55.06226	191.49441	216.41153	5.39913	0.0207908	0.21769052	2.7367999	20	—	—
263617	2008	GF ₁₄	15.0	X	343.34429	234.13148	19.18200	13.13194	0.1341966	0.17025543	3.2240522	20	5 3.1	18.9
263618	2008	GR ₁₄	16.4	X	340.93850	118.95729	89.98290	8.13209	0.1174651	0.23912509	2.5707072	20	3 1.8	19.5
263619	2008	GR ₂₃	16.9	X	31.72761	326.82383	95.08254	4.56834	0.1226286	0.22250286	2.6971948	20	—	—
263620	2008	GJ ₂₄	15.4	X	240.48676	340.28555	26.85102	16.27838	0.0846325	0.17390236	3.1788185	20	5 14.6	20.2
263621	2008	GE ₃₄	18.1	X	156.85166	66.79024	18.82794	1.58175	0.1500048	0.25831158	2.4417815	20	5 28.7	21.9
263622	2008	GS ₃₆	17.0	X	195.10631	48.90497	62.94535	9.23498	0.1663867	0.26879358	2.3778810	20	8 12.9	20.8
263623	2008	GH ₃₉	15.6	X	57.50223	42.91254	210.94712	13.62340	0.2136177	0.17971613	3.1098875	20	9 15.3	20.1
263624	2008	GV ₄₁	15.8	X	79.60015	68.34205	190.74111	11.19354	0.0497482	0.19073166	2.9889652	20	9 30.3	19.9
263625	2008	GM ₄₂	16.1	X	152.05754	355.94271	160.26610	5.92043	0.1951109	0.18903970	3.0067734	20	8 22.3	21.1
263626	2008	GS ₄₂	14.8	X	32.94298	225.16118	50.59928	15.14214	0.2113397	0.17968040	3.1102997	20	9 20.8	18.9
263627	2008	GF ₄₇	16.7	X	47.48423	297.87749	131.61677	7.34400	0.0017263	0.21899379	2.7259309	20	—	—
263628	2008	GK ₄₈	16.8	X	197.33018	309.50661	312.10300	3.50273	0.0590300	0.22406313	2.6846589	20	—	—
263629	2008	GN ₄₉	16.7	X	193.89592	119.74843	176.03552	4.78756	0.0840808	0.22319614	2.6916067	20	—	—
263630	2008	GO ₅₈	16.4	X	128.19242	109.49718	188.54516	5.29274	0.1335195	0.21017218	2.8016845	20	—	—
263631	2008	GF ₅₉	17.0	X	126.00468	269.02497	113.87405	1.20522	0.0983142	0.23266924	2.6180427	20	2 1.9	20.4
263632	2008	GW ₅₉	16.0	X	343.38445	17.05605	146.38530	9.54571	0.0591746	0.23147131	2.6270677	20	1 9.0	19.4
263633	2008	GQ ₆₀	15.9	X	208.04048	123.59726	150.36295	5.47380	0.1312021	0.22124703	2.7073916	20	—	—
263634	2008	GY ₆₀	17.6	X	110.06634	129.28352	60.71597	1.79055	0.1302760	0.26684458	2.3894455	20	8 27.0	21.1
263635	2008	GM ₆₆	16.2	X	125.97054	153.46734	82.26362	5.71708	0.0231055	0.19531795	2.9419905	20	10 26.9	20.5
263636	2008	GH ₆₇	15.6	X	6.37519	179.71626	95.33409	2.57504	0.1540376	0.17431373	3.1738153	20	7 17.8	19.2
263637	2008	GC ₇₀	15.4	X	251.40695	244.08477	123.57915	10.67444	0.0429455	0.16897418	3.2403293	20	6 7.6	20.2
263638	2008	GN ₇₀	15.6	X	357.27615	258.22118	91.83726	11.08373	0.0786371	0.18793750	3.0185179	20	10 14.7	19.6
263639	2008	GF ₇₃	18.0	X	154.33604	6.52255	149.46808	1.45131	0.1303376	0.27128201	2.3633174	20	8 27.9	21.6
263640	2008	GC ₇₇	15.4	X	3.50695	271.06569	51.27650	22.56906	0.1551461	0.18331895	3.0690065	20	10 1.0	19.4
263641	2008	GX ₇₇	16.3	X	54.24860	111.03345	161.32314	7.08870	0.0600212	0.18648023	3.0342232	20	9 16.9	20.5
263642	2008	GN ₇₈	15.9	X	292.49698	185.73247	178.39679	10.55892	0.0853977	0.17827187	3.1266613	20	7 17.3	20.3
263643	2008	GX ₇₈	16.5	X	163.55772	188.41905	47.35940	15.93525	0.0905011	0.20272836	2.8698534	20	12 3.9	21.0
263644	2008	GW ₇₉	16.3	X	90.72665	107.83110	119.44149	2.51581	0.0768639	0.18425611	3.0585914	20	9 7.6	20.8
263645	2008	GD ₈₃	17.1	X	137.16194	276.58062	167.63759	7.38154	0.1728146	0.25124135	2.4873790	20	5 11.2	21.0
263646	2008	GH ₈₅	16.2	X	47.69664	274.26305	98.13422	5.15174	0.1146693	0.21254907	2.7807583	20	—	—
263647	2008	GK ₈₆	17.6	X	141.25777	332.03002	170.59567	1.27082	0.1232883	0.26552198	2.3973737	20	7 26.5	21.1
263648	2008	GN ₈₆	17.1	X	293.27350	321.79608	26.03620	3.94724	0.1201844	0.26075106	2.4262581	20	6 26.9	19.9
263649	2008	GD ₈₈	16.8	X	170.40052	140.67822	171.43558	4.55782	0.0859498	0.22333777	2.6904686	20	—	—
263650	2008	GE ₈₉	15.9	X	323.51794	301.34938	38.57751	10.07662	0.1140595	0.18197450	3.0841041	20	8 4.3	19.8
263651	2008	GU ₈₉	16.3	X	181.76664	2.09317	187.65153	9.78852	0.0419747	0.20055058	2.8905918	20	11 4.1	20.5
263652	2008	GT ₈₉	16.8	X	89.34985	194.20152	184.51888	5.51337	0.0341907	0.22228167	2.6989839	20	—	—
263653	2008	GT ₉₅	16.8	X	41.52336	348.22890	130.36125	5.77401	0.2105392	0.23862833	2.5742736	20	2 12.9	18.7
263654	2008	GR ₉₆	16.7	X	39.87485	353.96333	169.95116	5.00568	0.0904307	0.24427421	2.5344534	20	4 5.9	19.4
263655	2008	GR ₉₉	15.9	X	196.11900	306.98058	132.91366	4.09503	0.0761253	0.17771029	3.1332448	20	6 29.9	20.7
263656	2008	GS ₁₀₀	17.0	X	214.82336	201.86872	65.03714	3.23490	0.0728795	0.22145129	2.7057266	20	—	—
263657	2008	GY ₁₀₁	16.8	X	342.30455	59.36662	107.94526	4.43521	0.1101402	0.23097522	2.6308280	20	1 6.4	19.9
263658	2008	GD ₁₀₂	16.1	X	307.98492	69.22987	44.94047	13.68064	0.0846957	0.21187089	2.7866891	20	—	—
263659	2008	GL ₁₀₂	16.5	X	229.32081	18.11267	141.41286	2.77370	0.0141272	0.20183634	2.8783028	20	11 25.9	20.6
263660	2008	GJ ₁₀₃	16.1	X	102.17722	308.04685	191.53680	2.25044	0.1010019	0.17473109	3.1687593	20	6 4.0	20.6
263661	2008	GS ₁₀₃	16.5	X	83.50372	271.01176	179.11801	13.10209	0.1503960	0.23994189	2.5648698	20	3 10.5	19.7
263662	2008	GZ ₁₀₄	16.7	X	107.13391	192.45933	134.73391	5.23570	0.0688570	0.21211488	2.7845517	20	—	—
263663	2008	GJ ₁₀₉	15.4	X	354.13571	88.96534	214.91804	15.56112	0.0938513	0.17451637	3.1713580	20	7 28.1	19.8
263664	2008	GW ₁₀₉	16.0	X	29.61363	52.75226	180.85524	9.34311	0.0676760	0.17923644	3.1154337	20	6 23.2	20.2
263665	2008	GU ₁₁₀	15.3	X	18.50590	86.52577	123.87083	23.89008	0.1468788	0.16848256	3.2466297	20	5 20.7	19.6
263666	2008	GW ₁₁₂	15.7	X	238.20089	129.33383	104.26955	15.33299	0.0571394	0.22191517	2.7019547	20	—	—
263667	2008	GP ₁₁₃	16.1	X	154.34862	89.39227	17.52373	10.27713	0.1083426	0.17864232	3.1223373	20	6 19.7	21.2
263668	2008	GT ₁₁₃	17.7	X	168.62422	146.49842	356.21053	1.15418	0.1296918	0.27118517	2.3638800	20	8 25.3	21.2
263669	2008	GU ₁₁₃	16.9	X	103.83886	126.67923	304.21490	0.83859	0.0293480	0.23827716	2.5768023	20	2 24.3	20.2
263670	2008	GQ ₁₁₄	17.3	X	118.46163	207.92810	335.29125	1.65846	0.1246293					

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
263681 2008 GG ₁₃₀	15.7	X	84.09590	222.65872	34.00310	12.54747	0.0885450	0.19079673	2.9882856	20	10 10.4	20.0
263682 2008 GO ₁₃₁	16.3	X	337.89655	263.36380	47.43139	5.59238	0.1675248	0.17205397	3.2015448	20	7 12.8	19.9
263683 2008 GQ ₁₃₁	16.8	X	164.72875	272.71006	95.52890	4.13308	0.0834495	0.23029988	2.6359687	20	2 27.5	20.7
263684 2008 GS ₁₃₁	14.9	X	72.53919	267.98591	236.90458	21.92325	0.0885450	0.16877959	3.2428195	20	5 1.7	19.4
263685 2008 GC ₁₃₂	16.2	X	111.25227	204.51476	131.82805	6.36002	0.0644624	0.21288025	2.7778735	20	—	—
263686 2008 GK ₁₃₂	16.2	X	287.75794	79.25268	77.47240	10.15074	0.0961290	0.21272255	2.7792463	20	—	—
263687 2008 GN ₁₃₃	15.6	X	311.67190	288.12973	66.26160	10.30743	0.0879370	0.17800021	3.1298417	20	8 6.3	19.8
263688 2008 GQ ₁₃₃	16.0	X	56.93284	207.16209	94.34467	11.24844	0.0902833	0.19163273	2.9795883	20	11 5.9	20.3
263689 2008 GZ ₁₃₃	17.0	X	22.34873	105.76886	84.12201	0.45043	0.1519102	0.24342052	2.5403755	20	4 15.2	19.3
263690 2008 GQ ₁₃₆	16.7	X	308.47687	89.09401	113.56449	3.88523	0.1356353	0.23061286	2.6335832	20	1 2.3	20.0
263691 2008 GX ₁₃₇	16.5	X	132.41450	314.37334	356.52847	3.37651	0.1301984	0.21339739	2.7733838	20	—	—
263692 2008 GC ₁₄₂	15.9	X	18.96289	202.91643	59.48183	4.33348	0.0760258	0.18296968	3.0729109	20	7 17.4	19.9
263693 2008 GZ ₁₄₃	16.5	X	80.60436	96.61040	217.31415	1.86322	0.0867888	0.19883323	2.9072122	20	12 13.7	20.8
263694 2008 HN ₄	16.5	X	260.43557	23.10059	220.19243	7.54268	0.1513635	0.22558261	2.6725898	20	—	—
263695 2008 HW ₆	17.0	X	15.32760	88.44137	0.72401	3.39793	0.0122878	0.22618757	2.6678223	20	—	—
263696 2008 HJ ₈	16.1	X	206.02486	112.59086	105.55579	10.06566	0.0948053	0.20974763	2.8054638	20	12 30.7	20.1
263697 2008 HE ₉	16.0	X	261.88536	271.59376	133.35579	11.95503	0.1131982	0.18249931	3.0781886	20	7 26.8	20.4
263698 2008 HO ₁₁	15.9	X	116.44893	6.68504	159.78553	10.20649	0.0275003	0.17613595	3.1518875	20	7 14.9	20.5
263699 2008 HV ₁₁	13.5	X	232.20561	260.12716	110.86456	10.29417	0.0596491	0.08341764	5.1875719	20	5 20.3	20.6
263700 2008 HR ₁₃	17.0	X	294.87686	9.89430	234.75134	2.36036	0.0775570	0.23736853	2.5833740	20	2 13.9	20.4
263701 2008 HF ₁₄	16.7	X	199.65715	4.81115	239.14653	3.42912	0.0552135	0.21584883	2.7523453	20	—	—
263702 2008 HA ₁₈	16.7	X	172.30797	286.87483	123.32152	9.77224	0.0682330	0.24520746	2.5280186	20	4 30.4	20.5
263703 2008 HX ₁₈	17.5	X	355.33894	292.26742	235.19651	1.11204	0.1051478	0.23637548	2.5906044	20	1 25.9	20.4
263704 2008 HZ ₂₅	16.0	X	340.47407	205.50866	178.28103	10.08720	0.1040498	0.19163729	2.9795410	20	10 30.8	19.6
263705 2008 HL ₂₆	15.7	X	333.60170	252.44741	46.05463	4.96155	0.1609012	0.17322642	3.1870825	20	6 16.9	19.4
263706 2008 HC ₂₉	16.9	X	128.40431	256.69391	45.63598	4.99777	0.0448239	0.21262079	2.7801330	20	—	—
263707 2008 HV ₃₀	17.0	X	337.94866	318.49529	246.73662	7.79624	0.1077115	0.23824242	2.5770528	20	2 14.6	20.2
263708 2008 HD ₃₂	17.1	X	352.01869	18.97387	84.28914	6.01193	0.1173989	0.21915266	2.7246134	20	—	—
263709 2008 HX ₃₃	14.5	X	114.84954	248.15938	92.78317	11.74337	0.2902522	0.12542916	3.9524863	20	1 9.3	20.6
263710 2008 HZ ₃₃	16.2	X	50.11340	267.09616	196.80590	12.03724	0.0442229	0.22865010	2.6486330	20	1 25.4	19.8
263711 2008 HQ ₃₄	16.5	X	28.75357	355.45802	163.02085	7.97346	0.1400421	0.23774261	2.5806634	20	3 12.5	18.8
263712 2008 HC ₃₆	16.7	X	307.97771	200.38549	71.42392	6.68293	0.0953903	0.24278039	2.5448390	20	4 8.9	19.9
263713 2008 HK ₃₆	16.6	X	238.56712	210.15502	11.33836	4.72400	0.0527067	0.22047369	2.7137189	20	—	—
263714 2008 HR ₃₇	17.0	X	145.09333	305.85351	256.34430	4.50347	0.1629197	0.27412145	2.3469691	20	10 16.2	20.8
263715 2008 HB ₄₁	16.4	X	288.77169	167.88370	44.25103	3.21144	0.0876837	0.22867140	2.6484685	20	—	—
263716 2008 HW ₄₁	16.0	X	96.92992	251.11305	43.55094	10.50535	0.0878629	0.19934354	2.9022486	20	12 6.9	20.5
263717 2008 HY ₄₁	17.1	X	78.32190	354.78200	220.99414	2.02099	0.1310856	0.26089296	2.4256482	20	8 22.3	20.3
263718 2008 HE ₄₄	16.2	X	195.34821	194.97763	81.62656	2.59753	0.0372449	0.22032407	2.7149474	20	—	—
263719 2008 HA ₄₆	15.6	X	297.74746	314.28854	67.48983	10.41919	0.0373494	0.18307420	3.0717412	20	8 30.4	19.9
263720 2008 HS ₄₇	15.7	X	154.04729	91.81498	79.45431	17.08953	0.0667671	0.18663639	3.0325304	20	9 16.4	20.6
263721 2008 HO ₄₉	15.8	X	268.97784	347.46821	263.96513	5.34592	0.1769863	0.22971361	2.6404518	20	1 14.1	19.8
263722 2008 HH ₅₀	15.7	X	19.78341	222.73679	60.94146	6.98066	0.0616645	0.17870506	3.1216065	20	8 16.6	19.9
263723 2008 HP ₅₀	16.6	X	244.41016	34.20580	202.44340	4.51499	0.1029384	0.21993728	2.7181295	20	—	—
263724 2008 HS ₅₀	17.0	X	167.30170	275.92606	197.34085	4.63119	0.0629180	0.25772567	2.4454808	20	7 13.5	20.4
263725 2008 HN ₅₁	15.7	X	274.54094	185.44982	214.13999	5.45614	0.1110126	0.18127793	3.0919996	20	8 3.9	20.0
263726 2008 HR ₅₁	16.3	X	256.21448	338.16588	221.05279	9.79851	0.2040820	0.21686838	2.7437122	20	—	—
263727 2008 HZ ₅₂	15.6	X	176.22450	357.55587	90.43304	5.93141	0.1174189	0.17526594	3.1623095	20	6 18.7	20.7
263728 2008 HA ₅₄	15.8	X	309.22826	300.28456	100.02016	10.65001	0.0809693	0.19018506	2.9946894	20	10 7.2	19.8
263729 2008 HT ₅₄	16.9	X	272.43281	86.59098	111.26708	4.08152	0.0267898	0.21277184	2.7403146	20	—	—
263730 2008 HQ ₅₆	16.6	X	148.91121	314.72960	50.99933	4.83659	0.0722694	0.23247606	2.6194929	20	2 5.6	20.3
263731 2008 HT ₅₉	17.1	X	121.15062	224.58818	74.92702	3.20423	0.0358939	0.20722302	2.8282039	20	—	—
263732 2008 HL ₆₀	15.7	X	148.51943	82.17303	100.38485	12.42081	0.0117150	0.18782131	3.0197626	20	9 19.9	20.2
263733 2008 HR ₆₆	16.7	X	52.68586	139.87958	120.43318	10.54465	0.1974882	0.26288583	2.4133738	20	10 5.9	20.0
263734 2008 HD ₆₉	16.2	X	172.01388	293.75724	62.00357	12.64001	0.1105832	0.23403603	2.6078397	20	3 1.9	20.4
263735 2008 JQ ₃	15.7	X	122.80492	77.61419	123.83044	9.36257	0.0398881	0.18717019	3.0267619	20	9 11.1	20.1
263736 2008 JT ₃	16.3	X	58.53798	216.69786	80.63205	12.96635	0.1351879	0.19023944	2.9941187	20	11 7.2	20.7
263737 2008 JJ ₄	15.6	X	310.23417	320.55095	95.75574	10.43001	0.0657691	0.19340923	2.9613148	20	10 29.9	19.5
263738 2008 JO ₅	15.8	X	72.81913	179.51246	63.22469	10.67213	0.0992374	0.18291199	3.0735570	20	9 13.4	20.3
263739 2008 JO ₉	15.6	X	203.26887	254.59456	160.46531	8.27633	0.0388513	0.17569113	3.1572053	20	6 9.7	20.4
263740 2008 JW ₁₄	15.6	X	356.35214	128.44249	161.18973	10.78144	0.0587912	0.17906684	3.1174006	20	7 16.4	19.8
263741 2008 JY ₁₄	16.5	X	29.55407	61.36747	82.78364	10.41632	0.0295504	0.23759175	2.5817557	20	2 23.9	19.9
263742 2008 JF ₁₈	16.6	X	265.05203	90.85535	107.88952	7.32126	0.0383875	0.21563844	2.7541352	20	—	—
263743 2008 JE ₂₀	15.7	X	80.65707	102.64084	133.56389	18.30467	0.1736876	0.18132711	3.0914405	20	9 22.8	20.5
263744 2008 JX ₂₁	16.1	X	27.62361	110.76568	46.01639	14.02864	0.1301738	0.23745181	2.5827700	20	3 15.5	19.0
263745 2008 JG ₂₂	15.7	X	221.04850	323.78049	278.83091	14.22117	0.1800254	0.21823656	2.7322329	20	—	—
263746 2008 JE ₂₃	15.5	X	155.22373	293.13863	205.14002	18.15535	0.2731577	0.18506135	3.0497125	20	7 29.1	21.3
263747 2008 JS ₂₅	15.7	X	90.80381	45.23574	116.71123	13.61410	0.0939703	0.17070449	3.2183956	20	6 18.4	20.4
263748 2008 JB ₂₆	16.8	X	90.34478	354.57887	235.34657	5.83346	0.1245776	0.26548350	2.3976053	20	9 23.0	20.3
263749 2008 JF ₂₆	16.6	X	85.96030	168.09144	78.41204	6.89119	0.1288786	0.26796176	2.3827995	20	10 16.6	20.0
263750 2008 JQ ₂₈	16.0	X	9.24340	171.54305	140.08084	4.56871	0.1389161	0.17928008	3.1149281	20	9 11.6	19.6
263751 2008 JT ₂₈	17.0	X	31.61884	22.41710	174.91962	5.57017	0.0268666	0.24397034	2.5365574	20	5 5.6	20.1
263752 2008 JS ₃₀	15.3	X	350.84631	198.07338	109.79436	14.26941	0.1056662	0.17449236	3.1716489	20	8 3.5	19.2
263753 2008 JM ₃₄	15.4	X	87.09723	189.47847	127.68560	11.12442	0.0787261	0.19907581	2.9048500	20	12 24.2	19.8
263754 2008 JS ₃₄	15.9	X	350.58859	330.90								

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
263761 2008 <i>KT</i> ₉	16.3	X	168.22335	73.56975	93.78651	4.41001	0.0306276	0.18711726	3.0273327	20	9 20.8	20.6
263762 2008 <i>KH</i> ₁₁	16.2	X	218.63990	333.57974	186.02488	11.46852	0.1001466	0.19834965	2.9119356	20	11 2.7	20.5
263763 2008 <i>KV</i> ₁₁	16.1	X	352.75447	354.93046	213.17108	4.59851	0.1819126	0.23795056	2.5791597	20	3 8.2	18.7
263764 2008 <i>KE</i> ₁₂	16.8	X	295.77551	222.30825	64.43210	5.19767	0.1121687	0.24086945	2.5582810	20	4 8.4	20.1
263765 2008 <i>KQ</i> ₁₄	15.3	X	18.59236	195.32959	95.95610	19.24068	0.1957442	0.17662935	3.1460151	20	9 15.0	19.4
263766 2008 <i>KZ</i> ₁₅	16.4	X	282.49731	187.11297	110.45409	14.48552	0.0965833	0.23903151	2.5713781	20	4 13.2	20.2
263767 2008 <i>KP</i> ₁₆	15.8	X	77.48597	98.73092	178.07797	11.15827	0.0887710	0.18817566	3.0159705	20	10 26.8	20.2
263768 2008 <i>KR</i> ₁₆	15.8	X	311.52373	206.45977	153.67776	11.18100	0.0352612	0.17875286	3.1210500	20	8 14.9	20.0
263769 2008 <i>KN</i> ₂₅	16.8	X	56.87252	22.77297	73.91199	13.84582	0.1438360	0.23192857	2.6236137	20	2 11.5	19.9
263770 2008 <i>KP</i> ₂₈	16.2	X	239.88316	241.57475	182.68182	10.37351	0.0331757	0.18077747	3.0977035	20	8 2.4	20.7
263771 2008 <i>KY</i> ₂₈	15.7	X	118.22824	228.78537	123.86350	21.61098	0.1729069	0.21009018	2.8024135	20	—	—
263772 2008 <i>KE</i> ₃₄	15.7	X	47.68938	193.83988	113.20579	11.90429	0.2074223	0.17687291	3.1431263	20	11 13.7	20.3
263773 2008 <i>KW</i> ₃₆	15.8	X	212.95176	293.17506	169.82699	9.80325	0.0532772	0.18089597	3.0963505	20	8 17.5	20.4
263774 2008 <i>KS</i> ₃₇	16.1	X	334.09694	211.31956	140.23418	10.11671	0.0238770	0.18395644	3.0619121	20	9 7.4	20.3
263775 2008 <i>KK</i> ₄₀	15.5	X	33.13181	194.37135	100.36140	6.20585	0.1475654	0.17986211	3.1082045	20	9 30.9	19.5
263776 2008 <i>LZ</i>	16.4	X	50.56070	142.74219	136.64985	3.39831	0.1154540	0.18400017	3.0614270	20	9 29.4	20.5
263777 2008 <i>LN</i> ₂	16.4	X	177.04666	304.60973	81.38949	14.93276	0.0408874	0.24003618	2.5641981	20	4 7.6	20.3
263778 2008 <i>LP</i> ₂	16.7	X	106.55855	293.16253	103.84287	6.82345	0.0968027	0.22643428	2.6658841	20	1 27.8	20.2
263779 2008 <i>LB</i> ₃	15.7	X	69.22206	28.74293	284.11437	9.96860	0.0934300	0.18538234	3.0461911	20	11 26.9	20.3
263780 2008 <i>LN</i> ₄	14.7	X	294.71849	142.51839	208.95908	20.79480	0.0755718	0.17033603	3.2230351	20	7 2.9	19.5
263781 2008 <i>LT</i> ₅	16.3	X	264.98808	198.26831	83.64473	8.75639	0.1874414	0.23327437	2.6135132	20	2 18.5	20.5
263782 2008 <i>LH</i> ₆	15.7	X	356.54726	295.97372	76.83764	12.38820	0.0916116	0.19234082	2.9722711	20	11 10.9	19.5
263783 2008 <i>LE</i> ₉	16.9	X	159.81463	42.56501	105.07504	10.98457	0.1599236	0.26474290	2.4020746	20	8 24.9	20.8
263784 2008 <i>LS</i> ₁₀	17.0	X	271.28046	161.12101	126.45180	2.92930	0.0380886	0.23542077	2.5976035	20	3 18.9	20.5
263785 2008 <i>LB</i> ₁₁	17.1	X	259.44114	340.60679	149.24870	2.93863	0.1218259	0.28214686	2.3022505	20	12 2.6	19.4
263786 2008 <i>LS</i> ₁₃	16.5	X	88.28511	285.16193	145.67545	12.87830	0.1767496	0.22630696	2.6668839	20	2 28.4	19.8
263787 2008 <i>LM</i> ₁₆	15.3	X	327.77462	263.60288	71.53932	16.92663	0.1221436	0.17807790	3.1289313	20	8 3.9	19.4
263788 2008 <i>MG</i> ₄	15.5	X	8.39334	103.33715	303.32411	8.50122	0.0522959	0.18961933	3.0006429	20	—	—
263789 2008 <i>MA</i> ₅	15.4	X	212.35489	48.71499	280.32300	28.17121	0.1774420	0.23092063	2.6312426	20	2 12.0	20.3
263790 2008 <i>PG</i> ₂₂	15.7	X	242.75464	320.06360	318.31116	12.71520	0.1810007	0.21159429	2.7891172	20	1 26.1	20.2
263791 2008 <i>QY</i> ₃	16.2	X	301.56746	129.17560	138.43095	7.22646	0.1207113	0.22489227	2.6780562	20	3 21.9	19.8
263792 2008 <i>QX</i> ₅	12.6	X	274.38958	151.89557	282.15191	20.44783	0.0605100	0.08085160	5.2967603	20	9 2.2	19.8
263793 2008 <i>QE</i> ₃₇	15.0	X	77.26629	151.15889	322.32959	2.58585	0.2003814	0.12630850	3.9341205	20	4 17.1	20.4
263794 2008 <i>QQ</i> ₃₇	13.5	X	5.48404	352.67088	0.87287	5.86198	0.0508040	0.08577487	5.0920891	20	10 4.1	20.1
263795 2008 <i>QP</i> ₄₁	13.8	X	281.96890	268.21319	168.08628	1.55789	0.1012296	0.08238416	5.2308656	20	9 19.0	20.4
263796 2008 <i>QP</i> ₄₂	13.5	X	148.60355	9.86602	206.68815	7.83357	0.0474256	0.08443495	5.1458194	20	10 10.9	20.5
263797 2008 <i>RK</i> ₂	13.2	X	332.95922	180.41660	206.25401	6.76834	0.0927786	0.08303233	5.2036081	20	9 28.2	19.6
263798 2008 <i>RE</i> ₅	16.2	X	318.33798	20.75398	42.64727	1.07768	0.1743036	0.17046964	3.2213508	20	11 4.4	19.8
263799 2008 <i>RA</i> ₁₀	13.4	X	349.50409	137.34098	230.35783	5.60484	0.0394759	0.08051550	5.3114900	20	9 28.2	20.2
263800 2008 <i>RQ</i> ₁₆	14.0	X	7.29538	119.26925	230.15567	4.96440	0.0241918	0.08278635	5.2139105	20	9 30.1	20.8
263801 2008 <i>RU</i> ₁₆	13.4	X	340.43485	163.92601	223.13653	6.28692	0.0401358	0.08440772	5.1469261	20	10 10.1	20.0
263802 2008 <i>RG</i> ₁₉	13.3	X	281.93347	102.37167	335.26684	7.68281	0.0199487	0.08283641	5.2118095	20	9 28.4	20.1
263803 2008 <i>RK</i> ₂₇	13.0	X	334.36956	129.55663	259.02549	7.27762	0.0587571	0.08352286	5.1832142	20	10 1.6	19.7
263804 2008 <i>RD</i> ₃₁	13.1	X	285.50471	249.64578	176.66105	6.40523	0.0921169	0.08084488	5.2970535	20	9 12.5	19.9
263805 2008 <i>RP</i> ₃₁	13.7	X	259.18798	284.32517	179.46749	11.53050	0.1215497	0.08219526	5.2388771	20	9 21.3	20.6
263806 2008 <i>RW</i> ₃₇	13.4	X	313.33930	229.34812	174.75191	1.07020	0.0676660	0.08180607	5.2554799	20	9 24.9	20.1
263807 2008 <i>RJ</i> ₄₅	14.0	X	239.99350	94.20256	25.33475	3.82356	0.0311078	0.08146394	5.2701840	20	9 29.7	20.9
263808 2008 <i>RQ</i> ₅₄	14.0	X	281.05194	193.14359	232.13986	5.28161	0.0331438	0.08394074	5.1659976	20	9 12.2	20.8
263809 2008 <i>RS</i> ₅₅	13.4	X	307.78593	140.04796	260.27604	5.20688	0.1446857	0.08192291	5.2504816	20	9 2.9	19.9
263810 2008 <i>RD</i> ₅₆	13.9	X	272.42547	204.07954	244.16771	4.91888	0.1264178	0.08412826	5.1583178	20	9 16.0	20.8
263811 2008 <i>RV</i> ₉₉	14.0	X	113.31127	104.77416	139.47887	2.18378	0.0114168	0.08229873	5.2344850	20	10 2.6	20.9
263812 2008 <i>RU</i> ₁₂₁	14.2	X	319.48791	193.06197	200.45923	9.67936	0.0652005	0.08457757	5.1400332	20	9 19.8	20.7
263813 2008 <i>RD</i> ₁₂₂	15.3	X	112.04531	318.51917	99.44713	1.49058	0.0595305	0.12293822	4.0056972	20	3 7.1	21.0
263814 2008 <i>RS</i> ₁₂₂	12.9	X	310.28674	253.75379	159.56563	10.75522	0.0319243	0.08227915	5.2353155	20	10 6.9	19.7
263815 2008 <i>RH</i> ₁₂₅	13.7	X	339.89134	35.01056	342.24511	6.38171	0.0530129	0.08417079	5.1565802	20	9 27.8	20.4
263816 2008 <i>RV</i> ₁₂₅	13.2	X	340.69335	165.68981	215.92736	7.30686	0.1258238	0.08441575	5.1465997	20	10 2.0	19.4
263817 2008 <i>RJ</i> ₁₂₆	13.9	X	37.04623	315.00785	13.28085	4.43498	0.0210985	0.08355400	5.1819263	20	10 11.3	20.6
263818 2008 <i>RX</i> ₁₂₆	13.3	X	256.04889	272.26920	196.30335	10.98751	0.1078065	0.08465486	5.1369039	20	9 24.3	20.3
263819 2008 <i>RR</i> ₁₂₈	13.6	X	328.58301	59.32525	321.20830	2.76953	0.0335002	0.07906045	5.3764611	20	9 18.3	20.4
263820 2008 <i>RF</i> ₁₄₀	15.0	X	294.63073	140.20989	352.70046	16.38272	0.0768054	0.18096299	3.0955860	20	—	—
263821 2008 <i>SX</i> ₄₁	13.8	X	263.45468	76.60479	16.85225	1.99631	0.0902501	0.08165516	5.2619530	20	9 18.7	20.6
263822 2008 <i>SO</i> ₄₉	13.7	X	354.99184	160.79179	195.12203	7.03903	0.0414628	0.08106673	5.2873852	20	9 22.8	20.5
263823 2008 <i>SD</i> ₇₈	13.7	X	262.54868	228.00906	223.93133	2.83661	0.0606638	0.07959119	5.3525335	20	9 18.2	20.7
263824 2008 <i>SP</i> ₁₅₅	15.4	X	57.13573	308.87653	44.66281	10.33299	0.0977015	0.17824368	3.1269909	20	12 31.6	20.0
263825 2008 <i>SM</i> ₁₇₂	12.6	X	297.42120	139.98295	278.25008	21.16243	0.1273309	0.08333771	5.1908882	20	9 3.1	19.5
263826 2008 <i>SA</i> ₁₈₀	13.3	X	330.03956	5.89445	49.81441	5.05815	0.0786015	0.08280128	5.2132837	20	10 29.0	19.7
263827 2008 <i>SR</i> ₁₉₀	13.6	X	227.86216	242.69591	250.35060	4.82862	0.0358795	0.08157506	5.2653970	20	9 28.5	20.6
263828 2008 <i>SG</i> ₁₉₁	13.3	X	328.22423	170.00750	225.55462	7.21035	0.0618895	0.08233800	5.2328204	20	10 2.8	20.0
263829 2008 <i>SL</i> ₂₂₂	13.7	X	18.26018	131.06358	219.80586	6.76841	0.0368009	0.08527132	5.1121165	20	10 15.6	20.4
263830 2008 <i>SK</i> ₂₂₇	13.4	X	290.56317	208.85795	225.70635	8.83872	0.0903921	0.08186616	5.2529077	20	9 26.1	20.3
263831 2008 <i>SR</i> ₂₅₄	12.8	X	359.75192	97.66121	269.21542	12.05199						

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Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
263841 2008 XM ₃₀	15.7	X	89.88911	266.50380	324.54305	8.97701	0.1461620	0.21171522	2.7880550	20	9 18.9	19.9
263842 2008 YS ₁₅₈	16.9	X	137.60051	103.97638	132.74486	14.36382	0.2801879	0.22530561	2.6747799	20	11 20.6	22.0
263843 2008 YT ₁₆₀	16.6	X	30.62538	355.19670	9.64474	4.81990	0.0121279	0.22712624	2.6604668	20	12 12.8	20.2
263844 Johnfarrell	16.4	X	133.09635	159.43235	11.00250	8.80584	0.1171497	0.21643736	2.7473537	20	8 22.9	20.7
263845 2009 BM ₁₀	17.2	X	87.58068	323.36269	153.60816	24.82522	0.0973513	0.36397972	1.9427545	20	4 11.3	19.5
263846 2009 BP ₁₃	17.4	X	36.61262	249.82545	309.46629	19.21788	0.0330908	0.37509863	1.9041701	20	4 29.7	19.8
263847 2009 BS ₃₀	17.8	X	63.46022	269.04693	328.05270	5.01661	0.1728760	0.29749359	2.2223765	20	9 12.4	20.5
263848 2009 BF ₄₄	17.1	X	344.42797	51.23517	151.54146	1.66438	0.1261836	0.26883999	2.3776073	20	2 17.8	19.6
263849 2009 BL ₈₃	16.8	X	314.62358	89.85387	113.62207	5.46653	0.1452165	0.26124722	2.4234548	20	1 3.9	19.7
263850 2009 BO ₈₄	17.8	X	15.97481	332.23805	265.33625	1.09903	0.1316279	0.28723129	2.2750008	20	6 14.9	19.6
263851 2009 BT ₁₁₂	17.1	X	326.04489	175.88113	27.98337	2.55789	0.1530627	0.25912765	2.4366522	20	1 19.8	20.1
263852 2009 BV ₁₂₁	16.9	X	80.54509	271.85065	318.36780	6.50970	0.1507252	0.29768312	2.2214331	20	9 19.2	19.9
263853 2009 BC ₁₂₄	17.3	X	1.74962	91.51318	151.25499	8.22340	0.1242091	0.28173734	2.3044809	20	5 25.7	19.5
263854 2009 BP ₁₂₆	17.5	X	341.40428	236.16076	328.54500	3.56520	0.1401025	0.26894648	2.3769797	20	2 13.6	19.8
263855 2009 BS ₁₄₅	18.7	X	86.33327	234.68610	38.88704	1.84055	0.1224668	0.31175500	2.1540731	20	11 25.1	21.7
263856 2009 BX ₁₄₆	17.1	X	221.41887	270.84919	268.95416	2.98969	0.1250617	0.23235751	2.6203838	20	12 2.3	20.7
263857 2009 BF ₁₄₉	17.7	X	2.50791	178.29149	96.47552	3.33907	0.1394854	0.29138002	2.2533546	20	7 20.3	19.2
263858 2009 BJ ₁₇₁	16.8	X	256.72295	270.85848	347.50074	4.76943	0.1472560	0.25956947	2.4338865	20	1 10.7	20.6
263859 2009 BX ₁₇₈	17.3	X	324.39421	337.13627	260.86071	1.28641	0.1416935	0.26580110	2.3956950	20	3 3.6	19.8
263860 2009 CD ₁₁	17.5	X	353.68744	33.45213	194.12783	5.24530	0.1017384	0.27701956	2.3305714	20	4 13.9	19.6
263861 2009 CN ₃₀	17.1	X	308.71136	150.66054	139.09876	12.59805	0.2072867	0.27812326	2.3244017	20	4 16.4	19.9
263862 2009 DQ ₂	16.8	X	310.06198	117.53810	113.98352	7.22044	0.0828521	0.26474295	2.4020743	20	2 14.6	19.7
263863 2009 DV ₃	16.8	X	150.50170	122.83404	76.00611	3.92159	0.2355575	0.21881147	2.7274449	20	10 13.5	21.6
263864 2009 DD ₁₆	17.4	X	58.84703	270.15052	327.29134	6.20644	0.0562608	0.29629464	2.2283677	20	8 19.4	19.6
263865 2009 DY ₂₃	16.7	X	171.00732	99.00998	133.37718	8.86569	0.2869369	0.22578946	2.6709572	20	12 5.3	21.6
263866 2009 DF ₃₃	17.2	X	299.30339	228.08567	29.21152	4.37840	0.1561036	0.26318195	2.4115632	20	2 24.3	20.3
263867 2009 DN ₃₃	16.0	X	296.76725	245.50165	35.86943	5.50446	0.1469004	0.18058332	3.0999233	20	4 1.2	20.1
263868 2009 DN ₄₀	17.7	X	157.17673	258.83605	154.95942	24.07999	0.0945945	0.36649819	1.9338443	20	4 14.2	20.4
263869 2009 DY ₄₁	17.2	X	334.37657	234.52108	338.06287	6.34024	0.0655459	0.26716405	2.3875403	20	2 24.6	19.8
263870 2009 DE ₄₅	16.1	X	272.09289	229.76222	8.26531	14.67998	0.0597625	0.25523342	2.4613745	20	1 12.9	19.8
263871 2009 DP ₄₇	16.9	X	108.06059	71.98440	157.78574	7.97441	0.2178308	0.21339040	2.7734444	20	10 16.3	21.6
263872 2009 DA ₅₀	17.8	X	48.58872	177.76641	103.03236	1.55955	0.2458337	0.29255782	2.2473027	20	11 4.6	20.8
263873 2009 DT ₇₅	17.7	X	273.22922	285.89455	341.05609	3.23088	0.2365957	0.26535885	2.3983561	20	1 28.5	21.5
263874 2009 DQ ₉₆	16.0	X	235.68134	188.69884	61.03292	11.36061	0.1914915	0.23962844	2.5671060	20	—	—
263875 2009 DD ₁₀₅	16.2	X	129.27863	256.93069	8.89061	11.16499	0.1675325	0.22304000	2.6928627	20	12 11.1	20.8
263876 2009 DB ₁₂₅	17.0	X	186.84081	104.21165	166.36953	7.40042	0.0845991	0.24126139	2.5555095	20	—	—
263877 2009 DO ₁₂₅	17.8	X	8.90649	260.16512	13.78983	3.74857	0.1066428	0.28485358	2.2876430	20	7 29.9	20.0
263878 2009 DX ₁₃₈	15.6	X	67.53365	321.53119	255.69969	11.05627	0.1521539	0.19979247	2.8978994	20	8 4.2	19.8
263879 2009 DG ₁₃₉	17.5	X	315.28438	204.49107	75.11825	2.43921	0.1803745	0.27244321	2.3565974	20	4 12.8	19.8
263880 2009 EW ₅	17.9	X	24.48832	124.28364	168.02087	4.39634	0.1625018	0.29365350	2.2417091	20	10 6.1	20.1
263881 2009 ES ₁₀	17.0	X	23.02163	152.73570	15.21338	6.60218	0.0489987	0.26723622	2.3871104	20	3 11.3	19.7
263882 2009 EW ₂₀	17.0	X	16.81648	6.22724	187.01875	8.27737	0.0510601	0.27046375	2.3680816	20	4 5.2	19.5
263883 2009 EJ ₂₃	17.1	X	7.64120	343.29894	228.00601	3.19642	0.1916899	0.27136168	2.3628548	20	4 12.1	18.5
263884 2009 EC ₂₆	18.4	X	181.57088	326.63517	228.64732	2.93801	0.0860081	0.31158986	2.1548341	20	11 27.4	20.8
263885 2009 EZ ₂₆	17.5	X	311.93614	267.73853	18.26928	2.23685	0.0740138	0.27585728	2.3371132	20	5 2.7	19.9
263886 2009 EU ₂₇	16.4	X	350.44321	219.90696	151.46426	12.77937	0.1289571	0.20663293	2.8335858	20	11 7.4	19.9
263887 2009 FU	17.2	X	5.58732	223.73010	356.36816	5.09803	0.1376684	0.27330094	2.3516642	20	4 22.1	19.1
263888 2009 FT ₁	15.1	X	348.71341	126.18801	124.07465	7.80841	0.2350891	0.18427832	3.0583455	20	5 7.4	18.2
263889 2009 FB ₃	15.9	X	312.74265	96.08551	164.08697	11.06217	0.1631157	0.18018053	3.1045415	20	3 24.9	19.9
263890 2009 FX ₁₃	16.9	X	104.82048	83.12724	174.21808	9.21065	0.1668019	0.21759791	2.7375763	20	11 12.5	21.4
263891 2009 FY ₁₃	16.6	X	281.62844	220.78686	54.51587	8.08037	0.0874115	0.26324929	2.4111519	20	3 9.4	19.9
263892 2009 FZ ₁₃	16.6	X	356.64563	235.89434	83.82880	7.42426	0.2109143	0.28966892	2.2622619	20	10 6.9	18.4
263893 2009 FD ₁₄	17.4	X	55.42817	274.45388	181.68466	23.56392	0.1515358	0.34797135	2.0018908	20	—	—
263894 2009 FF ₁₇	16.5	X	176.19004	71.73376	158.09274	12.80887	0.1215334	0.22980762	2.6397316	20	12 16.2	20.8
263895 2009 FK ₁₈	16.3	X	240.06465	242.86384	351.94407	14.85720	0.0814413	0.24555009	2.5256664	20	—	—
263896 2009 FU ₁₈	17.0	X	18.08485	166.81682	29.82221	5.42077	0.1835256	0.27019963	2.3696246	20	4 14.9	18.6
263897 2009 FO ₁₉	17.5	X	6.18574	209.37053	337.90897	3.92984	0.0549264	0.26818425	2.3814815	20	3 9.5	20.2
263898 2009 FM ₂₁	17.4	X	50.36890	172.47620	37.18819	6.27057	0.1117675	0.28151921	2.3056711	20	7 3.4	19.9
263899 2009 FR ₂₂	16.5	X	194.51927	230.28691	33.87849	11.33090	0.0970002	0.23729154	2.5839328	20	—	—
263900 2009 FY ₂₃	16.8	X	202.59328	151.89696	54.18495	5.54203	0.2262044	0.22973914	2.6402561	20	12 2.4	21.0
263901 2009 FF ₂₅	16.3	X	124.96319	225.67623	335.72383	1.19801	0.1405386	0.21087979	2.7954136	20	9 19.8	20.6
263902 2009 FS ₃₄	17.2	X	346.82815	136.45611	152.25847	6.62242	0.1294332	0.28153106	2.3056064	20	7 6.5	19.2
263903 2009 FQ ₃₅	16.8	X	15.62480	284.01619	55.83240	5.41046	0.2798543	0.30355155	2.1927094	20	12 21.1	19.3
263904 2009 FA ₃₇	16.6	X	162.70700	219.63228	43.49378	10.47623	0.2017921	0.22890480	2.6466679	20	—	—
263905 2009 FC ₃₈	17.9	X	46.54348	45.10021	206.02129	4.77433	0.1436740	0.29093045	2.2556754	20	9 2.7	20.4
263906 Yuanfengfang	17.5	X	69.99452	275.89273	4.81384	4.60191	0.1822085	0.30036485	2.2081910	20	11 19.3	20.6
263907 2009 FP ₄₆	17.2	X	82.31586	151.17680	102.32425	4.00509	0.1194053	0.29501589	2.2348023	20	10 23.8	20.2
263908 2009 FV ₄₆	17.2	X	103.30020	236.08710	4.01264	4.59098	0.1798718	0.29592131	2.2302415	20	10 29.6	20.5
263909 2009 FC ₄₈	16.3	X	185.04075	6.39442	238.70446	6.95603	0.1135964	0.22922438	2.6442074	20	—	—
263910 2009 FZ ₅₁	17.1	X	150.17822	265.35277	36.07128	11.72432	0.1897261	0.23550323	2.5969971	20	—	—
263911 2009 FS ₆₁	16.3	X	317.69618	329.58097	306.63827	1.33901	0.1757373	0.17937011	3.1138857	20	4 17.9	20.2
263912 2009 FA ₆₄	17.0	X	207.81413	230.54981	35.10588	14.82068	0.1256741	0.23956254	2.5675768	20	—	—
263913 2009 FL ₆₄	17.3	X	114.20009	123.20610	197.32068	1.21696	0.0628375	0.23198998	2.6231506	20	—	—
263914 2009 FZ ₆₅	16.4	X	312									

ELEMENTS AND OPPOSITION DATES IN 2020

ECLIPTIC AND EQUINOX 2000.0, EPOCH 2020 MAY 31.0 TT

Planet	<i>H</i>	<i>G</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	μ	<i>a</i>	TE	Oppos.	<i>V</i>
263921 2009 GN ₃	15.1	X	350.69097	32.19091	175.12891	13.78012	0.0995835	0.17673640	3.1447446	20	3 21.7	19.1
263922 2009 HQ	17.2	X	336.26522	208.11247	52.48671	2.96748	0.1823279	0.26990662	2.3713393	20	4 22.6	19.0
263923 2009 HR ₁	17.6	X	16.22681	229.94320	52.20150	4.05994	0.2399113	0.28253992	2.3001147	20	9 18.4	19.5
263924 2009 HT ₅	17.4	X	222.86312	58.64216	185.46802	9.53928	0.0736807	0.24172934	2.5522104	20	—	—
263925 2009 HW ₁₈	16.8	X	112.01242	96.22121	184.12204	9.30438	0.1878111	0.21437337	2.7649598	20	12 14.5	21.5
263926 2009 HE ₂₀	16.8	X	304.83749	174.72281	61.20010	11.80676	0.1905843	0.25771277	2.4455624	20	1 31.4	20.3
263927 2009 HD ₂₈	17.7	X	348.43889	60.87150	211.21719	1.79952	0.2167403	0.27325088	2.3519514	20	6 7.9	19.1
263928 2009 HP ₃₆	16.3	X	344.95883	167.91920	114.84736	3.18671	0.2242582	0.18633572	3.0357918	20	6 13.7	19.1
263929 2009 HK ₃₇	16.2	X	159.19447	186.21742	53.84571	5.78047	0.0461498	0.22231627	2.6987038	20	12 12.3	20.1
263930 2009 HA ₄₂	15.7	X	5.23608	79.21152	92.30816	5.89199	0.0633872	0.16941345	3.2347257	20	3 2.9	20.0
263931 2009 HO ₄₂	16.4	X	38.37495	196.10798	154.34298	6.54949	0.0434846	0.21909280	2.7251096	20	12 8.4	20.1
263932 Speyer	16.9	X	136.34163	257.78910	31.82701	12.94392	0.2611963	0.22272534	2.6953984	20	—	—
263933 2009 HM ₄₅	17.3	X	111.74741	204.00807	66.58945	5.08862	0.1788590	0.30419916	2.1895963	20	12 17.0	20.5
263934 2009 HF ₄₈	16.9	X	92.06696	166.31902	161.68964	12.69443	0.2456595	0.21951922	2.7215794	20	—	—
263935 2009 HG ₅₃	17.7	X	109.72061	77.88761	192.19571	4.84929	0.1552425	0.30535992	2.1840439	20	12 14.8	21.1
263936 2009 HW ₅₃	16.4	X	163.50679	107.03834	109.72478	12.10289	0.1493094	0.21710901	2.7416845	20	11 17.5	21.0
263937 2009 HP ₅₄	17.7	X	27.93481	190.08587	119.74614	7.54549	0.1941081	0.28838780	2.2689145	20	11 12.1	20.4
263938 2009 HR ₅₄	17.3	X	306.31409	148.32587	152.19491	6.88500	0.1335257	0.26752759	2.3853768	20	5 8.9	20.1
263939 2009 HR ₅₇	16.6	X	208.77886	341.63049	213.09832	8.20298	0.2301243	0.22550772	2.6731815	20	11 24.5	20.9
263940 Malayshkina	17.2	X	53.76049	234.97033	69.00734	7.50518	0.1921473	0.29850780	2.2173399	20	12 4.4	20.3
263941 2009 HK ₆₅	16.2	X	96.15884	191.15266	124.78919	9.81112	0.1123294	0.22129493	2.7070009	20	—	—
263942 2009 HZ ₆₉	17.0	X	55.50335	288.05840	32.18291	3.93966	0.0878828	0.21416991	2.7667107	20	11 25.6	20.9
263943 2009 HY ₇₄	16.3	X	194.07937	215.66225	52.85313	4.78013	0.0601705	0.23558515	2.5963950	20	—	—
263944 2009 HD ₈₀	17.1	X	25.22396	185.29903	100.04472	4.17876	0.1319822	0.28842077	2.2687415	20	9 21.9	19.4
263945 2009 HK ₈₀	16.4	X	69.79457	203.83447	103.22899	3.96057	0.0741232	0.21820559	2.7324914	20	11 26.4	20.3
263946 2009 HZ ₈₆	16.7	X	6.09942	188.77434	161.30696	6.32504	0.0089311	0.21530684	2.7569624	20	10 22.8	20.4
263947 2009 HL ₈₈	16.2	X	119.78257	85.09974	199.50456	16.26520	0.2417414	0.21736882	2.7394994	20	12 25.8	21.3
263948 2009 HV ₈₈	16.7	X	207.23135	176.89727	50.81881	4.33351	0.2058293	0.23024407	2.6363946	20	—	—
263949 2009 HQ ₈₉	16.2	X	119.84719	222.65800	68.97831	17.74501	0.2568896	0.21781066	2.7357934	20	—	—
263950 2009 HB ₉₄	16.1	X	177.83063	324.00804	234.61757	18.24412	0.1802183	0.21571544	2.7534798	20	11 2.6	20.7
263951 2009 HJ ₉₄	16.3	X	100.15083	124.12566	147.04310	8.82402	0.1759691	0.21137847	2.7910153	20	11 24.4	20.9
263952 2009 HA ₁₀₂	16.4	X	135.60276	150.72128	110.08949	8.16272	0.1001907	0.21711224	2.7416573	20	12 11.5	20.6
263953 2009 HB ₁₀₂	16.0	X	305.71697	158.51495	130.23645	6.25345	0.1824919	0.17473630	3.1686963	20	4 19.1	20.2
263954 2009 HD ₁₀₂	17.1	X	122.33130	169.13188	163.11942	10.48330	0.0963207	0.22966256	2.6408430	20	—	—
263955 2009 HO ₁₀₂	16.2	X	321.27841	135.19855	168.03205	5.61017	0.1114088	0.18386395	3.0629388	20	6 8.6	20.1
263956 2009 HG ₁₀₃	16.2	X	32.05257	216.10136	209.53390	13.10786	0.2348861	0.23621008	2.5918136	20	—	—
263957 2009 HK ₁₀₃	15.7	X	171.53799	207.87677	212.11306	8.92885	0.0840411	0.17837671	3.1254360	20	5 10.8	20.6
263958 2009 HU ₁₀₄	16.9	X	223.78573	325.69298	85.85437	6.95613	0.1177794	0.27937120	2.3174745	20	6 23.8	20.0
263959 2009 JJ	15.4	X	353.17295	35.98350	220.62524	15.04647	0.2044393	0.18091699	3.0961107	20	5 26.2	18.6
263960 2009 JO	15.5	X	3.46282	177.38706	61.08611	9.69440	0.1692996	0.17990435	3.1077180	20	5 22.0	18.6
263961 2009 JR ₁	16.9	X	197.17730	193.91883	65.21077	5.86052	0.1942127	0.23273560	2.6175451	20	—	—
263962 2009 JA ₄	15.9	X	323.18359	194.59607	129.74938	9.54354	0.0893769	0.18971064	2.9996800	20	7 11.9	19.6
263963 2009 JL ₄	16.3	X	212.61236	82.26305	230.32562	0.92973	0.2754061	0.24162213	2.5529653	20	2 4.6	20.8
263964 2009 JU ₆	17.2	X	45.70170	103.97459	96.30390	10.28744	0.0458996	0.27218733	2.3580741	20	6 1.7	19.9
263965 2009 JP ₇	17.7	X	50.35643	56.23307	219.93444	2.35380	0.1589325	0.28795311	2.2711973	20	10 17.6	20.6
263966 2009 JK ₈	16.2	X	45.89512	236.44556	117.09964	7.27835	0.0543799	0.21895902	2.7262196	20	12 22.5	19.9
263967 2009 JU ₈	16.4	X	162.41766	201.97916	102.89905	9.54254	0.0539792	0.23507891	2.6001213	20	—	—
263968 2009 JF ₁₂	15.7	X	79.18728	5.65543	97.61136	6.51805	0.0858650	0.16851367	3.2462301	20	3 23.6	20.2
263969 2009 JD ₁₃	16.5	X	19.78735	126.45684	123.00124	2.66155	0.1249876	0.18830642	3.0145741	20	7 4.9	20.0
263970 2009 JQ ₁₇	17.1	X	142.08615	85.85375	211.82187	12.01580	0.1313703	0.22438715	2.6820738	20	—	—
263971 2009 KB ₁	16.1	X	344.56425	71.22189	202.12123	15.30371	0.2617620	0.17962309	3.1109613	20	5 27.2	19.2
263972 2009 KC ₁	16.2	X	91.89041	49.74066	181.48999	12.13531	0.1281781	0.19985611	2.8972842	20	9 20.6	20.4
263973 2009 KL ₁	15.4	X	132.93540	276.77941	62.58054	26.89604	0.2759766	0.22906469	2.6454362	20	1 7.7	19.9
263974 2009 KG ₂	16.3	X	233.83550	191.03276	106.62174	5.99826	0.2592641	0.24436624	2.5338170	20	2 3.4	20.7
263975 2009 KY ₂	17.1	X	37.97585	117.76889	80.00815	23.93633	0.0451787	0.35969627	1.9581476	20	5 19.7	19.0
263976 2009 KD ₅	18.4	X	353.15896	294.34007	104.50585	13.47391	0.2613739	0.92119367	1.0460893	20	—	—
263977 2009 KH ₇	17.3	X	354.04361	203.45612	65.98874	6.21521	0.2096500	0.27165610	2.3611473	20	6 19.3	18.8
263978 2009 KY ₇	17.4	X	40.82941	29.55728	175.04559	3.16133	0.1522211	0.27322157	2.3521196	20	6 10.3	19.7
263979 2009 KE ₈	16.2	X	222.24592	155.24628	95.93693	14.48451	0.1880363	0.22907767	2.6453362	20	—	—
263980 2009 KV ₁₀	16.8	X	112.36637	203.13111	149.70433	13.02014	0.1671013	0.23058845	2.6337690	20	—	—
263981 2009 KX ₁₆	17.1	X	220.42349	277.79216	99.73159	5.85528	0.2447813	0.26424950	2.4050638	20	4 29.9	21.3
263982 2009 KR ₁₇	15.9	X	274.31006	270.06179	108.80540	11.74277	0.1420503	0.19133902	2.9826366	20	7 5.5	20.0
263983 2009 KD ₂₂	17.5	X	62.65794	115.57044	113.28790	2.81585	0.0893028	0.28275619	2.2989417	20	8 17.0	20.2
263984 2009 KP ₂₂	17.8	X	359.89828	87.80400	190.32331	4.97067	0.2191471	0.27537366	2.3398488	20	7 22.7	19.3
263985 2009 KX ₂₂	16.2	X	216.69000	139.93669	117.42878	8.12780	0.1685609	0.23451583	2.6042816	20	—	—
263986 2009 KO ₂₅	16.0	X	292.55097	211.40843	117.59256	6.39660	0.1965359	0.17732876	3.1377375	20	5 19.2	20.3
263987 2009 KR ₂₈	15.9	X	292.25755	239.19028	100.66705	11.90108	0.2026222	0.17973841	3.1096305	20	5 31.9	20.1
263988 2009 LJ ₁	17.0	X	20.83220	29.47801	204.34689	8.20309	0.1765115	0.27217422	2.3581498	20	6 23.4	19.1
263989 2009 LP ₁	16.6	X	166.57746	106.97228	200.10821	9.61268	0.1068182	0.23175507	2.6249229	20	—	—
263990 2009 LX ₄	15.8	X	221.22154	203.43617	169.08245	9.78397	0.0985669	0.17521740	3.1628934	20	5 5.5	20.7
263991 2009 MZ	14.6	X	7.56430	126.13628	217.21996	16.95881	0.3270528	0.19233235	2.9723583	20	11 20.1	17.7
263992 2009 ME ₅	16.1	X	240.73681	233.74082	124.52124	6.81135	0.1237895	0.25344875	2.4729155	20	5 4.2	19.7
263993 2009 MT ₈	14.8	X	355.66421	325.66240	249.58669	21.48367	0.1723791	0.17187837	3.2073250	20	3 27.8	18.9
263994 2009 MJ ₉	16.6	X	158.12296	224.44209	126.72513	14.35816	0.2627313	0.22695811	2.66178			