PART 7

SPACE FLIGHT HANDBOOKS VOLUME III

PLANETARY FLIGHT HANDBOOK

Part 7-Direct Trajectories To Jupiter, Saturn, Uranus, And Neptune

Supplement A:
Tabular Trajectory
For Direct Trajectories To
Jupiter And Saturn

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SUPPLEMENT A

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Section 4

TABULAR TRAJECTORY DATA FOR DIRECT TRAJECTORIES TO JUPITER AND SATURN

Introduction

The trajectory data are presented chronologically and are organized by holding the arrival date constant while varying the Earth departure date in increments of 10 days. Upon completion of the specified range of Earth departure dates, the arrival date is incremented and the range of departure dates is repeated. For long trip times, where the variation of the trajectory parameters is relatively small, the size of the increment of the arrival date is increased. The range of departure and arrival dates and their corresponding increments are given in Table 4-1 for each launch opportunity. The criterion for the selection of these dates is that they encompass the region in which the Earth departure hyperbolic excess speed is less than or equal to 0.65 EMOS.

There are two lines of print for each trajectory (departure-date/arrival-date pair). In the first line the two left most columns contain the dates of departure and arrival. The next 18 columns of the first line can be divided into three groups: six columns of data related to departure, six columns pertinent to the heliocentric phase of the mission, and six columns related to arrival at the target planet. The second line of print contains, respectively, the ΔV requirements for departure and arrival, the total ΔV requirement, the heliocentric transfer trajectory type, and four parameters defining conditions at arrival. The value computed for the arrival ΔV is for entry into a circular orbit. The radius selected for this orbit, while necessarily somewhat arbitrary, is representative of the broad range of orbit radii which tend to minimize the arrival ΔV for the range of excess speeds between 0.1 and 0.8 EMOS. The values selected are 8 planet radii at Jupiter and 5 planet radii at Saturn. Significant reductions in the computed ΔV can be realized by assuming entry into an elliptical orbit having a periapsis radius equal to the selected circular-orbit radius. The magnitude of the reduction can be determined from Figures 2-2 and 2-4 in Section 2.

TABLE 4-1

RANGES OF DEPARTURE DATE AND ARRIVAL DATE

		Earth Departure Date	Arrival Date	Arrival Date Increment
1981	Jupiter	44900 - 45100	45360 - 46600	20
1983	Jupiter	45300 - 45500	45760 - 47000	20
1984	Jupiter	45700 - 45900	46160 - 47400	20
1985	Jupiter	46100 - 46300	46560 - 47800	20
1986	Jupiter	46500 - 46700	46960 - 48200	20
1976	Saturn	43000 - 43160	43600 - 46400	50
		43040 - 43210	46600 - 48600	200
1977	Saturn	43380 - 43540	43980 - 46780	50
		43420 - 43590	46980 - 48980	200
1978	Saturn	43760 - 43920	44360 - 47160	50
		43800 - 43970	47360 - 49360	200
1979	Saturn	44140 - 44300	44740 - 47540	50
		44180 - 44350	47740 - 49740	200
1980	Saturn	44520 - 44680	45120 - 47920	50
		44560 - 44730	48120 - 50120	200
1981	Saturn	44890 - 45050	45490 - 48290	50
		44930 - 45100	48490 - 50490	200
1982	Saturn	45270 - 45430	45870 - 48670	50
		45310 - 45480	48870 - 50870	200
1983	Saturn	45650 - 45810	46250 - 49050	50
		45690 - 45860	49250 - 51250	200
1985	Saturn	46030 - 46190	46630 - 49430	50
		46070 - 46240	49630 - 51630	200
1986	Saturn	46410 - 46570	47010 - 49810	50
		46450 - 46620	50010 - 52010	200

All data in this handbook are for posigrade trajectories having transfer angles of less than 360 degrees. In order to reduce the volume of the handbook those trajectories for which the Earth departure excess speed exceeds 0.65 EMOS are not listed even though such trajectories may occur in the region of dates given in Table 4-1.

Below are listed the symbols used in the format and the definition of each.

Symbol	Definition
DEPART	Julian date (minus 2400000) at Earth departure
ARRIVE	Julian date (minus 2400000) at target planet arrival
SPEED	Hyperbolic excess speed at Earth departure (EMOS)
R A	Right ascension of hyperbolic excess velocity vector at Earth departure, measured along the equator eastward from the vernal equinox (degrees)
DECL	Declination of the hyperbolic excess velocity vector at Earth departure, measured positively northward and negatively southward from the equator (degrees)
I 1	Inclination of the transfer orbit to the ecliptic. The angle is positive if the heliocentric velocity vector of the transfer trajectory is directed above the ecliptic; the angle is negative if the velocity vector is directed below the ecliptic (degrees)
V 1	Heliocentric speed of departure (EMOS)
PSI 1	Heliocentric angle of departure, measured counter-clockwise from the outward-directed heliocentric radius vector to the departure velocity vector in the transfer plane (degrees)
ECCEN	Eccentricity of the transfer orbit
SMA	Semimajor axis of the transfer orbit (AU)
THET1	True anomaly in the transfer orbit at departure, reduced to $0 \leq \theta \leq 360$ (degrees)
THET2	True anomaly in the transfer orbit at arrival, THET2 minus THET1 equals the heliocentric transfer angle (degrees)
PERIH	Perihelion distance of the transfer orbit. If the vehicle does not transit perihelion, the value is followed by a "D" (AU)
APHEL	Aphelion distance of the transfer orbit. If the vehicle does not transit aphelion, the value is followed by an "A"; for values of ECCEN ≥ 1.0, the characters "NA" (for Not Applicable) are printed (AU)
I 2	Inclination of the transfer orbit to the arrival planet's orbit. The angle is positive if the heliocentric velocity vector of the transfer trajectory is directed above the target planet's orbit plane at arrival; the angle is negative if the velocity vector is directed below the target planet's orbit plane (degrees)

V 2	Heliocentric speed of arrival (EMOS)
PSI 2	Heliocentric angle of arrival, measured clockwise from the inward-directed heliocentric radius vector to the arrival velocity vector in the transfer plane (degrees)
R A	Right ascension of the hyperbolic excess velocity vector at arrival, measured along the local planetary equator eastward from the "vernal equinox." Note that this is the right ascension of the position at which the hyperbolic excess velocity vector (asymptote) would emerge from the planet's celestial sphere (degrees)
DECL	Declination of the hyperbolic excess velocity vector at arrival; this is the declination at which the velocity vector would emerge from the planet's celestial sphere (degrees)
SPEED	Hyperbolic excess speed at arrival (EMOS)
DV1	Impulsive velocity (ΔV) necessary to attain the required excess speed at Earth departure. Departure is from a circular orbit of 185 km altitude (km/sec)
DV2	Impulsive velocity (ΔV) necessary to enter a circular orbit at the arrival planet (km/sec). The orbit radius is: 570682 km (8 radii) at Jupiter 301852 km (5 radii) at Saturn
DVT	Total ΔV; DV1 + DV2 (km/sec)
LEG	Heliocentric transfer angle. ONE if transfer angle is less than 180^{o}. TWO if transfer angle is greater than 180^{o}.
CDIST	Communication distance. Distance between Earth and target planet at date of arrival (AU)
RAS	Right ascension of the subsolar point at the target planet, measured along the local planetary equator eastward from the "vernal equinox" (degrees)
DECLS	Declination of the subsolar point at the target planet, measured positively northward and negatively southward from the planet's equator (degrees)
LAMDA	Approach illumination angle. It is the angle between the target planet's heliocentric radius vector and the incoming hyperbolic excess velocity vector. A lightside approach directed through the subsolar point is defined as 0^{o} (degrees)

EARTH - JUPITER TRAJECTORY DATA

FOR THE YEARS 1981 - 1986

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
ARRIVAL DATE = 2445360.0																			
44940.0	45360.0	0.586	213.5	-3.4	4.06	1.442	109.2	1.044	-19.959	322.5	489.6	0.882	NA	-3.02	0.649	157.4	83.8	1.9	0.638
		12.85	13.48	26.33	ONE	5.815	279.7	-3.0	15.9										
44950.0	45360.0	0.539	213.4	-7.0	2.32	1.450	105.3	1.066	-13.874	330.4	487.4	0.918	NA	-1.19	0.666	157.4	84.7	2.6	0.651
		11.67	13.74	25.41	ONE	5.815	279.7	-3.0	14.9										
44960.0	45360.0	0.499	212.4	-8.0	1.66	1.458	101.1	1.087	-10.889	338.8	485.6	0.949	NA	-0.45	0.681	157.4	85.5	2.9	0.663
		10.71	13.98	24.69	ONE	5.815	279.7	-3.0	14.1										
44970.0	45360.0	0.469	209.6	-7.7	1.32	1.464	96.6	1.106	-9.178	347.5	484.1	0.971	NA	-0.01	0.693	157.5	86.1	3.1	0.673
		10.00	14.19	24.19	ONE	5.815	279.7	-3.0	13.6										
44980.0	45360.0	0.454	205.0	-6.5	1.13	1.469	91.7	1.121	-8.122	356.7	483.1	0.983	NA	0.27	0.703	157.6	86.5	3.2	0.682
		9.66	14.38	24.03	ONE	5.815	279.7	-3.0	13.2										
44990.0	45360.0	0.461	199.1	-4.6	1.01	1.472	86.6	1.132	-7.454	6.5	122.7	0.981D	NA	0.49	0.711	157.8	86.7	3.3	0.690
		9.82	14.54	24.36	ONE	5.815	279.7	-3.0	13.0										
45000.0	45360.0	0.494	193.3	-2.7	0.94	1.474	81.0	1.137	-7.038	16.9	122.9	0.963D	NA	0.68	0.717	158.2	86.6	3.3	0.698
		10.59	14.69	25.28	ONE	5.815	279.7	-3.0	13.0										
45010.0	45360.0	0.553	188.6	-1.1	0.91	1.475	75.1	1.136	-6.794	27.9	123.8	0.926D	NA	0.84	0.720	158.7	86.3	3.4	0.704
		12.01	14.84	26.85	ONE	5.815	279.7	-3.0	13.3										
45020.0	45360.0	0.634	185.6	-0.3	0.91	1.474	68.9	1.130	-6.665	39.7	125.5	0.868D	NA	1.00	0.722	159.5	85.8	3.4	0.712
		14.06	14.99	29.05	ONE	5.815	279.7	-3.0	13.9										
ARRIVAL DATE = 2445380.0																			
44940.0	45380.0	0.559	213.1	-1.8	4.48	1.424	108.2	0.998	471.804	323.5	492.1	0.889	942.719A	-3.43	0.608	155.9	84.0	1.6	0.597
		12.18	12.67	24.85	ONE	5.513	281.2	-3.0	17.3										
44950.0	45380.0	0.511	212.4	-6.1	2.41	1.431	104.3	1.015	-60.361	331.6	490.1	0.925	NA	-1.28	0.623	156.0	85.0	2.5	0.608
		10.99	12.89	23.88	ONE	5.513	281.2	-3.0	16.2										
44960.0	45380.0	0.472	211.0	-7.2	1.68	1.437	100.2	1.032	-30.193	340.0	488.3	0.954	NA	-0.47	0.636	156.0	85.7	2.9	0.619
		10.06	13.09	23.15	ONE	5.513	281.2	-3.0	15.5										
44970.0	45380.0	0.443	207.8	-6.9	1.32	1.443	95.7	1.046	-21.198	348.9	487.0	0.974	NA	-0.01	0.647	156.1	86.3	3.1	0.628
		9.40	13.27	22.67	ONE	5.513	281.2	-3.0	14.9										
44980.0	45380.0	0.431	202.7	-5.5	1.12	1.446	90.9	1.057	-17.109	358.2	486.2	0.983	NA	0.27	0.656	156.2	86.7	3.2	0.635
		9.12	13.42	22.55	ONE	5.513	281.2	-3.0	14.5										
44990.0	45380.0	0.441	196.6	-3.5	1.00	1.449	85.8	1.065	-14.975	8.1	125.9	0.979D	NA	0.50	0.662	156.5	86.8	3.3	0.642
		9.35	13.56	22.91	ONE	5.513	281.2	-3.0	14.4										
45000.0	45380.0	0.477	190.8	-1.6	0.92	1.450	80.4	1.069	-13.853	18.6	126.2	0.959D	NA	0.68	0.666	156.9	86.7	3.3	0.648
		10.18	13.68	23.85	ONE	5.513	281.2	-3.0	14.5										
45010.0	45380.0	0.537	186.4	-0.2	0.89	1.450	74.6	1.069	-13.352	29.7	127.2	0.920D	NA	0.85	0.668	157.4	86.4	3.4	0.654
		11.62	13.79	25.42	ONE	5.513	281.2	-3.0	14.8										
45020.0	45380.0	0.618	183.7	0.5	0.88	1.449	68.5	1.065	-13.264	41.6	129.0	0.860D	NA	1.00	0.669	158.3	85.7	3.4	0.660
		13.66	13.91	27.58	ONE	5.513	281.2	-3.0	15.5										
ARRIVAL DATE = 2445400.0																			
44920.0	45400.0	0.627	199.3	-18.4	-4.71	1.392	114.6	0.932	12.009	308.9	499.4	0.812	23.206A	5.62	0.538	154.3	81.7	5.5	0.536
		13.90	11.53	25.43	TWO	5.190	282.8	-3.0	21.2										
44940.0	45400.0	0.537	213.0	0.2	5.02	1.408	107.4	0.958	21.456	324.5	494.7	0.896	42.015A	-3.96	0.571	154.4	84.2	1.3	0.559
		11.63	11.96	23.58	ONE	5.190	282.8	-3.0	18.7										
44950.0	45400.0	0.487	211.5	-5.2	2.51	1.414	103.5	0.972	32.674	332.6	492.7	0.930	64.418A	-1.37	0.584	154.5	85.1	2.4	0.569
		10.41	12.14	22.56	ONE	5.190	282.8	-3.0	17.6										
44960.0	45400.0	0.448	209.6	-6.4	1.70	1.420	99.3	0.984	60.099	341.2	491.1	0.958	119.241A	-0.49	0.596	154.5	85.9	2.8	0.578
		9.51	12.31	21.83	ONE	5.190	282.8	-3.0	16.9										
44970.0	45400.0	0.421	206.0	-6.0	1.32	1.424	94.9	0.995	198.671	350.1	489.8	0.976	396.365A	-0.01	0.606	154.6	86.5	3.1	0.586
		8.90	12.46	21.37	ONE	5.190	282.8	-3.0	16.3										
44980.0	45400.0	0.411	200.5	-4.5	1.11	1.427	90.2	1.004	*******	359.6	489.1	0.983	NA	0.28	0.613	154.8	86.8	3.2	0.593
		8.69	12.59	21.28	ONE	5.190	282.8	-3.0	16.0										
44990.0	45400.0	0.424	194.2	-2.5	0.98	1.429	85.2	1.010	-98.065	9.6	128.9	0.977D	NA	0.51	0.618	155.1	86.9	3.3	0.599
		8.98	12.70	21.68	ONE	5.190	282.8	-3.0	15.8										
45000.0	45400.0	0.463	188.5	-0.7	0.90	1.430	79.8	1.013	-73.061	20.2	129.3	0.955D	NA	0.69	0.621	155.5	86.8	3.4	0.604
		9.85	12.80	22.65	ONE	5.190	282.8	-3.0	16.0										
45010.0	45400.0	0.524	184.3	0.6	0.87	1.429	74.2	1.013	-68.383	31.4	130.5	0.914D	NA	0.85	0.622	156.1	86.4	3.4	0.608
		11.32	12.89	24.21	ONE	5.190	282.8	-3.0	16.4										
45020.0	45400.0	0.606	182.0	1.2	0.85	1.427	68.2	1.011	-74.527	43.4	132.3	0.853D	NA	1.00	0.621	156.9	85.6	3.5	0.613
		13.35	12.99	26.34	ONE	5.190	282.8	-3.0	17.1										
ARRIVAL DATE = 2445420.0																			
44910.0	45420.0	0.649	196.5	-11.5	-2.21	1.372	117.2	0.896	7.439	302.2	504.2	0.773	14.105A	3.05	0.488	152.5	80.3	4.4	0.491
		14.45	10.74	25.19	TWO	4.877	284.3	-3.0	24.0										

1981
EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
44920.0	45420.0	0.605	199.1	-17.1	-3.98	1.380	113.8	0.904	8.563	309.6	501.7	0.820	16.306A	4.90	0.506	152.6	81.8	5.3	0.503
		13.32	10.96	24.28	TWO	4.877	284.3	-3.0	22.6										
44940.0	45420.0	0.519	213.1	2.6	5.77	1.394	106.6	0.924	11.808	325.4	497.1	0.902	22.715A	-4.71	0.537	152.8	84.2	0.9	0.525
		11.18	11.34	22.52	ONE	4.877	284.3	-3.0	20.2										
44950.0	45420.0	0.465	210.6	-4.2	2.63	1.400	102.7	0.934	14.107	333.6	495.3	0.935	27.278A	-1.48	0.549	152.9	85.3	2.4	0.534
		9.92	11.49	21.41	ONE	4.877	284.3	-3.0	19.1										
44960.0	45420.0	0.428	208.3	-5.6	1.73	1.405	98.6	0.943	16.941	342.3	493.7	0.961	32.920A	-0.51	0.560	153.0	86.0	2.8	0.542
		9.05	11.64	20.69	ONE	4.877	284.3	-3.0	18.3										
44970.0	45420.0	0.402	204.2	-5.1	1.32	1.409	94.2	0.952	20.245	351.4	492.6	0.978	39.512A	-0.01	0.569	153.1	86.6	3.1	0.549
		8.49	11.76	20.25	ONE	4.877	284.3	-3.0	17.8										
44980.0	45420.0	0.395	198.4	-3.6	1.10	1.411	89.6	0.958	23.690	0.9	132.0	0.983D	46.397A	0.29	0.575	153.3	86.9	3.2	0.554
		8.33	11.87	20.20	ONE	4.877	284.3	-3.0	17.4										
44990.0	45420.0	0.411	192.0	-1.6	0.96	1.412	84.6	0.963	26.591	11.0	131.9	0.975D	52.207A	0.51	0.579	153.6	87.0	3.3	0.559
		8.68	11.96	20.64	ONE	4.877	284.3	-3.0	17.4										
45000.0	45420.0	0.451	186.4	0.2	0.88	1.412	79.3	0.966	28.108	21.7	132.4	0.951D	55.265A	0.70	0.581	154.0	86.8	3.4	0.563
		9.59	12.04	21.63	ONE	4.877	284.3	-3.0	17.6										
45010.0	45420.0	0.514	182.5	1.3	0.84	1.411	73.8	0.967	27.810	33.0	133.6	0.908D	54.711A	0.85	0.580	154.6	86.3	3.4	0.567
		11.07	12.11	23.18	ONE	4.877	284.3	-3.0	18.0										
45020.0	45420.0	0.595	180.5	1.7	0.83	1.409	67.9	0.968	26.044	45.0	135.5	0.846D	51.242A	1.00	0.578	155.4	85.5	3.5	0.572
		13.09	12.19	25.28	ONE	4.877	284.3	-3.0	18.8										

ARRIVAL DATE = 2445440.0

44910.0	45440.0	0.631	196.2	-11.1	-2.00	1.362	116.5	0.874	6.196	302.7	506.3	0.780	11.612A	2.86	0.460	150.7	80.2	4.4	0.462
		13.99	10.27	24.26	TWO	4.609	285.9	-2.9	25.7										
44920.0	45440.0	0.585	199.0	-16.0	-3.41	1.369	113.2	0.880	6.864	310.3	503.9	0.826	12.902A	4.35	0.477	150.8	81.8	5.2	0.474
		12.82	10.46	23.28	TWO	4.609	285.9	-2.9	24.2										
44930.0	45440.0	0.593	194.9	-38.5	-12.99	1.376	109.7	0.886	7.638	318.0	501.6	0.869	14.407A	14.00	0.492	151.0	82.4	9.8	0.490
		13.02	10.72	23.75	TWO	4.609	285.9	-2.9	24.3										
44940.0	45440.0	0.506	213.7	5.9	6.87	1.382	105.9	0.893	8.517	326.2	499.5	0.907	16.127A	-5.79	0.506	151.1	84.2	0.2	0.494
		10.87	10.79	21.66	ONE	4.609	285.9	-2.9	21.8										
44950.0	45440.0	0.447	209.8	-3.2	2.76	1.388	102.0	0.901	9.484	334.6	497.8	0.939	18.028A	-1.61	0.517	151.2	85.3	2.3	0.501
		9.49	10.92	20.41	ONE	4.609	285.9	-2.9	20.6										
44960.0	45440.0	0.410	207.0	-4.8	1.76	1.392	97.9	0.908	10.492	343.3	496.3	0.964	20.020A	-0.54	0.527	151.3	86.1	2.8	0.508
		8.66	11.04	19.70	ONE	4.609	285.9	-2.9	19.8										
44970.0	45440.0	0.386	202.5	-4.3	1.32	1.395	93.6	0.915	11.458	352.5	495.3	0.979	21.938A	-0.01	0.535	151.5	86.6	3.1	0.514
		8.14	11.15	19.29	ONE	4.609	285.9	-2.9	19.3										
44980.0	45440.0	0.382	196.4	-2.7	1.09	1.397	89.0	0.920	12.265	2.2	134.8	0.983D	23.547A	0.29	0.540	151.7	86.9	3.2	0.519
		8.04	11.24	19.28	ONE	4.609	285.9	-2.9	19.0										
44990.0	45440.0	0.400	190.0	-0.7	0.95	1.398	84.1	0.924	12.787	12.3	134.8	0.973D	24.600A	0.52	0.543	152.0	86.9	3.3	0.524
		8.43	11.31	19.75	ONE	4.609	285.9	-2.9	18.9										
45000.0	45440.0	0.442	184.5	1.0	0.86	1.397	78.9	0.927	12.938	23.1	135.4	0.947D	24.928A	0.70	0.544	152.4	86.7	3.4	0.527
		9.38	11.37	20.76	ONE	4.609	285.9	-2.9	19.2										
45010.0	45440.0	0.506	180.9	2.0	0.82	1.396	73.4	0.929	12.714	34.5	136.6	0.903D	24.525A	0.86	0.543	153.0	86.2	3.5	0.530
		10.88	11.44	22.31	ONE	4.609	285.9	-2.9	19.7										
45020.0	45440.0	0.587	179.2	2.2	0.80	1.393	67.6	0.931	12.199	46.5	138.5	0.840D	23.557A	1.00	0.539	153.9	85.3	3.5	0.534
		12.88	11.50	24.38	ONE	4.609	285.9	-2.9	20.6										

ARRIVAL DATE = 2445460.0

44910.0	45460.0	0.615	196.0	-10.7	-1.81	1.353	116.0	0.855	5.413	303.2	508.4	0.786	10.040A	2.70	0.434	148.7	80.1	4.4	0.436
		13.58	9.86	23.44	TWO	4.421	287.5	-2.9	27.4										
44920.0	45460.0	0.568	198.8	-15.0	-2.96	1.360	112.6	0.858	5.858	310.9	506.0	0.832	10.885A	3.91	0.450	149.0	81.7	5.1	0.447
		12.39	10.02	22.40	TWO	4.421	287.5	-2.9	25.8										
44930.0	45460.0	0.545	196.9	-30.1	-8.72	1.366	109.0	0.862	6.347	318.7	503.8	0.874	11.819A	9.74	0.465	149.2	82.7	8.1	0.459
		11.82	10.21	22.03	TWO	4.421	287.5	-2.9	25.2										
44940.0	45460.0	0.501	215.3	10.8	8.63	1.372	105.3	0.867	6.866	327.0	501.9	0.912	12.820A	-7.55	0.477	149.3	84.1	-0.9	0.466
		10.75	10.32	21.07	ONE	4.421	287.5	-2.9	23.6										
44950.0	45460.0	0.431	209.1	-2.1	2.93	1.377	101.4	0.872	7.397	335.5	500.2	0.943	13.851A	-1.78	0.488	149.4	85.3	2.1	0.471
		9.13	10.42	19.55	ONE	4.421	287.5	-2.9	22.1										
44960.0	45460.0	0.395	205.8	-4.0	1.80	1.381	97.3	0.878	7.906	344.3	498.9	0.967	14.846A	-0.57	0.497	149.6	86.1	2.8	0.478
		8.32	10.52	18.84	ONE	4.421	287.5	-2.9	21.4										
44970.0	45460.0	0.373	200.9	-3.5	1.32	1.384	93.0	0.883	8.351	353.6	498.0	0.980	15.721A	-0.01	0.504	149.8	86.6	3.0	0.483
		7.85	10.61	18.46	ONE	4.421	287.5	-2.9	20.8										
44980.0	45460.0	0.370	196.6	-1.9	1.08	1.385	88.4	0.887	8.683	3.3	137.5	0.983D	16.383A	0.30	0.508	150.0	86.9	3.2	0.487
		7.80	10.69	18.48	ONE	4.421	287.5	-2.9	20.6										
44990.0	45460.0	0.391	188.1	0.1	0.93	1.386	83.6	0.890	8.862	13.6	137.6	0.971D	16.752A	0.53	0.510	150.3	86.9	3.3	0.491
		8.24	10.75	18.98	ONE	4.421	287.5	-2.9	20.6										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45000.0	45460.0	0.435	182.8	1.7	0.84	1.385	76.5	0.894	8.866	24.4	138.2	0.9440	16.789A	0.71	0.510	150.7	86.6	3.4	0.494
		9.21	10.80	20.01	ONE	4.421	287.5	-2.9	20.9										
45010.0	45460.0	0.499	179.5	2.5	0.79	1.383	73.1	0.897	8.706	35.8	139.5	0.899D	16.513A	0.86	0.508	151.4	86.0	3.5	0.497
		10.72	10.85	21.57	ONE	4.421	287.5	-2.9	21.5										
45020.0	45460.0	0.580	178.1	2.7	0.77	1.380	67.4	0.901	8.416	47.8	141.4	0.835D	15.997A	1.00	0.505	152.2	85.1	3.5	0.500
		12.70	10.91	23.61	ONE	4.421	287.5	-2.9	22.4										
ARRIVAL DATE = 2445480.0																			
44910.0	45480.0	0.601	195.8	-10.4	-1.65	1.346	115.5	0.838	4.877	303.7	510.4	0.791	8.964A	2.55	0.411	146.7	79.8	4.4	0.413
		13.23	9.49	22.72	TWO	4.339	289.0	-2.9	29.2										
44920.0	45480.0	0.553	198.7	-14.2	-2.58	1.352	112.0	0.839	5.198	311.4	508.1	0.837	9.559A	3.55	0.426	147.0	81.5	5.0	0.422
		12.02	9.63	21.64	TWO	4.339	289.0	-2.9	27.6										
44930.0	45480.0	0.518	197.9	-25.1	-6.43	1.358	108.5	0.841	5.536	319.4	506.0	0.879	10.192A	7.46	0.439	147.2	82.8	7.1	0.432
		11.16	9.78	20.94	TWO	4.339	289.0	-2.9	26.5										
44940.0	45480.0	0.514	219.0	18.6	11.91	1.363	104.7	0.844	5.880	327.7	504.1	0.916	10.844A	-10.82	0.451	147.4	83.8	-2.9	0.441
		11.07	9.93	21.00	ONE	4.339	289.0	-2.9	25.9										
44950.0	45480.0	0.418	208.5	-0.9	3.14	1.368	100.9	0.848	6.215	336.3	502.6	0.946	11.484A	-1.97	0.461	147.6	85.2	2.0	0.444
		8.83	9.98	18.81	ONE	4.339	289.0	-2.9	23.8										
44960.0	45480.0	0.382	204.6	-3.2	1.84	1.371	96.8	0.851	6.520	345.2	501.3	0.969	12.072A	-0.60	0.469	147.8	86.0	2.7	0.450
		8.04	10.06	18.10	ONE	4.339	289.0	-2.9	23.0										
44970.0	45480.0	0.361	199.4	-2.8	1.33	1.373	92.5	0.855	6.771	354.5	500.5	0.981	12.560A	-0.02	0.475	148.0	86.5	3.0	0.454
		7.61	10.14	17.75	ONE	4.339	289.0	-2.9	22.5										
44980.0	45480.0	0.361	192.9	-1.1	1.06	1.375	88.0	0.859	6.942	4.4	140.1	0.982D	12.902A	0.31	0.479	148.2	86.8	3.2	0.458
		7.60	10.20	17.80	ONE	4.339	289.0	-2.9	22.3										
44990.0	45480.0	0.383	186.4	0.8	0.91	1.375	83.2	0.862	7.017	14.7	140.3	0.969D	13.064A	0.54	0.481	148.5	86.7	3.4	0.461
		8.08	10.25	18.33	ONE	4.339	289.0	-2.9	22.3										
45000.0	45480.0	0.429	181.3	2.3	0.82	1.374	78.2	0.865	6.988	25.5	141.0	0.940D	13.035A	0.72	0.480	149.0	86.4	3.4	0.464
		9.08	10.30	19.37	ONE	4.339	289.0	-2.9	22.6										
45010.0	45480.0	0.494	178.2	3.0	0.77	1.372	72.9	0.870	6.863	37.0	142.2	0.894D	12.831A	0.87	0.478	149.6	85.7	3.5	0.467
		10.59	10.34	20.92	ONE	4.339	289.0	-2.9	23.3										
45020.0	45480.0	0.574	177.1	3.0	0.75	1.369	67.3	0.875	6.662	48.9	144.1	0.830D	12.494A	1.01	0.473	150.5	84.8	3.6	0.470
		12.55	10.39	22.94	ONE	4.339	289.0	-2.9	24.2										
ARRIVAL DATE = 2445500.0																			
44900.0	45500.0	0.640	191.7	-7.3	-1.15	1.332	118.4	0.825	4.259	296.4	514.6	0.745	7.773A	2.00	0.373	144.2	77.5	4.1	0.382
		14.24	9.04	23.28	TWO	4.376	290.6	-2.9	33.1										
44910.0	45500.0	0.589	195.7	-10.0	-1.50	1.339	115.0	0.823	4.490	304.0	512.3	0.795	8.186A	2.42	0.389	144.6	79.5	4.4	0.391
		12.93	9.16	22.09	TWO	4.376	290.6	-2.9	31.1										
44920.0	45500.0	0.540	198.5	-13.5	-2.27	1.345	111.6	0.822	4.734	311.9	510.1	0.841	8.626A	3.25	0.404	145.0	81.2	4.9	0.399
		11.70	9.29	20.98	TWO	4.376	290.6	-2.9	29.4										
44930.0	45500.0	0.499	198.5	-21.9	-5.00	1.351	108.0	0.823	4.982	319.9	508.1	0.883	9.082A	6.04	0.416	145.3	82.6	6.6	0.407
		10.70	9.41	20.11	TWO	4.376	290.6	-2.9	28.1										
44940.0	45500.0	0.597	230.1	33.0	20.08	1.355	104.2	0.826	5.228	328.4	506.4	0.920	9.537A	-18.98	0.428	145.5	82.5	-7.6	0.426
		13.13	9.70	22.83	ONE	4.376	290.6	-2.9	29.9										
44950.0	45500.0	0.406	208.0	0.5	3.39	1.359	100.4	0.826	5.460	337.0	504.9	0.949	9.970A	-2.23	0.437	145.7	85.1	1.7	0.419
		8.58	9.59	18.16	ONE	4.376	290.6	-2.9	25.5										
44960.0	45500.0	0.370	203.6	-2.5	1.88	1.363	96.3	0.829	5.662	346.0	503.7	0.970	10.353A	-0.64	0.444	145.9	85.9	2.7	0.424
		7.80	9.66	17.46	ONE	4.376	290.6	-2.9	24.7										
44970.0	45500.0	0.351	198.0	-2.1	1.33	1.365	92.1	0.831	5.820	355.4	503.0	0.982	10.658A	-0.02	0.450	146.1	86.4	3.0	0.428
		7.40	9.73	17.13	ONE	4.376	290.6	-2.9	24.2										
44980.0	45500.0	0.353	191.3	-0.4	1.05	1.366	87.6	0.834	5.919	5.3	142.7	0.981D	10.857A	0.32	0.453	146.4	86.6	3.2	0.431
		7.43	9.78	17.21	ONE	4.376	290.6	-2.9	24.0										
44990.0	45500.0	0.377	184.8	1.4	0.49	1.365	82.9	0.837	5.951	15.7	142.8	0.967D	10.935A	0.55	0.454	146.7	86.5	3.4	0.434
		7.94	9.82	17.76	ONE	4.376	290.6	-2.9	24.1										
45000.0	45500.0	0.424	179.9	2.8	0.80	1.364	77.9	0.841	5.913	26.6	143.6	0.938D	10.889A	0.73	0.453	147.1	86.1	3.5	0.436
		8.96	9.86	18.82	ONE	4.376	290.6	-2.9	24.4										
45010.0	45500.0	0.489	177.1	3.4	0.74	1.362	72.6	0.847	5.811	38.0	144.8	0.891D	10.730A	0.88	0.450	147.7	85.4	3.5	0.439
		10.47	9.89	20.37	ONE	4.376	290.6	-2.9	25.2										
45020.0	45500.0	0.569	176.3	3.3	0.72	1.359	67.1	0.854	5.657	49.9	146.7	0.827D	10.487A	1.01	0.444	148.6	84.4	3.6	0.442
		12.42	9.94	22.36	ONE	4.376	290.6	-2.9	26.2										
ARRIVAL DATE = 2445520.0																			
44900.0	45520.0	0.631	191.6	-7.1	-1.06	1.327	118.1	0.814	4.014	296.6	516.4	0.749	7.280A	1.93	0.354	142.0	77.0	4.1	0.363
		13.99	8.77	22.76	TWO	4.522	292.2	-2.8	35.2										
44910.0	45520.0	0.579	195.5	-9.7	-1.37	1.333	114.6	0.810	4.200	304.4	514.2	0.799	7.601A	2.30	0.369	142.4	79.1	4.4	0.370
		12.67	8.88	21.55	TWO	4.522	292.2	-2.8	33.1										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
44920.0	45520.0	0.528	198.4	-12.9	-2.01	1.339	111.2	0.808	4.392	312.3	512.1	0.845	7.938A	3.00	0.383	142.8	80.9	4.9	0.378
		11.42	8.98	20.40	TWO	4.522	292.2	-2.8	31.3										
44930.0	45520.0	0.484	198.8	-19.5	-4.02	1.344	107.6	0.807	4.584	320.4	510.2	0.887	8.281A	5.08	0.395	143.2	82.4	6.2	0.385
		10.35	9.09	19.44	TWO	4.522	292.2	-2.8	29.9										
44950.0	45520.0	0.397	207.8	2.1	3.73	1.352	100.0	0.807	4.938	337.7	507.1	0.952	8.925A	-2.55	0.415	143.7	84.9	1.5	0.396
		8.37	9.24	17.61	ONE	4.522	292.2	-2.8	27.3										
44960.0	45520.0	0.360	202.7	-1.7	1.93	1.355	95.9	0.809	5.082	346.7	506.0	0.972	9.191A	-0.69	0.422	143.9	85.7	2.6	0.400
		7.59	9.31	16.90	ONE	4.522	292.2	-2.8	26.5										
44970.0	45520.0	0.343	196.8	-1.4	1.33	1.357	91.7	0.811	5.189	356.2	505.3	0.982	9.395A	-0.02	0.426	144.1	86.1	3.0	0.404
		7.23	9.36	16.59	ONE	4.522	292.2	-2.8	26.0										
44980.0	45520.0	0.346	189.9	0.2	1.04	1.358	87.2	0.813	5.251	6.2	145.1	0.9810	9.521A	0.33	0.429	144.4	86.3	3.3	0.407
		7.29	9.40	16.70	ONE	4.522	292.2	-2.8	25.8										
44990.0	45520.0	0.372	183.5	1.9	0.87	1.357	82.5	0.817	5.263	16.6	145.3	0.9660	9.560A	0.57	0.430	144.7	86.2	3.4	0.409
		7.83	9.44	17.27	ONE	4.522	292.2	-2.8	25.9										
45000.0	45520.0	0.420	178.7	3.2	0.78	1.356	77.6	0.821	5.223	27.5	146.1	0.9350	9.510A	0.74	0.428	145.2	85.8	3.5	0.411
		8.87	9.47	18.34	ONE	4.522	292.2	-2.8	26.3										
45010.0	45520.0	0.485	176.2	3.7	0.72	1.354	72.5	0.827	5.135	38.9	147.3	0.8880	9.383A	0.89	0.424	145.8	85.0	3.6	0.413
		10.38	9.50	19.88	ONE	4.522	292.2	-2.8	27.1										
45020.0	45520.0	0.564	175.6	3.6	0.69	1.350	67.0	0.836	5.010	50.8	149.1	0.8230	9.198A	1.01	0.418	146.6	83.9	3.6	0.416
		12.30	9.54	21.85	ONE	4.522	292.2	-2.8	28.2										

ARRIVAL DATE = 2445540.0

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
44900.0	45540.0	0.623	191.6	-7.0	-0.98	1.322	117.8	0.803	3.822	296.8	518.2	0.751	6.893A	1.87	0.337	139.6	76.3	4.2	0.345
		13.78	8.54	22.32	TWO	4.754	293.8	-2.8	37.4										
44910.0	45540.0	0.570	195.5	-9.5	-1.25	1.328	114.3	0.798	3.976	304.6	516.1	0.802	7.150A	2.20	0.351	140.1	78.6	4.4	0.352
		12.44	8.63	21.07	TWO	4.754	293.8	-2.8	35.2										
44920.0	45540.0	0.519	198.3	-12.4	-1.78	1.334	110.8	0.795	4.131	312.6	514.0	0.848	7.414A	2.79	0.365	140.6	80.5	4.8	0.358
		11.18	8.72	19.90	TWO	4.754	293.8	-2.8	33.3										
44930.0	45540.0	0.472	199.1	-17.8	-3.31	1.338	107.2	0.792	4.285	320.9	512.2	0.890	7.679A	4.38	0.376	141.0	82.0	5.9	0.365
		10.08	8.80	18.88	TWO	4.754	293.8	-2.8	31.8										
44950.0	45540.0	0.390	207.8	4.0	4.18	1.346	99.6	0.791	4.559	338.2	509.3	0.954	8.165A	-3.00	0.395	141.6	84.5	1.1	0.375
		8.21	8.94	17.15	ONE	4.754	293.8	-2.8	29.3										
44960.0	45540.0	0.352	201.9	-1.0	1.99	1.349	95.6	0.791	4.666	347.4	508.3	0.973	8.359A	-0.75	0.401	141.9	85.4	2.6	0.378
		7.42	8.99	16.41	ONE	4.754	293.8	-2.8	28.4										
44970.0	45540.0	0.336	195.6	-0.9	1.33	1.350	91.3	0.793	4.743	357.0	507.6	0.983	8.503A	-0.02	0.405	142.1	85.8	3.0	0.382
		7.08	9.04	16.12	ONE	4.754	293.8	-2.8	27.9										
44980.0	45540.0	0.340	188.7	0.7	1.02	1.351	86.9	0.795	4.783	6.9	147.4	0.9800	8.586A	0.34	0.407	142.4	86.0	3.3	0.384
		7.18	9.08	16.25	ONE	4.754	293.8	-2.8	27.7										
44990.0	45540.0	0.368	182.3	2.4	0.85	1.350	82.3	0.798	4.784	17.4	147.7	0.9640	8.604A	0.58	0.407	142.7	85.9	3.4	0.387
		7.74	9.11	16.85	ONE	4.754	293.8	-2.8	27.8										
45000.0	45540.0	0.416	177.7	3.6	0.75	1.349	77.4	0.803	4.745	28.3	148.4	0.9330	8.557A	0.75	0.405	143.1	85.4	3.5	0.388
		8.79	9.13	17.92	ONE	4.754	293.8	-2.8	28.3										
45010.0	45540.0	0.481	175.4	4.0	0.69	1.346	72.3	0.810	4.669	39.7	149.7	0.8850	8.453A	0.89	0.401	143.7	84.6	3.6	0.390
		10.29	9.16	19.45	ONE	4.754	293.8	-2.8	29.1										
45020.0	45540.0	0.560	175.0	3.8	0.66	1.343	67.0	0.820	4.563	51.5	151.4	0.8210	8.306A	1.02	0.395	144.5	83.4	3.6	0.393
		12.20	9.20	21.40	ONE	4.754	293.8	-2.8	30.3										
45030.0	45540.0	0.648	176.1	3.0	0.65	1.339	61.4	0.833	4.437	63.6	153.5	0.7410	8.134A	1.13	0.387	145.6	81.9	3.7	0.397
		14.44	9.25	23.70	ONE	4.754	293.8	-2.8	31.8										

ARRIVAL DATE = 2445560.0

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
44900.0	45560.0	0.616	191.6	-6.8	-0.91	1.318	117.5	0.795	3.669	296.9	519.9	0.754	6.585A	1.81	0.321	137.1	75.6	4.2	0.329
		13.61	8.33	21.94	TWO	5.039	295.3	-2.8	39.7										
44910.0	45560.0	0.562	195.4	-9.2	-1.14	1.324	114.1	0.788	3.798	304.8	517.8	0.805	6.792A	2.10	0.335	137.8	77.9	4.4	0.335
		12.25	8.40	20.66	TWO	5.039	295.3	-2.8	37.4										
44920.0	45560.0	0.510	198.3	-11.9	-1.59	1.329	110.5	0.783	3.928	312.9	515.9	0.851	7.005A	2.61	0.348	138.3	79.9	4.8	0.340
		10.98	8.48	19.46	TWO	5.039	295.3	-2.8	35.4										
44930.0	45560.0	0.462	199.2	-16.4	-2.77	1.333	106.9	0.780	4.054	321.2	514.2	0.892	7.215A	3.85	0.359	138.7	81.6	5.7	0.346
		9.85	8.56	18.40	TWO	5.039	295.3	-2.8	33.8										
44940.0	45560.0	0.483	189.2	-43.5	-12.56	1.337	103.2	0.778	4.170	329.8	512.6	0.927	7.414A	13.69	0.368	139.1	82.1	12.2	0.359
		10.34	8.72	19.06	TWO	5.039	295.3	-2.8	34.3										
44950.0	45560.0	0.385	208.1	6.4	4.82	1.341	99.3	0.776	4.273	338.8	511.4	0.955	7.591A	-3.63	0.376	139.4	84.1	0.6	0.355
		8.10	8.68	16.78	ONE	5.039	295.3	-2.8	31.3										
44960.0	45560.0	0.345	201.2	-0.3	2.06	1.343	95.3	0.776	4.356	348.0	510.4	0.974	7.737A	-0.81	0.382	139.7	85.0	2.5	0.358
		7.27	8.72	15.99	ONE	5.039	295.3	-2.8	30.3										
44970.0	45560.0	0.329	194.7	-0.4	1.33	1.344	91.1	0.777	4.413	357.6	509.8	0.983	7.843A	-0.02	0.386	140.0	85.5	3.0	0.361
		6.96	8.76	15.72	ONE	5.039	295.3	-2.8	29.8										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
44980.0	45560.0	0.335	187.6	1.1	1.91	1.365	86.7	0.779	4.440	7.6	149.7	0.980D	7.900A	0.35	0.388	140.2	85.6	3.3	0.364
		7.08	8.79	15.87	ONE	5.039	295.3	-2.8	29.7										
44990.0	45560.0	0.364	181.2	2.8	0.83	1.344	82.1	0.783	4.435	18.1	150.0	0.963D	7.907A	0.59	0.387	140.6	85.5	3.5	0.366
		7.66	8.82	16.47	ONE	5.039	295.3	-2.8	29.8										
45000.0	45560.0	0.413	176.9	3.9	0.73	1.343	77.3	0.788	4.397	29.0	150.7	0.931D	7.863A	0.77	0.385	141.0	84.9	3.6	0.367
		8.71	8.84	17.55	ONE	5.039	295.3	-2.8	30.4										
45010.0	45560.0	0.478	174.7	4.2	0.67	1.340	72.2	0.796	4.330	40.3	151.9	0.883D	7.777A	0.90	0.380	141.5	84.1	3.6	0.369
		10.21	8.87	19.07	ONE	5.039	295.3	-2.8	31.3										
45020.0	45560.0	0.556	174.5	3.9	0.63	1.337	67.0	0.807	4.238	52.1	153.5	0.819D	7.658A	1.02	0.373	142.3	82.8	3.7	0.372
		12.10	8.90	20.99	ONE	5.039	295.3	-2.8	32.5										
45030.0	45560.0	0.643	175.7	3.1	0.62	1.333	61.5	0.821	4.130	64.1	155.5	0.739D	7.520A	1.13	0.365	143.4	81.3	3.7	0.375
		14.31	8.95	23.26	ONE	5.039	295.3	-2.8	34.0										
ARRIVAL DATE = 2445580.0																			
44900.0	45580.0	0.610	191.6	-6.7	-0.84	1.315	117.3	0.787	3.545	296.9	521.5	0.755	6.335A	1.76	0.306	134.5	74.8	4.2	0.314
		13.46	8.15	21.61	TWO	5.344	296.9	-2.7	42.1										
44910.0	45580.0	0.556	195.4	-9.0	-1.04	1.320	113.8	0.779	3.656	304.9	519.6	0.807	6.505A	2.02	0.320	135.3	77.2	4.4	0.319
		12.09	8.21	20.30	TWO	5.344	296.9	-2.7	39.6										
44920.0	45580.0	0.503	198.2	-11.5	-1.41	1.325	110.3	0.773	3.766	313.1	517.7	0.853	6.678A	2.45	0.332	135.9	79.3	4.8	0.324
		10.81	8.27	19.08	TWO	5.344	296.9	-2.7	37.6										
44930.0	45580.0	0.454	199.3	-15.3	-2.35	1.329	106.6	0.769	3.871	321.5	516.0	0.895	6.847A	3.44	0.343	136.4	81.1	5.5	0.329
		9.66	8.34	17.99	TWO	5.344	296.9	-2.7	35.9										
44940.0	45580.0	0.434	193.7	-31.6	-7.67	1.333	102.9	0.766	3.968	330.2	514.6	0.929	7.006A	8.81	0.352	136.8	82.1	9.3	0.337
		9.18	8.43	17.61	TWO	5.344	296.9	-2.7	35.2										
44950.0	45580.0	0.383	209.1	9.9	5.81	1.336	99.0	0.764	4.051	339.2	513.4	0.957	7.146A	-4.62	0.359	137.2	83.6	-0.3	0.338
		8.08	8.44	16.52	ONE	5.344	296.9	-2.7	33.4										
44960.0	45580.0	0.339	200.6	0.4	2.14	1.338	95.0	0.763	4.117	348.5	512.5	0.975	7.259A	-0.89	0.365	137.5	84.5	2.4	0.340
		7.15	8.47	15.62	ONE	5.344	296.9	-2.7	32.4										
44970.0	45580.0	0.324	193.8	0.1	1.33	1.339	90.8	0.764	4.161	358.1	512.0	0.983	7.339A	-0.02	0.368	137.8	85.0	3.0	0.343
		6.85	8.51	15.36	ONE	5.344	296.9	-2.7	31.9										
44980.0	45580.0	0.331	186.6	1.5	0.99	1.340	86.5	0.766	4.179	8.2	151.8	0.979D	7.379A	0.37	0.370	138.0	85.2	3.3	0.345
		6.99	8.54	15.53	ONE	5.344	296.9	-2.7	31.7										
44990.0	45580.0	0.360	180.4	3.1	0.81	1.339	81.9	0.769	4.170	18.7	152.1	0.962D	7.379A	0.61	0.369	138.4	85.0	3.5	0.346
		7.59	8.56	16.15	ONE	5.344	296.9	-2.7	31.9										
45000.0	45580.0	0.410	176.2	4.1	0.70	1.337	77.1	0.775	4.135	29.6	152.9	0.929D	7.340A	0.78	0.366	138.8	84.4	3.6	0.348
		8.65	8.58	17.23	ONE	5.344	296.9	-2.7	32.5										
45010.0	45580.0	0.475	174.2	4.4	0.64	1.335	72.2	0.784	4.074	40.9	154.0	0.881D	7.268A	0.91	0.361	139.3	83.5	3.7	0.350
		10.13	8.60	18.74	ONE	5.344	296.9	-2.7	33.4										
45020.0	45580.0	0.552	174.1	4.0	0.60	1.331	67.0	0.795	3.993	52.5	155.6	0.817D	7.170A	1.03	0.354	140.0	82.2	3.7	0.353
		12.00	8.64	20.64	ONE	5.344	296.9	-2.7	34.7										
45030.0	45580.0	0.638	175.5	3.1	0.59	1.327	61.5	0.811	3.898	64.5	157.5	0.739D	7.057A	1.13	0.345	141.0	80.5	3.7	0.356
		14.18	8.69	22.87	ONE	5.344	296.9	-2.7	36.4										
ARRIVAL DATE = 2445600.0																			
44900.0	45600.0	0.606	191.6	-6.6	-0.77	1.311	117.2	0.780	3.443	296.9	523.1	0.756	6.130A	1.71	0.293	131.8	73.9	4.2	0.300
		13.34	7.99	21.33	TWO	5.638	298.5	-2.7	44.5										
44910.0	45600.0	0.550	195.4	-8.8	-0.94	1.316	113.7	0.772	3.540	305.0	521.2	0.808	6.271A	1.94	0.306	132.7	76.4	4.4	0.305
		11.96	8.04	20.00	TWO	5.638	298.5	-2.7	42.0										
44920.0	45600.0	0.497	198.3	-11.1	-1.26	1.321	110.1	0.765	3.634	313.3	519.5	0.855	6.414A	2.31	0.318	133.4	78.6	4.7	0.309
		10.67	8.09	18.76	TWO	5.638	298.5	-2.7	39.9										
44930.0	45600.0	0.448	199.4	-14.4	-2.00	1.325	106.4	0.759	3.724	321.8	517.8	0.896	6.552A	3.11	0.328	134.0	80.4	5.4	0.313
		9.50	8.14	17.64	TWO	5.638	298.5	-2.7	38.1										
44940.0	45600.0	0.413	195.9	-25.2	-5.34	1.329	102.7	0.755	3.806	330.5	516.5	0.931	6.681A	6.49	0.337	134.5	81.7	7.9	0.319
		8.73	8.21	16.93	TWO	5.638	298.5	-2.7	37.0										
44950.0	45600.0	0.390	211.3	15.4	7.55	1.332	98.8	0.753	3.875	339.6	515.3	0.958	6.793A	-6.34	0.344	134.9	83.0	-1.8	0.322
		8.22	8.25	16.47	ONE	5.638	298.5	-2.7	35.8										
44960.0	45600.0	0.334	200.2	1.1	2.24	1.334	94.8	0.752	3.929	348.9	514.5	0.976	6.882A	-0.98	0.349	135.2	84.0	2.3	0.323
		7.04	8.26	15.30	ONE	5.638	298.5	-2.7	34.5										
44970.0	45600.0	0.319	193.1	0.5	1.34	1.335	90.6	0.752	3.963	358.6	514.0	0.983	6.944A	-0.03	0.352	135.5	84.5	3.0	0.325
		6.76	8.29	15.05	ONE	5.638	298.5	-2.7	34.0										
44980.0	45600.0	0.327	185.8	1.8	0.97	1.335	86.3	0.754	3.976	8.7	153.9	0.979D	6.973A	0.38	0.353	135.8	84.6	3.3	0.327
		6.92	8.31	15.23	ONE	5.638	298.5	-2.7	33.9										
44990.0	45600.0	0.357	179.6	3.3	0.79	1.334	81.8	0.758	3.965	19.2	154.2	0.961D	6.970A	0.62	0.352	136.1	84.4	3.5	0.329
		7.53	8.33	15.86	ONE	5.638	298.5	-2.7	34.1										
45000.0	45600.0	0.407	175.6	4.3	0.68	1.333	77.0	0.764	3.932	30.0	154.9	0.928D	6.935A	0.79	0.349	136.4	83.8	3.6	0.330
		8.58	8.35	16.94	ONE	5.638	298.5	-2.7	34.7										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 COIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45010.0	45600.0	0.472	173.8	4.5	0.61	1.330	72.1	0.773	3.877	41.3	156.0	0.880D	6.874A	0.93	0.344	136.9	82.8	3.7	0.332
		10.06	8.38	18.44	ONE	5.638	298.5	-2.7	35.7										
45020.0	45600.0	0.548	173.8	4.1	0.57	1.327	67.0	0.785	3.804	52.9	157.5	0.816D	6.792A	1.04	0.337	137.6	81.4	3.7	0.335
		11.90	8.41	20.31	ONE	5.638	298.5	-2.7	37.0										
45030.0	45600.0	0.633	175.3	3.1	0.56	1.323	61.6	0.801	3.719	64.7	159.3	0.738D	6.699A	1.14	0.328	138.5	79.7	3.7	0.339
		14.06	8.46	22.51	ONE	5.638	298.5	-2.7	38.7										
								ARRIVAL DATE = 2445620.0											
44900.0	45620.0	0.602	191.7	-6.5	-0.71	1.309	117.1	0.775	3.359	296.9	524.6	0.757	5.961A	1.67	0.281	129.1	72.9	4.2	0.288
		13.25	7.85	21.10	TWO	5.895	300.1	-2.7	47.1										
44910.0	45620.0	0.546	195.5	-8.6	-0.85	1.313	113.5	0.765	3.444	305.0	522.8	0.809	6.079A	1.87	0.294	130.0	75.5	4.4	0.292
		11.85	7.89	19.74	TWO	5.895	300.1	-2.7	44.5										
44920.0	45620.0	0.492	198.3	-10.6	-1.12	1.318	109.9	0.757	3.527	313.4	521.1	0.856	6.197A	2.19	0.305	130.8	77.8	4.7	0.295
		10.55	7.93	18.48	TWO	5.895	300.1	-2.7	42.3										
44930.0	45620.0	0.442	199.6	-13.6	-1.72	1.322	106.2	0.751	3.605	321.9	519.6	0.898	6.312A	2.84	0.315	131.5	79.7	5.3	0.299
		9.37	7.97	17.35	TWO	5.895	300.1	-2.7	40.4										
44940.0	45620.0	0.402	197.1	-21.2	-3.97	1.325	102.5	0.746	3.675	330.7	518.3	0.932	6.417A	5.13	0.323	132.0	81.1	7.1	0.303
		8.47	8.02	16.50	TWO	5.895	300.1	-2.7	39.1										
44950.0	45620.0	0.421	216.9	25.7	11.35	1.328	98.6	0.743	3.734	339.9	517.2	0.959	6.508A	-10.14	0.330	132.4	82.0	-4.9	0.310
		8.90	8.10	17.01	ONE	5.895	300.1	-2.7	38.8										
44960.0	45620.0	0.329	200.0	1.9	2.36	1.330	94.6	0.742	3.778	349.2	516.4	0.976	6.580A	-1.10	0.335	132.8	83.4	2.2	0.307
		6.96	8.07	15.03	ONE	5.895	300.1	-2.7	36.7										
44970.0	45620.0	0.315	192.5	0.8	1.34	1.331	90.4	0.742	3.806	358.9	516.0	0.983	6.629A	-0.03	0.338	133.1	83.9	3.0	0.309
		6.69	8.09	14.78	ONE	5.895	300.1	-2.7	36.2										
44980.0	45620.0	0.324	185.2	2.0	0.95	1.331	86.1	0.744	3.814	9.1	155.9	0.978D	6.651A	0.40	0.339	133.4	84.0	3.4	0.311
		6.85	8.12	14.97	ONE	5.895	300.1	-2.7	36.1										
44990.0	45620.0	0.354	179.0	3.5	0.76	1.330	81.7	0.748	3.803	19.5	156.2	0.960D	6.645A	0.64	0.337	133.7	83.7	3.6	0.313
		7.47	8.13	15.60	ONE	5.895	300.1	-2.7	36.4										
45000.0	45620.0	0.404	175.1	4.4	0.65	1.329	77.0	0.754	3.771	30.4	156.9	0.927D	6.615A	0.81	0.334	134.0	83.1	3.7	0.314
		8.53	8.15	16.68	ONE	5.895	300.1	-2.7	37.0										
45010.0	45620.0	0.469	173.4	4.6	0.58	1.326	72.1	0.764	3.721	41.6	158.0	0.879D	6.562A	0.94	0.329	134.5	82.0	3.7	0.316
		9.99	8.18	18.17	ONE	5.895	300.1	-2.7	38.0										
45020.0	45620.0	0.544	173.6	4.1	0.54	1.323	67.0	0.777	3.655	53.1	159.4	0.816D	6.494A	1.04	0.321	135.1	80.6	3.8	0.319
		11.81	8.21	20.02	ONE	5.895	300.1	-2.7	39.4										
45030.0	45620.0	0.629	175.2	3.1	0.53	1.319	61.8	0.793	3.577	64.8	161.0	0.739D	6.416A	1.14	0.312	135.9	78.9	3.8	0.323
		13.93	8.26	22.19	ONE	5.895	300.1	-2.7	41.2										
								ARRIVAL DATE = 2445640.0											
44900.0	45640.0	0.599	191.8	-6.4	-0.64	1.306	117.0	0.770	3.289	296.7	526.1	0.757	5.820A	1.63	0.270	126.2	71.8	4.2	0.277
		13.18	7.73	20.91	TWO	6.096	301.7	-2.6	49.8										
44910.0	45640.0	0.563	195.6	-8.5	-0.77	1.311	113.4	0.759	3.364	305.0	524.4	0.810	5.919A	1.81	0.283	127.3	74.5	4.4	0.280
		11.77	7.76	19.53	TWO	6.096	301.7	-2.6	47.1										
44920.0	45640.0	0.488	198.4	-10.5	-1.00	1.315	109.8	0.751	3.438	313.4	522.8	0.857	6.018A	2.08	0.294	128.2	76.9	4.7	0.283
		10.45	7.79	18.24	TWO	6.096	301.7	-2.6	44.8										
44930.0	45640.0	0.437	199.7	-13.0	-1.48	1.319	106.1	0.744	3.506	322.0	521.3	0.899	6.114A	2.61	0.303	128.9	78.9	5.2	0.286
		9.27	7.82	17.09	TWO	6.096	301.7	-2.6	42.8										
44940.0	45640.0	0.394	198.0	-18.6	-3.07	1.322	102.3	0.738	3.567	330.9	520.0	0.933	6.201A	4.24	0.311	129.5	80.4	6.5	0.289
		8.31	7.86	16.17	TWO	6.096	301.7	-2.6	41.4										
44950.0	45640.0	0.624	242.0	48.1	25.89	1.325	98.4	0.735	3.618	340.1	519.0	0.960	6.276A	-24.67	0.318	130.0	78.8	-15.4	0.322
		13.81	8.25	22.06	ONE	6.096	301.7	-2.6	46.1										
44960.0	45640.0	0.326	199.9	2.7	2.52	1.327	94.5	0.733	3.656	349.5	518.3	0.977	6.335A	-1.26	0.322	130.4	82.6	2.0	0.293
		6.89	7.90	14.79	ONE	6.096	301.7	-2.6	39.0										
44970.0	45640.0	0.312	192.1	1.0	1.34	1.327	90.3	0.733	3.678	359.2	517.9	0.983	6.373A	-0.03	0.325	130.7	83.1	3.0	0.295
		6.62	7.92	14.54	ONE	6.096	301.7	-2.6	38.5										
44980.0	45640.0	0.321	184.7	2.2	0.93	1.328	86.0	0.735	3.684	9.4	157.8	0.978D	6.390A	0.41	0.325	131.0	83.2	3.4	0.297
		6.80	7.94	14.74	ONE	6.096	301.7	-2.6	38.4										
44990.0	45640.0	0.352	178.6	3.6	0.73	1.327	81.6	0.739	3.672	19.8	158.1	0.959D	6.384A	0.66	0.324	131.2	83.0	3.6	0.298
		7.42	7.96	15.38	ONE	6.096	301.7	-2.6	38.7										
45000.0	45640.0	0.401	174.7	4.5	0.62	1.325	76.9	0.746	3.642	30.7	158.8	0.926D	6.357A	0.83	0.320	131.5	82.3	3.7	0.300
		8.47	7.98	16.45	ONE	6.096	301.7	-2.6	39.4										
45010.0	45640.0	0.466	173.2	4.6	0.55	1.322	72.1	0.756	3.595	41.8	159.8	0.878D	6.312A	0.95	0.315	131.9	81.2	3.8	0.302
		9.92	8.00	17.92	ONE	6.096	301.7	-2.6	40.5										
45020.0	45640.0	0.541	173.5	4.1	0.51	1.319	67.1	0.769	3.535	53.3	161.1	0.816D	6.254A	1.05	0.307	132.5	79.7	3.8	0.304
		11.72	8.04	19.75	ONE	6.096	301.7	-2.6	41.9										
45030.0	45640.0	0.624	175.2	3.1	0.49	1.315	61.9	0.786	3.464	64.9	162.7	0.740D	6.189A	1.14	0.298	133.2	78.0	3.8	0.309
		13.81	8.08	21.89	ONE	6.096	301.7	-2.6	43.7										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2445660.0											
44900.0	45660.0	0.598	192.0	-6.4	-0.59	1.304	117.0	0.766	3.230	296.6	527.5	0.757	5.703A	1.59	0.261	123.2	70.7	4.2	0.267
		13.14	7.62	20.76	TWO	6.225	303.3	-2.6	52.6										
44910.0	45660.0	0.560	195.7	-8.4	-0.69	1.309	113.4	0.754	3.298	304.9	525.9	0.810	5.786A	1.75	0.273	124.4	73.5	4.4	0.269
		11.71	7.64	19.35	TWO	6.225	303.3	-2.6	49.8										
44920.0	45660.0	0.485	198.5	-10.3	-0.88	1.313	109.7	0.745	3.364	313.4	524.3	0.858	5.870A	1.98	0.284	125.4	75.9	4.7	0.271
		10.38	7.66	18.05	TWO	6.225	303.3	-2.6	47.4										
44930.0	45660.0	0.434	199.9	-12.4	-1.28	1.316	106.0	0.737	3.424	322.1	522.9	0.899	5.950A	2.42	0.293	126.3	77.9	5.1	0.274
		9.19	7.69	16.88	TWO	6.225	303.3	-2.6	45.3										
44940.0	45660.0	0.389	198.6	-16.6	-2.44	1.319	102.2	0.732	3.478	331.0	521.7	0.934	6.023A	3.62	0.300	126.9	79.6	6.2	0.277
		8.19	7.72	15.91	TWO	6.225	303.3	-2.6	43.8										
44960.0	45660.0	0.323	200.0	3.7	2.73	1.324	94.3	0.725	3.555	349.6	520.1	0.977	6.133A	-1.47	0.311	127.9	81.8	1.8	0.280
		6.84	7.76	14.60	ONE	6.225	303.3	-2.6	41.5										
44970.0	45660.0	0.309	191.7	1.2	1.34	1.324	90.2	0.725	3.574	359.4	519.7	0.983	6.164A	-0.04	0.313	128.2	82.3	3.0	0.282
		6.56	7.78	14.34	ONE	6.225	303.3	-2.6	40.9										
44980.0	45660.0	0.318	184.3	2.3	0.91	1.324	86.0	0.727	3.577	9.6	159.6	0.978D	6.177A	0.43	0.313	128.5	82.4	3.4	0.283
		6.74	7.79	14.54	ONE	6.225	303.3	-2.6	40.8										
44990.0	45660.0	0.349	178.2	3.6	0.71	1.324	81.5	0.731	3.565	20.1	159.9	0.959D	6.171A	0.68	0.312	128.7	82.1	3.6	0.285
		7.36	7.81	15.17	ONE	6.225	303.3	-2.6	41.1										
45000.0	45660.0	0.399	174.5	4.5	0.59	1.322	76.9	0.738	3.537	30.9	160.5	0.926D	6.147A	0.85	0.308	129.0	81.4	3.7	0.286
		8.41	7.83	16.24	ONE	6.225	303.3	-2.6	41.8										
45010.0	45660.0	0.463	173.0	4.6	0.52	1.319	72.2	0.749	3.494	42.0	161.5	0.878D	6.109A	0.97	0.302	129.3	80.3	3.8	0.288
		9.85	7.85	17.70	ONE	6.225	303.3	-2.6	43.0										
45020.0	45660.0	0.537	173.4	4.0	0.48	1.316	67.2	0.763	3.438	53.3	162.7	0.817D	6.060A	1.06	0.295	129.8	78.8	3.8	0.291
		11.63	7.88	19.51	ONE	6.225	303.3	-2.6	44.5										
45030.0	45660.0	0.619	175.2	3.0	0.46	1.312	62.1	0.780	3.373	64.8	164.2	0.741D	6.004A	1.15	0.285	130.4	77.0	3.8	0.296
		13.69	7.93	21.62	ONE	6.225	303.3	-2.6	46.3										
								ARRIVAL DATE = 2445680.0											
44900.0	45680.0	0.597	192.2	-6.3	-0.53	1.302	117.0	0.762	3.180	296.3	528.9	0.756	5.605A	1.56	0.253	120.2	69.4	4.2	0.259
		13.11	7.53	20.64	TWO	6.272	304.9	-2.5	55.4										
44910.0	45680.0	0.538	195.9	-8.3	-0.62	1.307	113.4	0.750	3.242	304.8	527.3	0.809	5.675A	1.69	0.264	121.6	72.3	4.4	0.260
		11.67	7.54	19.21	TWO	6.272	304.9	-2.5	52.6										
44920.0	45680.0	0.483	198.7	-10.1	-0.78	1.311	109.7	0.740	3.301	313.3	525.9	0.858	5.745A	1.89	0.274	122.7	74.8	4.6	0.261
		10.33	7.56	17.88	TWO	6.272	304.9	-2.5	50.1										
44930.0	45680.0	0.431	200.1	-12.0	-1.10	1.314	105.9	0.732	3.356	322.0	524.5	0.899	5.812A	2.25	0.283	123.6	76.9	5.0	0.263
		9.12	7.58	16.70	TWO	6.272	304.9	-2.5	48.0										
44940.0	45680.0	0.385	199.1	-15.2	-1.96	1.317	102.1	0.726	3.404	331.0	523.4	0.934	5.874A	3.15	0.291	124.3	78.6	5.9	0.265
		8.11	7.60	15.71	TWO	6.272	304.9	-2.5	46.3										
44950.0	45680.0	0.406	184.1	-42.9	-10.83	1.319	98.3	0.721	3.443	340.2	522.4	0.960	5.926A	12.06	0.296	124.9	79.1	13.7	0.275
		8.57	7.70	16.28	TWO	6.272	304.9	-2.5	46.6										
44960.0	45680.0	0.321	200.3	4.9	3.03	1.321	94.3	0.719	3.471	349.8	521.8	0.977	5.966A	-1.76	0.300	125.3	80.9	1.4	0.268
		6.80	7.63	14.43	ONE	6.272	304.9	-2.5	44.0										
44970.0	45680.0	0.306	191.5	1.4	1.35	1.322	90.2	0.718	3.487	359.6	521.4	0.983	5.991A	-0.04	0.302	125.6	81.5	3.0	0.270
		6.51	7.64	14.16	ONE	6.272	304.9	-2.5	43.4										
44980.0	45680.0	0.316	184.0	2.3	0.88	1.322	85.9	0.720	3.489	9.7	161.4	0.977D	6.001A	0.46	0.303	125.9	81.6	3.4	0.271
		6.70	7.66	14.36	ONE	6.272	304.9	-2.5	43.3										
44990.0	45680.0	0.347	178.0	3.6	0.67	1.321	81.5	0.724	3.477	20.2	161.6	0.959D	5.995A	0.71	0.301	126.1	81.2	3.7	0.272
		7.32	7.67	14.99	ONE	6.272	304.9	-2.5	43.6										
45000.0	45680.0	0.390	174.3	4.4	0.56	1.319	77.0	0.732	3.450	31.0	162.2	0.926D	5.975A	0.87	0.297	126.3	80.5	3.8	0.274
		8.35	7.69	16.05	ONE	6.272	304.9	-2.5	44.4										
45010.0	45680.0	0.459	172.9	4.5	0.49	1.317	72.2	0.742	3.410	42.0	163.2	0.879D	5.942A	0.98	0.291	126.6	79.3	3.8	0.276
		9.78	7.72	17.49	ONE	6.272	304.9	-2.5	45.5										
45020.0	45680.0	0.533	173.4	4.0	0.45	1.313	67.3	0.757	3.359	53.3	164.3	0.817D	5.900A	1.07	0.284	127.0	77.8	3.9	0.279
		11.53	7.75	19.28	ONE	6.272	304.9	-2.5	47.1										
45030.0	45680.0	0.614	175.2	3.0	0.43	1.310	62.3	0.775	3.298	64.7	165.7	0.743D	5.853A	1.15	0.274	127.5	75.9	3.9	0.284
		13.56	7.80	21.36	ONE	6.272	304.9	-2.5	48.9										
								ARRIVAL DATE = 2445700.0											
44900.0	45700.0	0.596	192.4	-6.3	-0.48	1.301	117.1	0.760	3.139	296.1	530.2	0.754	5.523A	1.53	0.245	117.1	68.1	4.2	0.251
		13.11	7.45	20.56	TWO	6.232	306.5	-2.5	58.4										
44910.0	45700.0	0.538	196.1	-8.2	-0.55	1.305	113.4	0.747	3.195	304.5	528.7	0.809	5.582A	1.64	0.256	118.6	71.1	4.4	0.251
		11.64	7.45	19.10	TWO	6.232	306.5	-2.5	55.4										
44920.0	45700.0	0.481	198.9	-9.9	-0.69	1.309	109.7	0.736	3.249	313.2	527.3	0.857	5.641A	1.82	0.266	119.8	73.6	4.6	0.252
		10.29	7.46	17.75	TWO	6.232	306.5	-2.5	52.8										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
44930.0	45700.0	0.429 9.07	200.4 7.48	-11.6 16.55	-0.94 TWO	1.312 6.232	105.9 306.5	0.727 -2.5	3.298 50.7	322.0	526.0	0.899	5.698A	2.11	0.275	120.8	75.8	4.9	0.253
44940.0	45700.0	0.382 8.05	199.6 7.49	-14.1 15.54	-1.60 TWO	1.315 6.232	102.1 306.5	0.720 -2.5	3.342 48.9	331.0	524.9	0.934	5.749A	2.80	0.282	121.6	77.6	5.6	0.255
44950.0	45700.0	0.360 7.59	191.4 7.53	-28.3 15.12	-5.79 TWO	1.317 6.232	98.2 306.5	0.716 -2.5	3.377 48.1	340.2	524.1	0.960	5.793A	7.02	0.287	122.2	78.7	9.6	0.259
44960.0	45700.0	0.321 6.79	201.0 7.52	6.7 14.31	3.47 ONE	1.319 6.232	94.2 306.5	0.713 -2.5	3.402 46.6	349.8	523.4	0.977	5.826A	-2.20	0.291	122.7	80.0	0.9	0.258
44970.0	45700.0	0.304 6.47	191.5 7.53	1.5 14.00	1.35 ONE	1.320 6.232	90.2 306.5	0.712 -2.5	3.415 46.0	359.6	523.1	0.983	5.847A	-0.04	0.293	123.0	80.5	3.0	0.259
44980.0	45700.0	0.314 6.65	183.8 7.54	2.3 14.20	0.86 ONE	1.319 6.232	85.9 306.5	0.714 -2.5	3.416 45.9	9.8	163.0	0.977D	5.855A	0.48	0.293	123.3	80.6	3.5	0.260
44990.0	45700.0	0.345 7.27	177.9 7.56	3.6 14.83	0.64 ONE	1.319 6.232	81.6 306.5	0.718 -2.5	3.404 46.2	20.2	163.3	0.959D	5.850A	0.73	0.291	123.5	80.3	3.7	0.261
45000.0	45700.0	0.394 8.30	174.2 7.57	4.4 15.87	0.53 ONE	1.317 6.232	77.0 306.5	0.726 -2.5	3.379 47.0	31.0	163.9	0.926D	5.832A	0.89	0.288	123.7	79.5	3.8	0.263
45010.0	45700.0	0.456 9.70	172.9 7.60	4.4 17.30	0.46 ONE	1.314 6.232	72.3 306.5	0.737 -2.5	3.342 48.2	42.0	164.7	0.879D	5.804A	1.00	0.282	123.9	78.3	3.9	0.265
45020.0	45700.0	0.529 11.44	173.4 7.63	3.9 19.07	0.42 ONE	1.311 6.232	67.5 306.5	0.751 -2.5	3.294 49.7	53.2	165.8	0.819D	5.768A	1.09	0.274	124.1	76.7	3.9	0.269
45030.0	45700.0	0.609 13.44	175.3 7.68	2.8 21.12	0.39 ONE	1.307 6.232	62.5 306.5	0.770 -2.5	3.237 51.6	64.5	167.1	0.746D	5.728A	1.16	0.264	124.6	74.9	3.9	0.273
ARRIVAL DATE = 2445720.0																			
44900.0	45720.0	0.597 13.12	192.6 7.39	-6.3 20.51	-0.42 TWO	1.299 6.108	117.2 308.1	0.758 -2.4	3.104 61.3	295.7	531.5	0.752	5.455A	1.50	0.239	114.0	66.7	4.2	0.244
44910.0	45720.0	0.537 11.64	196.4 7.38	-8.1 19.02	-0.49 TWO	1.303 6.108	113.4 308.1	0.744 -2.4	3.156 58.3	304.3	530.1	0.807	5.504A	1.60	0.250	115.6	69.8	4.4	0.244
44920.0	45720.0	0.480 10.27	199.2 7.38	-9.8 17.65	-0.60 TWO	1.307 6.108	109.7 308.1	0.733 -2.4	3.205 55.7	313.0	528.7	0.857	5.553A	1.74	0.259	117.0	72.4	4.6	0.244
44930.0	45720.0	0.427 9.04	200.7 7.39	-11.3 16.43	-0.81 TWO	1.310 6.108	105.9 308.1	0.723 -2.4	3.250 53.4	321.8	527.5	0.899	5.601A	1.99	0.267	118.0	74.7	4.9	0.245
44940.0	45720.0	0.380 8.00	200.1 7.40	-13.2 15.40	-1.30 TWO	1.313 6.108	102.1 308.1	0.716 -2.4	3.289 51.6	330.9	526.5	0.934	5.644A	2.51	0.274	118.9	76.5	5.4	0.246
44950.0	45720.0	0.347 7.32	194.5 7.42	-21.4 14.74	-3.70 TWO	1.315 6.108	98.2 308.1	0.711 -2.4	3.321 50.4	340.2	525.6	0.960	5.681A	4.94	0.279	119.6	77.8	7.8	0.248
44960.0	45720.0	0.323 6.83	202.3 7.42	9.4 14.25	4.21 ONE	1.317 6.108	94.2 308.1	0.708 -2.4	3.343 49.3	349.8	525.0	0.977	5.709A	-2.94	0.283	120.1	78.9	0.1	0.248
44970.0	45720.0	0.302 6.43	191.5 7.43	1.5 13.86	1.36 ONE	1.318 6.108	90.2 308.1	0.707 -2.4	3.355 48.6	359.6	524.7	0.983	5.727A	-0.05	0.285	120.4	79.5	3.0	0.249
44980.0	45720.0	0.311 6.61	183.8 7.44	2.1 14.05	0.82 ONE	1.317 6.108	85.9 308.1	0.709 -2.4	3.355 48.5	9.8	164.6	0.977D	5.733A	0.51	0.285	120.7	79.6	3.5	0.250
44990.0	45720.0	0.342 7.27	177.8 7.45	3.4 14.68	0.61 ONE	1.317 6.108	81.6 308.1	0.713 -2.4	3.343 48.9	20.2	164.9	0.959D	5.728A	0.76	0.283	120.8	79.2	3.8	0.251
45000.0	45720.0	0.391 8.24	174.3 7.47	4.2 15.71	0.49 ONE	1.315 6.108	77.1 308.1	0.721 -2.4	3.320 49.7	30.9	165.4	0.926D	5.713A	0.91	0.279	121.0	78.4	3.9	0.253
45010.0	45720.0	0.453 9.63	173.0 7.50	4.3 17.13	0.42 ONE	1.312 6.108	72.5 308.1	0.732 -2.4	3.285 50.9	41.9	166.2	0.880D	5.689A	1.02	0.273	121.1	77.2	3.9	0.255
45020.0	45720.0	0.525 11.34	173.5 7.53	3.8 18.87	0.38 ONE	1.309 6.108	67.6 308.1	0.747 -2.4	3.240 52.4	53.0	167.2	0.821D	5.659A	1.10	0.266	121.3	75.6	3.9	0.259
45030.0	45720.0	0.604 13.31	175.5 7.58	2.7 20.90	0.36 ONE	1.306 6.108	62.7 308.1	0.765 -2.4	3.187 54.3	64.2	168.4	0.748D	5.625A	1.17	0.256	121.5	73.7	3.9	0.264
ARRIVAL DATE = 2445740.0																			
44900.0	45740.0	0.598 13.15	192.9 7.33	-6.3 20.48	-0.37 TWO	1.298 5.908	117.3 309.8	0.756 -2.4	3.074 64.3	295.4	532.8	0.750	5.398A	1.47	0.233	110.9	65.3	4.1	0.239
44910.0	45740.0	0.538 11.65	196.6 7.32	-8.1 18.97	-0.43 TWO	1.302 5.908	113.5 309.8	0.742 -2.4	3.122 61.3	304.0	531.4	0.806	5.438A	1.56	0.244	112.6	68.4	4.3	0.237
44920.0	45740.0	0.480 10.27	199.5 7.31	-9.7 17.58	-0.52 TWO	1.306 5.908	109.7 309.8	0.730 -2.4	3.168 58.6	312.7	530.1	0.856	5.480A	1.68	0.253	114.1	71.1	4.5	0.237
44930.0	45740.0	0.427 9.03	201.0 7.32	-11.0 16.34	-0.69 TWO	1.309 5.908	105.9 309.8	0.720 -2.4	3.209 56.3	321.6	528.9	0.898	5.520A	1.88	0.261	115.2	73.4	4.8	0.237
44940.0	45740.0	0.379 7.97	200.6 7.32	-12.6 15.29	-1.06 TWO	1.312 5.908	102.1 309.8	0.712 -2.4	3.245 54.4	330.7	527.9	0.934	5.556A	2.28	0.267	116.2	75.3	5.3	0.237
44950.0	45740.0	0.342 7.21	196.3 7.33	-17.6 14.54	-2.57 TWO	1.314 5.908	98.2 309.8	0.707 -2.4	3.274 53.1	340.1	527.1	0.960	5.587A	3.81	0.272	116.9	76.7	6.9	0.239

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COAST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
44960.0	45740.0	0.330	204.9	14.8	5.72	1.315	94.3	0.703	3.294	349.7	526.5	0.977	5.611A	-4.45	0.276	117.4	77.7	-1.5	0.240
		6.98	7.34	14.33	ONE	5.908	309.8	-2.4	52.2										
44970.0	45740.0	0.300	191.6	1.5	1.36	1.316	90.2	0.702	3.304	359.6	526.2	0.983	5.626A	-0.06	0.278	117.8	78.4	2.9	0.240
		6.40	7.34	13.74	ONE	5.908	309.8	-2.4	51.4										
44980.0	45740.0	0.309	183.9	2.0	0.79	1.316	86.0	0.704	3.304	9.7	166.2	0.978D	5.631A	0.54	0.278	118.0	78.4	3.6	0.241
		6.58	7.35	13.93	ONE	5.908	309.8	-2.4	51.3										
44990.0	45740.0	0.340	177.9	3.3	0.57	1.315	81.7	0.709	3.293	20.1	166.4	0.959D	5.626A	0.80	0.276	118.2	78.1	3.8	0.242
		7.18	7.37	14.54	ONE	5.908	309.8	-2.4	51.6										
45000.0	45740.0	0.388	174.3	4.1	0.45	1.313	77.2	0.716	3.270	30.8	166.9	0.927D	5.613A	0.94	0.272	118.2	77.3	3.9	0.244
		8.18	7.38	15.56	ONE	5.908	309.8	-2.4	52.4										
45010.0	45740.0	0.450	173.1	4.2	0.39	1.311	72.6	0.728	3.237	41.7	167.7	0.882D	5.593A	1.04	0.266	118.3	76.1	4.0	0.247
		9.55	7.41	16.96	ONE	5.908	309.8	-2.4	53.6										
45020.0	45740.0	0.521	173.7	3.6	0.35	1.308	67.8	0.743	3.195	52.7	168.6	0.823D	5.567A	1.11	0.258	118.3	74.5	4.0	0.250
		11.24	7.45	18.68	ONE	5.908	309.8	-2.4	55.2										
45030.0	45740.0	0.599	175.6	2.6	0.33	1.304	62.9	0.761	3.145	63.9	169.7	0.751D	5.539A	1.18	0.248	118.5	72.6	3.9	0.255
		13.19	7.50	20.68	ONE	5.908	309.8	-2.4	57.1										

ARRIVAL DATE = 2445760.0

44900.0	45760.0	0.600	193.2	-6.3	-0.32	1.297	117.4	0.755	3.049	294.9	533.9	0.747	5.351A	1.44	0.229	107.7	63.9	4.1	0.234
		13.20	7.29	20.48	TWO	5.645	311.4	-2.3	67.4										
44910.0	45760.0	0.539	196.9	-8.1	-0.37	1.301	113.6	0.740	3.094	303.6	532.6	0.804	5.384A	1.52	0.239	109.6	67.0	4.3	0.232
		11.67	7.27	18.94	TWO	5.645	311.4	-2.3	64.3										
44920.0	45760.0	0.481	199.8	-9.6	-0.44	1.304	109.8	0.728	3.136	312.4	531.4	0.854	5.418A	1.62	0.248	111.2	69.8	4.5	0.230
		10.28	7.26	17.53	TWO	5.645	311.4	-2.3	61.5										
44930.0	45760.0	0.426	201.4	-10.8	-0.58	1.308	106.0	0.717	3.174	321.4	530.3	0.897	5.451A	1.78	0.255	112.4	72.1	4.7	0.230
		9.02	7.25	16.28	TWO	5.645	311.4	-2.3	59.2										
44940.0	45760.0	0.378	201.1	-12.0	-0.86	1.310	102.2	0.709	3.208	330.5	529.3	0.933	5.482A	2.09	0.262	113.4	74.0	5.1	0.230
		7.96	7.25	15.21	TWO	5.645	311.4	-2.3	57.3										
44950.0	45760.0	0.339	197.5	-15.1	-1.85	1.312	98.3	0.703	3.234	339.9	528.6	0.960	5.508A	3.10	0.266	114.2	75.5	6.2	0.231
		7.15	7.26	14.41	TWO	5.645	311.4	-2.3	55.9										
44960.0	45760.0	0.373	213.0	29.0	10.39	1.314	94.3	0.700	3.252	349.6	528.0	0.977	5.528A	-9.11	0.270	114.7	76.3	-6.5	0.236
		7.85	7.31	15.16	ONE	5.645	311.4	-2.3	55.7										
44970.0	45760.0	0.299	191.9	1.5	1.37	1.314	90.2	0.699	3.262	359.4	527.7	0.983	5.540A	-0.07	0.271	115.1	77.2	2.9	0.231
		6.37	7.27	13.64	ONE	5.645	311.4	-2.3	54.1										
44980.0	45760.0	0.308	184.0	1.7	0.75	1.314	86.1	0.700	3.261	9.6	167.7	0.978D	5.545A	0.58	0.271	115.3	77.3	3.6	0.233
		6.54	7.27	13.81	ONE	5.645	311.4	-2.3	54.0										
44990.0	45760.0	0.338	178.0	3.0	0.52	1.313	81.8	0.705	3.250	20.0	167.9	0.960D	5.541A	0.83	0.269	115.5	76.9	3.9	0.234
		7.13	7.29	14.42	ONE	5.645	311.4	-2.3	54.4										
45000.0	45760.0	0.385	174.5	3.9	0.41	1.312	77.3	0.713	3.229	30.6	168.3	0.928D	5.530A	0.97	0.265	115.5	76.1	4.0	0.236
		8.12	7.31	15.43	ONE	5.645	311.4	-2.3	55.2										
45010.0	45760.0	0.446	173.3	4.0	0.35	1.309	72.8	0.724	3.198	41.4	169.0	0.883D	5.513A	1.06	0.260	115.5	74.9	4.0	0.239
		9.47	7.33	16.80	ONE	5.645	311.4	-2.3	56.4										
45020.0	45760.0	0.517	173.9	3.4	0.31	1.306	68.0	0.739	3.158	52.4	169.9	0.825D	5.491A	1.13	0.252	115.4	73.3	4.0	0.243
		11.13	7.37	18.50	ONE	5.645	311.4	-2.3	58.0										
45030.0	45760.0	0.594	175.9	2.4	0.29	1.303	63.1	0.757	3.111	63.5	170.9	0.755D	5.467A	1.19	0.242	115.4	71.4	4.0	0.248
		13.06	7.42	20.48	ONE	5.645	311.4	-2.3	59.9										

ARRIVAL DATE = 2445780.0

44900.0	45780.0	0.602	193.6	-6.4	-0.28	1.296	117.6	0.754	3.028	294.4	535.1	0.744	5.313A	1.42	0.225	104.6	62.5	4.1	0.230
		13.26	7.25	20.51	TWO	5.341	313.0	-2.2	70.4										
44910.0	45780.0	0.540	197.3	-8.1	-0.31	1.300	113.8	0.739	3.070	303.2	533.9	0.801	5.339A	1.48	0.234	106.6	65.6	4.3	0.227
		11.72	7.22	18.94	TWO	5.341	313.0	-2.2	67.3										
44920.0	45780.0	0.482	200.2	-9.5	-0.37	1.303	109.9	0.726	3.110	312.1	532.7	0.852	5.367A	1.56	0.243	108.3	68.4	4.5	0.225
		10.30	7.21	17.51	TWO	5.341	313.0	-2.2	64.5										
44930.0	45780.0	0.427	201.8	-10.7	-0.48	1.306	106.1	0.715	3.145	321.1	531.6	0.896	5.394A	1.69	0.251	109.6	70.8	4.7	0.224
		9.03	7.20	16.23	TWO	5.341	313.0	-2.2	62.2										
44940.0	45780.0	0.378	201.6	-11.6	-0.69	1.309	102.3	0.706	3.176	330.3	530.7	0.932	5.420A	1.93	0.257	110.7	72.7	5.0	0.224
		7.96	7.19	15.15	TWO	5.341	313.0	-2.2	60.2										
44950.0	45780.0	0.337	198.6	-13.5	-1.36	1.311	98.4	0.700	3.200	339.7	530.0	0.959	5.442A	2.62	0.261	111.5	74.2	5.8	0.224
		7.12	7.20	14.32	TWO	5.341	313.0	-2.2	58.7										
44970.0	45780.0	0.298	192.2	1.4	1.38	1.313	90.3	0.695	3.226	359.2	529.1	0.983	5.469A	-0.08	0.266	112.5	76.0	2.9	0.224
		6.35	7.20	13.55	ONE	5.341	313.0	-2.2	57.0										
44980.0	45780.0	0.306	184.2	1.4	0.70	1.313	86.2	0.697	3.225	9.4	169.1	0.978D	5.472A	0.63	0.266	112.7	76.1	3.7	0.225
		6.51	7.21	13.71	ONE	5.341	313.0	-2.2	56.9										
44990.0	45780.0	0.335	178.3	2.8	0.48	1.312	81.9	0.701	3.215	19.7	169.3	0.960D	5.469A	0.87	0.264	112.8	75.7	3.9	0.227
		7.08	7.22	14.30	ONE	5.341	313.0	-2.2	57.2										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45000.0	45780.0	0.382 8.06	174.7 7.24	3.6 15.30	0.37 ONE	1.310 5.341	77.5 313.0	0.709 -2.2	3.194 58.9	30.3	169.7	0.9290	5.460A	1.00	0.260	112.7	74.9	4.0	0.229
45010.0	45780.0	0.443 9.39	173.5 7.27	3.8 16.66	0.31 ONE	1.308 5.341	72.9 313.0	0.720 -2.2	3.165 59.2	41.1	170.3	0.8850	5.445A	1.08	0.254	112.6	73.7	4.0	0.232
45020.0	45780.0	0.512 11.03	174.1 7.31	3.3 18.33	0.28 ONE	1.305 5.341	68.2 313.0	0.735 -2.2	3.127 60.8	52.0	171.2	0.8280	5.427A	1.15	0.247	112.5	72.1	4.0	0.236
45030.0	45780.0	0.589 12.93	176.1 7.36	2.2 20.28	0.26 ONE	1.302 5.341	63.4 313.0	0.754 -2.2	3.083 62.7	63.0	172.1	0.7580	5.408A	1.20	0.237	112.3	70.3	4.0	0.241
ARRIVAL DATE = 2445800.0																			
44900.0	45800.0	0.605 13.34	193.9 7.22	-6.4 20.56	-0.23 TWO	1.295 5.019	117.8 314.6	0.754 -2.2	3.011 73.4	293.9	536.2	0.741	5.282A	1.40	0.222	101.4	61.1	4.0	0.227
44910.0	45800.0	0.543 11.77	197.6 7.19	-8.1 18.96	-0.26 TWO	1.299 5.019	113.9 314.6	0.738 -2.2	3.050 70.3	302.7	535.0	0.799	5.302A	1.45	0.231	103.6	64.2	4.2	0.223
44920.0	45800.0	0.483 10.34	200.6 7.17	-9.5 17.50	-0.31 TWO	1.303 5.019	110.1 314.6	0.725 -2.2	3.087 67.5	311.6	533.9	0.850	5.324A	1.52	0.239	105.4	67.0	4.4	0.221
44930.0	45800.0	0.428 9.06	202.3 7.15	-10.5 16.21	-0.39 TWO	1.306 5.019	106.2 314.6	0.713 -2.2	3.121 65.1	320.7	532.9	0.895	5.347A	1.62	0.247	106.8	69.4	4.6	0.219
44940.0	45800.0	0.378 7.96	202.2 7.14	-11.3 15.11	-0.55 TWO	1.308 5.019	102.4 314.6	0.704 -2.2	3.149 63.2	329.9	532.0	0.931	5.368A	1.80	0.252	107.9	71.4	4.9	0.218
44950.0	45800.0	0.337 7.11	199.5 7.14	-12.4 14.25	-1.00 TWO	1.310 5.019	98.5 314.6	0.698 -2.2	3.172 61.6	339.4	531.3	0.959	5.386A	2.26	0.257	108.8	72.9	5.5	0.218
44960.0	45800.0	0.336 7.09	185.3 7.18	-32.2 14.27	-6.76 TWO	1.311 5.019	94.5 314.6	0.694 -2.2	3.188 61.2	349.0	530.8	0.976	5.400A	8.04	0.260	109.4	73.6	11.8	0.222
44970.0	45800.0	0.296 6.33	192.7 7.14	1.3 13.47	1.40 ONE	1.312 5.019	90.4 314.6	0.692 -2.2	3.196 59.9	359.0	530.5	0.983	5.408A	-0.09	0.261	109.8	74.7	2.9	0.218
44980.0	45800.0	0.304 6.47	184.6 7.15	1.0 13.62	0.64 ONE	1.312 5.019	86.3 314.6	0.694 -2.2	3.195 59.8	9.1	170.4	0.9780	5.411A	0.68	0.261	110.0	74.8	3.7	0.219
44990.0	45800.0	0.333 7.04	178.6 7.16	2.4 14.20	0.43 ONE	1.311 5.019	82.0 314.6	0.698 -2.2	3.185 60.1	19.5	170.6	0.9610	5.409A	0.92	0.259	110.1	74.5	4.0	0.220
45000.0	45800.0	0.380 7.99	175.0 7.18	3.4 15.18	0.33 ONE	1.309 5.019	77.6 314.6	0.706 -2.2	3.166 60.9	30.0	171.0	0.9300	5.401A	1.03	0.256	110.0	73.7	4.1	0.222
45010.0	45800.0	0.439 9.31	173.8 7.21	3.5 16.52	0.27 ONE	1.307 5.019	73.1 314.6	0.717 -2.2	3.138 62.1	40.7	171.6	0.8870	5.389A	1.11	0.250	109.8	72.5	4.1	0.226
45020.0	45800.0	0.508 10.92	174.4 7.25	3.0 18.17	0.24 ONE	1.304 5.019	68.5 314.6	0.732 -2.2	3.102 63.6	51.6	172.3	0.8300	5.374A	1.17	0.243	109.6	70.9	4.1	0.230
45030.0	45800.0	0.584 12.79	176.4 7.30	2.0 20.10	0.22 ONE	1.301 5.019	63.7 314.6	0.751 -2.2	3.060 65.5	62.5	173.2	0.7620	5.358A	1.21	0.233	109.3	69.1	4.0	0.236
ARRIVAL DATE = 2445820.0																			
44900.0	45820.0	0.609 13.43	194.3 7.20	-6.5 20.63	-0.19 TWO	1.295 4.712	118.1 316.3	0.754 -2.1	2.997 76.4	293.3	537.3	0.737	5.258A	1.38	0.219	98.3	59.7	4.0	0.224
44910.0	45820.0	0.546 11.84	198.0 7.16	-8.1 19.00	-0.21 TWO	1.298 4.712	114.1 316.3	0.738 -2.1	3.034 73.3	302.2	536.1	0.796	5.273A	1.42	0.228	100.6	62.8	4.2	0.220
44920.0	45820.0	0.485 10.39	201.0 7.13	-9.5 17.92	-0.24 TWO	1.302 4.712	110.2 316.3	0.724 -2.1	3.069 70.6	311.2	535.1	0.848	5.290A	1.47	0.236	102.5	65.6	4.4	0.217
44930.0	45820.0	0.429 9.09	202.7 7.11	-10.5 16.20	-0.30 TWO	1.305 4.712	106.4 316.3	0.712 -2.1	3.100 68.2	320.3	534.1	0.893	5.307A	1.55	0.243	104.0	68.0	4.5	0.215
44940.0	45820.0	0.379 7.98	202.8 7.10	-11.1 15.08	-0.42 TWO	1.307 4.712	102.5 316.3	0.703 -2.1	3.127 66.2	329.6	533.3	0.930	5.324A	1.68	0.249	105.2	70.0	4.8	0.213
44950.0	45820.0	0.337 7.11	200.4 7.10	-11.6 14.21	-0.72 TWO	1.309 4.712	98.6 316.3	0.696 -2.1	3.149 64.6	339.1	532.6	0.958	5.339A	1.99	0.253	106.1	71.6	5.2	0.213
44960.0	45820.0	0.312 6.63	192.4 7.10	-18.5 13.73	-2.87 TWO	1.310 4.712	94.6 316.3	0.691 -2.1	3.163 63.6	348.7	532.1	0.976	5.351A	4.16	0.256	106.8	72.6	7.7	0.213
44970.0	45820.0	0.296 6.31	193.3 7.10	1.2 13.41	1.42 ONE	1.311 4.712	90.6 316.3	0.690 -2.1	3.170 62.8	358.6	531.8	0.983	5.358A	-0.12	0.258	107.2	73.4	2.8	0.212
44980.0	45820.0	0.302 6.44	185.0 7.10	0.6 13.54	0.58 ONE	1.311 4.712	86.4 316.3	0.691 -2.1	3.170 62.7	8.8	171.8	0.9790	5.360A	0.74	0.257	107.4	73.5	3.8	0.213
44990.0	45820.0	0.331 6.99	178.9 7.12	2.0 14.11	0.37 ONE	1.310 4.712	82.2 316.3	0.696 -2.1	3.160 63.0	19.1	171.9	0.9620	5.358A	0.97	0.255	107.4	73.2	4.0	0.215
45000.0	45820.0	0.376 7.93	175.3 7.13	3.0 15.06	0.26 ONE	1.308 4.712	77.8 316.3	0.703 -2.1	3.142 63.8	29.6	172.3	0.9320	5.352A	1.07	0.252	107.3	72.4	4.1	0.217
45010.0	45820.0	0.435 9.22	174.1 7.16	3.3 16.38	0.23 ONE	1.306 4.712	73.3 316.3	0.715 -2.1	3.116 65.0	40.3	172.8	0.8890	5.342A	1.14	0.247	107.1	71.2	4.1	0.220
45020.0	45820.0	0.503 10.81	176.7 7.20	2.8 18.02	0.20 ONE	1.303 4.712	68.7 316.3	0.730 -2.1	3.082 66.5	51.1	173.5	0.8330	5.330A	1.19	0.239	106.7	69.7	4.1	0.225

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	T L / LEG	V I / CDIST	PSI I / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45030.0	45820.0	0.578	176.7	1.8	0.18	1.300	64.0	0.748	3.042	61.9	174.3	0.766D	5.317A	1.22	0.230	106.3	67.9	4.0	0.231
		12.66	7.26	19.91	ONE	4.712	316.3	-2.1	68.3										
						ARRIVAL DATE = 2445840.0													
44900.0	45840.0	0.613	194.7	-6.6	-0.14	1.294	118.3	0.755	2.986	292.7	538.3	0.732	5.239A	1.36	0.218	95.3	58.4	3.9	0.223
		13.53	7.19	20.72	TWO	4.452	317.9	-2.1	79.4										
44910.0	45840.0	0.549	198.5	-8.2	-0.16	1.298	114.4	0.738	3.021	301.7	537.2	0.792	5.249A	1.39	0.226	97.7	61.5	4.1	0.218
		11.92	7.14	19.06	TWO	4.452	317.9	-2.1	76.3										
44920.0	45840.0	0.488	201.4	-9.5	-0.18	1.301	110.4	0.723	3.054	310.7	536.2	0.845	5.262A	1.43	0.234	99.7	64.2	4.3	0.214
		10.45	7.11	17.55	TWO	4.452	317.9	-2.1	73.6										
44930.0	45840.0	0.431	203.3	-10.4	-0.23	1.304	106.5	0.711	3.083	319.8	535.3	0.891	5.275A	1.48	0.241	101.3	66.6	4.5	0.211
		9.13	7.08	16.22	TWO	4.452	317.9	-2.1	71.2										
44940.0	45840.0	0.380	203.6	-10.9	-0.31	1.306	102.6	0.701	3.109	329.2	534.5	0.928	5.289A	1.58	0.246	102.6	68.7	4.7	0.209
		8.01	7.07	15.08	TWO	4.452	317.9	-2.1	69.2										
44950.0	45840.0	0.338	201.2	-11.0	-0.50	1.308	98.7	0.694	3.129	338.7	533.8	0.957	5.300A	1.78	0.250	103.5	70.2	5.0	0.208
		7.13	7.06	14.19	TWO	4.452	317.9	-2.1	67.6										
44960.0	45840.0	0.308	195.2	-13.4	-1.51	1.310	94.7	0.690	3.141	348.4	533.4	0.975	5.310A	2.80	0.253	104.2	71.3	6.2	0.208
		6.56	7.06	13.62	TWO	4.452	317.9	-2.1	66.5										
44970.0	45840.0	0.295	144.0	1.1	1.46	1.310	90.7	0.688	3.149	358.3	533.1	0.983	5.316A	-0.15	0.254	104.6	72.1	2.7	0.208
		6.30	7.06	13.36	ONE	4.452	317.9	-2.1	65.8										
44980.0	45840.0	0.301	185.4	0.0	0.50	1.310	86.6	0.689	3.148	8.4	173.0	0.979D	5.318A	0.82	0.254	104.8	72.2	3.9	0.209
		6.41	7.06	13.47	ONE	4.452	317.9	-2.1	65.6										
44990.0	45840.0	0.328	179.4	1.6	0.31	1.309	82.3	0.693	3.139	18.7	173.2	0.963D	5.316A	1.07	0.252	104.8	71.9	4.1	0.210
		6.94	7.07	14.02	ONE	4.452	317.9	-2.1	65.9										
45000.0	45840.0	0.373	175.8	2.7	0.23	1.308	78.0	0.701	3.122	29.2	173.5	0.933D	5.311A	1.12	0.249	104.7	71.2	4.2	0.212
		7.86	7.09	14.96	ONE	4.452	317.9	-2.1	66.7										
45010.0	45840.0	0.431	174.5	3.0	0.18	1.305	73.6	0.712	3.097	39.8	174.0	0.891D	5.303A	1.17	0.244	104.3	70.0	4.2	0.216
		9.13	7.12	16.25	ONE	4.452	317.9	-2.1	67.8										
45020.0	45840.0	0.499	175.1	2.6	0.16	1.303	69.0	0.727	3.065	50.6	174.6	0.837D	5.294A	1.21	0.237	103.9	68.5	4.1	0.220
		10.70	7.16	17.86	ONE	4.452	317.9	-2.1	69.3										
45030.0	45840.0	0.573	177.1	1.6	0.14	1.299	64.3	0.745	3.027	61.3	175.3	0.771D	5.283A	1.24	0.228	103.3	66.8	4.0	0.226
		12.52	7.22	19.74	ONE	4.452	317.9	-2.1	71.0										
						ARRIVAL DATE = 2445860.0													
44900.0	45860.0	0.618	195.1	-6.7	-0.10	1.294	118.6	0.756	2.977	292.1	539.2	0.728	5.226A	1.34	0.216	92.3	57.2	3.9	0.222
		13.65	7.18	20.83	TWO	4.273	319.6	-2.0	82.3										
44910.0	45860.0	0.553	198.9	-8.3	-0.11	1.297	114.6	0.738	3.010	301.1	538.3	0.788	5.232A	1.36	0.225	94.9	60.1	4.1	0.216
		12.02	7.13	19.14	TWO	4.273	319.6	-2.0	79.3										
44920.0	45860.0	0.491	201.9	-9.5	-0.13	1.301	110.7	0.723	3.041	310.1	537.3	0.842	5.240A	1.39	0.232	96.9	62.9	4.2	0.212
		10.52	7.09	17.61	TWO	4.273	319.6	-2.0	76.6										
44930.0	45860.0	0.434	203.8	-10.4	-0.16	1.303	106.7	0.710	3.069	319.3	536.4	0.889	5.250A	1.43	0.239	98.6	65.3	4.4	0.208
		9.19	7.06	16.25	TWO	4.273	319.6	-2.0	74.2										
44940.0	45860.0	0.382	204.1	-10.8	-0.21	1.306	102.8	0.700	3.093	328.7	535.7	0.927	5.260A	1.49	0.244	99.9	67.3	4.6	0.206
		8.05	7.04	15.09	TWO	4.273	319.6	-2.0	72.2										
44950.0	45860.0	0.339	202.1	-10.6	-0.33	1.308	98.9	0.693	3.112	338.2	535.1	0.956	5.269A	1.61	0.248	100.9	68.9	4.8	0.205
		7.15	7.03	14.18	TWO	4.273	319.6	-2.0	70.6										
44960.0	45860.0	0.308	197.0	-11.3	-0.82	1.309	94.9	0.688	3.125	347.9	534.6	0.975	5.276A	2.11	0.251	101.6	70.0	5.4	0.204
		6.54	7.02	13.57	TWO	4.273	319.6	-2.0	69.5										
44970.0	45860.0	0.295	194.8	1.1	1.53	1.309	90.9	0.686	3.132	357.9	534.3	0.983	5.281A	-0.22	0.252	102.1	70.7	2.6	0.204
		6.30	7.02	13.32	ONE	4.273	319.6	-2.0	68.8										
44980.0	45860.0	0.299	185.9	-0.7	0.40	1.309	86.8	0.687	3.131	8.0	174.2	0.980D	5.283A	0.92	0.252	102.3	70.9	4.0	0.204
		6.38	7.03	13.41	ONE	4.273	319.6	-2.0	68.6										
44990.0	45860.0	0.326	179.9	1.1	0.23	1.309	82.5	0.691	3.123	18.3	174.4	0.964D	5.281A	1.09	0.250	102.3	70.6	4.2	0.206
		6.90	7.04	13.94	ONE	4.273	319.6	-2.0	68.9										
45000.0	45860.0	0.370	176.2	2.3	0.17	1.307	78.2	0.699	3.106	28.7	174.7	0.935D	5.278A	1.16	0.247	102.1	69.9	4.2	0.208
		7.80	7.06	14.85	ONE	4.273	319.6	-2.0	69.6										
45010.0	45860.0	0.427	174.9	2.6	0.14	1.305	73.8	0.710	3.083	39.3	175.1	0.894D	5.271A	1.20	0.242	101.7	68.8	4.2	0.212
		9.04	7.09	16.13	ONE	4.273	319.6	-2.0	70.7										
45020.0	45860.0	0.494	175.5	2.3	0.12	1.302	69.3	0.725	3.052	50.0	175.7	0.840D	5.264A	1.23	0.235	101.1	67.4	4.1	0.216
		10.59	7.13	17.72	ONE	4.273	319.6	-2.0	72.1										
45030.0	45860.0	0.567	177.4	1.4	0.10	1.299	64.6	0.743	3.016	60.7	176.3	0.775D	5.256A	1.26	0.226	100.5	65.7	4.1	0.223
		12.38	7.19	19.57	ONE	4.273	319.6	-2.0	73.8										
45040.0	45860.0	0.646	180.4	0.0	0.10	1.295	59.8	0.764	2.975	71.4	177.0	0.701D	5.248A	1.28	0.216	99.7	63.8	3.9	0.231
		14.38	7.26	21.64	ONE	4.273	319.6	-2.0	75.6										

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2445880.0											
44900.0	45880.0	0.623	195.6	-6.8	-0.06	1.294	118.9	0.757	2.970	291.3	540.2	0.722	5.218	1.33	0.216	89.4	56.0	3.8	0.222
		13.78	7.18	20.96	TWO	4.201	321.2	-1.9	85.1										
44910.0	45880.0	0.557	199.4	-8.3	-0.07	1.297	114.9	0.739	3.001	300.4	539.3	0.784	5.219A	1.34	0.224	92.1	58.9	4.0	0.215
		12.12	7.12	19.24	TWO	4.201	321.2	-1.9	82.2										
44920.0	45880.0	0.495	202.4	-9.6	-0.08	1.300	110.9	0.723	3.031	309.6	538.4	0.839	5.223A	1.35	0.231	94.2	61.6	4.2	0.210
		10.61	7.07	17.68	TWO	4.201	321.2	-1.9	79.5										
44930.0	45880.0	0.437	204.4	-10.4	-0.09	1.303	107.0	0.710	3.058	318.8	537.5	0.886	5.229A	1.37	0.237	96.0	63.9	4.3	0.206
		9.25	7.04	16.29	TWO	4.201	321.2	-1.9	77.2										
44940.0	45880.0	0.384	204.7	-10.7	-0.12	1.305	103.0	0.700	3.081	328.2	536.8	0.925	5.236A	1.41	0.242	97.4	66.0	4.5	0.204
		8.09	7.02	15.11	TWO	4.201	321.2	-1.9	75.2										
44950.0	45880.0	0.340	202.9	-10.3	-0.18	1.307	99.1	0.692	3.099	337.7	536.2	0.955	5.243A	1.47	0.246	98.4	67.5	4.6	0.202
		7.18	7.01	14.18	TWO	4.201	321.2	-1.9	73.6										
44960.0	45880.0	0.308	198.5	-9.6	-0.39	1.308	95.1	0.687	3.111	347.5	535.8	0.974	5.249A	1.69	0.249	99.1	68.7	4.9	0.201
		6.55	7.00	13.55	TWO	4.201	321.2	-1.9	72.4										
44970.0	45880.0	0.295	195.9	1.5	1.73	1.309	91.1	0.685	3.118	357.4	535.5	0.983	5.252A	-0.42	0.250	99.6	69.4	2.4	0.200
		6.30	6.99	13.29	ONE	4.201	321.2	-1.9	71.7										
44980.0	45880.0	0.298	186.5	-1.5	0.27	1.309	86.9	0.686	3.117	7.5	175.4	0.980D	5.254A	1.04	0.250	99.8	69.6	4.1	0.201
		6.36	7.00	13.36	ONE	4.201	321.2	-1.9	71.5										
44990.0	45880.0	0.324	180.4	0.5	0.15	1.308	82.8	0.690	3.109	17.8	175.5	0.965D	5.253A	1.16	0.248	99.8	69.3	4.3	0.202
		6.85	7.01	13.86	ONE	4.201	321.2	-1.9	71.8										
45000.0	45880.0	0.367	176.7	1.8	0.11	1.306	78.5	0.697	3.094	28.2	175.8	0.937D	5.250A	1.21	0.245	99.5	68.7	4.3	0.205
		7.73	7.03	14.76	ONE	4.201	321.2	-1.9	72.4										
45010.0	45880.0	0.423	175.3	2.3	0.08	1.304	74.1	0.708	3.071	38.8	176.2	0.897D	5.246A	1.24	0.240	99.1	67.6	4.3	0.208
		8.95	7.06	16.01	ONE	4.201	321.2	-1.9	73.5										
45020.0	45880.0	0.489	175.9	2.0	0.07	1.302	69.5	0.723	3.042	49.4	176.7	0.844D	5.240A	1.26	0.234	98.5	66.2	4.2	0.213
		10.47	7.10	17.57	ONE	4.201	321.2	-1.9	74.9										
45030.0	45880.0	0.562	177.8	1.1	0.06	1.298	64.9	0.741	3.007	60.0	177.3	0.780D	5.234A	1.27	0.225	97.7	64.6	4.1	0.220
		12.24	7.16	19.40	ONE	4.201	321.2	-1.9	76.5										
45040.0	45880.0	0.639	180.8	-0.2	0.06	1.295	60.2	0.762	2.968	70.6	177.9	0.706D	5.229A	1.29	0.215	96.8	62.9	3.9	0.228
		14.21	7.23	21.44	ONE	4.201	321.2	-1.9	78.2										
								ARRIVAL DATE = 2445900.0											
44900.0	45900.0	0.628	196.0	-6.9	-0.02	1.293	119.3	0.758	2.965	290.6	541.1	0.717	5.213	1.31	0.216	86.6	54.9	3.8	0.222
		13.93	7.18	21.11	TWO	4.246	322.9	-1.9	87.8										
44910.0	45900.0	0.562	199.9	-8.4	-0.02	1.297	115.2	0.740	2.995	299.7	540.2	0.780	5.210	1.32	0.224	89.3	57.7	4.0	0.215
		12.24	7.12	19.36	TWO	4.246	322.9	-1.9	85.0										
44920.0	45900.0	0.499	203.0	-9.7	-0.03	1.300	111.2	0.724	3.023	308.9	539.4	0.835	5.211A	1.32	0.230	91.6	60.3	4.1	0.209
		10.70	7.07	17.77	TWO	4.246	322.9	-1.9	82.4										
44930.0	45900.0	0.440	205.0	-10.5	-0.03	1.303	107.2	0.710	3.049	318.2	538.6	0.883	5.214A	1.33	0.236	93.4	62.7	4.3	0.205
		9.33	7.03	16.36	TWO	4.246	322.9	-1.9	80.1										
44940.0	45900.0	0.387	205.5	-10.7	-0.04	1.305	103.2	0.699	3.071	327.6	537.9	0.923	5.218A	1.34	0.241	94.8	64.7	4.4	0.202
		8.15	7.00	15.15	TWO	4.246	322.9	-1.9	78.1										
44950.0	45900.0	0.342	203.8	-10.2	-0.06	1.307	99.3	0.691	3.088	337.2	537.3	0.953	5.223A	1.36	0.245	95.9	66.2	4.5	0.199
		7.21	6.99	14.20	TWO	4.246	322.9	-1.9	76.5										
44960.0	45900.0	0.309	199.7	-8.8	-0.11	1.308	95.3	0.686	3.100	347.0	536.9	0.973	5.227A	1.42	0.248	96.7	67.4	4.6	0.198
		6.56	6.98	13.54	TWO	4.246	322.9	-1.9	75.4										
44970.0	45900.0	0.307	201.7	12.7	4.65	1.308	91.3	0.684	3.106	356.9	536.6	0.983	5.230A	-3.34	0.249	97.2	68.2	-1.3	0.199
		6.53	6.98	13.51	ONE	4.246	322.9	-1.9	74.7										
44980.0	45900.0	0.297	187.0	-2.5	0.11	1.308	87.2	0.684	3.106	7.0	176.6	0.980D	5.231A	1.20	0.249	97.4	68.3	4.3	0.198
		6.33	6.98	13.31	ONE	4.246	322.9	-1.9	74.4										
44990.0	45900.0	0.321	181.0	-0.2	0.05	1.308	83.0	0.688	3.098	17.3	176.6	0.966D	5.230A	1.25	0.247	97.4	68.1	4.4	0.200
		6.80	6.99	13.79	ONE	4.246	322.9	-1.9	74.7										
45000.0	45900.0	0.364	177.3	1.3	0.04	1.306	78.7	0.695	3.084	27.7	176.9	0.939D	5.228A	1.27	0.244	97.1	67.5	4.4	0.202
		7.66	7.01	14.67	ONE	4.246	322.9	-1.9	75.3										
45010.0	45900.0	0.419	175.9	1.9	0.03	1.304	74.3	0.706	3.062	38.2	177.2	0.899D	5.225A	1.28	0.239	96.6	66.5	4.3	0.206
		8.86	7.04	15.90	ONE	4.246	322.9	-1.9	76.3										
45020.0	45900.0	0.484	176.3	1.7	0.02	1.301	69.8	0.721	3.034	48.7	177.7	0.848D	5.221A	1.29	0.233	95.9	65.1	4.2	0.211
		10.35	7.08	17.43	ONE	4.246	322.9	-1.9	77.6										
45030.0	45900.0	0.556	178.3	0.8	0.02	1.298	65.2	0.738	3.001	59.3	178.2	0.785D	5.217A	1.29	0.225	95.0	63.6	4.1	0.217
		12.10	7.14	19.23	ONE	4.246	322.9	-1.9	79.2										
45040.0	45900.0	0.633	181.2	-0.5	0.02	1.294	60.5	0.760	2.963	69.8	178.7	0.712D	5.214A	1.30	0.215	93.9	61.9	3.9	0.226
		14.04	7.21	21.25	ONE	4.246	322.9	-1.9	80.8										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 COAST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2445920.0											
44900.0	45920.0	0.634 14.08	196.5 7.19	-7.0 21.27	0.02 TWO	1.293 4.399	119.6 324.5	0.760 -1.8	2.962 90.5	289.8	542.0	0.711	5.213	1.30	0.216	83.8	53.9	3.7	0.223
44910.0	45920.0	0.567 12.37	200.4 7.12	-8.5 19.49	0.02 TWO	1.297 4.399	115.5 324.5	0.741 -1.8	2.990 87.8	299.0	541.2	0.775	5.206	1.30	0.224	86.7	56.6	3.9	0.215
44920.0	45920.0	0.503 10.81	203.5 7.06	-9.8 17.87	0.02 TWO	1.300 4.399	111.4 324.5	0.724 -1.8	3.017 85.2	308.2	540.4	0.831	5.203	1.29	0.230	89.0	59.2	4.1	0.209
44930.0	45920.0	0.444 9.41	205.6 7.02	-10.5 16.43	0.03 TWO	1.302 4.399	107.5 324.5	0.711 -1.8	3.042 83.0	317.6	539.6	0.880	5.203A	1.28	0.236	90.9	61.4	4.2	0.204
44940.0	45920.0	0.390 8.21	206.2 6.99	-10.7 15.21	0.03 TWO	1.305 4.399	103.5 324.5	0.699 -1.8	3.063 81.0	327.0	539.0	0.921	5.205A	1.28	0.241	92.4	63.4	4.3	0.200
44950.0	45920.0	0.344 7.25	204.7 6.97	-10.1 14.23	0.05 TWO	1.306 4.399	99.5 324.5	0.691 -1.8	3.080 79.4	336.6	538.4	0.952	5.207A	1.26	0.244	93.5	65.0	4.3	0.198
44960.0	45920.0	0.310 6.59	200.9 6.96	-8.4 13.55	0.09 TWO	1.308 4.399	95.5 324.5	0.685 -1.8	3.091 78.3	346.4	538.0	0.972	5.210A	1.22	0.247	94.3	66.1	4.3	0.196
44970.0	45920.0	0.293 6.27	196.0 6.96	-3.2 13.22	0.74 TWO	1.308 4.399	91.5 324.5	0.683 -1.8	3.097 77.6	356.3	537.7	0.982	5.212A	0.56	0.248	94.8	66.9	3.5	0.196
44980.0	45920.0	0.296 6.31	187.6 6.96	-3.8 13.27	-0.12 ONE	1.308 4.399	87.4 324.5	0.683 -1.8	3.097 77.3	6.4	177.7	0.981D	5.212A	1.42	0.248	95.0	67.1	4.6	0.196
44990.0	45920.0	0.319 6.76	181.7 6.97	-1.0 13.73	-0.06 ONE	1.307 4.399	83.2 324.5	0.687 -1.8	3.090 77.5	16.7	177.7	0.967D	5.212A	1.36	0.246	95.0	66.9	4.5	0.197
45000.0	45920.0	0.360 7.59	177.9 6.99	0.8 14.58	-0.04 ONE	1.306 4.399	79.0 324.5	0.694 -1.8	3.076 78.1	27.0	177.9	0.941D	5.211A	1.34	0.243	94.7	66.3	4.4	0.200
45010.0	45920.0	0.415 8.76	176.4 7.02	1.5 15.78	-0.03 ONE	1.304 4.399	74.6 324.5	0.705 -1.8	3.056 79.1	37.5	178.2	0.902D	5.209A	1.33	0.239	94.2	65.4	4.3	0.204
45020.0	45920.0	0.479 10.23	176.8 7.06	1.3 17.30	-0.02 ONE	1.301 4.399	70.2 324.5	0.719 -1.8	3.029 80.3	48.0	178.7	0.852D	5.207A	1.32	0.233	93.4	64.1	4.2	0.209
45030.0	45920.0	0.550 11.95	178.7 7.12	0.5 19.07	-0.02 ONE	1.298 4.399	65.6 324.5	0.736 -1.8	2.997 81.8	58.5	179.1	0.790D	5.205A	1.32	0.225	92.5	62.7	4.1	0.215
45040.0	45920.0	0.626 13.87	181.6 7.19	-0.7 21.07	-0.02 ONE	1.294 4.399	60.9 324.5	0.757 -1.8	2.961 83.3	69.0	179.6	0.719D	5.203A	1.31	0.216	91.3	61.1	4.0	0.224
								ARRIVAL DATE = 2445940.0											
44900.0	45940.0	0.641 14.25	197.0 7.20	-7.1 21.45	0.06 TWO	1.293 4.635	120.0 326.2	0.762 -1.7	2.960 93.1	289.0	542.8	0.705	5.215	1.29	0.217	81.2	53.0	3.7	0.225
44910.0	45940.0	0.573 12.51	200.9 7.13	-8.7 19.64	0.06 TWO	1.296 4.635	115.8 326.2	0.742 -1.7	2.987 90.4	298.2	542.1	0.769	5.205	1.28	0.224	84.1	55.6	3.8	0.216
44920.0	45940.0	0.508 10.92	204.1 7.07	-9.9 17.99	0.07 TWO	1.299 4.635	111.8 326.2	0.725 -1.7	3.013 88.0	307.5	541.3	0.827	5.199	1.26	0.230	86.5	58.1	4.0	0.209
44930.0	45940.0	0.448 9.50	206.3 7.02	-10.6 16.52	0.08 TWO	1.302 4.635	107.7 326.2	0.711 -1.7	3.037 85.8	316.9	540.6	0.877	5.196	1.25	0.236	88.5	60.3	4.1	0.204
44940.0	45940.0	0.393 8.28	207.0 6.99	-10.8 15.27	0.10 TWO	1.304 4.635	103.7 326.2	0.700 -1.7	3.057 83.9	326.4	540.0	0.918	5.196A	1.22	0.240	90.0	62.2	4.2	0.200
44950.0	45940.0	0.346 7.30	205.7 6.96	-10.1 14.27	0.14 TWO	1.306 4.635	99.8 326.2	0.691 -1.7	3.073 82.3	336.0	539.5	0.950	5.196A	1.17	0.244	91.2	63.8	4.2	0.197
44960.0	45940.0	0.312 6.62	202.1 6.95	-8.2 13.57	0.25 TWO	1.307 4.635	95.8 326.2	0.685 -1.7	3.084 81.1	345.8	539.1	0.971	5.197A	1.07	0.246	92.0	64.9	4.1	0.195
44970.0	45940.0	0.294 6.28	197.5 6.94	-2.4 13.22	1.05 TWO	1.308 4.635	91.7 326.2	0.682 -1.7	3.090 80.4	355.7	538.8	0.982	5.198A	0.26	0.248	92.5	65.7	3.1	0.194
44980.0	45940.0	0.295 6.29	188.0 6.95	-5.6 13.24	-0.45 ONE	1.308 4.635	87.6 326.2	0.682 -1.7	3.090 80.2	5.8	178.7	0.981D	5.199A	1.76	0.248	92.8	65.9	5.0	0.195
44990.0	45940.0	0.317 6.71	182.4 6.96	-1.9 13.67	-0.19 ONE	1.307 4.635	83.5 326.2	0.686 -1.7	3.083 80.3	16.0	178.8	0.968D	5.198A	1.48	0.246	92.7	65.8	4.7	0.196
45000.0	45940.0	0.357 7.52	178.5 6.98	0.2 14.49	-0.12 ONE	1.306 4.635	79.2 326.2	0.693 -1.7	3.070 80.9	26.4	178.9	0.943D	5.198A	1.41	0.243	92.4	65.2	4.5	0.198
45010.0	45940.0	0.410 8.67	177.0 7.01	1.0 15.67	-0.09 ONE	1.304 4.635	74.9 326.2	0.703 -1.7	3.051 81.8	36.8	179.2	0.905D	5.197A	1.38	0.239	91.8	64.3	4.4	0.202
45020.0	45940.0	0.474 10.11	177.4 7.05	0.9 17.16	-0.08 ONE	1.301 4.635	70.5 326.2	0.717 -1.7	3.026 82.9	47.3	179.6	0.856D	5.196A	1.36	0.233	91.0	63.1	4.3	0.207
45030.0	45940.0	0.544 11.81	179.2 7.11	0.2 18.91	-0.07 ONE	1.298 4.635	65.9 326.2	0.735 -1.7	2.995 84.3	57.8	180.0	0.795D	5.196	1.34	0.226	90.0	61.8	4.1	0.214
45040.0	45940.0	0.620 13.70	182.1 7.18	-1.0 20.88	-0.06 ONE	1.294 4.635	61.3 326.2	0.755 -1.7	2.960 85.8	68.2	180.4	0.725D	5.196	1.33	0.217	88.7	60.3	4.0	0.222

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
ARRIVAL DATE = 2445960.0																			
44900.0	45960.0	0.648	197.5	-7.3	0.10	1.293	120.4	0.764	2.960	288.1	543.6	0.698	5.221	1.28	0.218	78.6	52.2	3.6	0.227
		14.43	7.22	21.65	TWO	4.923	327.8	-1.6	95.5										
44910.0	45960.0	0.579	201.5	-8.8	0.10	1.296	116.2	0.744	2.986	297.4	542.9	0.764	5.208	1.26	0.225	81.6	54.7	3.8	0.217
		12.66	7.14	19.80	TWO	4.923	327.8	-1.6	93.0										
44920.0	45960.0	0.513	204.7	-10.0	0.11	1.299	112.1	0.727	3.011	306.8	542.2	0.823	5.199	1.24	0.231	84.1	57.1	3.9	0.210
		11.05	7.07	18.12	TWO	4.923	327.8	-1.6	90.7										
44930.0	45960.0	0.452	207.0	-10.7	0.13	1.302	108.0	0.712	3.033	316.2	541.6	0.873	5.193	1.21	0.236	86.1	59.2	4.0	0.204
		9.61	7.02	16.63	TWO	4.923	327.8	-1.6	88.5										
44940.0	45960.0	0.397	207.8	-10.9	0.16	1.304	104.0	0.700	3.053	325.7	541.0	0.915	5.190	1.17	0.241	87.7	61.1	4.1	0.199
		8.36	6.99	15.35	TWO	4.923	327.8	-1.6	86.6										
44950.0	45960.0	0.349	206.6	-10.1	0.22	1.306	100.0	0.691	3.068	335.4	540.5	0.948	5.189	1.10	0.244	88.9	62.6	4.1	0.196
		7.36	6.96	14.32	TWO	4.923	327.8	-1.6	85.1										
44960.0	45960.0	0.313	203.2	-8.1	0.37	1.307	96.0	0.685	3.079	345.2	540.1	0.970	5.188	0.95	0.246	89.8	63.8	4.0	0.194
		6.65	6.94	13.59	TWO	4.923	327.8	-1.6	84.0										
44970.0	45960.0	0.294	198.7	-2.5	1.14	1.308	92.0	0.682	3.085	355.1	539.8	0.982	5.188A	0.17	0.248	90.3	64.5	3.0	0.193
		6.29	6.94	13.22	TWO	4.923	327.8	-1.6	83.2										
44980.0	45960.0	0.294	188.1	-8.3	-0.99	1.308	87.9	0.682	3.085	5.2	179.7	0.9820	5.189A	2.29	0.248	90.6	64.8	5.7	0.194
		6.29	6.94	13.23	ONE	4.923	327.8	-1.6	83.0										
44990.0	45960.0	0.315	183.1	-2.9	-0.35	1.307	83.8	0.685	3.079	15.4	179.8	0.9700	5.188A	1.64	0.246	90.5	64.7	4.8	0.195
		6.67	6.95	13.62	ONE	4.923	327.8	-1.6	83.1										
45000.0	44960.0	0.353	179.2	-0.5	-0.22	1.305	79.5	0.692	3.067	25.7	179.9	0.9450	5.188A	1.50	0.244	90.2	64.2	4.6	0.197
		7.45	6.97	14.41	ONE	4.923	327.8	-1.6	83.6										
45010.0	45960.0	0.406	177.6	0.5	-0.16	1.303	75.2	0.702	3.048	36.1	180.2	0.9090	5.188	1.43	0.240	89.6	63.3	4.5	0.201
		8.57	7.00	15.57	ONE	4.923	327.8	-1.6	84.4										
45020.0	45960.0	0.469	177.9	0.5	-0.13	1.301	70.8	0.716	3.024	46.5	180.5	0.8600	5.189	1.39	0.234	88.8	62.2	4.3	0.206
		9.99	7.04	17.03	ONE	4.923	327.8	-1.6	85.5										
45030.0	45960.0	0.538	179.7	-0.1	-0.11	1.298	66.3	0.733	2.995	57.0	180.9	0.8000	5.190	1.37	0.227	87.7	61.0	4.1	0.213
		11.66	7.10	18.76	ONE	4.923	327.8	-1.6	86.8										
45040.0	45960.0	0.613	182.6	-1.3	-0.10	1.294	61.7	0.753	2.962	67.3	181.2	0.7310	5.192	1.34	0.219	86.3	59.6	4.0	0.221
		13.53	7.17	20.70	ONE	4.923	327.8	-1.6	88.1										
ARRIVAL DATE = 2445980.0																			
44910.0	45980.0	0.585	202.0	-8.9	0.14	1.296	116.6	0.746	2.986	296.6	543.7	0.758	5.213	1.24	0.226	79.2	53.9	3.7	0.219
		12.83	7.15	19.98	TWO	5.229	329.5	-1.6	95.5										
44920.0	45980.0	0.519	205.3	-10.1	0.16	1.299	112.4	0.728	3.010	306.0	543.1	0.818	5.201	1.21	0.232	81.8	56.2	3.9	0.211
		11.19	7.08	18.27	TWO	5.229	329.5	-1.6	93.2										
44930.0	45980.0	0.457	207.7	-10.9	0.18	1.302	108.4	0.713	3.031	315.4	542.5	0.869	5.193	1.18	0.237	83.9	58.3	4.0	0.205
		9.72	7.03	16.75	TWO	5.229	329.5	-1.6	91.1										
44940.0	45980.0	0.401	208.6	-11.0	0.22	1.304	104.3	0.701	3.050	325.0	541.9	0.912	5.188	1.12	0.241	85.5	60.1	4.0	0.200
		8.45	6.99	15.44	TWO	5.229	329.5	-1.6	89.3										
44950.0	45980.0	0.352	207.6	-10.2	0.29	1.306	100.3	0.691	3.065	334.7	541.4	0.946	5.185	1.04	0.245	86.8	61.6	4.0	0.196
		7.43	6.96	14.39	TWO	5.229	329.5	-1.6	87.8										
44960.0	45980.0	0.315	204.4	-8.1	0.46	1.307	96.3	0.685	3.076	344.5	541.1	0.969	5.183	0.86	0.247	87.7	62.7	3.8	0.194
		6.69	6.94	13.63	TWO	5.229	329.5	-1.6	86.7										
44970.0	45980.0	0.295	199.9	-2.7	1.18	1.307	92.3	0.682	3.082	354.4	540.8	0.981	5.182	0.12	0.248	88.2	63.5	2.9	0.192
		6.30	6.93	13.23	TWO	5.229	329.5	-1.6	86.0										
44980.0	45980.0	0.295	187.4	-12.9	-2.01	1.307	88.2	0.681	3.082	4.5	180.7	0.9820	5.182	3.30	0.248	88.5	63.7	7.0	0.193
		6.31	6.94	13.25	ONE	5.229	329.5	-1.6	85.7										
44990.0	45980.0	0.312	183.8	-4.1	-0.55	1.307	84.0	0.684	3.076	14.7	180.7	0.9710	5.182	1.83	0.247	88.4	63.7	5.1	0.194
		6.63	6.94	13.57	ONE	5.229	329.5	-1.6	85.7										
45000.0	45980.0	0.350	179.9	-1.3	-0.32	1.305	79.8	0.691	3.065	25.0	180.9	0.9470	5.182	1.59	0.244	88.1	63.2	4.7	0.196
		7.38	6.96	14.34	ONE	5.229	329.5	-1.6	86.2										
45010.0	45980.0	0.402	178.2	-0.0	-0.23	1.303	75.5	0.701	3.047	35.3	181.1	0.9120	5.183	1.49	0.241	87.5	62.4	4.5	0.200
		8.47	6.99	15.46	ONE	5.229	329.5	-1.6	87.0										
45020.0	45980.0	0.463	178.5	0.1	-0.19	1.301	71.2	0.714	3.024	45.7	181.4	0.8640	5.185	1.43	0.235	86.6	61.4	4.3	0.205
		9.87	7.03	16.90	ONE	5.229	329.5	-1.6	88.0										
45030.0	45980.0	0.532	180.2	-0.5	-0.16	1.298	66.7	0.731	2.996	56.1	181.7	0.8060	5.187	1.39	0.229	85.4	60.2	4.2	0.212
		11.51	7.09	18.60	ONE	5.229	329.5	-1.6	89.2										
45040.0	45980.0	0.606	183.0	-1.6	-0.15	1.294	62.1	0.751	2.964	66.4	182.0	0.7380	5.191	1.36	0.221	84.0	59.0	4.0	0.221
		13.36	7.17	20.52	ONE	5.229	329.5	-1.6	90.5										
ARRIVAL DATE = 2446000.0																			
44910.0	46000.0	0.592	202.6	-9.1	0.18	1.296	117.0	0.748	2.987	295.7	544.5	0.752	5.221	1.23	0.227	76.9	53.2	3.7	0.221
		13.00	7.17	20.17	TWO	5.521	331.2	-1.5	97.8										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
44920.0	46000.0	0.525	206.0	-10.3	0.20	1.299	112.8	0.730	3.010	305.1	543.9	0.812	5.207	1.19	0.233	79.6	55.4	3.8	0.213
		11.33	7.10	18.43	TWO	5.521	331.2	-1.5	95.7										
44930.0	46000.0	0.462	208.4	-11.0	0.23	1.302	108.7	0.714	3.031	314.6	543.4	0.865	5.196	1.14	0.238	81.7	57.4	3.9	0.206
		9.84	7.04	16.88	TWO	5.521	331.2	-1.5	93.7										
44940.0	46000.0	0.405	209.4	-11.1	0.27	1.304	104.6	0.702	3.049	324.2	542.8	0.909	5.189	1.08	0.242	83.4	59.2	3.9	0.200
		8.55	6.99	15.54	TWO	5.521	331.2	-1.5	91.9										
44950.0	46000.0	0.356	208.6	-10.4	0.36	1.306	100.6	0.692	3.064	333.9	542.4	0.944	5.184	0.98	0.245	84.7	60.6	3.9	0.196
		7.50	6.96	14.46	TWO	5.521	331.2	-1.5	90.5										
44960.0	46000.0	0.318	205.6	-8.2	0.54	1.307	96.6	0.685	3.074	343.8	542.0	0.968	5.181	0.78	0.248	85.6	61.7	3.7	0.194
		6.73	6.94	13.68	TWO	5.521	331.2	-1.5	89.4										
44970.0	46000.0	0.296	201.1	-3.1	1.21	1.307	92.6	0.682	3.080	353.7	541.8	0.981	5.179	0.10	0.249	86.2	62.5	2.8	0.192
		6.32	6.93	13.25	TWO	5.521	331.2	-1.5	88.6										
44980.0	46000.0	0.307	183.6	-23.6	-4.64	1.307	88.5	0.681	3.081	3.8	181.7	0.9830	5.178	5.93	0.249	86.4	62.6	10.3	0.195
		6.52	6.95	13.47	ONE	5.521	331.2	-1.5	88.3										
44990.0	46000.0	0.310	184.4	-5.6	-0.80	1.307	84.3	0.684	3.075	14.0	181.7	0.9720	5.179	2.08	0.248	86.4	62.7	5.4	0.194
		6.59	6.94	13.53	ONE	5.521	331.2	-1.5	88.3										
45000.0	46000.0	0.347	180.7	-2.1	-0.45	1.305	80.1	0.690	3.065	24.2	181.8	0.9500	5.179	1.71	0.245	86.0	62.3	4.8	0.196
		7.31	6.96	14.27	ONE	5.521	331.2	-1.5	88.7										
45010.0	46000.0	0.397	178.9	-0.6	-0.32	1.303	75.9	0.700	3.048	34.6	182.0	0.9150	5.181	1.56	0.242	85.4	61.6	4.6	0.200
		8.37	6.99	15.36	ONE	5.521	331.2	-1.5	89.4										
45020.0	46000.0	0.458	179.1	-0.3	-0.25	1.301	71.5	0.713	3.026	44.9	182.2	0.8690	5.183	1.48	0.237	84.5	60.7	4.4	0.205
		9.74	7.03	16.77	ONE	5.521	331.2	-1.5	90.4										
45030.0	46000.0	0.526	180.8	-0.9	-0.21	1.298	67.1	0.729	2.999	55.2	182.5	0.8110	5.187	1.42	0.231	83.3	59.6	4.2	0.212
		11.36	7.09	18.45	ONE	5.521	331.2	-1.5	91.5										
45040.0	46000.0	0.599	183.6	-1.9	-0.19	1.295	62.5	0.749	2.968	65.5	182.8	0.7440	5.192	1.38	0.223	81.9	58.4	4.0	0.220
		13.18	7.16	20.34	ONE	5.521	331.2	-1.5	92.7										

ARRIVAL DATE = 2446020.0

44910.0	46020.0	0.599	203.2	-9.2	0.22	1.296	117.4	0.751	2.989	294.7	545.3	0.745	5.232	1.22	0.229	74.7	52.7	3.6	0.224
		13.19	7.19	20.38	TWO	5.775	332.9	-1.4	100.1										
44920.0	46020.0	0.531	206.6	-10.4	0.24	1.299	113.2	0.732	3.011	304.2	544.7	0.807	5.215	1.17	0.234	77.4	54.7	3.8	0.215
		11.49	7.11	18.60	TWO	5.775	332.9	-1.4	98.0										
44930.0	46020.0	0.468	209.1	-11.2	0.27	1.302	109.1	0.716	3.031	313.8	544.2	0.861	5.202	1.12	0.239	79.6	56.6	3.8	0.207
		9.97	7.05	17.02	TWO	5.775	332.9	-1.4	96.1										
44940.0	46020.0	0.410	210.3	-11.3	0.32	1.304	105.0	0.703	3.049	323.4	543.7	0.906	5.192	1.04	0.243	81.3	58.3	3.9	0.201
		8.65	7.00	15.66	TWO	5.775	332.9	-1.4	94.4										
44950.0	46020.0	0.360	209.6	-10.5	0.41	1.306	100.9	0.693	3.063	333.2	543.3	0.941	5.186	0.93	0.246	82.6	59.7	3.8	0.197
		7.57	6.97	14.54	TWO	5.775	332.9	-1.4	93.0										
44960.0	46020.0	0.320	206.8	-8.4	0.61	1.307	96.9	0.686	3.074	343.0	543.0	0.966	5.181	0.72	0.249	83.6	60.8	3.6	0.194
		6.78	6.95	13.73	TWO	5.775	332.9	-1.4	91.9										
44970.0	46020.0	0.297	202.4	-3.6	1.22	1.307	92.9	0.682	3.080	352.9	542.7	0.980	5.179	0.08	0.250	84.2	61.6	2.8	0.193
		6.34	6.93	13.27	TWO	5.775	332.9	-1.4	91.2										
44980.0	46020.0	0.603	126.5	-64.7	-26.48	1.307	88.8	0.681	3.080	3.1	182.6	0.9830	5.178	27.76	0.250	84.5	61.3	30.4	0.250
		13.28	7.44	20.72	ONE	5.775	332.9	-1.4	90.7										
44990.0	46020.0	0.309	185.0	-7.4	-1.13	1.307	84.6	0.683	3.076	13.2	182.6	0.9730	5.178	2.40	0.249	84.4	61.9	5.8	0.194
		6.56	6.94	13.50	ONE	5.775	332.9	-1.4	90.9										
45000.0	46020.0	0.343	181.5	-3.0	-0.59	1.305	80.5	0.689	3.065	23.4	182.7	0.9520	5.179	1.84	0.247	84.1	61.5	5.0	0.196
		7.24	6.96	14.20	ONE	5.775	332.9	-1.4	91.2										
45010.0	46020.0	0.393	179.6	-1.3	-0.40	1.303	76.2	0.699	3.050	33.7	182.8	0.9180	5.181	1.64	0.243	83.5	60.9	4.7	0.200
		8.28	6.99	15.27	ONE	5.775	332.9	-1.4	91.9										
45020.0	46020.0	0.452	179.7	-0.8	-0.32	1.301	71.9	0.712	3.029	44.1	183.0	0.8730	5.184	1.53	0.239	82.6	60.0	4.4	0.205
		9.62	7.03	16.65	ONE	5.775	332.9	-1.4	92.7										
45030.0	46020.0	0.520	181.3	-1.3	-0.27	1.298	67.4	0.728	3.003	54.3	183.3	0.8170	5.189	1.46	0.233	81.3	59.0	4.2	0.212
		11.21	7.09	18.30	ONE	5.775	332.9	-1.4	93.7										
45040.0	46020.0	0.592	184.1	-2.3	-0.24	1.295	62.9	0.747	2.973	64.6	183.5	0.7510	5.195	1.40	0.225	79.8	57.9	4.0	0.220
		13.00	7.16	20.17	ONE	5.775	332.9	-1.4	94.8										

ARRIVAL DATE = 2446040.0

44910.0	46040.0	0.607	203.8	-9.4	0.26	1.297	117.9	0.753	2.992	293.8	546.0	0.738	5.245	1.20	0.231	72.6	52.2	3.6	0.227
		13.38	7.22	20.60	TWO	5.969	334.6	-1.3	102.2										
44920.0	46040.0	0.538	207.3	-10.6	0.28	1.299	113.6	0.734	3.013	303.3	545.5	0.801	5.225	1.15	0.236	75.3	54.1	3.7	0.217
		11.66	7.13	18.79	TWO	5.969	334.6	-1.3	100.3										
44930.0	46040.0	0.474	209.9	-11.3	0.31	1.302	109.4	0.718	3.033	312.9	545.0	0.856	5.210	1.09	0.241	77.5	56.0	3.8	0.209
		10.11	7.07	17.18	TWO	5.969	334.6	-1.3	98.5										
44940.0	46040.0	0.415	211.2	-11.5	0.37	1.304	105.3	0.704	3.050	322.6	544.6	0.902	5.198	1.01	0.245	79.3	57.6	3.8	0.203
		8.76	7.02	15.78	TWO	5.969	334.6	-1.3	96.8										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
44950.0	46040.0	0.364	210.7	-10.7	0.47	1.306	101.3	0.694	3.064	332.3	544.2	0.939	5.190	0.89	0.248	80.7	59.0	3.7	0.198
		7.66	6.98	14.64	TWO	5.969	334.6	-1.3	95.5										
44960.0	46040.0	0.323	208.0	-8.7	0.67	1.307	97.2	0.686	3.075	342.2	543.9	0.965	5.185	0.66	0.250	81.7	60.0	3.5	0.195
		6.84	6.95	13.79	TWO	5.969	334.6	-1.3	94.4										
44970.0	46040.0	0.298	203.7	-4.1	1.24	1.307	93.2	0.682	3.080	352.2	543.6	0.980	5.181	0.07	0.251	82.3	60.8	2.8	0.193
		6.36	6.94	13.30	TWO	5.969	334.6	-1.3	93.7										
44980.0	46040.0	0.365	212.8	33.1	10.97	1.307	89.1	0.681	3.081	2.2	183.5	0.9830	5.180	-9.69	0.251	82.6	61.5	-9.4	0.201
		7.69	7.00	14.69	TWO	5.969	334.6	-1.3	93.2										
44990.0	46040.0	0.307	185.4	-9.7	-1.59	1.307	85.0	0.683	3.077	12.4	183.5	0.9750	5.180	2.85	0.250	82.6	61.1	6.3	0.195
		6.54	6.95	13.48	ONE	5.969	334.6	-1.3	93.3										
45000.0	46040.0	0.340	182.3	-4.1	-0.75	1.305	80.8	0.689	3.068	22.6	183.5	0.9540	5.181	1.99	0.248	82.3	60.8	5.2	0.196
		7.17	6.96	14.13	ONE	5.969	334.6	-1.3	93.6										
45010.0	46040.0	0.388	180.4	-2.0	-0.50	1.304	76.6	0.698	3.053	32.9	183.7	0.9220	5.184	1.72	0.245	81.6	60.2	4.8	0.200
		8.18	6.99	15.17	ONE	5.969	334.6	-1.3	94.2										
45020.0	46040.0	0.447	180.4	-1.3	-0.39	1.301	72.2	0.711	3.033	43.2	183.8	0.8770	5.188	1.58	0.241	80.7	59.5	4.5	0.205
		9.49	7.03	16.52	ONE	5.969	334.6	-1.3	95.0										
45030.0	46040.0	0.513	181.9	-1.7	-0.32	1.298	67.8	0.727	3.008	53.4	184.0	0.8220	5.193	1.49	0.235	79.5	58.5	4.2	0.212
		11.06	7.09	18.15	ONE	5.969	334.6	-1.3	95.9										
45040.0	46040.0	0.585	184.6	-2.6	-0.29	1.295	63.4	0.746	2.979	63.6	184.2	0.7580	5.200	1.43	0.228	77.9	57.5	4.0	0.221
		12.83	7.17	19.99	ONE	5.969	334.6	-1.3	96.9										

ARRIVAL DATE = 2446060.0

44910.0	46060.0	0.615	204.4	-9.6	0.30	1.297	118.3	0.756	2.995	292.8	546.7	0.730	5.260	1.19	0.233	70.6	51.9	3.6	0.230
		13.59	7.25	20.84	TWO	6.090	336.2	-1.2	104.3										
44920.0	46060.0	0.545	208.0	-10.8	0.32	1.300	114.0	0.736	3.016	302.4	546.3	0.795	5.238	1.13	0.238	73.3	53.7	3.7	0.220
		11.84	7.16	18.99	TWO	6.090	336.2	-1.2	102.4										
44930.0	46060.0	0.480	210.6	-11.5	0.35	1.302	109.8	0.720	3.036	312.0	545.8	0.851	5.220	1.07	0.242	75.6	55.4	3.7	0.211
		10.26	7.09	17.34	TWO	6.090	336.2	-1.2	100.7										
44940.0	46060.0	0.420	212.1	-11.7	0.41	1.304	105.7	0.706	3.052	321.7	545.4	0.898	5.207	0.98	0.246	77.4	57.0	3.7	0.205
		8.88	7.03	15.92	TWO	6.090	336.2	-1.2	99.2										
44950.0	46060.0	0.368	211.7	-11.0	0.51	1.306	101.6	0.695	3.066	331.5	545.0	0.936	5.197	0.85	0.249	78.8	58.3	3.6	0.200
		7.75	6.99	14.74	TWO	6.090	336.2	-1.2	97.8										
44960.0	46060.0	0.326	209.3	-8.9	0.72	1.307	97.6	0.687	3.076	341.4	544.7	0.963	5.190	0.62	0.251	79.8	59.3	3.4	0.196
		6.90	6.96	13.86	TWO	6.090	336.2	-1.2	96.8										
44970.0	46060.0	0.300	205.0	-4.6	1.25	1.307	93.5	0.682	3.082	351.3	544.5	0.979	5.186	0.06	0.253	80.5	60.1	2.7	0.194
		6.39	6.95	13.34	TWO	6.090	336.2	-1.2	96.1										
44980.0	46060.0	0.311	205.3	15.0	5.48	1.307	89.4	0.681	3.084	1.4	184.4	0.9830	5.184	-4.19	0.253	80.8	60.6	-2.7	0.195
		6.60	6.95	13.56	TWO	6.090	336.2	-1.2	95.7										
44990.0	46060.0	0.307	185.5	-12.8	-2.25	1.307	85.3	0.683	3.080	11.6	184.3	0.9760	5.184	3.51	0.252	80.8	60.4	7.1	0.196
		6.53	6.96	13.49	ONE	6.090	336.2	-1.2	95.6										
45000.0	46060.0	0.337	183.1	-5.3	-0.95	1.306	81.1	0.689	3.071	21.8	184.4	0.9560	5.185	2.18	0.250	80.5	60.2	5.4	0.197
		7.11	6.97	14.08	ONE	6.090	336.2	-1.2	95.9										
45010.0	46060.0	0.384	181.2	-2.7	-0.61	1.304	76.9	0.697	3.057	32.0	184.5	0.9250	5.188	1.82	0.247	79.9	59.7	4.9	0.201
		8.08	7.00	15.08	ONE	6.090	336.2	-1.2	96.4										
45020.0	46060.0	0.441	181.1	-1.9	-0.46	1.301	72.6	0.710	3.037	42.3	184.6	0.8820	5.193	1.64	0.243	78.9	59.0	4.5	0.206
		9.36	7.04	16.40	ONE	6.090	336.2	-1.2	97.1										
45030.0	46060.0	0.507	182.6	-2.1	-0.38	1.299	68.2	0.725	3.014	52.5	184.8	0.8280	5.199	1.53	0.237	77.7	58.1	4.3	0.213
		10.90	7.10	18.00	ONE	6.090	336.2	-1.2	98.0										
45040.0	46060.0	0.578	185.2	-3.0	-0.34	1.295	63.8	0.744	2.986	62.6	184.9	0.7650	5.207	1.45	0.231	76.1	57.2	4.1	0.221
		12.65	7.17	19.82	ONE	6.090	336.2	-1.2	98.9										

ARRIVAL DATE = 2446080.0

44910.0	46080.0	0.624	205.1	-9.8	0.33	1.297	118.8	0.759	3.000	291.7	547.3	0.723	5.277	1.18	0.235	68.6	51.6	3.5	0.233
		13.81	7.28	21.09	TWO	6.128	337.9	-1.2	106.2										
44920.0	46080.0	0.553	208.7	-11.0	0.35	1.300	114.5	0.739	3.020	301.4	547.0	0.788	5.252	1.12	0.240	71.4	53.3	3.6	0.223
		12.02	7.18	19.21	TWO	6.128	337.9	-1.2	104.5										
44930.0	46080.0	0.487	211.4	-11.7	0.39	1.302	110.2	0.722	3.039	311.1	546.6	0.846	5.232	1.04	0.244	73.7	55.0	3.7	0.214
		10.42	7.11	17.52	TWO	6.128	337.9	-1.2	102.8										
44940.0	46080.0	0.426	213.0	-11.9	0.45	1.304	106.1	0.707	3.056	320.8	546.2	0.894	5.217	0.95	0.248	75.6	56.5	3.7	0.207
		9.01	7.05	16.06	TWO	6.128	337.9	-1.2	101.4										
44950.0	46080.0	0.373	212.8	-11.2	0.56	1.306	102.0	0.696	3.069	330.6	545.8	0.933	5.206	0.81	0.251	77.0	57.7	3.6	0.202
		7.85	7.01	14.85	TWO	6.128	337.9	-1.2	100.1										
44960.0	46080.0	0.330	210.6	-9.3	0.76	1.307	97.9	0.688	3.079	340.5	545.5	0.961	5.198	0.58	0.253	78.1	58.7	3.3	0.198
		6.97	6.98	13.94	TWO	6.128	337.9	-1.2	99.1										
44970.0	46080.0	0.302	206.4	-5.1	1.25	1.308	93.9	0.683	3.085	350.5	545.3	0.978	5.193	0.05	0.254	78.8	59.5	2.7	0.196
		6.43	6.96	13.39	TWO	6.128	337.9	-1.2	98.4										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
44980.0	46080.0	0.302	204.2	8.6	3.95	1.308	89.8	0.681	3.087	0.5	185.2	0.9830	5.190	-2.67	0.255	79.1	60.0	-0.8	0.196
		6.42	6.96	13.38	TWO	6.128	337.9	-1.2	98.0										
44990.0	46080.0	0.309	184.9	-17.6	-3.33	1.307	85.7	0.683	3.083	10.7	185.2	0.9770	5.190	4.58	0.254	79.1	59.8	8.4	0.197
		6.57	6.97	13.54	ONE	6.128	337.9	-1.2	97.9										
45000.0	46080.0	0.336	183.8	-6.7	-1.19	1.306	81.5	0.688	3.075	20.9	185.2	0.9590	5.191	2.41	0.252	78.8	59.7	5.7	0.198
		7.05	6.98	14.02	ONE	6.128	337.9	-1.2	98.1										
45010.0	46080.0	0.379	182.0	-3.5	-0.74	1.304	77.3	0.697	3.062	31.1	185.3	0.9280	5.195	1.93	0.249	78.2	59.2	5.0	0.202
		7.98	7.00	14.99	ONE	6.128	337.9	-1.2	98.6										
45020.0	46080.0	0.436	181.8	-2.5	-0.55	1.302	73.0	0.709	3.043	41.3	185.4	0.8870	5.200	1.71	0.245	77.3	58.6	4.6	0.207
		9.24	7.05	16.28	ONE	6.128	337.9	-1.2	99.2										
45030.0	46080.0	0.501	183.2	-2.6	-0.45	1.299	68.7	0.724	3.020	51.5	185.5	0.8340	5.207	1.58	0.240	76.0	57.8	4.3	0.213
		10.75	7.10	17.85	ONE	6.128	337.9	-1.2	100.0										
45040.0	46080.0	0.571	185.8	-3.4	-0.39	1.296	64.2	0.742	2.994	61.6	185.6	0.7710	5.216	1.48	0.234	74.5	57.0	4.1	0.222
		12.47	7.18	19.65	ONE	6.128	337.9	-1.2	100.8										
45050.0	46080.0	0.645	189.2	-4.6	-0.35	1.292	59.7	0.763	2.963	71.6	185.7	0.7010	5.226	1.41	0.226	72.6	56.2	3.9	0.232
		14.36	7.27	21.63	ONE	6.128	337.9	-1.2	101.7										

ARRIVAL DATE = 2446100.0

44910.0	46100.0	0.633	205.7	-10.0	0.37	1.297	119.3	0.762	3.005	290.7	548.0	0.715	5.296	1.17	0.238	66.7	51.5	3.5	0.237
		14.04	7.32	21.35	TWO	6.081	339.6	-1.1	108.0										
44920.0	46100.0	0.561	209.4	-11.1	0.39	1.300	114.9	0.742	3.025	300.4	547.7	0.782	5.269	1.10	0.242	69.6	53.1	3.6	0.226
		12.22	7.21	19.43	TWO	6.081	339.6	-1.1	106.4										
44930.0	46100.0	0.494	212.2	-11.9	0.43	1.302	110.7	0.724	3.044	310.1	547.3	0.840	5.247	1.02	0.246	71.9	54.6	3.6	0.217
		10.58	7.13	17.71	TWO	6.081	339.6	-1.1	104.9										
44940.0	46100.0	0.432	213.9	-12.1	0.49	1.304	106.5	0.709	3.060	319.9	547.0	0.890	5.230	0.92	0.250	73.8	56.1	3.6	0.209
		9.15	7.07	16.22	TWO	6.081	339.6	-1.1	103.5										
44950.0	46100.0	0.378	213.9	-11.5	0.60	1.306	102.4	0.698	3.073	329.7	546.6	0.929	5.217	0.78	0.253	75.3	57.3	3.5	0.204
		7.96	7.02	14.98	TWO	6.081	339.6	-1.1	102.3										
44960.0	46100.0	0.333	211.8	-9.6	0.80	1.307	98.3	0.689	3.083	339.6	546.4	0.959	5.208	0.54	0.255	76.4	58.3	3.3	0.200
		7.04	6.99	14.03	TWO	6.081	339.6	-1.1	101.3										
44970.0	46100.0	0.304	207.8	-5.7	1.26	1.308	94.2	0.684	3.089	349.6	546.1	0.977	5.201	0.04	0.256	77.1	59.0	2.7	0.197
		6.47	6.97	13.44	TWO	6.081	339.6	-1.1	100.6										
44980.0	46100.0	0.298	204.5	5.2	3.24	1.308	90.1	0.682	3.091	359.7	546.0	0.983	5.198	-1.96	0.256	77.5	59.4	0.1	0.197
		6.36	6.97	13.33	TWO	6.081	339.6	-1.1	100.2										
44990.0	46100.0	0.319	182.4	-25.6	-5.35	1.307	86.0	0.683	3.088	9.8	186.0	0.9780	5.198	6.59	0.256	77.5	59.3	10.9	0.201
		6.76	7.00	13.76	ONE	6.081	339.6	-1.1	99.9										
45000.0	46100.0	0.331	184.6	-8.3	-1.48	1.306	81.9	0.688	3.080	20.0	186.0	0.9610	5.199	2.69	0.254	77.2	59.2	6.0	0.200
		6.99	6.99	13.98	ONE	6.081	339.6	-1.1	100.2										
45010.0	46100.0	0.374	182.8	-4.5	-0.88	1.304	77.7	0.696	3.067	30.2	186.0	0.9320	5.203	2.05	0.252	76.6	58.8	5.1	0.203
		7.89	7.01	14.90	ONE	6.081	339.6	-1.1	100.7										
45020.0	46100.0	0.430	182.5	-3.1	-0.64	1.302	73.4	0.708	3.050	40.4	186.1	0.8910	5.209	1.78	0.248	75.7	58.3	4.7	0.208
		9.11	7.06	16.16	ONE	6.081	339.6	-1.1	101.2										
45030.0	46100.0	0.494	183.9	-3.0	-0.51	1.299	69.1	0.723	3.028	50.5	186.2	0.8400	5.216	1.62	0.243	74.4	57.6	4.4	0.214
		10.59	7.11	17.71	ONE	6.081	339.6	-1.1	101.9										
45040.0	46100.0	0.564	186.4	-3.8	-0.44	1.296	64.7	0.741	3.002	60.6	186.3	0.7780	5.226	1.51	0.237	72.9	56.8	4.1	0.223
		12.29	7.19	19.48	ONE	6.081	339.6	-1.1	102.7										
45050.0	46100.0	0.637	189.8	-5.0	-0.40	1.293	60.2	0.762	2.973	70.6	186.3	0.7090	5.237	1.43	0.230	71.0	56.1	3.9	0.233
		14.16	7.28	21.44	ONE	6.081	339.6	-1.1	103.4										

ARRIVAL DATE = 2446120.0

44910.0	46120.0	0.642	206.4	-10.2	0.40	1.297	119.9	0.766	3.012	289.6	548.6	0.706	5.317	1.17	0.240	64.9	51.5	3.5	0.241
		14.28	7.35	21.63	TWO	5.952	341.3	-1.0	109.8										
44920.0	46120.0	0.569	210.1	-11.3	0.42	1.300	115.4	0.744	3.031	299.3	548.3	0.774	5.287	1.09	0.245	67.8	53.0	3.5	0.229
		12.43	7.25	19.67	TWO	5.952	341.3	-1.0	108.3										
44930.0	46120.0	0.501	213.0	-12.1	0.46	1.303	111.1	0.726	3.049	339.1	548.0	0.834	5.263	1.01	0.249	70.2	54.4	3.6	0.220
		10.76	7.16	17.92	TWO	5.952	341.3	-1.0	106.8										
44940.0	46120.0	0.438	214.8	-12.3	0.53	1.305	106.9	0.711	3.064	318.9	547.7	0.885	5.244	0.90	0.252	72.1	55.8	3.6	0.212
		9.29	7.09	16.39	TWO	5.952	341.3	-1.0	105.5										
44950.0	46120.0	0.383	215.0	-11.7	0.63	1.306	102.8	0.699	3.078	328.8	547.4	0.926	5.229	0.75	0.255	73.7	56.9	3.5	0.206
		8.07	7.04	15.11	TWO	5.952	341.3	-1.0	104.3										
44960.0	46120.0	0.337	213.1	-10.0	0.83	1.307	98.7	0.690	3.088	338.7	547.1	0.956	5.219	0.51	0.257	74.8	57.9	3.2	0.202
		7.12	7.01	14.13	TWO	5.952	341.3	-1.0	103.4										
44970.0	46120.0	0.306	209.2	-6.2	1.26	1.308	94.6	0.685	3.094	348.7	546.9	0.976	5.212	0.04	0.258	75.5	58.6	2.7	0.199
		6.51	6.99	13.50	TWO	5.952	341.3	-1.0	102.7										
44980.0	46120.0	0.297	205.3	2.9	2.82	1.308	90.5	0.682	3.096	358.7	546.8	0.983	5.208	-1.55	0.258	75.9	59.0	0.7	0.198
		6.34	6.98	13.32	TWO	5.952	341.3	-1.0	102.3										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
44990.0	46120.0	0.366	172.6	-42.0	-10.53	1.307	86.4	0.683	3.093	8.9	186.8	0.9790	5.207	11.77	0.258	76.0	59.0	16.7	0.210
		7.71	7.07	14.78	ONE	5.952	341.3	-1.0	101.5										
45000.0	46120.0	0.328	185.2	-10.3	-1.86	1.306	82.3	0.688	3.086	19.0	186.7	0.9630	5.209	3.06	0.256	75.7	58.9	6.4	0.201
		6.94	7.00	13.94	ONE	5.952	341.3	-1.0	102.3										
45010.0	46120.0	0.370	183.6	-5.5	-1.04	1.304	78.1	0.696	3.074	29.2	186.8	0.9350	5.213	2.20	0.254	75.1	58.5	5.3	0.204
		7.79	7.03	14.82	ONE	5.952	341.3	-1.0	102.6										
45020.0	46120.0	0.425	183.3	-3.8	-0.74	1.302	73.8	0.707	3.057	39.4	186.9	0.8960	5.219	1.86	0.250	74.2	58.0	4.8	0.209
		8.98	7.07	16.05	ONE	5.952	341.3	-1.0	103.2										
45030.0	46120.0	0.488	184.6	-3.6	-0.58	1.300	69.5	0.722	3.036	49.5	186.9	0.8450	5.227	1.67	0.246	73.0	57.4	4.4	0.216
		10.44	7.12	17.56	ONE	5.952	341.3	-1.0	103.8										
45040.0	46120.0	0.557	187.0	-4.2	-0.50	1.297	65.1	0.739	3.011	59.6	187.0	0.7850	5.237	1.55	0.240	71.4	56.7	4.1	0.224
		12.11	7.19	19.31	ONE	5.952	341.3	-1.0	104.5										
45050.0	46120.0	0.630	190.3	-5.3	-0.45	1.293	60.7	0.760	2.983	69.5	186.9	0.7170	5.249	1.45	0.234	69.5	56.1	3.9	0.234
		13.96	7.29	21.24	ONE	5.952	341.3	-1.0	105.1										
ARRIVAL DATE = 2446140.0																			
44920.0	46140.0	0.578	210.8	-11.6	0.46	1.300	115.9	0.747	3.037	298.3	548.9	0.767	5.307	1.08	0.247	66.1	52.9	3.5	0.233
		12.64	7.28	19.92	TWO	5.750	343.0	-0.9	110.0										
44930.0	46140.0	0.509	213.9	-12.3	0.50	1.303	111.6	0.729	3.054	308.1	548.7	0.828	5.281	0.99	0.251	68.5	54.3	3.5	0.223
		10.94	7.19	18.13	TWO	5.750	343.0	-0.9	108.7										
44940.0	46140.0	0.445	215.8	-12.6	0.56	1.305	107.4	0.713	3.070	317.9	548.4	0.880	5.260	0.87	0.254	70.5	55.6	3.5	0.215
		9.45	7.12	16.57	TWO	5.750	343.0	-0.9	107.4										
44950.0	46140.0	0.389	216.1	-12.0	0.67	1.307	103.2	0.701	3.083	327.8	548.1	0.922	5.244	0.72	0.257	72.1	56.7	3.4	0.209
		8.19	7.06	15.25	TWO	5.750	343.0	-0.9	106.3										
44960.0	46140.0	0.342	214.5	-10.3	0.86	1.308	99.1	0.692	3.093	337.7	547.9	0.954	5.232	0.49	0.259	73.2	57.6	3.2	0.204
		7.21	7.03	14.24	TWO	5.750	343.0	-0.9	105.4										
44970.0	46140.0	0.309	210.7	-6.8	1.27	1.308	95.0	0.686	3.099	347.7	547.7	0.974	5.224	0.04	0.260	74.0	58.2	2.7	0.201
		6.56	7.00	13.57	TWO	5.750	343.0	-0.9	104.7										
44980.0	46140.0	0.297	206.4	1.2	2.55	1.308	90.9	0.683	3.101	357.8	547.6	0.983	5.220	-1.28	0.261	74.4	58.7	1.0	0.200
		6.33	6.99	13.33	TWO	5.750	343.0	-0.9	104.3										
45000.0	46140.0	0.326	185.7	-12.7	-2.35	1.306	82.6	0.688	3.093	18.1	187.5	0.9650	5.220	3.54	0.259	74.2	58.6	7.0	0.203
		6.90	7.02	13.92	ONE	5.750	343.0	-0.9	104.2										
45010.0	46140.0	0.366	184.5	-6.6	-1.22	1.305	78.5	0.695	3.081	28.2	187.5	0.9380	5.224	2.37	0.257	73.7	58.3	5.5	0.206
		7.70	7.04	14.74	ONE	5.750	343.0	-0.9	104.5										
45020.0	46140.0	0.419	184.1	-4.5	-0.84	1.303	74.2	0.706	3.065	38.4	187.6	0.9000	5.230	1.96	0.253	72.8	57.9	4.8	0.210
		8.86	7.08	15.94	ONE	5.750	343.0	-0.9	105.0										
45030.0	46140.0	0.481	185.3	-4.1	-0.66	1.300	69.9	0.721	3.045	48.5	187.6	0.8510	5.239	1.73	0.249	71.6	57.3	4.5	0.217
		10.29	7.13	17.42	ONE	5.750	343.0	-0.9	105.6										
45040.0	46140.0	0.549	187.6	-4.6	-0.56	1.297	65.6	0.738	3.021	58.5	187.6	0.7920	5.250	1.58	0.244	70.0	56.7	4.2	0.225
		11.93	7.21	19.14	ONE	5.750	343.0	-0.9	106.2										
45050.0	46140.0	0.622	190.9	-5.7	-0.50	1.294	61.1	0.758	2.994	68.4	187.6	0.7250	5.262	1.47	0.237	68.2	56.2	3.9	0.235
		13.75	7.30	21.05	ONE	5.750	343.0	-0.9	106.8										
ARRIVAL DATE = 2446160.0																			
44920.0	46160.0	0.587	211.6	-11.8	0.49	1.301	116.5	0.751	3.044	297.1	549.5	0.759	5.329	1.07	0.250	64.4	53.0	3.5	0.237
		12.87	7.32	20.19	TWO	5.489	344.8	-0.8	111.7										
44930.0	46160.0	0.517	214.7	-12.6	0.53	1.303	112.1	0.732	3.061	307.0	549.3	0.822	5.300	0.97	0.253	66.9	54.3	3.5	0.227
		11.14	7.22	18.36	TWO	5.489	344.8	-0.8	110.4										
44940.0	46160.0	0.452	216.7	-12.8	0.59	1.305	107.8	0.716	3.076	316.9	549.1	0.875	5.277	0.85	0.257	69.0	55.5	3.5	0.218
		9.61	7.15	16.75	TWO	5.489	344.8	-0.8	109.2										
44950.0	46160.0	0.395	217.3	-12.3	0.70	1.307	103.6	0.703	3.089	326.8	548.8	0.918	5.260	0.70	0.259	70.6	56.5	3.4	0.212
		8.32	7.09	15.41	TWO	5.489	344.8	-0.8	108.2										
44960.0	46160.0	0.346	215.8	-10.7	0.89	1.308	99.5	0.693	3.099	336.8	548.6	0.951	5.247	0.46	0.261	71.7	57.4	3.1	0.207
		7.30	7.05	14.35	TWO	5.489	344.8	-0.8	107.3										
44970.0	46160.0	0.312	212.2	-7.4	1.27	1.308	95.4	0.687	3.105	346.8	548.4	0.973	5.238	0.03	0.262	72.5	58.0	2.6	0.204
		6.62	7.02	13.64	TWO	5.489	344.8	-0.8	106.7										
44980.0	46160.0	0.297	207.7	-0.3	2.36	1.308	91.3	0.684	3.108	356.8	548.3	0.983	5.233	-1.09	0.263	73.0	58.5	1.3	0.202
		6.34	7.01	13.35	TWO	5.489	344.8	-0.8	106.3										
44990.0	46160.0	0.496	226.8	51.1	19.92	1.308	87.2	0.684	3.106	6.9	188.2	0.9810	5.231	-18.70	0.263	73.1	60.2	-17.9	0.230
		10.65	7.25	17.90	TWO	5.489	344.8	-0.8	104.1										
45000.0	46160.0	0.326	185.9	-15.8	-3.04	1.307	83.0	0.688	3.100	17.1	188.2	0.9670	5.232	4.22	0.261	72.9	58.4	7.8	0.205
		6.89	7.03	13.92	ONE	5.489	344.8	-0.8	106.0										
45010.0	46160.0	0.361	185.3	-7.9	-1.44	1.305	78.9	0.695	3.089	27.2	188.2	0.9420	5.237	2.58	0.259	72.3	58.2	5.7	0.208
		7.61	7.05	14.67	ONE	5.489	344.8	-0.8	106.4										
45020.0	46160.0	0.413	184.9	-5.3	-0.96	1.303	74.7	0.706	3.074	37.4	188.2	0.9050	5.243	2.06	0.256	71.4	57.8	5.0	0.212
		8.73	7.09	15.82	ONE	5.489	344.8	-0.8	106.8										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45030.0	46160.0	0.475	186.0	-4.7	-0.74	1.300	70.4	0.720	3.055	47.4	188.3	0.8570	5.252	1.79	0.252	70.3	57.3	4.5	0.218
		10.13	7.15	17.28	ONE	5.489	344.8	-0.8	107.3										
45040.0	46160.0	0.542	188.3	-5.1	-0.62	1.297	66.0	0.736	3.031	57.4	188.2	0.7990	5.264	1.62	0.247	68.7	56.8	4.2	0.226
		11.75	7.22	18.97	ONE	5.489	344.8	-0.8	107.8										
45050.0	46160.0	0.614	191.5	-6.1	-0.55	1.294	61.6	0.756	3.005	67.3	188.2	0.7330	5.277	1.50	0.241	66.9	56.3	4.0	0.236
		13.55	7.31	20.86	ONE	5.489	344.8	-0.8	108.3										
ARRIVAL DATE = 2446180.0																			
44920.0	46180.0	0.596	212.3	-12.0	0.53	1.301	117.0	0.754	3.051	296.0	550.1	0.751	5.352	1.06	0.252	62.9	53.2	3.4	0.241
		13.11	7.36	20.46	TWO	5.189	346.5	-0.7	113.2										
44930.0	46180.0	0.525	215.5	-12.8	0.56	1.303	112.6	0.734	3.068	305.9	549.9	0.815	5.321	0.96	0.256	65.4	54.3	3.5	0.230
		11.34	7.25	18.59	TWO	5.189	346.5	-0.7	112.0										
44940.0	46180.0	0.460	217.7	-13.1	0.63	1.305	108.3	0.718	3.083	315.8	549.7	0.869	5.296	0.83	0.259	67.5	55.4	3.4	0.222
		9.78	7.18	16.95	TWO	5.189	346.5	-0.7	110.9										
44950.0	46180.0	0.401	218.4	-12.6	0.73	1.307	104.1	0.705	3.096	325.8	549.5	0.914	5.277	0.68	0.262	69.1	56.4	3.3	0.215
		8.45	7.11	15.57	TWO	5.189	346.5	-0.7	109.9										
44960.0	46180.0	0.351	217.1	-11.1	0.91	1.308	99.9	0.695	3.106	335.7	549.3	0.948	5.263	0.44	0.263	70.3	57.3	3.1	0.210
		7.40	7.07	14.48	TWO	5.189	346.5	-0.7	109.1										
44970.0	46180.0	0.315	213.7	-8.0	1.27	1.309	95.8	0.688	3.112	345.8	549.2	0.971	5.253	0.03	0.265	71.1	57.9	2.6	0.206
		6.68	7.04	13.72	TWO	5.189	346.5	-0.7	108.5										
44980.0	46180.0	0.298	209.2	-1.5	2.21	1.309	91.7	0.685	3.115	355.8	549.0	0.982	5.247	-0.95	0.265	71.6	58.3	1.4	0.205
		6.35	7.03	13.38	TWO	5.189	346.5	-0.7	108.1										
44990.0	46180.0	0.352	213.2	27.4	9.53	1.308	87.6	0.685	3.113	5.9	189.0	0.9820	5.245	-8.31	0.265	71.8	59.0	-7.4	0.210
		7.41	7.07	14.49	TWO	5.189	346.5	-0.7	107.4										
45000.0	46180.0	0.327	185.5	-20.2	-4.05	1.307	83.4	0.688	3.108	16.1	188.9	0.9690	5.246	5.22	0.264	71.6	58.4	8.9	0.208
		6.92	7.06	13.97	ONE	5.189	346.5	-0.7	107.8										
45010.0	46180.0	0.357	186.1	-9.3	-1.70	1.305	79.3	0.695	3.098	26.2	188.9	0.9450	5.250	2.83	0.262	71.0	58.2	6.0	0.209
		7.53	7.07	14.60	ONE	5.189	346.5	-0.7	108.1										
45020.0	46180.0	0.408	185.8	-6.2	-1.10	1.303	75.1	0.705	3.083	36.3	188.9	0.9090	5.257	2.18	0.259	70.2	57.9	5.1	0.214
		8.61	7.11	15.72	ONE	5.189	346.5	-0.7	108.5										
45030.0	46180.0	0.468	186.7	-5.3	-0.83	1.301	70.8	0.719	3.065	46.4	188.9	0.8630	5.267	1.86	0.255	69.0	57.4	4.6	0.220
		9.98	7.16	17.14	ONE	5.189	346.5	-0.7	108.9										
45040.0	46180.0	0.535	189.0	-5.5	-0.69	1.298	66.5	0.735	3.042	56.3	188.9	0.8060	5.279	1.67	0.250	67.5	57.0	4.3	0.228
		11.57	7.23	18.80	ONE	5.189	346.5	-0.7	109.4										
45050.0	46180.0	0.606	192.2	-6.5	-0.60	1.295	62.1	0.754	3.017	66.2	188.8	0.7410	5.292	1.53	0.245	65.7	56.5	4.0	0.237
		13.35	7.32	20.66	ONE	5.189	346.5	-0.7	109.9										
ARRIVAL DATE = 2446200.0																			
44920.0	46200.0	0.606	213.1	-12.2	0.56	1.301	117.6	0.757	3.059	294.8	550.6	0.742	5.376	1.05	0.255	61.3	53.4	3.4	0.245
		13.35	7.40	20.75	TWO	4.873	348.2	-0.6	114.7										
44930.0	46200.0	0.534	216.4	-13.0	0.59	1.304	113.1	0.737	3.075	304.8	550.5	0.808	5.343	0.94	0.258	63.9	54.5	3.4	0.234
		11.55	7.29	18.84	TWO	4.873	348.2	-0.6	113.6										
44940.0	46200.0	0.467	218.7	-13.3	0.66	1.306	108.8	0.721	3.090	314.7	550.4	0.864	5.317	0.82	0.261	66.0	55.5	3.4	0.225
		9.96	7.21	17.17	TWO	4.873	348.2	-0.6	112.6										
44950.0	46200.0	0.407	219.5	-13.0	0.76	1.307	104.5	0.707	3.103	324.7	550.2	0.910	5.296	0.66	0.264	67.7	56.5	3.3	0.218
		8.60	7.14	15.74	TWO	4.873	348.2	-0.6	111.6										
44960.0	46200.0	0.357	218.5	-11.5	0.94	1.308	100.4	0.696	3.113	334.7	550.0	0.945	5.280	0.42	0.266	68.9	57.3	3.1	0.213
		7.51	7.10	14.61	TWO	4.873	348.2	-0.6	110.9										
44970.0	46200.0	0.318	215.3	-8.5	1.26	1.309	96.2	0.689	3.119	344.7	549.9	0.969	5.270	0.03	0.267	69.8	57.9	2.6	0.209
		6.75	7.06	13.81	TWO	4.873	348.2	-0.6	110.3										
44980.0	46200.0	0.299	210.7	-2.6	2.10	1.309	92.1	0.686	3.122	354.8	549.7	0.982	5.263	-0.84	0.268	70.3	58.3	1.6	0.207
		6.37	7.05	13.42	TWO	4.873	348.2	-0.6	109.9										
44990.0	46200.0	0.322	210.5	17.0	6.53	1.308	88.0	0.685	3.121	4.9	189.7	0.9830	5.260	-5.32	0.268	70.5	58.8	-3.8	0.209
		6.82	7.07	13.89	TWO	4.873	348.2	-0.6	109.4										
45000.0	46200.0	0.334	183.8	-26.6	-5.70	1.307	83.9	0.688	3.116	15.1	189.6	0.9710	5.261	6.86	0.267	70.3	58.4	10.8	0.212
		7.06	7.09	14.15	ONE	4.873	348.2	-0.6	109.3										
45010.0	46200.0	0.354	186.9	-11.0	-2.02	1.306	79.7	0.695	3.107	25.2	189.6	0.9480	5.265	3.13	0.265	69.8	58.2	6.3	0.212
		7.45	7.09	14.54	ONE	4.873	348.2	-0.6	109.8										
45020.0	46200.0	0.402	186.6	-7.1	-1.25	1.304	75.5	0.705	3.093	35.3	189.6	0.9140	5.272	2.31	0.262	69.0	58.0	5.2	0.216
		8.49	7.12	15.61	ONE	4.873	348.2	-0.6	110.1										
45030.0	46200.0	0.461	187.5	-5.9	-0.93	1.301	71.3	0.718	3.075	45.3	189.5	0.8680	5.282	1.94	0.258	67.8	57.6	4.7	0.222
		9.82	7.18	17.00	ONE	4.873	348.2	-0.6	110.5										
45040.0	46200.0	0.527	189.7	-6.0	-0.76	1.298	67.0	0.734	3.054	55.2	189.5	0.8130	5.294	1.72	0.254	66.4	57.2	4.3	0.229
		11.39	7.25	18.64	ONE	4.873	348.2	-0.6	110.9										
45050.0	46200.0	0.598	192.8	-6.9	-0.66	1.295	62.6	0.753	3.029	65.0	189.3	0.7490	5.308	1.56	0.249	64.6	56.8	4.0	0.239
		13.14	7.33	20.47	ONE	4.873	348.2	-0.6	111.3										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
ARRIVAL DATE = 2446220.0																			
44920.0	46220.0	0.616	213.9	-12.4	0.59	1.302	118.1	0.761	3.067	293.6	551.1	0.733	5.402	1.04	0.258	59.9	53.8	3.4	0.250
		13.61	7.44	21.05	TWO	4.570	349.9	-0.5	116.1										
44930.0	46220.0	0.543	217.2	-13.3	0.62	1.304	113.6	0.741	3.084	303.6	551.1	0.800	5.367	0.93	0.261	62.5	54.8	3.4	0.238
		11.77	7.33	19.10	TWO	4.570	349.9	-0.5	115.1										
44940.0	46220.0	0.475	219.6	-13.6	0.69	1.306	109.3	0.723	3.098	313.6	551.0	0.858	5.339	0.80	0.264	64.6	55.7	3.4	0.229
		10.15	7.24	17.39	TWO	4.570	349.9	-0.5	114.1										
44950.0	46220.0	0.414	220.7	-13.3	0.79	1.308	105.0	0.709	3.111	323.6	550.8	0.905	5.316	0.64	0.266	66.3	56.6	3.3	0.221
		8.75	7.17	15.92	TWO	4.570	349.9	-0.5	113.2										
44960.0	46220.0	0.362	219.8	-12.0	0.96	1.309	100.8	0.698	3.120	333.6	550.7	0.942	5.299	0.41	0.268	67.6	57.3	3.1	0.216
		7.63	7.12	14.75	TWO	4.570	349.9	-0.5	112.5										
44970.0	46220.0	0.322	216.9	-9.1	1.28	1.309	96.7	0.691	3.127	343.7	550.5	0.967	5.287	0.02	0.270	68.5	57.9	2.6	0.212
		6.82	7.09	13.91	TWO	4.570	349.9	-0.5	111.9										
44980.0	46220.0	0.300	212.2	-3.7	2.01	1.309	92.5	0.687	3.130	353.8	550.4	0.981	5.280	-0.76	0.270	69.1	58.4	1.7	0.210
		6.40	7.07	13.47	TWO	4.570	349.9	-0.5	111.5										
44990.0	46220.0	0.311	210.0	11.3	5.11	1.309	88.4	0.686	3.130	3.9	190.3	0.983D	5.277	-3.91	0.270	69.3	58.7	-2.1	0.210
		6.61	7.08	13.69	TWO	4.570	349.9	-0.5	111.2										
45000.0	46220.0	0.359	178.7	-37.0	-8.86	1.308	84.3	0.689	3.125	14.0	190.3	0.973D	5.277	10.02	0.269	69.1	58.6	14.2	0.218
		7.55	7.14	14.70	ONE	4.570	349.9	-0.5	110.5										
45010.0	46220.0	0.350	187.6	-13.0	-2.41	1.306	80.1	0.695	3.116	24.1	190.3	0.9510	5.281	3.51	0.268	68.6	58.4	6.7	0.214
		7.38	7.11	14.49	ONE	4.570	349.9	-0.5	111.3										
45020.0	46220.0	0.397	187.5	-8.2	-1.42	1.304	76.0	0.704	3.103	34.2	190.2	0.9180	5.288	2.47	0.265	67.9	58.1	5.4	0.218
		8.37	7.14	15.51	ONE	4.570	349.9	-0.5	111.6										
45030.0	46220.0	0.455	188.3	-6.6	-1.03	1.302	71.7	0.717	3.086	44.2	190.2	0.8740	5.298	2.03	0.262	66.7	57.8	4.8	0.224
		9.67	7.19	16.86	ONE	4.570	349.9	-0.5	112.0										
45040.0	46220.0	0.520	190.4	-6.6	-0.83	1.299	67.5	0.733	3.065	54.1	190.1	0.820D	5.311	1.77	0.257	65.3	57.5	4.4	0.231
		11.21	7.26	18.47	ONE	4.570	349.9	-0.5	112.4										
45050.0	44220.0	0.590	193.5	-7.3	-0.71	1.296	63.1	0.751	3.041	63.9	189.9	0.757D	5.325	1.59	0.252	63.6	57.1	4.1	0.240
		12.94	7.35	20.28	ONE	4.570	349.9	-0.5	112.7										
ARRIVAL DATE = 2446240.0																			
44920.0	46240.0	0.626	214.6	-12.7	0.62	1.302	118.7	0.765	3.076	292.3	551.6	0.724	5.429	1.04	0.261	58.4	54.2	3.4	0.254
		13.88	7.49	21.36	TWO	4.313	351.6	-0.4	117.4										
44930.0	46240.0	0.552	218.1	-13.5	0.65	1.304	114.2	0.744	3.092	302.4	551.6	0.792	5.392	0.92	0.264	61.1	55.1	3.4	0.242
		12.01	7.37	19.38	TWO	4.313	351.6	-0.4	116.5										
44940.0	46240.0	0.484	220.6	-13.9	0.71	1.306	109.8	0.726	3.106	312.4	551.5	0.851	5.362	0.79	0.267	63.3	56.0	3.3	0.233
		10.34	7.28	17.62	TWO	4.313	351.6	-0.4	115.6										
44950.0	46240.0	0.421	221.8	-13.6	0.81	1.308	105.5	0.711	3.119	322.5	551.4	0.900	5.338	0.62	0.269	65.0	56.8	3.2	0.225
		8.91	7.20	16.11	TWO	4.313	351.6	-0.4	114.8										
44960.0	46240.0	0.368	221.2	-12.4	0.98	1.309	101.3	0.700	3.129	332.5	551.3	0.938	5.319	0.39	0.271	66.4	57.5	3.0	0.219
		7.75	7.15	14.90	TWO	4.313	351.6	-0.4	114.1										
44970.0	46240.0	0.326	218.4	-9.7	1.28	1.310	97.1	0.692	3.136	342.6	551.2	0.965	5.306	0.02	0.272	67.3	58.1	2.6	0.215
		6.90	7.11	14.02	TWO	4.313	351.6	-0.4	113.5										
44980.0	46240.0	0.302	213.9	-4.7	1.94	1.310	93.0	0.688	3.139	352.7	551.1	0.980	5.298	-0.69	0.273	67.9	58.5	1.8	0.212
		6.43	7.09	13.53	TWO	4.313	351.6	-0.4	113.1										
44990.0	46240.0	0.306	210.6	7.5	4.29	1.309	88.9	0.687	3.139	2.8	191.0	0.984D	5.294	-3.09	0.273	68.1	58.8	-1.1	0.212
		6.51	7.09	13.60	TWO	4.313	351.6	-0.4	112.8										
45000.0	46240.0	0.463	158.4	-54.8	-17.27	1.308	84.7	0.689	3.135	13.0	190.9	0.975D	5.294	18.41	0.272	68.0	59.4	22.2	0.238
		9.87	7.33	17.19	ONE	4.313	351.6	-0.4	110.3										
45010.0	46240.0	0.347	188.1	-15.3	-2.92	1.307	80.6	0.695	3.126	23.0	190.9	0.954D	5.298	4.00	0.270	67.5	58.6	7.2	0.216
		7.32	7.13	14.45	ONE	4.313	351.6	-0.4	112.8										
45020.0	46240.0	0.392	188.3	-9.3	-1.62	1.305	76.4	0.704	3.114	33.1	190.9	0.922D	5.305	2.65	0.268	66.8	58.4	5.6	0.220
		8.25	7.16	15.41	ONE	4.313	351.6	-0.4	113.1										
45030.0	46240.0	0.448	189.1	-7.4	-1.15	1.302	72.2	0.716	3.097	43.1	190.8	0.880D	5.315	2.12	0.265	65.7	58.1	4.9	0.225
		9.52	7.21	16.73	ONE	4.313	351.6	-0.4	113.4										
45040.0	46240.0	0.512	191.1	-7.1	-0.91	1.299	67.9	0.731	3.077	52.9	190.7	0.827D	5.328	1.83	0.261	64.3	57.8	4.4	0.233
		11.03	7.28	18.31	ONE	4.313	351.6	-0.4	113.7										
45050.0	46240.0	0.581	194.1	-7.7	-0.77	1.296	63.6	0.749	3.054	62.7	190.5	0.765D	5.343	1.63	0.256	62.6	57.5	4.1	0.242
		12.73	7.36	20.10	ONE	4.313	351.6	-0.4	114.0										
ARRIVAL DATE = 2446260.0																			
44920.0	46260.0	0.637	215.4	-12.9	0.65	1.302	119.3	0.768	3.086	291.1	552.1	0.714	5.457	1.03	0.263	57.1	54.7	3.4	0.259
		14.15	7.53	21.69	TWO	4.135	353.4	-0.4	118.6										
44930.0	46260.0	0.562	219.0	-13.7	0.68	1.305	114.7	0.747	3.101	301.2	552.1	0.784	5.418	0.91	0.267	59.8	55.5	3.4	0.247
		12.25	7.41	19.66	TWO	4.135	353.4	-0.4	117.8										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
44940.0	46260.0	0.492	221.6	-14.1	0.74	1.307	110.3	0.729	3.115	311.3	552.1	0.844	5.386	0.77	0.269	62.0	56.3	3.3	0.237
		10.55	7.31	17.86	TWO	4.135	353.4	-0.4	117.0										
44950.0	46260.0	0.429	223.0	-13.9	0.84	1.308	106.0	0.714	3.127	321.3	552.0	0.895	5.360	0.60	0.272	63.8	57.1	3.2	0.228
		9.08	7.24	16.32	TWO	4.135	353.4	-0.4	116.2										
44960.0	46260.0	0.374	222.6	-12.8	1.00	1.309	101.7	0.702	3.137	331.4	551.9	0.934	5.340	0.38	0.273	65.2	57.8	3.0	0.222
		7.88	7.18	15.06	TWO	4.135	353.4	-0.4	115.6										
44970.0	46260.0	0.331	220.0	-10.3	1.28	1.310	97.6	0.694	3.144	341.5	551.8	0.962	5.326	0.02	0.275	66.1	58.3	2.6	0.218
		6.99	7.14	14.13	TWO	4.135	353.4	-0.4	115.0										
44980.0	46260.0	0.304	215.6	-5.6	1.88	1.310	93.4	0.689	3.148	351.6	551.7	0.979	5.317	-0.63	0.275	66.7	58.7	1.9	0.215
		6.47	7.12	13.59	TWO	4.135	353.4	-0.4	114.6										
44990.0	46260.0	0.303	211.6	4.7	3.74	1.310	89.3	0.687	3.149	1.7	191.6	0.984D	5.312	-2.55	0.275	67.0	59.0	-0.4	0.215
		6.45	7.11	13.57	TWO	4.135	353.4	-0.4	114.4										
45010.0	46260.0	0.346	188.4	-18.3	-3.59	1.307	81.0	0.695	3.137	21.9	191.5	0.957D	5.316	4.66	0.273	66.5	58.8	8.0	0.219
		7.29	7.15	14.44	ONE	4.135	353.4	-0.4	114.2										
45020.0	46260.0	0.386	189.2	-10.6	-1.85	1.305	76.9	0.703	3.125	31.9	191.5	0.927D	5.323	2.87	0.271	65.8	58.7	5.8	0.222
		8.14	7.18	15.32	ONE	4.135	353.4	-0.4	114.5										
45030.0	46260.0	0.442	190.0	-8.2	-1.27	1.303	72.7	0.715	3.109	41.9	191.4	0.885D	5.333	2.23	0.268	64.7	58.4	5.0	0.227
		9.37	7.23	16.60	ONE	4.135	353.4	-0.4	114.8										
45040.0	46260.0	0.505	191.9	-7.7	-1.00	1.300	68.4	0.730	3.090	51.8	191.2	0.834D	5.346	1.89	0.264	63.4	58.2	4.5	0.235
		10.85	7.29	18.15	ONE	4.135	353.4	-0.4	115.1										
45050.0	46260.0	0.573	194.8	-8.2	-0.84	1.297	64.1	0.748	3.067	61.5	191.0	0.773D	5.362	1.67	0.260	61.7	58.0	4.2	0.243
		12.53	7.38	19.91	ONE	4.135	353.4	-0.4	115.3										
45060.0	46260.0	0.645	198.5	-9.2	-0.74	1.293	59.8	0.768	3.042	71.2	190.8	0.705D	5.379	1.50	0.255	59.7	57.8	3.9	0.254
		14.36	7.48	21.84	ONE	4.135	353.4	-0.4	115.5										

ARRIVAL DATE = 2446280.0

44920.0	46280.0	0.648	216.2	-13.1	0.69	1.303	120.0	0.772	3.095	289.8	552.5	0.704	5.486	1.03	0.266	55.7	55.3	3.4	0.264
		14.44	7.58	22.02	TWO	4.062	355.1	-0.3	119.8										
44930.0	46280.0	0.572	219.8	-14.0	0.71	1.305	115.3	0.751	3.110	299.9	552.6	0.776	5.445	0.90	0.269	58.5	56.0	3.4	0.251
		12.50	7.45	19.95	TWO	4.062	355.1	-0.3	119.0										
44940.0	46280.0	0.501	222.6	-14.4	0.77	1.307	110.9	0.732	3.124	310.1	552.6	0.837	5.411	0.76	0.272	60.8	56.8	3.3	0.241
		10.76	7.35	18.11	TWO	4.062	355.1	-0.3	118.3										
44950.0	46280.0	0.437	224.1	-14.2	0.86	1.309	106.5	0.717	3.136	320.2	552.6	0.889	5.384	0.59	0.274	62.6	57.5	3.2	0.232
		9.26	7.27	16.53	TWO	4.062	355.1	-0.3	117.6										
44960.0	46280.0	0.381	223.9	-13.2	1.01	1.310	102.2	0.704	3.146	330.3	552.5	0.930	5.362	0.36	0.276	64.0	58.1	3.0	0.226
		8.02	7.21	15.23	TWO	4.062	355.1	-0.3	117.0										
44970.0	46280.0	0.336	221.6	-10.9	1.28	1.310	98.0	0.696	3.153	340.4	552.4	0.960	5.347	0.02	0.277	65.0	58.6	2.6	0.221
		7.09	7.17	14.26	TWO	4.062	355.1	-0.3	116.5										
44980.0	46280.0	0.307	217.3	-6.5	1.83	1.310	93.9	0.690	3.157	350.5	552.3	0.978	5.337	-0.58	0.278	65.6	59.0	2.0	0.218
		6.52	7.14	13.67	TWO	4.062	355.1	-0.3	116.1										
44990.0	46280.0	0.301	212.9	2.4	3.36	1.310	89.8	0.688	3.158	0.6	192.3	0.984D	5.332	-2.18	0.278	65.9	59.3	0.1	0.217
		6.42	7.14	13.56	TWO	4.062	355.1	-0.3	115.8										
45000.0	46280.0	0.572	232.8	56.3	24.30	1.309	85.7	0.690	3.155	10.5	192.2	0.978D	5.331	-23.18	0.278	65.9	62.1	-20.2	0.256
		12.50	7.50	20.00	TWO	4.062	355.1	-0.3	111.7										
45010.0	46280.0	0.346	188.2	-22.3	-4.53	1.307	81.5	0.695	3.147	20.8	192.1	0.960D	5.334	5.59	0.276	65.5	59.2	9.0	0.222
		7.30	7.18	14.48	ONE	4.062	355.1	-0.3	115.5										
45020.0	46280.0	0.381	190.0	-12.0	-2.12	1.305	77.3	0.703	3.136	30.8	192.1	0.931D	5.341	3.12	0.274	64.8	59.1	6.1	0.224
		8.03	7.20	15.23	ONE	4.062	355.1	-0.3	115.9										
45030.0	46280.0	0.435	190.8	-9.1	-1.41	1.303	73.2	0.715	3.121	40.8	192.0	0.891D	5.352	2.35	0.271	63.8	58.9	5.1	0.229
		9.22	7.25	16.47	ONE	4.062	355.1	-0.3	116.1										
45040.0	46280.0	0.498	192.7	-8.3	-1.09	1.300	68.9	0.729	3.103	50.6	191.8	0.840D	5.365	1.96	0.268	62.5	58.7	4.6	0.236
		10.67	7.31	17.99	ONE	4.062	355.1	-0.3	116.4										
45050.0	46280.0	0.565	195.5	-8.7	-0.91	1.297	64.6	0.746	3.081	60.4	191.6	0.781D	5.381	1.71	0.264	60.8	58.5	4.2	0.245
		12.33	7.39	19.72	ONE	4.062	355.1	-0.3	116.6										
45060.0	46280.0	0.636	199.2	-9.6	-0.80	1.294	60.3	0.766	3.056	70.0	191.3	0.714D	5.398	1.53	0.258	58.9	58.3	3.9	0.255
		14.13	7.50	21.63	ONE	4.062	355.1	-0.3	116.7										

ARRIVAL DATE = 2446300.0

44930.0	46300.0	0.582	220.7	-14.2	0.74	1.306	115.9	0.754	3.120	298.6	553.1	0.767	5.473	0.89	0.272	57.2	56.6	3.4	0.256
		12.76	7.50	20.26	TWO	4.105	356.9	-0.2	120.2										
44940.0	46300.0	0.510	223.6	-14.7	0.79	1.307	111.4	0.735	3.134	308.8	553.1	0.830	5.437	0.75	0.275	59.6	57.3	3.3	0.245
		10.99	7.39	18.38	TWO	4.105	356.9	-0.2	119.5										
44950.0	46300.0	0.445	225.3	-14.5	0.88	1.309	107.0	0.719	3.146	319.0	553.1	0.883	5.408	0.58	0.277	61.4	57.9	3.2	0.236
		9.44	7.31	16.75	TWO	4.105	356.9	-0.2	118.9										
44960.0	46300.0	0.387	225.3	-13.6	1.03	1.310	102.7	0.707	3.156	329.1	553.1	0.926	5.386	0.35	0.279	62.9	58.5	3.0	0.229
		8.16	7.24	15.40	TWO	4.105	356.9	-0.2	118.3										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
44970.0	46300.0	0.341	223.2	-11.4	1.28	1.311	98.5	0.697	3.163	339.2	553.0	0.957	5.369	0.02	0.280	63.9	59.0	2.7	0.224
		7.19	7.20	14.39	TWO	4.105	356.9	-0.2	117.8										
44980.0	46300.0	0.310	219.1	-7.3	1.78	1.311	94.4	0.692	3.167	349.3	552.9	0.976	5.358	-0.54	0.281	64.6	59.4	2.0	0.221
		6.58	7.17	13.75	TWO	4.105	356.9	-0.2	117.5										
44990.0	46300.0	0.301	214.3	0.6	3.08	1.310	90.2	0.689	3.168	359.4	552.9	0.984	5.352	-1.90	0.281	64.9	59.7	0.5	0.220
		6.41	7.16	13.57	TWO	4.105	356.9	-0.2	117.2										
45000.0	46300.0	0.391	219.7	33.3	17.39	1.309	86.1	0.690	3.165	9.5	192.8	0.9800	5.351	-11.28	0.280	64.9	60.6	-9.8	0.230
		8.25	7.25	15.50	TWO	4.105	356.9	-0.2	115.9										
45010.0	46300.0	0.351	187.1	-27.6	-5.94	1.308	82.0	0.695	3.158	19.7	192.7	0.9630	5.354	6.99	0.279	64.6	59.7	10.5	0.226
		7.40	7.21	14.61	ONE	4.105	356.9	-0.2	116.7										
45020.0	46300.0	0.377	190.8	-13.7	-2.44	1.306	77.8	0.703	3.148	29.7	192.7	0.9350	5.361	3.43	0.277	63.9	59.5	6.4	0.227
		7.93	7.22	15.15	ONE	4.105	356.9	-0.2	117.2										
45030.0	46300.0	0.429	191.7	-10.0	-1.57	1.304	73.6	0.714	3.134	39.6	192.5	0.8960	5.371	2.49	0.275	62.9	59.3	5.3	0.232
		9.08	7.27	16.34	ONE	4.105	356.9	-0.2	117.4										
45040.0	46300.0	0.490	193.5	-9.0	-1.19	1.301	69.4	0.728	3.116	49.4	192.4	0.8470	5.384	2.04	0.271	61.6	59.2	4.7	0.238
		10.50	7.33	17.83	ONE	4.105	356.9	-0.2	117.6										
45050.0	46300.0	0.557	196.3	-9.2	-0.98	1.298	65.2	0.745	3.095	59.1	192.1	0.7890	5.400	1.76	0.267	60.0	59.0	4.3	0.247
		12.12	7.41	19.53	ONE	4.105	356.9	-0.2	117.8										
45060.0	46300.0	0.628	199.9	-10.0	-0.85	1.295	60.8	0.764	3.071	68.7	191.8	0.7230	5.418	1.56	0.262	58.1	58.9	4.0	0.257
		13.91	7.51	21.42	ONE	4.105	356.9	-0.2	117.9										

ARRIVAL DATE = 2446320.0

44930.0	46320.0	0.593	221.6	-14.5	0.77	1.306	116.5	0.758	3.130	297.3	553.5	0.757	5.503	0.89	0.275	56.0	57.2	3.4	0.260
		13.03	7.55	20.58	TWO	4.259	358.6	-0.1	121.3										
44940.0	46320.0	0.520	224.6	-14.9	0.82	1.308	112.0	0.738	3.144	307.5	553.6	0.822	5.465	0.74	0.277	58.4	57.8	3.3	0.249
		11.22	7.43	18.65	TWO	4.259	358.6	-0.1	120.7										
44950.0	46320.0	0.453	226.4	-14.9	0.90	1.309	107.6	0.722	3.156	317.7	553.6	0.877	5.434	0.56	0.279	60.3	58.4	3.2	0.240
		9.64	7.34	16.98	TWO	4.259	358.6	-0.1	120.1										
44960.0	46320.0	0.394	226.7	-14.0	1.04	1.310	103.3	0.709	3.166	327.9	553.6	0.921	5.410	0.34	0.281	61.8	59.0	3.0	0.233
		8.32	7.28	15.59	TWO	4.259	358.6	-0.1	119.6										
44970.0	46320.0	0.346	224.8	-12.0	1.29	1.311	99.0	0.699	3.173	338.0	553.6	0.954	5.392	0.01	0.283	62.9	59.4	2.7	0.227
		7.30	7.23	14.53	TWO	4.259	358.6	-0.1	119.1										
44980.0	46320.0	0.313	220.9	-8.2	1.75	1.311	94.8	0.693	3.177	348.1	553.5	0.975	5.380	-0.51	0.283	63.6	59.8	2.1	0.224
		6.64	7.20	13.84	TWO	4.259	358.6	-0.1	118.8										
44990.0	46320.0	0.301	215.9	-1.0	2.85	1.311	90.7	0.690	3.178	358.3	553.5	0.984	5.373	-1.68	0.284	63.9	60.1	0.7	0.223
		6.41	7.19	13.60	TWO	4.259	358.6	-0.1	118.5										
45000.0	46320.0	0.346	216.6	21.7	8.51	1.310	86.6	0.691	3.176	8.3	193.4	0.9810	5.371	-7.41	0.283	64.0	60.6	-5.6	0.227
		7.29	7.22	14.52	TWO	4.259	358.6	-0.1	117.9										
45010.0	46320.0	0.366	183.9	-35.5	-8.30	1.308	82.4	0.695	3.170	18.5	193.3	0.9660	5.374	9.33	0.282	63.6	60.2	12.9	0.231
		7.72	7.26	14.98	ONE	4.259	358.6	-0.1	117.6										
45020.0	46320.0	0.372	191.5	-15.6	-2.84	1.306	78.3	0.703	3.160	28.5	193.2	0.9390	5.381	3.81	0.280	63.0	60.0	6.8	0.229
		7.84	7.24	15.09	ONE	4.259	358.6	-0.1	118.4										
45030.0	46320.0	0.423	192.6	-11.0	-1.75	1.304	74.1	0.713	3.146	38.4	193.1	0.9020	5.391	2.65	0.278	62.1	59.9	5.4	0.234
		8.94	7.29	16.22	ONE	4.259	358.6	-0.1	118.6										
45040.0	46320.0	0.483	194.3	-9.7	-1.29	1.301	69.9	0.727	3.129	48.2	192.9	0.8540	5.404	2.13	0.275	60.8	59.7	4.8	0.240
		10.32	7.35	17.67	ONE	4.259	358.6	-0.1	118.8										
45050.0	46320.0	0.549	197.0	-9.7	-1.05	1.298	65.7	0.744	3.109	57.9	192.7	0.7970	5.420	1.81	0.271	59.3	59.6	4.3	0.249
		11.92	7.43	19.35	ONE	4.259	358.6	-0.1	118.9										
45060.0	46320.0	0.619	200.5	-10.5	-0.91	1.295	61.4	0.763	3.085	67.5	192.3	0.7320	5.438	1.59	0.266	57.4	59.5	4.0	0.258
		13.68	7.53	21.21	ONE	4.259	358.6	-0.1	119.0										

ARRIVAL DATE = 2446340.0

44930.0	46340.0	0.604	222.5	-14.7	0.80	1.306	117.2	0.762	3.140	296.0	553.9	0.748	5.533	0.88	0.278	54.9	57.9	3.4	0.265
		13.31	7.60	20.91	TWO	4.497	0.4	0.0	122.4										
44940.0	46340.0	0.530	225.6	-15.2	0.84	1.308	112.6	0.742	3.154	306.3	554.1	0.814	5.493	0.73	0.280	57.3	58.5	3.3	0.253
		11.46	7.48	18.94	TWO	4.497	0.4	0.0	121.8										
44950.0	46340.0	0.462	227.6	-15.2	0.92	1.310	108.1	0.725	3.166	316.5	554.1	0.871	5.461	0.55	0.282	59.2	59.0	3.2	0.244
		9.84	7.38	17.22	TWO	4.497	0.4	0.0	121.3										
44960.0	46340.0	0.402	228.0	-14.4	1.06	1.311	103.8	0.711	3.176	326.6	554.1	0.916	5.435	0.33	0.284	60.7	59.5	3.0	0.236
		8.48	7.31	15.79	TWO	4.497	0.4	0.0	120.8										
44970.0	46340.0	0.352	226.4	-12.5	1.29	1.311	99.5	0.701	3.183	336.8	554.1	0.951	5.416	0.01	0.285	61.9	60.0	2.7	0.231
		7.42	7.26	14.68	TWO	4.497	0.4	0.0	120.4										
44980.0	46340.0	0.317	222.7	-9.0	1.71	1.312	95.3	0.695	3.188	347.0	554.1	0.973	5.403	-0.48	0.286	62.6	60.3	2.1	0.227
		6.71	7.23	13.94	TWO	4.497	0.4	0.0	120.0										
44990.0	46340.0	0.301	217.7	-2.5	2.68	1.311	91.2	0.692	3.189	357.1	554.0	0.984	5.395	-1.51	0.286	63.0	60.6	1.0	0.226
		6.42	7.21	13.63	TWO	4.497	0.4	0.0	119.8										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	T 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45000.0	46340.0	0.327	216.0	14.7	6.60	1.310	87.1	0.692	3.187	7.2	194.0	0.9820	5.393	-5.51	0.286	63.1	60.9	-3.5	0.228
		6.92	7.23	14.15	TWO	4.497	0.4	0.0	119.4										
45010.0	46340.0	0.415	174.2	-47.6	-13.00	1.309	82.9	0.696	3.182	17.4	193.9	0.9680	5.395	14.03	0.285	62.8	61.2	17.4	0.242
		8.76	7.36	16.12	ONE	4.497	0.4	0.0	117.7										
45020.0	46340.0	0.369	192.1	-17.9	-3.34	1.307	78.8	0.703	3.172	27.3	193.8	0.9430	5.401	4.30	0.283	62.2	60.6	7.3	0.232
		7.77	7.27	15.04	ONE	4.497	0.4	0.0	119.5										
45030.0	46340.0	0.416	193.5	-12.2	-1.95	1.305	74.6	0.713	3.159	37.2	193.6	0.9070	5.411	2.84	0.281	61.3	60.5	5.6	0.236
		8.80	7.31	16.11	ONE	4.497	0.4	0.0	119.7										
45040.0	46340.0	0.475	195.1	-10.4	-1.41	1.302	70.4	0.726	3.143	47.0	193.5	0.8610	5.425	2.22	0.278	60.1	60.4	4.9	0.242
		10.15	7.37	17.52	ONE	4.497	0.4	0.0	119.9										
45050.0	46340.0	0.541	197.8	-10.2	-1.13	1.299	66.2	0.742	3.123	56.7	193.2	0.8050	5.441	1.87	0.274	58.6	60.3	4.4	0.250
		11.72	7.45	19.17	ONE	4.497	0.4	0.0	120.0										
45060.0	46340.0	0.610	201.2	-10.9	-0.97	1.296	61.9	0.761	3.100	66.3	192.8	0.7410	5.459	1.63	0.270	56.8	60.2	4.1	0.260
		13.46	7.54	21.00	ONE	4.497	0.4	0.0	120.1										
ARRIVAL DATE = 2446360.0																			
44930.0	46360.0	0.616	223.4	-15.0	0.83	1.307	117.8	0.766	3.151	294.6	554.3	0.738	5.564	0.87	0.280	53.7	58.7	3.4	0.270
		13.60	7.65	21.25	TWO	4.789	2.1	0.1	123.4										
44940.0	46360.0	0.540	226.6	-15.5	0.87	1.309	113.2	0.745	3.164	304.9	554.5	0.806	5.522	0.72	0.283	56.2	59.2	3.3	0.258
		11.71	7.52	19.23	TWO	4.789	2.1	0.1	122.9										
44950.0	46360.0	0.471	228.7	-15.5	0.94	1.310	108.7	0.728	3.176	315.2	554.6	0.864	5.488	0.54	0.285	58.1	59.7	3.2	0.248
		10.05	7.42	17.47	TWO	4.789	2.1	0.1	122.4										
44960.0	46360.0	0.410	229.4	-14.8	1.07	1.311	104.3	0.714	3.186	325.4	554.7	0.911	5.461	0.32	0.287	59.7	60.1	3.0	0.240
		8.65	7.35	16.00	TWO	4.789	2.1	0.1	121.9										
44970.0	46360.0	0.358	228.0	-13.0	1.29	1.312	100.1	0.703	3.194	335.6	554.6	0.947	5.440	0.01	0.288	60.9	60.6	2.7	0.234
		7.54	7.29	14.84	TWO	4.789	2.1	0.1	121.5										
44980.0	46360.0	0.321	224.5	-9.7	1.68	1.312	95.8	0.696	3.199	345.7	554.6	0.971	5.426	-0.45	0.289	61.7	60.9	2.2	0.231
		6.79	7.26	14.04	TWO	4.789	2.1	0.1	121.2										
44990.0	46360.0	0.302	219.5	-3.8	2.53	1.311	91.7	0.693	3.200	355.9	554.6	0.983	5.418	-1.38	0.289	62.1	61.1	1.1	0.229
		6.44	7.24	13.68	TWO	4.789	2.1	0.1	121.0										
45000.0	46360.0	0.318	216.4	10.0	5.46	1.311	87.6	0.693	3.199	6.0	194.5	0.9830	5.415	-6.38	0.289	62.2	61.4	-2.2	0.230
		6.74	7.25	13.99	TWO	4.789	2.1	0.1	120.7										
45010.0	46360.0	0.618	134.2	-61.7	-26.61	1.309	83.3	0.696	3.194	16.3	194.4	0.9700	5.417	27.62	0.288	61.9	63.9	27.5	0.281
		13.65	7.77	21.42	ONE	4.789	2.1	0.1	114.8										
45020.0	46360.0	0.366	192.5	-20.7	-3.99	1.307	79.3	0.703	3.185	26.1	194.3	0.9470	5.422	4.93	0.286	61.4	61.2	8.0	0.235
		7.72	7.29	15.01	ONE	4.789	2.1	0.1	120.6										
45030.0	46360.0	0.410	194.3	-13.4	-2.19	1.305	75.1	0.712	3.172	36.0	194.2	0.9120	5.432	3.05	0.284	60.6	61.1	5.9	0.238
		8.66	7.33	15.99	ONE	4.789	2.1	0.1	120.9										
45040.0	46360.0	0.468	196.0	-11.2	-1.54	1.302	71.0	0.725	3.157	45.8	194.0	0.8670	5.446	2.33	0.281	59.4	61.0	5.0	0.244
		9.98	7.39	17.37	ONE	4.789	2.1	0.1	121.0										
45050.0	46360.0	0.533	198.5	-10.8	-1.22	1.300	66.7	0.741	3.137	55.5	193.7	0.8130	5.462	1.93	0.278	57.9	61.0	4.5	0.252
		11.52	7.47	18.99	ONE	4.789	2.1	0.1	121.1										
45060.0	46360.0	0.601	202.0	-11.3	-1.04	1.296	62.5	0.759	3.115	65.0	193.3	0.7500	5.481	1.66	0.274	56.2	61.0	4.1	0.262
		13.24	7.56	20.80	ONE	4.789	2.1	0.1	121.1										
ARRIVAL DATE = 2446380.0																			
44930.0	46380.0	0.627	224.2	-15.2	0.85	1.307	118.5	0.770	3.162	293.2	554.7	0.727	5.596	0.87	0.283	52.6	59.5	3.4	0.275
		13.90	7.70	21.60	TWO	5.097	3.9	0.2	124.3										
44940.0	46380.0	0.551	227.6	-15.7	0.89	1.309	113.8	0.749	3.175	303.6	554.9	0.797	5.553	0.71	0.285	55.1	59.9	3.3	0.262
		11.97	7.57	19.54	TWO	5.097	3.9	0.2	123.9										
44950.0	46380.0	0.481	229.9	-15.4	0.96	1.311	109.3	0.731	3.187	313.9	555.1	0.857	5.517	0.53	0.287	57.1	60.4	3.2	0.252
		10.27	7.46	17.74	TWO	5.097	3.9	0.2	123.4										
44960.0	46380.0	0.418	230.7	-15.2	1.08	1.312	104.9	0.717	3.197	324.1	555.1	0.906	5.488	0.31	0.289	58.7	60.8	3.0	0.244
		8.83	7.38	16.21	TWO	5.097	3.9	0.2	123.0										
44970.0	46380.0	0.365	229.6	-13.6	1.29	1.312	100.6	0.706	3.205	334.3	555.2	0.943	5.466	0.01	0.290	59.9	61.2	2.7	0.238
		7.68	7.33	15.01	TWO	5.097	3.9	0.2	122.7										
44980.0	46380.0	0.325	226.3	-10.5	1.65	1.312	96.4	0.698	3.210	344.5	555.2	0.969	5.451	-0.43	0.291	60.8	61.5	2.2	0.234
		6.87	7.29	14.16	TWO	5.097	3.9	0.2	122.4										
44990.0	46380.0	0.304	221.3	-5.0	2.41	1.312	92.2	0.694	3.212	354.7	555.1	0.982	5.441	-1.26	0.292	61.2	61.7	1.3	0.232
		6.47	7.27	13.74	TWO	5.097	3.9	0.2	122.1										
45000.0	46380.0	0.312	217.4	6.5	4.71	1.311	88.1	0.694	3.211	4.7	195.1	0.9840	5.437	-3.64	0.291	61.4	62.0	-1.3	0.232
		6.63	7.27	13.90	TWO	5.097	3.9	0.2	121.9										
45020.0	46380.0	0.366	192.5	-24.3	-4.86	1.308	79.8	0.703	3.198	24.9	194.9	0.9510	5.444	5.79	0.289	60.7	61.9	8.8	0.238
		7.70	7.32	15.02	ONE	5.097	3.9	0.2	121.6										
45030.0	46380.0	0.405	195.2	-14.8	-2.46	1.306	75.6	0.712	3.186	34.8	194.7	0.9170	5.454	3.31	0.287	59.8	61.8	6.1	0.241
		8.54	7.35	15.89	ONE	5.097	3.9	0.2	121.9										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45040.0	46380.0	0.461	196.9	-12.1	-1.68	1.303	71.5	0.724	3.171	44.5	194.5	0.6740	5.467	2.45	0.285	58.7	61.7	5.1	0.247
		9.81	7.41	17.22	ONE	5.097	3.9	0.2	122.0										
45050.0	46380.0	0.524	199.3	-11.4	-1.31	1.300	67.3	0.740	3.152	54.2	194.2	0.8200	5.484	2.00	0.281	57.3	61.7	4.6	0.254
		11.32	7.48	18.81	ONE	5.097	3.9	0.2	122.1										
45060.0	46380.0	0.593	202.7	-11.8	-1.10	1.297	63.0	0.758	3.131	63.7	193.8	0.7590	5.503	1.71	0.278	55.6	61.7	4.2	0.263
		13.01	7.58	20.59	ONE	5.097	3.9	0.2	122.1										
ARRIVAL DATE = 2446400.0																			
44930.0	46400.0	0.639	225.1	-15.5	0.88	1.308	119.2	0.774	3.173	291.8	555.0	0.717	5.629	0.87	0.286	51.5	60.4	3.4	0.280
		14.21	7.75	21.96	TWO	5.393	5.6	0.3	125.2										
44940.0	46400.0	0.562	228.6	-16.0	0.91	1.309	114.4	0.753	3.186	302.2	555.3	0.788	5.584	0.70	0.288	54.0	60.8	3.3	0.267
		12.24	7.62	19.86	TWO	5.393	5.6	0.3	124.8										
44950.0	46400.0	0.490	231.0	-16.1	0.98	1.311	109.9	0.734	3.198	312.5	555.5	0.850	5.546	0.52	0.290	56.1	61.2	3.2	0.256
		10.50	7.51	18.01	TWO	5.393	5.6	0.3	124.4										
44960.0	46400.0	0.426	232.1	-15.5	1.10	1.312	105.4	0.719	3.208	322.8	555.6	0.900	5.516	0.31	0.292	57.8	61.6	3.0	0.248
		9.02	7.42	16.44	TWO	5.393	5.6	0.3	124.1										
44970.0	46400.0	0.371	231.2	-14.1	1.29	1.313	101.1	0.708	3.216	333.1	555.7	0.939	5.492	0.01	0.293	59.0	61.9	2.7	0.242
		7.82	7.36	15.18	TWO	5.393	5.6	0.3	123.7										
44980.0	46400.0	0.330	228.1	-11.2	1.63	1.313	96.9	0.700	3.221	343.3	555.7	0.966	5.476	-0.40	0.294	59.9	62.2	2.3	0.237
		6.97	7.32	14.29	TWO	5.393	5.6	0.3	123.4										
44990.0	46400.0	0.306	223.2	-6.2	2.31	1.312	92.7	0.696	3.223	353.4	555.6	0.981	5.465	-1.17	0.294	60.4	62.4	1.4	0.235
		6.51	7.30	13.80	TWO	5.393	5.6	0.3	123.2										
45000.0	46400.0	0.309	218.7	3.8	4.18	1.311	88.6	0.695	3.223	3.5	195.6	0.9840	5.461	-3.11	0.294	60.6	62.6	-0.7	0.235
		6.56	7.30	13.86	TWO	5.393	5.6	0.3	123.0										
45010.0	46400.0	0.581	233.5	54.8	24.58	1.310	84.5	0.697	3.218	13.4	195.5	0.9760	5.461	-23.59	0.294	60.4	65.7	-19.2	0.273
		12.72	7.68	20.40	TWO	5.393	5.6	0.3	118.0										
45020.0	46400.0	0.368	191.8	-28.9	-6.10	1.308	80.3	0.703	3.211	23.6	195.4	0.9540	5.467	7.01	0.292	59.9	62.6	10.1	0.241
		7.76	7.36	15.12	ONE	5.393	5.6	0.3	122.5										
45030.0	46400.0	0.399	196.0	-16.5	-2.79	1.306	76.1	0.712	3.199	33.5	195.2	0.9220	5.476	3.62	0.290	59.2	62.5	6.4	0.243
		8.42	7.38	15.79	ONE	5.393	5.6	0.3	122.9										
45040.0	46400.0	0.454	197.7	-13.0	-1.84	1.303	72.0	0.724	3.185	43.3	195.0	0.8800	5.489	2.59	0.288	58.1	62.5	5.3	0.249
		9.64	7.43	17.07	ONE	5.393	5.6	0.3	123.0										
45050.0	46400.0	0.516	200.2	-12.1	-1.41	1.301	67.8	0.739	3.167	52.9	194.7	0.8280	5.506	2.08	0.285	56.7	62.5	4.7	0.256
		11.12	7.50	18.63	ONE	5.393	5.6	0.3	123.1										
45060.0	46400.0	0.584	203.4	-12.3	-1.17	1.298	63.6	0.756	3.146	62.5	194.3	0.7680	5.525	1.75	0.281	55.0	62.5	4.2	0.265
		12.79	7.60	20.39	ONE	5.393	5.6	0.3	123.0										
ARRIVAL DATE = 2446420.0																			
44940.0	46420.0	0.573	229.6	-16.3	0.94	1.310	115.1	0.756	3.197	300.8	555.7	0.779	5.616	0.70	0.291	53.0	61.6	3.3	0.272
		12.52	7.67	20.19	TWO	5.648	7.4	0.4	125.7										
44950.0	46420.0	0.500	232.2	-16.4	1.00	1.311	110.5	0.738	3.209	311.2	555.9	0.842	5.576	0.52	0.293	55.2	62.0	3.2	0.261
		10.74	7.55	18.29	TWO	5.648	7.4	0.4	125.4										
44960.0	46420.0	0.435	233.4	-15.9	1.11	1.312	106.0	0.722	3.219	321.5	556.1	0.894	5.544	0.30	0.294	56.9	62.3	3.0	0.252
		9.21	7.46	16.68	TWO	5.648	7.4	0.4	125.0										
44970.0	46420.0	0.379	232.8	-14.5	1.29	1.313	101.7	0.710	3.227	331.8	556.1	0.935	5.519	0.00	0.296	58.1	62.7	2.7	0.245
		7.97	7.40	15.37	TWO	5.648	7.4	0.4	124.7										
44980.0	46420.0	0.335	230.0	-11.9	1.61	1.313	97.4	0.702	3.232	342.0	556.2	0.963	5.501	-0.39	0.297	59.1	62.9	2.3	0.241
		7.07	7.35	14.42	TWO	5.648	7.4	0.4	124.5										
44990.0	46420.0	0.308	225.2	-7.2	2.22	1.313	93.2	0.697	3.235	352.1	556.1	0.980	5.490	-1.09	0.297	59.6	63.2	1.6	0.238
		6.55	7.33	13.88	TWO	5.648	7.4	0.4	124.3										
45000.0	46420.0	0.307	220.3	1.5	3.77	1.312	89.1	0.696	3.235	2.3	196.1	0.9850	5.485	-2.72	0.297	59.8	63.4	-0.2	0.238
		6.52	7.32	13.84	TWO	5.648	7.4	0.4	124.1										
45010.0	46420.0	0.415	224.8	34.4	13.79	1.311	85.0	0.697	3.231	12.2	196.0	0.9770	5.484	-12.82	0.296	59.7	64.5	-10.4	0.250
		8.78	7.44	16.21	TWO	5.648	7.4	0.4	122.3										
45020.0	46420.0	0.378	189.7	-35.4	-8.02	1.309	80.8	0.703	3.224	22.4	195.9	0.9580	5.490	8.91	0.295	59.3	63.5	11.9	0.246
		7.97	7.40	15.37	ONE	5.648	7.4	0.4	123.2										
45030.0	46420.0	0.394	196.8	-18.3	-3.18	1.307	76.7	0.711	3.213	32.2	195.7	0.9270	5.499	3.99	0.293	58.5	63.3	6.8	0.246
		8.30	7.40	15.70	ONE	5.648	7.4	0.4	123.9										
45040.0	46420.0	0.447	198.6	-14.0	-2.02	1.304	72.5	0.723	3.199	42.0	195.5	0.8860	5.512	2.75	0.291	57.5	63.3	5.4	0.251
		9.48	7.45	16.93	ONE	5.648	7.4	0.4	124.0										
45050.0	46420.0	0.508	201.0	-12.7	-1.52	1.301	68.4	0.737	3.182	51.7	195.2	0.8360	5.528	2.16	0.288	56.2	63.3	4.8	0.258
		10.93	7.52	18.45	ONE	5.648	7.4	0.4	124.0										
45060.0	46420.0	0.575	204.2	-12.8	-1.25	1.298	64.1	0.754	3.162	61.2	194.8	0.7770	5.547	1.80	0.285	54.5	63.4	4.3	0.267
		12.57	7.61	20.18	ONE	5.648	7.4	0.4	124.0										
45070.0	46420.0	0.645	208.1	-13.6	-1.09	1.295	59.9	0.774	3.139	70.5	194.3	0.7110	5.568	1.55	0.281	52.6	63.5	4.0	0.277
		14.36	7.72	22.08	ONE	5.648	7.4	0.4	123.8										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 C3IST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
									ARRIVAL DATE = 2446440.0										
44940.0	46440.0	0.585 12.81	230.6 7.72	-16.5 20.53	0.96 TWO	1.310 5.843	115.8 9.2	0.760 0.5	3.209 126.6	299.4	556.0	0.769	5.649	0.69	0.293	52.0	62.6	3.3	0.276
44950.0	46440.0	0.511 10.99	233.3 7.60	-16.7 18.59	1.02 TWO	1.312 5.843	111.1 9.2	0.741 0.5	3.220 126.3	309.8	556.3	0.834	5.607	0.51	0.295	54.2	62.9	3.2	0.265
44960.0	46440.0	0.444 9.42	234.7 7.50	-16.2 16.92	1.12 TWO	1.313 5.843	106.6 9.2	0.725 0.5	3.230 126.0	320.1	556.5	0.888	5.573	0.29	0.297	56.0	63.2	3.0	0.256
44970.0	46440.0	0.386 8.13	234.4 7.43	-15.0 15.57	1.29 TWO	1.313 5.843	102.2 9.2	0.713 0.5	3.239 125.7	330.4	556.6	0.930	5.547	0.0	0.298	57.3	63.5	2.8	0.249
44980.0	46440.0	0.340 7.18	231.8 7.39	-12.6 14.56	1.59 TWO	1.314 5.843	98.0 9.2	0.704 0.5	3.244 125.5	340.7	556.6	0.961	5.528	-0.37	0.299	58.2	63.7	2.4	0.244
44990.0	46440.0	0.311 6.61	227.2 7.36	-8.2 13.96	2.14 TWO	1.313 5.843	93.8 9.2	0.699 0.5	3.247 125.3	350.9	556.6	0.979	5.516	-1.01	0.300	58.8	63.9	1.7	0.241
45000.0	46440.0	0.305 6.50	222.0 7.35	-0.4 13.85	3.46 TWO	1.312 5.843	89.6 9.2	0.697 0.5	3.247 125.1	1.0	196.6	0.985D	5.509	-2.42	0.300	59.1	64.1	0.2	0.240
45010.0	46440.0	0.364 7.67	222.5 7.40	22.9 15.08	9.70 TWO	1.311 5.843	85.5 9.2	0.698 0.5	3.244 124.2	11.0	196.5	0.979D	5.508	-8.74	0.299	59.0	64.7	-6.3	0.246
45020.0	46440.0	0.407 8.59	183.8 7.48	-44.6 16.07	-11.35 ONE	1.309 5.843	81.3 9.2	0.703 0.5	3.237 123.4	21.2	196.4	0.961D	5.513	12.23	0.298	58.6	64.6	15.1	0.253
45030.0	46440.0	0.390 8.21	197.4 7.43	-20.5 15.63	-3.67 ONE	1.307 5.843	77.2 9.2	0.711 0.5	3.227 124.8	31.0	196.2	0.932D	5.522	4.46	0.296	57.9	64.1	7.3	0.248
45040.0	46440.0	0.440 9.32	199.5 7.47	-15.1 16.79	-2.23 ONE	1.305 5.843	73.1 9.2	0.722 0.5	3.214 124.9	40.7	196.0	0.893D	5.535	2.94	0.294	56.9	64.1	5.6	0.253
45050.0	46440.0	0.500 10.74	201.9 7.54	-13.5 18.28	-1.64 ONE	1.302 5.843	68.9 9.2	0.736 0.5	3.197 124.9	50.4	195.7	0.843D	5.551	2.26	0.292	55.6	64.2	4.9	0.260
45060.0	46440.0	0.566 12.35	205.0 7.63	-13.3 19.98	-1.33 ONE	1.299 5.843	64.7 9.2	0.753 0.5	3.178 124.9	59.9	195.3	0.785D	5.570	1.86	0.288	54.1	64.3	4.4	0.268
45070.0	46440.0	0.636 14.12	208.9 7.74	-14.0 21.85	-1.15 ONE	1.296 5.843	60.5 9.2	0.772 0.5	3.156 124.7	69.2	194.8	0.720D	5.591	1.58	0.284	52.2	64.4	4.0	0.278
									ARRIVAL DATE = 2446460.0										
44940.0	46460.0	0.597 13.11	231.6 7.77	-16.8 20.88	0.98 TWO	1.311 5.965	116.4 11.0	0.764 0.6	3.221 127.4	297.9	556.4	0.759	5.682	0.69	0.296	51.1	63.6	3.3	0.281
44950.0	46460.0	0.521 11.25	234.4 7.64	-17.0 18.89	1.03 TWO	1.312 5.965	111.8 11.0	0.745 0.6	3.232 127.1	308.4	556.7	0.825	5.639	0.50	0.298	53.3	63.8	3.2	0.270
44960.0	46460.0	0.453 9.63	236.0 7.55	-16.6 17.18	1.13 TWO	1.313 5.965	107.2 11.0	0.728 0.6	3.242 126.9	318.8	556.9	0.881	5.603	0.29	0.300	55.1	64.1	3.0	0.260
44970.0	46460.0	0.394 8.30	235.9 7.47	-15.4 15.77	1.29 TWO	1.314 5.965	102.8 11.0	0.715 0.6	3.250 126.6	329.1	557.0	0.925	5.576	0.0	0.301	56.5	64.3	2.8	0.253
44980.0	46460.0	0.346 7.30	233.7 7.42	-13.2 14.72	1.57 TWO	1.314 5.965	98.5 11.0	0.706 0.6	3.256 126.4	339.4	557.1	0.957	5.555	-0.35	0.302	57.5	64.6	2.4	0.248
44990.0	46460.0	0.314 6.67	229.2 7.39	-9.2 14.06	2.07 TWO	1.314 5.965	94.3 11.0	0.700 0.6	3.259 126.2	349.6	557.1	0.977	5.542	-0.95	0.302	58.1	64.8	1.8	0.244
45000.0	46460.0	0.305 6.49	223.9 7.38	-2.2 13.87	3.21 TWO	1.313 5.965	90.1 11.0	0.698 0.6	3.260 126.0	359.7	557.1	0.985	5.534	-2.18	0.302	58.4	64.9	0.5	0.243
45010.0	46460.0	0.342 7.21	222.1 7.41	15.7 14.62	7.57 TWO	1.311 5.965	86.0 11.0	0.699 0.6	3.257 125.5	9.7	197.0	0.981D	5.533	-6.63	0.302	58.3	65.3	-4.1	0.246
45020.0	46460.0	0.497 10.67	165.0 7.66	-57.3 18.33	-18.51 ONE	1.310 5.965	81.8 11.0	0.703 0.6	3.251 122.2	19.9	196.9	0.964D	5.537	19.37	0.301	58.0	66.5	21.0	0.271
45030.0	46460.0	0.386 8.13	197.9 7.45	-23.1 15.59	-4.28 ONE	1.308 5.965	77.7 11.0	0.711 0.6	3.241 125.6	29.7	196.7	0.937D	5.545	5.06	0.299	57.3	65.0	7.9	0.251
45040.0	46460.0	0.433 9.17	200.4 7.50	-16.3 16.66	-2.46 ONE	1.305 5.965	73.6 11.0	0.722 0.6	3.228 125.8	39.4	196.5	0.899D	5.558	3.15	0.297	56.4	65.0	5.8	0.255
45050.0	46460.0	0.492 10.54	202.7 7.56	-14.2 18.11	-1.77 ONE	1.302 5.965	69.4 11.0	0.735 0.6	3.212 125.8	49.1	196.2	0.851D	5.574	2.37	0.295	55.1	65.1	5.0	0.262
45060.0	46460.0	0.557 12.13	205.8 7.65	-13.9 19.78	-1.41 ONE	1.299 5.965	65.3 11.0	0.751 0.6	3.194 125.7	58.6	195.8	0.794D	5.593	1.92	0.292	53.6	65.2	4.5	0.270
45070.0	46460.0	0.626 13.88	209.6 7.76	-14.4 21.63	-1.21 ONE	1.296 5.965	61.1 11.0	0.770 0.6	3.172 125.6	67.9	195.3	0.730D	5.615	1.62	0.288	51.8	65.3	4.1	0.280
									ARRIVAL DATE = 2446480.0										
44940.0	46480.0	0.609 13.42	232.5 7.82	-17.0 21.25	1.00 TWO	1.311 6.006	117.1 12.7	0.769 0.7	3.232 128.1	296.4	556.7	0.748	5.717	0.68	0.299	50.1	64.6	3.3	0.286
44950.0	46480.0	0.532 11.52	235.5 7.69	-17.2 19.21	1.05 TWO	1.313 6.006	112.4 12.7	0.748 0.7	3.244 127.9	307.0	557.0	0.817	5.671	0.50	0.301	52.4	64.8	3.2	0.274

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
44960.0	46480.0	0.463 9.86	237.4 7.59	-16.9 17.45	1.14 TWO	1.314 6.006	107.8 12.7	0.731 0.7	3.254 127.7	317.4	557.3	0.874	5.634	0.28	0.302	54.2	65.0	3.0	0.264
44970.0	46480.0	0.402 8.48	237.5 7.51	-15.9 15.99	1.29 TWO	1.314 6.006	103.4 12.7	0.718 0.7	3.262 127.5	327.7	557.4	0.920	5.605	0.0	0.303	55.7	65.2	2.8	0.257
44980.0	46480.0	0.352 7.42	235.5 7.46	-13.8 14.88	1.55 TWO	1.314 6.006	99.1 12.7	0.708 0.7	3.268 127.3	338.0	557.5	0.954	5.583	-0.34	0.304	56.7	65.5	2.4	0.251
44990.0	46480.0	0.318 6.74	231.3 7.42	-10.1 14.16	2.01 TWO	1.314 6.006	94.9 12.7	0.702 0.7	3.272 127.1	348.2	557.6	0.975	5.568	-0.90	0.305	57.4	65.6	1.9	0.248
45000.0	46480.0	0.305 6.49	225.8 7.41	-3.7 13.90	3.06 TWO	1.313 6.006	90.7 12.7	0.699 0.7	3.273 127.0	358.4	557.6	0.985	5.560	-1.98	0.305	57.7	65.8	0.7	0.246
45010.0	46480.0	0.329 6.96	222.7 7.42	10.6 14.38	6.27 TWO	1.312 6.006	86.5 12.7	0.700 0.7	3.270 126.6	8.4	197.5	0.982D	5.558	-5.34	0.305	57.7	66.1	-2.7	0.248
45030.0	46480.0	0.384 8.09	198.1 7.48	-26.3 15.58	-5.09 ONE	1.308 6.006	78.3 12.7	0.711 0.7	3.255 126.4	28.4	197.2	0.941D	5.569	5.85	0.302	56.8	66.0	8.6	0.254
45040.0	46480.0	0.426 9.02	201.3 7.52	-17.7 16.54	-2.73 ONE	1.306 6.006	74.1 12.7	0.721 0.7	3.243 126.6	38.1	197.0	0.905D	5.582	3.40	0.300	55.9	65.9	6.1	0.257
45050.0	46480.0	0.484 10.36	203.6 7.58	-15.1 17.94	-1.91 ONE	1.303 6.006	70.0 12.7	0.734 0.7	3.228 126.6	47.8	196.6	0.858D	5.598	2.49	0.298	54.7	66.0	5.1	0.264
45060.0	46480.0	0.549 11.91	206.6 7.67	-14.5 19.58	-1.50 ONE	1.300 6.006	65.8 12.7	0.750 0.7	3.210 126.6	57.2	196.2	0.803D	5.617	1.99	0.295	53.2	66.1	4.5	0.272
45070.0	46480.0	0.617 13.64	210.4 7.77	-14.9 21.41	-1.27 ONE	1.297 6.006	61.6 12.7	0.768 0.7	3.189 126.4	66.6	195.7	0.740D	5.638	1.66	0.292	51.4	66.3	4.2	0.281
ARRIVAL DATE = 2446500.0																			
44940.0	46500.0	0.621 13.74	233.5 7.88	-17.3 21.62	1.02 TWO	1.312 5.963	117.9 14.5	0.773 0.8	3.245 128.8	294.9	556.9	0.737	5.752	0.68	0.301	49.2	65.7	3.3	0.291
44950.0	46500.0	0.544 11.80	236.7 7.74	-17.5 19.54	1.07 TWO	1.313 5.963	113.1 14.5	0.752 0.8	3.256 128.7	305.5	557.4	0.807	5.705	0.49	0.303	51.5	65.8	3.2	0.279
44960.0	46500.0	0.473 10.09	238.7 7.63	-17.2 17.73	1.15 TWO	1.314 5.963	108.5 14.5	0.735 0.8	3.266 128.5	316.0	557.6	0.867	5.666	0.28	0.305	53.4	66.0	3.1	0.269
44970.0	46500.0	0.410 8.67	239.0 7.55	-16.3 16.22	1.29 TWO	1.315 5.963	104.0 14.5	0.721 0.8	3.274 128.3	326.3	557.8	0.914	5.635	0.0	0.306	54.9	66.2	2.8	0.261
44980.0	46500.0	0.359 7.56	237.3 7.49	-14.4 15.05	1.53 TWO	1.315 5.963	99.7 14.5	0.710 0.8	3.281 128.1	336.7	558.0	0.950	5.611	-0.33	0.307	56.0	66.4	2.5	0.255
44990.0	46500.0	0.322 6.82	233.3 7.45	-11.0 14.27	1.96 TWO	1.315 5.963	95.4 14.5	0.704 0.8	3.284 128.0	346.9	558.0	0.973	5.596	-0.85	0.308	56.7	66.6	1.9	0.251
45000.0	46500.0	0.306 6.51	227.9 7.44	-5.1 13.94	2.83 TWO	1.314 5.963	91.2 14.5	0.700 0.8	3.285 127.8	357.0	558.0	0.985	5.586	-1.82	0.308	57.0	66.7	0.9	0.249
45010.0	46500.0	0.322 6.81	223.8 7.45	6.8 14.25	5.39 TWO	1.312 5.963	87.1 14.5	0.700 0.8	3.283 127.5	7.1	198.0	0.984D	5.583	-4.47	0.307	57.1	66.9	-1.8	0.250
45030.0	46500.0	0.385 8.11	197.7 7.52	-30.4 15.63	-6.21 ONE	1.309 5.963	78.8 14.5	0.711 0.8	3.270 127.1	27.1	197.7	0.946D	5.594	6.95	0.305	56.2	67.0	9.7	0.257
45040.0	46500.0	0.420 8.88	202.2 7.54	-19.2 16.42	-3.05 ONE	1.306 5.963	74.7 14.5	0.721 0.8	3.258 127.5	36.8	197.4	0.910D	5.606	3.70	0.303	55.4	66.9	6.4	0.260
45050.0	46500.0	0.476 10.17	204.6 7.60	-16.0 17.77	-2.07 ONE	1.304 5.963	70.6 14.5	0.733 0.8	3.243 127.5	46.4	197.1	0.865D	5.622	2.63	0.301	54.2	67.0	5.2	0.266
45060.0	46500.0	0.540 11.70	207.5 7.69	-15.1 19.39	-1.60 ONE	1.301 5.963	66.4 14.5	0.749 0.8	3.226 127.4	55.9	196.7	0.811D	5.641	2.06	0.298	52.8	67.1	4.6	0.274
45070.0	46500.0	0.608 13.40	211.2 7.79	-15.3 21.19	-1.34 ONE	1.298 5.963	62.2 14.5	0.766 0.8	3.206 127.2	65.2	196.2	0.749D	5.662	1.70	0.295	51.1	67.3	4.2	0.283
ARRIVAL DATE = 2446520.0																			
44940.0	46520.0	0.634 14.07	234.5 7.94	-17.5 22.01	1.04 TWO	1.312 5.841	118.6 16.3	0.777 0.9	3.257 129.5	293.4	557.2	0.726	5.788	0.68	0.304	48.3	66.8	3.3	0.296
44950.0	46520.0	0.555 12.08	237.8 7.79	-17.8 19.88	1.08 TWO	1.314 5.841	113.8 16.3	0.756 0.9	3.268 129.4	304.0	557.7	0.798	5.739	0.49	0.306	50.7	66.9	3.2	0.283
44960.0	46520.0	0.483 10.34	239.9 7.68	-17.5 18.02	1.16 TWO	1.315 5.841	109.1 16.3	0.738 0.9	3.278 129.3	314.5	558.0	0.859	5.698	0.27	0.307	52.6	67.0	3.1	0.273
44970.0	46520.0	0.419 8.86	240.6 7.59	-16.7 16.46	1.29 TWO	1.315 5.841	104.6 16.3	0.724 0.9	3.287 129.1	324.9	558.2	0.908	5.665	0.0	0.308	54.1	67.2	2.8	0.265
44980.0	46520.0	0.366 7.71	239.1 7.53	-14.9 15.23	1.52 TWO	1.315 5.841	100.3 16.3	0.713 0.9	3.293 129.0	335.3	558.4	0.946	5.641	-0.32	0.309	55.2	67.4	2.5	0.259
44990.0	46520.0	0.327 6.91	235.4 7.49	-11.8 14.40	1.91 TWO	1.315 5.841	96.0 16.3	0.705 0.9	3.297 128.8	345.5	558.4	0.971	5.623	-0.81	0.310	56.0	67.5	2.0	0.254
45000.0	46520.0	0.307 6.53	229.9 7.47	-6.4 14.00	2.68 TWO	1.314 5.841	91.8 16.3	0.702 0.9	3.299 128.7	355.7	558.5	0.984	5.613	-1.68	0.310	56.4	67.7	1.1	0.252

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 COAST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45010.0	46520.0	0.316 6.71	225.2 7.47	3.8 14.18	4.75 TWO	1.313 5.841	87.6 16.3	0.701 0.9	3.297 128.4	5.8	198.4	0.9850	5.609	-3.84	0.310	56.5	67.8	-1.1	0.253
45020.0	46520.0	0.553 12.02	233.9 7.80	49.4 19.83	22.61 TWO	1.311 5.841	83.6 16.3	0.704 0.9	3.292 123.7	15.6	198.3	0.9740	5.611	-21.80	0.309	56.3	70.6	-16.7	0.284
45030.0	46520.0	0.392 8.25	196.3 7.56	-35.9 15.81	-7.83 ONE	1.309 5.841	79.3 16.3	0.711 0.9	3.284 127.6	25.8	198.1	0.9500	5.619	8.56	0.308	55.7	68.0	11.2	0.261
45040.0	46520.0	0.414 8.75	203.0 7.57	-21.0 16.31	-3.43 ONE	1.307 5.841	75.2 16.3	0.720 0.9	3.273 128.2	35.5	197.9	0.9160	5.630	4.06	0.306	54.9	67.9	6.7	0.262
45050.0	46520.0	0.469 9.99	205.5 7.63	-16.9 17.61	-2.24 ONE	1.306 5.841	71.1 16.3	0.732 0.9	3.259 128.2	45.1	197.6	0.8720	5.646	2.78	0.304	53.8	68.0	5.4	0.268
45060.0	46520.0	0.531 11.49	208.4 7.71	-15.8 19.19	-1.71 ONE	1.301 5.841	67.0 16.3	0.747 0.9	3.242 128.1	54.6	197.1	0.8190	5.665	2.15	0.302	52.4	68.1	4.7	0.275
45070.0	46520.0	0.598 13.16	212.0 7.81	-15.8 20.97	-1.41 ONE	1.298 5.841	62.8 16.3	0.765 0.9	3.222 127.9	63.9	196.6	0.7590	5.686	1.75	0.298	50.7	68.3	4.3	0.284

ARRIVAL DATE = 2446540.0

44960.0	46540.0	0.647 14.42	235.5 8.00	-17.7 22.41	1.07 TWO	1.312 5.648	119.3 18.1	0.782 1.0	3.269 130.1	291.8	557.4	0.714	5.825	0.68	0.306	47.4	68.0	3.4	0.301
44950.0	46540.0	0.567 12.38	238.9 7.84	-18.0 20.23	1.10 TWO	1.314 5.648	114.5 18.1	0.760 1.0	3.281 130.1	302.5	558.0	0.788	5.773	0.48	0.308	49.8	68.0	3.2	0.288
44960.0	46540.0	0.494 10.59	241.2 7.73	-17.8 18.32	1.17 TWO	1.315 5.648	109.8 18.1	0.741 1.0	3.291 130.0	313.1	558.3	0.851	5.731	0.27	0.310	51.8	68.1	3.1	0.277
44970.0	46540.0	0.429 9.07	242.1 7.63	-17.1 16.70	1.30 TWO	1.316 5.648	105.3 18.1	0.727 1.0	3.299 129.9	323.5	558.6	0.902	5.696	0.0	0.311	53.4	68.2	2.9	0.269
44980.0	46540.0	0.373 7.86	240.9 7.57	-15.4 15.43	1.51 TWO	1.316 5.648	100.9 18.1	0.715 1.0	3.306 129.7	333.9	558.8	0.942	5.670	-0.31	0.312	54.5	68.4	2.6	0.262
44990.0	46540.0	0.332 7.01	237.4 7.52	-12.5 14.53	1.87 TWO	1.315 5.648	96.6 18.1	0.707 1.0	3.310 129.6	344.1	558.9	0.969	5.652	-0.77	0.313	55.3	68.5	2.1	0.258
45000.0	46540.0	0.309 6.57	232.1 7.50	-7.6 14.07	2.56 TWO	1.315 5.648	92.3 18.1	0.703 1.0	3.312 129.5	354.3	558.9	0.983	5.640	-1.57	0.313	55.8	68.6	1.3	0.255
45010.0	46540.0	0.313 6.64	226.9 7.50	1.3 14.14	4.27 TWO	1.313 5.648	88.2 18.1	0.702 1.0	3.311 129.3	4.4	198.8	0.9850	5.636	-3.37	0.313	55.9	68.8	-0.6	0.255
45020.0	46540.0	0.423 8.94	229.4 7.62	32.0 16.56	13.93 TWO	1.312 5.648	84.1 18.1	0.705 1.0	3.306 127.3	14.3	198.7	0.9760	5.637	-13.13	0.312	55.7	69.9	-9.8	0.268
45030.0	46540.0	0.410 8.66	192.4 7.62	-43.5 16.28	-10.45 ONE	1.310 5.648	79.9 18.1	0.711 1.0	3.299 127.8	24.5	198.6	0.9540	5.644	11.15	0.311	55.2	69.3	13.5	0.267
45040.0	46540.0	0.409 8.63	203.8 7.59	-23.0 16.22	-3.90 ONE	1.307 5.648	75.8 18.1	0.720 1.0	3.288 129.0	34.2	198.3	0.9220	5.655	4.51	0.309	54.5	68.9	7.2	0.265
45050.0	46540.0	0.461 9.81	206.4 7.65	-18.0 17.46	-2.44 ONE	1.305 5.648	71.7 18.1	0.731 1.0	3.275 129.0	43.8	198.0	0.8790	5.670	2.96	0.307	53.4	69.0	5.6	0.270
45060.0	46540.0	0.522 11.28	209.2 7.73	-16.4 19.00	-1.82 ONE	1.302 5.648	67.6 18.1	0.746 1.0	3.258 128.9	53.2	197.6	0.8280	5.689	2.24	0.305	52.0	69.2	4.8	0.277
45070.0	46540.0	0.589 12.92	212.8 7.82	-16.3 20.75	-1.49 ONE	1.299 5.648	63.4 18.1	0.763 1.0	3.239 128.7	62.5	197.1	0.7680	5.710	1.80	0.302	50.4	69.4	4.3	0.286

ARRIVAL DATE = 2446560.0

44950.0	46560.0	0.580 12.69	240.0 7.90	-18.3 20.59	1.11 TWO	1.314 5.398	115.2 19.9	0.764 1.0	3.293 130.7	301.0	558.2	0.778	5.809	0.48	0.311	49.0	69.2	3.3	0.293
44960.0	46560.0	0.505 10.85	242.5 7.77	-18.1 18.63	1.18 TWO	1.315 5.398	110.5 19.9	0.745 1.0	3.303 130.7	311.6	558.6	0.842	5.764	0.26	0.312	51.0	69.2	3.1	0.281
44970.0	46560.0	0.438 9.29	243.5 7.68	-17.4 16.96	1.30 TWO	1.316 5.398	105.9 19.9	0.730 1.0	3.312 130.6	322.1	558.9	0.896	5.728	0.0	0.313	52.6	69.3	2.9	0.273
44980.0	46560.0	0.381 8.03	242.7 7.61	-15.9 15.63	1.49 TWO	1.316 5.398	101.5 19.9	0.718 1.0	3.319 130.5	332.5	559.1	0.937	5.701	-0.30	0.314	53.8	69.4	2.6	0.266
44990.0	46560.0	0.337 7.12	239.5 7.56	-13.3 14.67	1.82 TWO	1.316 5.398	97.1 19.9	0.709 1.0	3.323 130.4	342.7	559.3	0.966	5.681	-0.74	0.315	54.7	69.6	2.1	0.261
45000.0	46560.0	0.312 6.61	234.3 7.53	-8.7 14.14	2.45 TWO	1.315 5.398	92.9 19.9	0.705 1.0	3.325 130.2	353.0	559.3	0.982	5.668	-1.47	0.315	55.2	69.7	1.4	0.259
45010.0	46560.0	0.311 6.60	228.8 7.53	-0.8 14.13	3.89 TWO	1.314 5.398	88.7 19.9	0.703 1.0	3.324 130.1	3.1	199.3	0.9860	5.663	-3.01	0.315	55.4	69.8	-0.1	0.258
45020.0	46560.0	0.375 7.90	228.2 7.59	21.6 15.49	10.14 TWO	1.312 5.398	84.6 19.9	0.705 1.0	3.320 129.0	13.0	199.2	0.9780	5.663	-9.35	0.315	55.2	70.4	-6.2	0.264
45030.0	46560.0	0.462 9.85	181.3 7.73	-54.0 17.58	-15.29 ONE	1.310 5.398	80.4 19.9	0.711 1.0	3.314 127.2	23.1	199.0	0.9580	5.669	15.97	0.314	54.8	70.9	17.6	0.278
45040.0	46560.0	0.405 8.54	204.4 7.62	-25.4 16.16	-4.48 ONE	1.308 5.398	76.3 19.9	0.719 1.0	3.304 129.7	32.8	198.8	0.9270	5.680	5.07	0.312	54.0	70.0	7.7	0.267

1981
EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45050.0	46560.0	0.453	207.4	-19.1	-2.67	1.305	72.2	0.731	3.291	42.4	198.4	0.886D	5.695	3.17	0.310	53.0	70.1	5.8	0.272
		9.64	7.67	17.31	ONE	5.398	19.9	1.0	129.7										
45060.0	46560.0	0.514	210.2	-17.2	-1.95	1.302	68.1	0.745	3.275	51.9	198.0	0.836D	5.713	2.34	0.308	51.7	70.2	4.9	0.279
		11.07	7.74	18.81	ONE	5.398	19.9	1.0	129.6										
45070.0	46560.0	0.580	213.6	-16.9	-1.57	1.300	64.0	0.761	3.256	61.2	197.5	0.778D	5.735	1.86	0.305	50.1	70.4	4.4	0.288
		12.69	7.84	20.53	ONE	5.398	19.9	1.0	129.4										
45080.0	46560.0	0.649	217.8	-17.3	-1.35	1.297	59.8	0.780	3.235	70.3	196.9	0.713D	5.758	1.53	0.302	48.3	70.7	4.1	0.298
		14.45	7.96	22.41	ONE	5.398	19.9	1.0	129.1										
ARRIVAL DATE = 2446580.0																			
44950.0	46580.0	0.592	241.1	-18.5	1.13	1.315	115.9	0.768	3.306	299.4	558.5	0.767	5.845	0.48	0.313	48.1	70.3	3.3	0.297
		13.01	7.95	20.96	TWO	5.107	21.7	1.1	131.4										
44960.0	46580.0	0.516	243.7	-18.4	1.19	1.316	111.1	0.749	3.316	310.1	558.9	0.834	5.798	0.26	0.315	50.2	70.4	3.1	0.286
		11.13	7.82	18.95	TWO	5.107	21.7	1.1	131.3										
44970.0	46580.0	0.448	245.0	-17.8	1.30	1.317	106.5	0.733	3.325	320.6	559.3	0.889	5.761	0.0	0.316	51.9	70.4	2.9	0.277
		9.51	7.72	17.23	TWO	5.107	21.7	1.1	131.3										
44980.0	46580.0	0.389	244.4	-16.4	1.48	1.317	102.1	0.720	3.332	331.0	559.5	0.932	5.731	-0.29	0.317	53.2	70.5	2.6	0.270
		8.20	7.64	15.84	TWO	5.107	21.7	1.1	131.2										
44990.0	46580.0	0.343	241.5	-13.9	1.79	1.316	97.7	0.712	3.336	341.3	559.6	0.963	5.710	-0.71	0.317	54.1	70.6	2.2	0.265
		7.24	7.59	14.83	TWO	5.107	21.7	1.1	131.1										
45000.0	46580.0	0.314	236.5	-9.8	2.35	1.316	93.5	0.706	3.339	351.6	559.7	0.981	5.697	-1.38	0.318	54.6	70.7	1.5	0.262
		6.67	7.56	14.23	TWO	5.107	21.7	1.1	131.0										
45010.0	46580.0	0.309	230.8	-2.7	3.58	1.314	89.3	0.704	3.338	1.7	199.7	0.987D	5.690	-2.72	0.318	54.8	70.9	0.2	0.261
		6.57	7.55	14.13	TWO	5.107	21.7	1.1	130.8										
45020.0	46580.0	0.351	228.4	14.6	8.02	1.313	85.2	0.706	3.335	11.6	199.6	0.980D	5.689	-7.26	0.317	54.7	71.3	-4.2	0.265
		7.41	7.59	15.00	TWO	5.107	21.7	1.1	130.2										
45030.0	46580.0	0.635	143.7	-63.3	-27.00	1.311	80.9	0.711	3.328	21.9	199.4	0.961D	5.695	27.67	0.316	54.3	74.4	25.6	0.310
		14.09	8.11	22.20	ONE	5.107	21.7	1.1	123.7										
45040.0	46580.0	0.402	204.7	-28.4	-5.23	1.308	76.9	0.719	3.319	31.4	199.2	0.932D	5.705	5.81	0.315	53.6	71.1	8.4	0.270
		8.47	7.65	16.12	ONE	5.107	21.7	1.1	130.3										
45050.0	46580.0	0.446	208.3	-20.4	-2.94	1.306	72.8	0.730	3.306	41.0	198.9	0.893D	5.720	3.41	0.313	52.6	71.2	6.0	0.274
		9.47	7.69	17.16	ONE	5.107	21.7	1.1	130.4										
45060.0	46580.0	0.505	211.1	-18.0	-2.09	1.303	68.7	0.744	3.291	50.5	198.5	0.844D	5.738	2.46	0.311	51.4	71.3	5.0	0.281
		10.86	7.76	18.63	ONE	5.107	21.7	1.1	130.3										
45070.0	46580.0	0.570	214.5	-17.4	-1.66	1.300	64.6	0.760	3.273	59.8	197.9	0.787D	5.759	1.93	0.308	49.9	71.5	4.5	0.289
		12.46	7.86	20.31	ONE	5.107	21.7	1.1	130.1										
45080.0	46580.0	0.639	218.6	-17.8	-1.41	1.297	60.4	0.778	3.253	69.0	197.3	0.723D	5.783	1.57	0.305	48.1	71.9	4.1	0.299
		14.20	7.97	22.17	ONE	5.107	21.7	1.1	129.8										
ARRIVAL DATE = 2446600.0																			
44950.0	46600.0	0.605	242.2	-18.7	1.14	1.315	116.6	0.772	3.319	297.8	558.7	0.756	5.882	0.47	0.315	47.3	71.6	3.3	0.302
		13.34	8.01	21.34	TWO	4.798	23.5	1.2	131.9										
44960.0	46600.0	0.528	245.0	-18.7	1.20	1.316	111.8	0.752	3.329	308.5	559.2	0.824	5.833	0.26	0.317	49.5	71.6	3.1	0.290
		11.41	7.87	19.28	TWO	4.798	23.5	1.2	131.9										
44970.0	46600.0	0.458	246.5	-18.1	1.30	1.317	107.2	0.736	3.338	319.1	559.6	0.882	5.794	0.0	0.318	51.2	71.6	2.9	0.281
		9.75	7.76	17.51	TWO	4.798	23.5	1.2	131.9										
44980.0	46600.0	0.398	246.2	-16.8	1.47	1.317	102.7	0.723	3.345	329.6	559.8	0.927	5.763	-0.28	0.319	52.5	71.7	2.6	0.273
		8.38	7.68	16.07	TWO	4.798	23.5	1.2	131.9										
44990.0	46600.0	0.349	243.6	-14.6	1.75	1.317	98.4	0.714	3.350	339.9	560.0	0.959	5.740	-0.68	0.320	53.4	71.7	2.3	0.268
		7.36	7.63	14.99	TWO	4.798	23.5	1.2	131.8										
45000.0	46600.0	0.318	238.7	-10.8	2.26	1.316	94.1	0.708	3.352	350.1	560.1	0.979	5.725	-1.30	0.320	54.0	71.8	1.6	0.265
		6.74	7.59	14.33	TWO	4.798	23.5	1.2	131.7										
45010.0	46600.0	0.309	232.9	-4.3	3.33	1.315	89.9	0.706	3.352	0.3	200.1	0.987D	5.718	-2.48	0.320	54.3	71.9	0.5	0.264
		6.56	7.58	14.15	TWO	4.798	23.5	1.2	131.6										
45020.0	46600.0	0.338	229.3	9.6	6.68	1.313	85.8	0.707	3.349	10.3	200.0	0.982D	5.716	-5.93	0.320	54.2	72.2	-2.9	0.266
		7.13	7.61	14.74	TWO	4.798	23.5	1.2	131.1										
45040.0	46600.0	0.401	204.7	-32.1	-6.24	1.309	77.5	0.719	3.334	30.1	199.6	0.938D	5.731	6.79	0.318	53.2	72.3	9.3	0.273
		8.46	7.68	16.14	ONE	4.798	23.5	1.2	130.8										
45050.0	46600.0	0.439	209.2	-21.9	-3.25	1.306	73.4	0.729	3.322	39.7	199.3	0.900D	5.745	3.70	0.316	52.3	72.3	6.3	0.276
		9.32	7.71	17.03	ONE	4.798	23.5	1.2	131.1										
45060.0	46600.0	0.497	212.0	-18.8	-2.24	1.304	69.3	0.742	3.308	49.1	198.9	0.852D	5.763	2.59	0.314	51.1	72.4	5.2	0.282
		10.66	7.78	18.44	ONE	4.798	23.5	1.2	131.0										
45070.0	46600.0	0.561	215.4	-18.0	-1.75	1.301	65.2	0.758	3.290	58.4	198.3	0.796D	5.784	2.00	0.311	49.6	72.7	4.6	0.291
		12.23	7.88	20.10	ONE	4.798	23.5	1.2	130.8										
45080.0	46600.0	0.629	219.4	-18.2	-1.48	1.298	61.0	0.776	3.270	67.6	197.7	0.733D	5.808	1.61	0.308	47.9	73.0	4.2	0.300
		13.95	7.99	21.93	ONE	4.798	23.5	1.2	130.5										

1983
EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2445760.0											
45320.0	45760.0	0.640	233.9	-28.0	-4.16	1.415	114.0	0.976	33.853	311.4	495.2	0.819	66.886A	5.43	0.592	155.9	112.5	5.0	0.594
		14.21	12.60	26.82	TWO	5.645	311.4	-2.3	19.1										
45330.0	45760.0	0.590	240.6	-14.9	2.52	1.424	110.5	0.994	150.462	319.0	492.6	0.863	300.062A	-1.22	0.611	155.9	113.7	2.3	0.607
		12.96	12.86	25.82	ONE	5.645	311.4	-2.3	17.7										
45340.0	45760.0	0.544	242.1	-18.5	0.98	1.431	106.7	1.013	-67.708	326.8	490.2	0.902	NA	0.34	0.628	155.9	114.8	2.9	0.620
		11.80	13.12	24.92	ONE	5.645	311.4	-2.3	16.6										
45350.0	45760.0	0.502	242.5	-19.3	0.62	1.438	102.7	1.032	-29.178	334.9	488.2	0.937	NA	0.72	0.644	156.0	115.7	3.1	0.632
		10.78	13.35	24.13	ONE	5.645	311.4	-2.3	15.7										
45360.0	45760.0	0.467	240.9	-19.3	0.46	1.443	98.5	1.050	-19.436	343.4	486.5	0.964	NA	0.90	0.657	156.0	116.4	3.1	0.643
		9.95	13.56	23.51	ONE	5.645	311.4	-2.3	15.0										
45370.0	45760.0	0.443	237.1	-18.7	0.38	1.447	93.9	1.065	-15.163	352.3	485.3	0.981	NA	1.02	0.668	156.1	116.9	3.2	0.652
		9.40	13.75	23.15	ONE	5.645	311.4	-2.3	14.5										
45380.0	45760.0	0.438	231.4	-17.6	0.33	1.450	89.1	1.077	-12.900	1.7	124.5	0.9870	NA	1.10	0.677	156.3	117.3	3.2	0.660
		9.28	13.91	23.19	ONE	5.645	311.4	-2.3	14.1										
45390.0	45760.0	0.455	224.9	-16.0	0.30	1.452	83.9	1.084	-11.620	11.6	124.4	0.9790	NA	1.16	0.683	156.6	117.3	3.2	0.667
		9.68	14.06	23.74	ONE	5.645	311.4	-2.3	14.0										
45400.0	45760.0	0.498	219.2	-14.5	0.29	1.452	78.4	1.087	-10.909	22.2	124.9	0.9540	NA	1.21	0.687	157.0	117.2	3.2	0.673
		10.68	14.19	24.88	ONE	5.645	311.4	-2.3	14.2										
45410.0	45760.0	0.564	215.2	-13.3	0.28	1.451	72.6	1.086	-10.561	33.4	126.1	0.9090	NA	1.26	0.689	157.7	116.8	3.2	0.680
		12.31	14.32	26.63	ONE	5.645	311.4	-2.3	14.6										
								ARRIVAL DATE = 2445780.0											
45320.0	45780.0	0.610	233.9	-24.8	-2.55	1.400	113.1	0.940	13.715	312.2	497.7	0.828	26.603A	3.82	0.555	154.2	112.7	4.5	0.555
		13.46	11.88	25.35	TWO	5.341	313.0	-2.2	20.4										
45330.0	45780.0	0.565	240.1	-13.6	2.94	1.407	109.6	0.954	18.837	319.9	495.2	0.871	36.804A	-1.64	0.572	154.3	113.9	2.1	0.568
		12.32	12.11	24.43	ONE	5.341	313.0	-2.2	19.1										
45340.0	45780.0	0.517	241.1	-18.3	0.94	1.414	105.8	0.968	28.800	327.8	492.9	0.909	56.691A	0.37	0.588	154.3	115.0	2.9	0.579
		11.15	12.33	23.48	ONE	5.341	313.0	-2.2	18.0										
45350.0	45780.0	0.476	241.1	-19.1	0.57	1.420	101.8	0.983	54.929	336.1	491.0	0.942	108.917A	0.77	0.602	154.4	115.9	3.1	0.590
		10.15	12.53	22.69	ONE	5.341	313.0	-2.2	17.1										
45360.0	45780.0	0.441	239.1	-19.0	0.42	1.424	97.6	0.996	256.267	344.7	489.4	0.967	511.566A	0.94	0.614	154.5	116.6	3.2	0.599
		9.36	12.71	22.07	ONE	5.341	313.0	-2.2	16.4										
45370.0	45780.0	0.420	234.8	-18.3	0.34	1.427	93.1	1.008	*******	353.7	488.3	0.983	NA	1.04	0.623	154.6	117.1	3.2	0.607
		8.88	12.86	21.74	ONE	5.341	313.0	-2.2	15.9										
45380.0	45780.0	0.417	228.8	-17.0	0.29	1.429	88.4	1.017	-59.171	3.2	127.7	0.9870	NA	1.12	0.631	154.8	117.4	3.2	0.614
		8.81	13.00	21.81	ONE	5.341	313.0	-2.2	15.6										
45390.0	45780.0	0.438	222.3	-15.4	0.27	1.430	83.3	1.023	-43.322	13.3	127.6	0.9760	NA	1.17	0.635	155.1	117.4	3.2	0.620
		9.27	13.11	22.39	ONE	5.341	313.0	-2.2	15.6										
45400.0	45780.0	0.483	216.7	-13.8	0.25	1.429	77.9	1.025	-37.734	23.9	128.2	0.9490	NA	1.22	0.638	155.6	117.2	3.2	0.625
		10.32	13.22	23.54	ONE	5.341	313.0	-2.2	15.8										
45410.0	45780.0	0.550	213.0	-12.7	0.24	1.428	72.2	1.025	-36.449	35.2	129.5	0.9030	NA	1.26	0.639	156.2	116.8	3.3	0.631
		11.95	13.33	25.27	ONE	5.341	313.0	-2.2	16.3										
45420.0	45780.0	0.636	211.2	-12.1	0.24	1.425	66.1	1.022	-37.871	47.2	131.6	0.8360	NA	1.31	0.638	157.2	116.0	3.3	0.637
		14.12	13.45	27.56	ONE	5.341	313.0	-2.2	17.0										
								ARRIVAL DATE = 2445800.0											
45310.0	45800.0	0.633	229.9	-19.8	-0.69	1.379	115.7	0.899	7.793	305.4	502.6	0.789	14.798A	1.95	0.503	152.4	111.3	3.8	0.508
		14.05	11.04	25.08	TWO	5.019	314.6	-2.2	23.4										
45320.0	45800.0	0.586	233.7	-23.0	-1.67	1.386	112.3	0.908	9.095	313.0	500.1	0.835	17.356A	2.94	0.521	152.5	112.7	4.2	0.520
		12.86	11.26	24.11	TWO	5.019	314.6	-2.2	22.0										
45330.0	45800.0	0.544	240.0	-11.1	3.80	1.393	108.7	0.919	10.792	320.8	497.7	0.877	20.707A	-2.50	0.537	152.6	114.0	1.6	0.532
		11.80	11.46	23.26	ONE	5.019	314.6	-2.2	20.7										
45340.0	45800.0	0.494	240.0	-18.1	0.89	1.399	105.0	0.930	13.021	328.8	495.5	0.915	25.128A	0.42	0.552	152.7	115.1	3.0	0.542
		10.58	11.64	22.23	ONE	5.019	314.6	-2.2	19.5										
45350.0	45800.0	0.453	239.7	-18.9	0.52	1.404	101.1	0.941	15.947	337.2	493.7	0.946	30.947A	0.82	0.564	152.8	116.0	3.1	0.551
		9.62	11.81	21.44	ONE	5.019	314.6	-2.2	18.6										
45360.0	45800.0	0.420	237.3	-18.8	0.37	1.407	96.9	0.951	19.716	345.9	492.3	0.970	38.462A	0.98	0.575	152.9	116.7	3.2	0.560
		8.87	11.96	20.84	ONE	5.019	314.6	-2.2	17.9										
45370.0	45800.0	0.400	232.6	-17.9	0.30	1.410	92.4	0.960	24.326	355.0	491.2	0.984	47.669A	1.07	0.583	153.0	117.2	3.2	0.566
		8.44	12.09	20.54	ONE	5.019	314.6	-2.2	17.5										
45380.0	45800.0	0.400	226.3	-16.5	0.25	1.411	87.7	0.966	29.350	4.7	130.7	0.9860	57.714A	1.14	0.589	153.2	117.5	3.3	0.572
		8.44	12.20	20.64	ONE	5.019	314.6	-2.2	17.2										
45390.0	45800.0	0.423	219.8	-14.7	0.23	1.411	82.7	0.971	33.672	14.8	130.8	0.9740	66.371A	1.19	0.593	153.6	117.5	3.3	0.577
		8.95	12.30	21.25	ONE	5.019	314.6	-2.2	17.2										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45400.0	45800.0	0.470	214.5	-13.1	0.21	1.410	77.4	0.974	35.812	25.5	131.5	0.9440	70.679A	1.23	0.594	154.0	117.2	3.3	0.582
		10.03	12.38	22.41	ONE	5.019	314.6	-2.2	17.4										
45410.0	45800.0	0.538	211.1	-12.1	0.21	1.408	71.8	0.974	35.074	36.9	132.8	0.8970	69.251A	1.27	0.594	154.7	116.7	3.3	0.586
		11.67	12.47	24.13	ONE	5.019	314.6	-2.2	18.0										
45420.0	45800.0	0.624	209.6	-11.7	0.21	1.405	65.9	0.974	32.238	48.9	134.9	0.8290	63.648A	1.30	0.592	155.7	115.8	3.3	0.592
		13.81	12.57	26.37	ONE	5.019	314.6	-2.2	18.8										
ARRIVAL DATE = 2445820.0																			
45310.0	45820.0	0.614	229.6	-19.4	-0.52	1.368	115.0	0.874	6.332	306.0	504.9	0.796	11.867A	1.79	0.473	150.5	111.2	3.7	0.477
		13.55	10.52	24.07	TWO	4.712	316.3	-2.1	25.1										
45320.0	45820.0	0.566	233.3	-21.8	-1.11	1.375	111.6	0.881	7.057	313.7	502.4	0.842	13.273A	2.39	0.490	150.7	112.7	4.0	0.489
		12.35	10.71	23.05	TWO	4.712	316.3	-2.1	23.6										
45330.0	45820.0	0.535	241.2	-4.2	6.57	1.381	108.0	0.888	7.904	321.6	500.1	0.883	14.924A	-5.28	0.505	150.8	113.9	0.2	0.500
		11.58	10.90	22.47	ONE	4.712	316.3	-2.1	22.5										
45340.0	45820.0	0.473	239.0	-18.0	0.84	1.386	104.3	0.896	8.871	329.7	498.1	0.920	16.821A	0.48	0.519	150.9	115.2	3.0	0.508
		10.10	11.04	21.15	ONE	4.712	316.3	-2.1	21.1										
45350.0	45820.0	0.433	238.4	-18.8	0.45	1.390	100.3	0.904	9.937	338.2	496.4	0.950	18.924A	0.87	0.530	151.0	116.1	3.2	0.517
		9.17	11.19	20.36	ONE	4.712	316.3	-2.1	20.2										
45360.0	45820.0	0.401	235.6	-18.6	0.32	1.393	96.2	0.912	11.048	347.0	495.0	0.973	21.123A	1.02	0.540	151.2	116.8	3.2	0.524
		8.46	11.31	19.78	ONE	4.712	316.3	-2.1	19.5										
45370.0	45820.0	0.384	230.5	-17.6	0.25	1.395	91.8	0.919	12.101	356.3	494.1	0.985	23.217A	1.11	0.547	151.3	117.2	3.3	0.530
		8.08	11.42	19.51	ONE	4.712	316.3	-2.1	19.0										
45380.0	45820.0	0.386	223.9	-15.9	0.21	1.396	87.1	0.924	12.959	6.0	133.7	0.9850	24.932A	1.16	0.552	151.6	117.5	3.3	0.535
		8.13	11.51	19.65	ONE	4.712	316.3	-2.1	18.8										
45390.0	45820.0	0.412	217.5	-14.1	0.19	1.395	82.2	0.928	13.479	16.2	133.8	0.9710	25.987A	1.21	0.555	151.9	117.4	3.3	0.539
		8.69	11.59	20.28	ONE	4.712	316.3	-2.1	18.8										
45400.0	45820.0	0.460	212.4	-12.5	0.18	1.394	77.0	0.931	13.577	27.0	134.6	0.9400	26.215A	1.24	0.555	152.4	117.1	3.3	0.543
		9.80	11.66	21.46	ONE	4.712	316.3	-2.1	19.2										
45410.0	45820.0	0.529	209.4	-11.6	0.17	1.391	71.5	0.933	13.271	38.4	136.0	0.8910	25.652A	1.27	0.554	153.1	116.5	3.3	0.547
		11.44	11.73	23.17	ONE	4.712	316.3	-2.1	19.8										
45420.0	45820.0	0.614	208.3	-11.2	0.17	1.388	65.7	0.935	12.673	50.5	138.1	0.8220	24.524A	1.30	0.550	154.1	115.6	3.3	0.551
		13.56	11.81	25.36	ONE	4.712	316.3	-2.1	20.7										
ARRIVAL DATE = 2445840.0																			
45300.0	45840.0	0.646	224.6	-17.4	-0.26	1.352	117.8	0.850	5.033	299.0	509.6	0.753	9.314A	1.52	0.428	148.2	109.3	3.7	0.439
		14.39	9.89	24.28	TWO	4.452	317.9	-2.1	28.6										
45310.0	45840.0	0.597	229.2	-19.0	-0.38	1.359	114.4	0.853	5.451	306.6	507.1	0.802	10.100A	1.65	0.446	148.5	111.1	3.7	0.450
		13.13	10.06	23.19	TWO	4.452	317.9	-2.1	26.8										
45320.0	45840.0	0.548	233.0	-20.9	-0.73	1.365	111.0	0.857	5.917	314.3	504.7	0.847	10.986A	2.02	0.462	148.7	112.7	3.9	0.460
		11.91	10.23	22.13	TWO	4.452	317.9	-2.1	25.3										
45340.0	45840.0	0.456	238.1	-17.9	0.76	1.375	103.6	0.867	6.967	330.6	500.6	0.924	13.009A	0.55	0.489	149.1	115.2	3.1	0.477
		9.69	10.51	20.20	ONE	4.452	317.9	-2.1	22.8										
45350.0	45840.0	0.416	237.1	-18.7	0.38	1.378	99.7	0.873	7.514	339.2	499.0	0.954	14.075A	0.94	0.499	149.2	116.1	3.3	0.485
		8.78	10.64	19.42	ONE	4.452	317.9	-2.1	21.8										
45360.0	45840.0	0.385	233.9	-18.4	0.26	1.381	95.6	0.879	8.032	348.1	497.7	0.975	15.090A	1.07	0.508	149.4	116.8	3.3	0.491
		8.12	10.75	18.86	ONE	4.452	317.9	-2.1	21.2										
45370.0	45840.0	0.370	228.5	-17.2	0.20	1.382	91.2	0.884	8.474	357.4	496.9	0.985	15.962A	1.14	0.514	149.6	117.2	3.3	0.496
		7.79	10.84	18.62	ONE	4.452	317.9	-2.1	20.7										
45380.0	45840.0	0.374	221.8	-15.5	0.17	1.383	86.6	0.888	8.789	7.2	136.6	0.9840	16.594A	1.19	0.518	149.8	117.4	3.3	0.501
		7.89	10.91	18.80	ONE	4.452	317.9	-2.1	20.5										
45390.0	45840.0	0.402	215.4	-13.6	0.15	1.382	81.7	0.892	8.938	17.5	136.8	0.9680	16.908A	1.22	0.520	150.2	117.4	3.4	0.504
		8.49	10.97	19.46	ONE	4.452	317.9	-2.1	20.6										
45400.0	45840.0	0.452	210.6	-12.0	0.14	1.380	76.6	0.895	8.907	28.4	137.6	0.9360	16.878A	1.25	0.520	150.7	117.0	3.4	0.507
		9.62	11.03	20.65	ONE	4.452	317.9	-2.1	20.9										
45410.0	45840.0	0.522	207.9	-11.1	0.13	1.377	71.2	0.898	8.712	39.8	139.1	0.8860	16.539A	1.28	0.517	151.4	116.3	3.4	0.511
		11.25	11.09	22.34	ONE	4.452	317.9	-2.1	21.6										
45420.0	45840.0	0.606	207.1	-10.9	0.13	1.373	65.5	0.903	8.398	51.8	141.1	0.8170	15.980A	1.30	0.513	152.3	115.4	3.4	0.515
		13.35	11.16	24.50	ONE	4.452	317.9	-2.1	22.6										
ARRIVAL DATE = 2445860.0																			
45300.0	45860.0	0.633	224.4	-17.2	-0.18	1.344	117.3	0.834	4.562	299.4	511.7	0.758	8.366A	1.45	0.404	146.1	109.0	3.7	0.414
		14.03	9.52	23.55	TWO	4.273	319.6	-2.0	30.6										
45310.0	45860.0	0.582	229.0	-18.7	-0.25	1.351	113.9	0.834	4.866	307.1	509.2	0.807	8.925A	1.53	0.421	146.4	110.9	3.7	0.424
		12.76	9.66	22.42	TWO	4.273	319.6	-2.0	28.7										
45320.0	45860.0	0.533	232.7	-20.1	-0.45	1.356	110.4	0.836	5.193	314.9	506.9	0.853	9.533A	1.75	0.436	146.7	112.5	3.8	0.433
		11.53	9.80	21.33	TWO	4.273	319.6	-2.0	27.1										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45330.0	45860.0	0.488	233.8	-27.5	-2.98	1.361	106.8	0.839	5.535	323.0	504.8	0.893	10.176A	4.28	0.450	146.9	113.9	5.2	0.442
		10.46	9.94	20.40	TWO	4.273	319.6	-2.0	25.8										
45340.0	45860.0	0.440	237.1	-18.0	0.65	1.365	103.1	0.842	5.881	331.4	503.0	0.928	10.833A	0.66	0.461	147.1	115.1	3.1	0.449
		9.33	10.05	19.38	ONE	4.273	319.6	-2.0	24.5										
45350.0	45860.0	0.401	235.9	-18.7	0.30	1.368	99.1	0.846	6.213	340.1	501.5	0.957	11.470A	1.02	0.471	147.3	116.0	3.3	0.455
		8.45	10.16	18.61	ONE	4.273	319.6	-2.0	23.6										
45360.0	45860.0	0.372	232.3	-18.2	0.20	1.370	95.0	0.850	6.510	349.1	500.3	0.976	12.043A	1.13	0.479	147.5	116.7	3.4	0.461
		7.83	10.25	18.07	ONE	4.273	319.6	-2.0	22.9										
45370.0	45860.0	0.358	226.6	-16.9	0.15	1.371	90.7	0.854	6.745	358.5	499.6	0.986	12.504A	1.18	0.484	147.7	117.1	3.4	0.466
		7.54	10.32	17.86	ONE	4.273	319.6	-2.0	22.4										
45380.0	45860.0	0.365	219.8	-15.0	0.13	1.371	86.1	0.857	6.896	8.4	139.4	0.9830	12.809A	1.22	0.488	148.0	117.3	3.4	0.469
		7.68	10.39	18.07	ONE	4.273	319.6	-2.0	22.3										
45390.0	45860.0	0.395	213.5	-13.1	0.11	1.370	81.3	0.861	6.947	18.7	139.6	0.9650	12.928A	1.25	0.489	148.3	117.2	3.4	0.473
		8.32	10.44	18.76	ONE	4.273	319.6	-2.0	22.4										
45400.0	45860.0	0.446	209.1	-11.6	0.10	1.368	76.3	0.865	6.894	29.6	140.5	0.9320	12.857A	1.27	0.488	148.8	116.8	3.4	0.475
		9.47	10.48	19.95	ONE	4.273	319.6	-2.0	22.8										
45410.0	45860.0	0.515	206.7	-10.8	0.10	1.365	71.0	0.870	6.751	41.1	142.0	0.8810	12.621A	1.28	0.484	149.5	116.1	3.4	0.478
		11.10	10.53	21.63	ONE	4.273	319.6	-2.0	23.5										
45420.0	45860.0	0.599	206.1	-10.6	0.09	1.361	65.4	0.876	6.539	53.0	144.0	0.8120	12.267A	1.30	0.479	150.5	115.0	3.4	0.482
		13.17	10.59	23.76	ONE	4.273	319.6	-2.0	24.5										

ARRIVAL DATE = 2445880.0

45300.0	45880.0	0.621	224.2	-17.0	-0.10	1.338	116.9	0.819	4.220	299.7	513.6	0.763	7.678A	1.39	0.383	143.8	108.6	3.7	0.392
		13.73	9.18	22.91	TWO	4.201	321.2	-1.9	32.6										
45310.0	45880.0	0.570	228.7	-18.4	-0.14	1.344	113.4	0.818	4.453	307.5	511.3	0.812	8.093A	1.43	0.398	144.2	110.6	3.7	0.400
		12.44	9.31	21.75	TWO	4.201	321.2	-1.9	30.7										
45320.0	45880.0	0.520	232.4	-19.6	-0.24	1.349	109.9	0.817	4.695	315.5	509.1	0.857	8.534A	1.54	0.413	144.6	112.3	3.7	0.409
		11.20	9.43	20.63	TWO	4.201	321.2	-1.9	29.0										
45330.0	45880.0	0.472	236.4	-22.1	-0.94	1.353	104.3	0.818	4.942	323.6	507.1	0.897	8.987A	2.24	0.425	144.9	113.7	4.1	0.416
		10.06	9.54	19.61	TWO	4.201	321.2	-1.9	27.5										
45340.0	45880.0	0.427	236.2	-18.3	0.49	1.357	102.5	0.820	5.184	332.1	505.4	0.932	9.435A	0.82	0.436	145.1	114.9	3.3	0.423
		9.03	9.64	18.67	ONE	4.201	321.2	-1.9	26.3										
45350.0	45880.0	0.388	234.7	-18.8	0.20	1.360	98.6	0.823	5.407	340.9	503.9	0.959	9.854A	1.12	0.445	145.3	115.9	3.4	0.429
		8.17	9.74	17.91	ONE	4.201	321.2	-1.9	25.4										
45360.0	45880.0	0.360	230.9	-18.1	0.13	1.361	94.5	0.825	5.597	350.0	502.9	0.978	10.217A	1.19	0.452	145.5	116.6	3.4	0.434
		7.58	9.81	17.39	ONE	4.201	321.2	-1.9	24.7										
45370.0	45880.0	0.348	224.9	-16.6	0.09	1.362	90.2	0.828	5.740	359.5	502.2	0.986	10.494A	1.23	0.457	145.8	117.0	3.5	0.438
		7.33	9.88	17.21	ONE	4.201	321.2	-1.9	24.2										
45380.0	45880.0	0.357	218.0	-14.6	0.08	1.361	85.7	0.831	5.822	9.4	142.0	0.9820	10.662A	1.25	0.460	146.0	117.1	3.5	0.441
		7.52	9.93	17.44	ONE	4.201	321.2	-1.9	24.1										
45390.0	45880.0	0.388	211.9	-12.7	0.07	1.360	81.0	0.835	5.836	19.8	142.4	0.9630	10.709A	1.27	0.460	146.4	117.0	3.5	0.444
		8.18	9.97	18.15	ONE	4.201	321.2	-1.9	24.2										
45400.0	45880.0	0.441	207.7	-11.2	0.06	1.358	76.0	0.839	5.782	30.8	143.3	0.9280	10.635A	1.28	0.459	146.9	116.5	3.5	0.446
		9.34	10.01	19.35	ONE	4.201	321.2	-1.9	24.7										
45410.0	45880.0	0.510	205.6	-10.4	0.06	1.354	70.8	0.845	5.668	42.2	144.7	0.8770	10.458A	1.29	0.455	147.6	115.7	3.5	0.449
		10.97	10.05	21.02	ONE	4.201	321.2	-1.9	25.5										
45420.0	45880.0	0.592	205.3	-10.4	0.06	1.350	65.3	0.853	5.508	54.1	146.7	0.8080	10.208A	1.30	0.449	148.5	114.6	3.5	0.452
		13.01	10.10	23.11	ONE	4.201	321.2	-1.9	26.6										

ARRIVAL DATE = 2445900.0

45300.0	45900.0	0.610	224.1	-16.9	-0.03	1.332	116.5	0.807	3.962	330.0	515.6	0.766	7.158A	1.33	0.363	141.5	108.1	3.7	0.371
		13.47	8.89	22.36	TWO	4.246	322.9	-1.9	34.8										
45310.0	45900.0	0.559	228.5	-18.1	-0.04	1.337	113.0	0.803	4.147	307.8	513.3	0.816	7.478A	1.35	0.378	142.0	110.1	3.7	0.379
		12.16	9.00	21.16	TWO	4.246	322.9	-1.9	32.7										
45320.0	45900.0	0.508	232.1	-19.1	-0.07	1.342	109.5	0.801	4.336	315.9	511.2	0.861	7.811A	1.38	0.391	142.4	111.9	3.7	0.386
		10.93	9.10	20.03	TWO	4.246	322.9	-1.9	31.0										
45330.0	45900.0	0.459	234.4	-20.0	-0.22	1.346	105.9	0.801	4.523	324.2	509.3	0.901	8.145A	1.52	0.403	142.7	113.4	3.8	0.393
		9.78	9.20	18.98	TWO	4.246	322.9	-1.9	29.5										
45340.0	45900.0	0.415	235.3	-18.9	0.22	1.350	102.1	0.801	4.701	332.7	507.7	0.935	8.468A	1.09	0.414	143.0	114.7	3.5	0.399
		8.76	9.29	18.05	ONE	4.246	322.9	-1.9	28.2										
45350.0	45900.0	0.377	233.6	-19.0	0.07	1.352	98.2	0.802	4.862	341.6	506.3	0.961	8.762A	1.23	0.422	143.2	115.6	3.5	0.404
		7.94	9.36	17.30	ONE	4.246	322.9	-1.9	27.2										
45360.0	45900.0	0.350	229.5	-18.1	0.04	1.353	94.1	0.804	4.994	350.8	505.3	0.979	9.009A	1.26	0.428	143.5	116.3	3.5	0.409
		7.37	9.43	16.80	ONE	4.246	322.9	-1.9	26.5										
45370.0	45900.0	0.339	223.3	-16.4	0.03	1.354	89.9	0.806	5.087	0.3	144.7	0.9860	9.189A	1.28	0.433	143.7	116.8	3.5	0.412
		7.16	9.48	16.65	ONE	4.246	322.9	-1.9	26.1										

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DEPART	ARRIVE	SPEED	R A	DECL	I 1	V L	PSI L	ECCEN	SMA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
		DV1	DV2	DVT	LEG	CDIST	RAS	DECLS	LAMDA										
45380.0	45900.0	0.350	216.4	-14.3	0.03	1.353	85.4	0.809	5.135	10.3	144.6	0.980D	9.290A	1.29	0.435	144.0	116.9	3.5	0.415
		7.38	9.53	16.90	ONE	4.246	322.9	-1.9	26.0										
45390.0	45900.0	0.383	210.4	-12.3	0.02	1.351	80.7	0.813	5.133	20.8	145.0	0.961D	9.305A	1.29	0.435	144.4	116.7	3.5	0.417
		8.07	9.56	17.63	ONE	4.246	322.9	-1.9	26.2										
45400.0	45900.0	0.436	206.5	-10.9	0.02	1.349	75.8	0.818	5.081	31.7	145.9	0.925D	9.237A	1.30	0.432	144.9	116.2	3.5	0.420
		9.24	9.60	18.83	ONE	4.246	322.9	-1.9	26.7										
45410.0	45900.0	0.505	204.6	-10.2	0.02	1.345	70.6	0.825	4.986	43.1	147.3	0.873D	9.098A	1.30	0.428	145.5	115.3	3.5	0.422
		10.86	9.63	20.49	ONE	4.246	322.9	-1.9	27.6										
45420.0	45900.0	0.587	204.6	-10.2	0.02	1.341	65.2	0.834	4.857	55.0	149.2	0.804D	8.910A	1.30	0.422	146.5	114.1	3.5	0.425
		12.87	9.68	22.55	ONE	4.246	322.9	-1.9	28.7										
ARRIVAL DATE = 2445920.0																			
45300.0	45920.0	0.602	224.0	-16.7	0.03	1.327	116.2	0.796	3.763	300.2	517.4	0.769	6.756A	1.28	0.344	139.0	107.5	3.7	0.352
		13.25	8.64	21.88	TWO	4.399	324.5	-1.8	37.1										
45310.0	45920.0	0.549	228.4	-17.9	0.04	1.332	112.7	0.791	3.913	308.1	515.3	0.819	7.008A	1.27	0.359	139.6	109.6	3.7	0.359
		11.93	8.73	20.66	TWO	4.399	324.5	-1.8	34.9										
45320.0	45920.0	0.498	231.9	-18.7	0.06	1.337	109.1	0.787	4.065	316.3	513.2	0.864	7.266A	1.24	0.372	140.1	111.5	3.7	0.366
		10.69	8.81	19.50	TWO	4.399	324.5	-1.8	33.0										
45330.0	45920.0	0.449	234.2	-18.9	0.16	1.340	105.5	0.785	4.213	324.7	511.4	0.904	7.522A	1.15	0.383	140.5	113.0	3.6	0.372
		9.54	8.90	18.44	TWO	4.399	324.5	-1.8	31.5										
45340.0	45920.0	0.405	234.2	-20.4	-0.31	1.343	101.7	0.785	4.351	333.3	509.9	0.937	7.764A	1.61	0.393	140.8	114.3	3.9	0.377
		8.54	8.97	17.51	ONE	4.399	324.5	-1.8	30.2										
45350.0	45920.0	0.367	232.6	-19.3	-0.08	1.345	97.8	0.785	4.471	342.2	508.6	0.963	7.980A	1.38	0.401	141.1	115.3	3.7	0.382
		7.73	9.04	16.77	ONE	4.399	324.5	-1.8	29.2										
45360.0	45920.0	0.341	228.3	-18.1	-0.05	1.346	93.8	0.786	4.568	351.5	507.7	0.980	8.156A	1.35	0.407	141.3	116.0	3.6	0.386
		7.20	9.09	16.29	ONE	4.399	324.5	-1.8	28.5										
45370.0	45920.0	0.332	221.9	-16.3	-0.03	1.346	89.5	0.787	4.633	1.1	147.2	0.986D	8.280A	1.33	0.411	141.6	116.4	3.6	0.389
		7.02	9.14	16.16	ONE	4.399	324.5	-1.8	28.1										
45380.0	45920.0	0.344	215.0	-14.1	-0.03	1.346	85.1	0.790	4.662	11.1	147.1	0.979D	8.344A	1.32	0.412	141.9	116.5	3.6	0.391
		7.26	9.18	16.44	ONE	4.399	324.5	-1.8	28.0										
45390.0	45920.0	0.378	209.2	-12.0	-0.02	1.344	80.4	0.794	4.652	21.6	147.5	0.959D	8.344A	1.32	0.412	142.2	116.3	3.6	0.393
		7.97	9.21	17.18	ONE	4.399	324.5	-1.8	28.2										
45400.0	45920.0	0.432	205.4	-10.6	-0.02	1.341	75.6	0.800	4.603	32.6	148.4	0.923D	8.284A	1.31	0.409	142.7	115.7	3.6	0.395
		9.15	9.24	18.38	ONE	4.399	324.5	-1.8	28.8										
45410.0	45920.0	0.501	203.8	-10.0	-0.02	1.338	70.5	0.807	4.521	43.9	149.8	0.870D	8.172A	1.31	0.404	143.4	114.8	3.6	0.398
		10.75	9.27	20.02	ONE	4.399	324.5	-1.8	29.7										
45420.0	45920.0	0.582	204.0	-10.1	-0.02	1.333	65.2	0.818	4.413	55.7	151.6	0.802D	8.024A	1.31	0.397	144.3	113.6	3.6	0.401
		12.74	9.31	22.06	ONE	4.399	324.5	-1.8	31.0										
ARRIVAL DATE = 2445940.0																			
45300.0	45940.0	0.594	223.9	-16.6	0.09	1.323	115.9	0.786	3.605	300.3	519.2	0.772	6.438A	1.23	0.328	136.4	106.8	3.8	0.335
		13.06	8.41	21.47	TWO	4.635	326.2	-1.7	39.4										
45310.0	45940.0	0.541	228.3	-17.7	0.12	1.327	112.4	0.780	3.731	308.4	517.1	0.821	6.640A	1.20	0.342	137.1	109.0	3.7	0.341
		11.73	8.49	20.22	TWO	4.635	326.2	-1.7	37.2										
45320.0	45940.0	0.490	231.7	-18.3	0.18	1.332	108.8	0.775	3.856	316.6	515.2	0.867	6.845A	1.14	0.354	137.7	110.9	3.6	0.347
		10.48	8.56	19.05	TWO	4.635	326.2	-1.7	35.2										
45330.0	45940.0	0.441	233.9	-18.2	0.38	1.335	105.2	0.772	3.976	325.1	513.5	0.906	7.046A	0.92	0.365	138.1	112.6	3.5	0.352
		9.34	8.63	17.97	TWO	4.635	326.2	-1.7	33.6										
45340.0	45940.0	0.398	232.4	-25.2	-1.84	1.338	101.4	0.770	4.086	333.8	512.0	0.939	7.233A	3.14	0.374	138.5	113.9	5.0	0.357
		9.39	8.70	17.09	ONE	4.635	326.2	-1.7	32.4										
45350.0	45940.0	0.359	231.6	-19.8	-0.27	1.339	97.5	0.769	4.180	342.8	510.8	0.964	7.397A	1.57	0.382	138.8	114.9	3.9	0.361
		7.56	8.75	16.31	ONE	4.635	326.2	-1.7	31.3										
45360.0	45940.0	0.334	227.1	-18.3	-0.15	1.340	93.4	0.770	4.254	352.1	510.0	0.980	7.527A	1.44	0.387	139.1	115.6	3.8	0.364
		7.05	8.80	15.85	ONE	4.635	326.2	-1.7	30.6										
45370.0	45940.0	0.326	220.6	-16.2	-0.11	1.340	89.2	0.771	4.301	1.8	149.5	0.986D	7.616A	1.39	0.390	139.4	116.0	3.7	0.367
		6.90	8.84	15.73	ONE	4.635	326.2	-1.7	30.2										
45380.0	45940.0	0.339	213.7	-13.9	-0.08	1.339	84.8	0.773	4.318	11.8	149.4	0.978D	7.658A	1.37	0.392	139.7	116.1	3.7	0.370
		7.16	8.87	16.03	ONE	4.635	326.2	-1.7	30.1										
45390.0	45940.0	0.374	208.1	-11.8	-0.07	1.337	80.2	0.778	4.304	22.3	149.9	0.957D	7.651A	1.35	0.391	140.0	115.8	3.7	0.372
		7.89	8.90	16.78	ONE	4.635	326.2	-1.7	30.4										
45400.0	45940.0	0.428	204.6	-10.4	-0.06	1.335	75.4	0.784	4.259	33.3	150.8	0.921D	7.598A	1.33	0.387	140.5	115.2	3.7	0.373
		9.06	8.92	17.99	ONE	4.635	326.2	-1.7	31.0										
45410.0	45940.0	0.497	203.2	-9.9	-0.06	1.331	70.4	0.793	4.187	44.6	152.1	0.868D	7.506A	1.32	0.382	141.1	114.2	3.6	0.376
		10.66	8.95	19.61	ONE	4.635	326.2	-1.7	31.9										
45420.0	45940.0	0.577	203.6	-10.0	-0.06	1.327	65.2	0.805	4.094	56.3	153.8	0.800D	7.388A	1.31	0.375	141.9	112.9	3.6	0.379
		12.62	8.99	21.62	ONE	4.635	326.2	-1.7	33.3										

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
ARRIVAL DATE = 2445960.0																			
45300.0	45960.0	0.588	223.9	-16.4	0.14	1.319	115.7	0.778	3.478	300.4	521.0	0.773	6.182A	1.19	0.313	133.8	105.9	3.8	0.319
		12.91	8.22	21.13	TWO	4.923	327.8	-1.6	41.9										
45310.0	45960.0	0.534	228.2	-17.5	0.19	1.323	112.2	0.770	3.585	308.5	519.0	0.824	6.347A	1.14	0.326	134.5	108.3	3.7	0.325
		11.57	8.28	19.85	TWO	4.923	327.8	-1.6	39.6										
45320.0	45960.0	0.482	231.6	-18.0	0.27	1.327	108.6	0.765	3.691	316.8	517.1	0.869	6.513A	1.05	0.338	135.2	110.3	3.6	0.329
		10.31	8.34	18.65	TWO	4.923	327.8	-1.6	37.5										
45330.0	45960.0	0.433	233.8	-17.6	0.54	1.330	104.9	0.760	3.791	325.4	515.5	0.908	6.673A	0.77	0.349	135.7	112.0	3.4	0.334
		9.17	8.40	17.57	TWO	4.923	327.8	-1.6	35.8										
45350.0	45960.0	0.352	230.7	-20.6	-0.53	1.334	97.2	0.756	3.957	343.2	512.9	0.966	6.948A	1.82	0.364	136.5	114.4	4.1	0.342
		7.42	8.50	15.92	ONE	4.923	327.8	-1.6	33.5										
45360.0	45960.0	0.328	226.1	-18.5	-0.27	1.335	93.2	0.756	4.014	352.6	512.1	0.981	7.048A	1.55	0.369	136.8	115.2	3.9	0.345
		6.92	8.54	15.47	ONE	4.923	327.8	-1.6	32.7										
45370.0	45960.0	0.321	219.5	-16.2	-0.18	1.335	89.0	0.757	4.050	2.3	151.7	0.985D	7.114A	1.46	0.372	137.1	115.5	3.8	0.348
		6.79	8.57	15.37	ONE	4.923	327.8	-1.6	32.3										
45380.0	45960.0	0.335	212.7	-13.8	-0.14	1.334	84.6	0.759	4.060	12.4	151.7	0.978D	7.142A	1.41	0.373	137.3	115.6	3.8	0.350
		7.08	8.60	15.68	ONE	4.923	327.8	-1.6	32.3										
45390.0	45960.0	0.371	207.2	-11.7	-0.12	1.332	80.1	0.764	4.044	23.0	152.1	0.956D	7.132A	1.38	0.372	137.7	115.3	3.8	0.351
		7.81	8.62	16.44	ONE	4.923	327.8	-1.6	32.6										
45400.0	45960.0	0.425	203.9	-10.3	-0.11	1.329	75.3	0.770	4.002	33.9	153.0	0.919D	7.085A	1.35	0.368	138.1	114.6	3.7	0.353
		8.99	8.65	17.64	ONE	4.923	327.8	-1.6	33.2										
45410.0	45960.0	0.493	202.7	-9.8	-0.10	1.325	70.4	0.780	3.938	45.1	154.3	0.866D	7.009A	1.33	0.363	138.7	113.6	3.7	0.355
		10.57	8.68	19.25	ONE	4.923	327.8	-1.6	34.3										
45420.0	45960.0	0.572	203.2	-9.9	-0.10	1.321	65.2	0.793	3.855	56.7	156.0	0.798D	6.912A	1.32	0.355	139.5	112.2	3.7	0.358
		12.51	8.72	21.23	ONE	4.923	327.8	-1.6	35.6										
ARRIVAL DATE = 2445980.0																			
45300.0	45980.0	0.584	224.0	-16.3	0.20	1.315	115.6	0.770	3.374	300.4	522.6	0.775	5.974A	1.15	0.299	131.0	105.0	3.8	0.305
		12.79	8.04	20.83	TWO	5.229	329.5	-1.6	44.5										
45310.0	45980.0	0.529	228.2	-17.3	0.25	1.320	112.0	0.762	3.467	308.6	520.7	0.825	6.113A	1.09	0.312	131.9	107.5	3.7	0.309
		11.43	8.09	19.53	TWO	5.229	329.5	-1.6	42.1										
45320.0	45980.0	0.476	231.5	-17.8	0.35	1.323	108.3	0.755	3.558	317.0	519.0	0.870	6.246A	0.97	0.324	132.6	109.6	3.6	0.314
		10.17	8.14	18.32	TWO	5.229	329.5	-1.6	40.0										
45330.0	45980.0	0.427	233.6	-17.2	0.65	1.326	104.7	0.750	3.643	325.6	517.4	0.910	6.376A	0.66	0.334	133.2	111.3	3.4	0.318
		9.03	8.19	17.23	TWO	5.229	329.5	-1.6	38.2										
45340.0	45980.0	0.394	237.3	-3.7	4.78	1.329	100.9	0.747	3.718	334.5	516.1	0.942	6.494A	-3.48	0.342	133.6	112.6	0.2	0.322
		8.31	8.25	16.55	TWO	5.229	329.5	-1.6	36.9										
45350.0	45980.0	0.346	229.8	-21.8	-0.88	1.330	97.0	0.744	3.781	343.6	515.0	0.967	6.596A	2.17	0.349	134.0	113.8	4.5	0.325
		7.30	8.28	15.58	ONE	5.229	329.5	-1.6	35.7										
45360.0	45980.0	0.322	225.2	-18.9	-0.41	1.330	93.0	0.744	3.827	353.0	514.2	0.981	6.674A	1.69	0.353	134.4	114.6	4.1	0.327
		6.82	8.31	15.13	ONE	5.229	329.5	-1.6	35.0										
45370.0	45980.0	0.316	218.6	-16.4	-0.27	1.330	88.8	0.744	3.854	2.8	153.9	0.985D	6.724A	1.54	0.356	134.7	115.0	4.0	0.330
		6.70	8.34	15.05	ONE	5.229	329.5	-1.6	34.6										
45380.0	45980.0	0.332	211.8	-13.8	-0.21	1.329	84.5	0.747	3.860	12.9	153.9	0.977D	6.743A	1.46	0.356	135.0	115.0	3.9	0.331
		7.01	8.37	15.37	ONE	5.229	329.5	-1.6	34.6										
45390.0	45980.0	0.368	206.4	-11.6	-0.17	1.327	80.0	0.752	3.843	23.5	154.3	0.955D	6.731A	1.41	0.355	135.3	114.7	3.8	0.333
		7.75	8.39	16.13	ONE	5.229	329.5	-1.6	34.9										
45400.0	45980.0	0.422	203.3	-10.2	-0.15	1.324	75.3	0.759	3.804	34.3	155.1	0.918D	6.691A	1.38	0.351	135.7	113.9	3.8	0.335
		8.92	8.41	17.33	ONE	5.229	329.5	-1.6	35.6										
45410.0	45980.0	0.490	202.3	-9.7	-0.14	1.320	70.4	0.769	3.746	45.5	156.4	0.865D	6.627A	1.35	0.345	136.2	112.9	3.8	0.337
		10.49	8.44	18.93	ONE	5.229	329.5	-1.6	36.7										
45420.0	45980.0	0.568	202.9	-9.9	-0.13	1.316	65.3	0.783	3.672	57.0	157.9	0.798D	6.547A	1.32	0.337	136.9	111.4	3.8	0.340
		12.40	8.48	20.87	ONE	5.229	329.5	-1.6	38.1										
ARRIVAL DATE = 2446000.0																			
45300.0	46000.0	0.580	224.1	-16.3	0.25	1.313	115.5	0.764	3.289	300.3	524.3	0.775	5.804A	1.12	0.287	128.1	104.0	3.8	0.292
		12.69	7.90	20.59	TWO	5.521	331.2	-1.5	47.2										
45310.0	46000.0	0.524	228.2	-17.2	0.31	1.317	111.8	0.755	3.371	308.6	522.4	0.826	5.916A	1.04	0.300	129.1	106.5	3.8	0.296
		11.32	7.93	19.26	TWO	5.521	331.2	-1.5	44.7										
45320.0	46000.0	0.471	231.5	-17.6	0.42	1.320	108.2	0.747	3.450	317.1	520.8	0.872	6.028A	0.91	0.311	129.9	108.7	3.6	0.299
		10.05	7.97	18.03	TWO	5.521	331.2	-1.5	42.5										
45330.0	46000.0	0.422	233.5	-16.9	0.73	1.323	104.5	0.741	3.523	325.8	519.3	0.911	6.135A	0.58	0.321	130.6	110.6	3.3	0.303
		8.92	8.01	16.93	TWO	5.521	331.2	-1.5	40.6										
45340.0	46000.0	0.382	235.5	-9.1	2.99	1.325	100.7	0.737	3.588	334.7	518.0	0.943	6.232A	-1.69	0.328	131.1	112.0	1.5	0.306
		8.04	8.05	16.09	TWO	5.521	331.2	-1.5	39.2										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45350.0	46000.0	0.342	228.8	-23.7	-1.41	1.326	96.8	0.734	3.640	343.9	517.0	0.967	6.314A	2.69	0.334	131.5	113.1	5.0	0.309
		7.21	8.09	15.30	ONE	5.521	331.2	-1.5	38.1										
45360.0	46000.0	0.318	224.4	-19.4	-0.58	1.327	92.8	0.733	3.679	353.4	516.3	0.982	6.376A	1.85	0.339	131.9	113.9	4.3	0.311
		6.73	8.12	14.85	ONE	5.521	331.2	-1.5	37.3										
45370.0	46000.0	0.312	217.8	-16.5	-0.37	1.326	88.7	0.734	3.700	3.2	155.9	0.985D	6.414A	1.62	0.341	132.2	114.3	4.1	0.313
		6.63	8.14	14.77	ONE	5.521	331.2	-1.5	36.9										
45380.0	46000.0	0.328	211.0	-13.8	-0.28	1.325	84.3	0.736	3.702	13.3	155.9	0.976D	6.428A	1.52	0.341	132.5	114.3	4.0	0.315
		6.94	8.16	15.10	ONE	5.521	331.2	-1.5	36.9										
45390.0	46000.0	0.365	205.8	-11.6	-0.23	1.323	79.9	0.741	3.685	23.8	156.4	0.954D	6.416A	1.45	0.339	132.8	113.9	3.9	0.316
		7.69	8.18	15.87	ONE	5.521	331.2	-1.5	37.3										
45400.0	46000.0	0.419	202.8	-10.2	-0.20	1.320	75.2	0.749	3.649	34.7	157.2	0.917D	6.381A	1.40	0.335	133.1	113.2	3.9	0.318
		8.85	8.20	17.05	ONE	5.521	331.2	-1.5	38.0										
45410.0	46000.0	0.486	202.0	-9.7	-0.18	1.316	70.4	0.760	3.596	45.8	158.3	0.865D	6.327A	1.36	0.329	133.6	112.1	3.9	0.320
		10.41	8.23	18.63	ONE	5.521	331.2	-1.5	39.2										
45420.0	46000.0	0.564	202.7	-9.9	-0.17	1.312	65.4	0.774	3.529	57.3	159.8	0.798D	6.260A	1.33	0.321	134.3	110.6	3.8	0.324
		12.29	8.27	20.56	ONE	5.521	331.2	-1.5	40.6										
45430.0	46000.0	0.649	204.7	-10.6	-0.17	1.307	60.1	0.792	3.452	68.9	161.6	0.718D	6.186A	1.30	0.311	135.2	108.8	3.8	0.328
		14.45	8.32	22.77	ONE	5.521	331.2	-1.5	42.4										
ARRIVAL DATE = 2446020.0																			
45300.0	46020.0	0.577	224.2	-16.2	0.29	1.310	115.4	0.759	3.219	300.2	525.8	0.775	5.663A	1.08	0.277	125.2	102.8	3.9	0.281
		12.62	7.77	20.39	TWO	5.775	332.9	-1.4	50.0										
45310.0	46020.0	0.521	228.3	-17.1	0.36	1.314	111.7	0.749	3.292	308.6	524.1	0.827	5.757A	1.00	0.289	126.3	105.5	3.8	0.283
		11.24	7.79	19.03	TWO	5.775	332.9	-1.4	47.4										
45320.0	46020.0	0.467	231.5	-17.4	0.49	1.317	108.1	0.740	3.361	317.2	522.5	0.872	5.850A	0.85	0.299	127.2	107.8	3.6	0.286
		9.96	7.83	17.79	TWO	5.775	332.9	-1.4	45.1										
45330.0	46020.0	0.417	233.5	-16.7	0.80	1.320	104.3	0.734	3.425	325.9	521.0	0.912	5.938A	0.52	0.308	127.9	109.7	3.3	0.289
		8.82	7.86	16.68	TWO	5.775	332.9	-1.4	43.2										
45340.0	46020.0	0.376	234.8	-10.9	2.41	1.322	100.6	0.729	3.481	334.9	519.8	0.944	6.018A	-1.12	0.316	128.5	111.2	1.9	0.292
		7.91	7.89	15.80	TWO	5.775	332.9	-1.4	41.7										
45350.0	46020.0	0.339	227.5	-26.9	-2.27	1.323	96.7	0.726	3.526	344.1	518.9	0.968	6.085A	3.55	0.322	129.0	112.3	5.8	0.295
		7.16	7.92	15.08	ONE	5.775	332.9	-1.4	40.7										
45360.0	46020.0	0.314	223.7	-20.1	-0.78	1.323	92.7	0.724	3.558	353.6	518.2	0.982	6.135A	2.04	0.326	129.4	113.1	4.6	0.296
		6.66	7.94	14.60	ONE	5.775	332.9	-1.4	39.8										
45370.0	46020.0	0.309	217.1	-16.8	-0.48	1.323	88.5	0.724	3.575	3.5	157.9	0.985D	6.165A	1.72	0.328	129.7	113.5	4.3	0.298
		6.57	7.96	14.53	ONE	5.775	332.9	-1.4	39.4										
45380.0	46020.0	0.325	210.4	-13.9	-0.36	1.321	84.3	0.727	3.575	13.6	157.9	0.976D	6.175A	1.58	0.328	129.9	113.5	4.1	0.300
		6.88	7.98	14.86	ONE	5.775	332.9	-1.4	39.4										
45390.0	46020.0	0.362	205.3	-11.6	-0.29	1.319	79.8	0.732	3.558	24.1	158.3	0.953D	6.164A	1.49	0.326	130.2	113.1	4.1	0.301
		7.63	8.00	15.63	ONE	5.775	332.9	-1.4	39.8										
45400.0	46020.0	0.416	202.5	-10.2	-0.25	1.316	75.2	0.740	3.525	34.9	159.1	0.916D	6.133A	1.43	0.322	130.5	112.3	4.0	0.303
		8.79	8.02	16.81	ONE	5.775	332.9	-1.4	40.6										
45410.0	46020.0	0.483	201.7	-9.8	-0.23	1.313	70.4	0.751	3.476	46.0	160.2	0.864D	6.088A	1.38	0.315	131.0	111.2	3.9	0.305
		10.32	8.04	18.37	ONE	5.775	332.9	-1.4	41.7										
45420.0	46020.0	0.559	202.6	-10.0	-0.21	1.308	65.5	0.766	3.415	57.4	161.6	0.798D	6.031A	1.34	0.307	131.5	109.6	3.9	0.309
		12.18	8.08	20.27	ONE	5.775	332.9	-1.4	43.3										
45430.0	46020.0	0.643	204.7	-10.7	-0.21	1.304	60.3	0.785	3.344	68.8	163.2	0.719D	5.969A	1.30	0.297	132.4	107.8	3.8	0.313
		14.31	8.14	22.45	ONE	5.775	332.9	-1.4	45.1										
ARRIVAL DATE = 2446040.0																			
45300.0	46040.0	0.575	224.3	-16.1	0.33	1.308	115.4	0.755	3.160	300.0	527.3	0.775	5.546A	1.06	0.267	122.1	101.6	3.9	0.271
		12.58	7.65	20.23	TWO	5.969	334.6	-1.3	52.9										
45310.0	46040.0	0.518	228.4	-17.0	0.41	1.311	111.7	0.744	3.226	308.5	525.7	0.827	5.625A	0.96	0.279	123.4	104.4	3.8	0.272
		11.18	7.67	18.85	TWO	5.969	334.6	-1.3	50.2										
45320.0	46040.0	0.464	231.6	-17.3	0.54	1.315	108.0	0.735	3.288	317.1	524.1	0.873	5.703A	0.80	0.289	124.4	106.7	3.6	0.274
		9.89	7.70	17.59	TWO	5.969	334.6	-1.3	47.8										
45330.0	46040.0	0.414	233.5	-16.5	0.85	1.317	104.3	0.727	3.344	326.0	522.8	0.912	5.776A	0.47	0.298	125.2	108.7	3.3	0.277
		8.75	7.72	16.47	TWO	5.969	334.6	-1.3	45.9										
45340.0	46040.0	0.371	234.4	-11.8	2.13	1.319	100.5	0.722	3.394	335.0	521.6	0.945	5.842A	-0.83	0.305	125.8	110.3	2.1	0.279
		7.82	7.74	15.56	TWO	5.969	334.6	-1.3	44.3										
45350.0	46040.0	0.342	225.4	-33.1	-3.94	1.320	96.6	0.718	3.433	344.3	520.7	0.968	5.897A	5.22	0.310	126.4	111.4	7.5	0.282
		7.22	7.78	15.00	ONE	5.969	334.6	-1.3	43.4										
45360.0	46040.0	0.311	223.1	-21.1	-1.03	1.320	92.6	0.716	3.460	353.8	520.1	0.982	5.938A	2.29	0.314	126.8	112.3	4.9	0.283
		6.60	7.79	14.39	ONE	5.969	334.6	-1.3	42.4										
45370.0	46040.0	0.306	216.6	-17.3	-0.61	1.319	88.5	0.716	3.474	3.7	159.8	0.985D	5.963A	1.84	0.316	127.1	112.7	4.5	0.284
		6.51	7.81	14.32	ONE	5.969	334.6	-1.3	41.9										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 COAST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45380.0	46040.0	0.323	210.0	-14.1	-0.44	1.318	84.2	0.719	3.473	13.8	159.8	0.9760	5.970A	1.65	0.316	127.3	112.7	4.3	0.286
		6.83	7.82	14.65	ONE	5.969	334.6	-1.3	41.9										
45390.0	46040.0	0.360	205.0	-11.7	-0.35	1.316	79.8	0.724	3.456	24.3	160.2	0.9530	5.959A	1.54	0.314	127.6	112.2	4.2	0.287
		7.58	7.84	15.41	ONE	5.969	334.6	-1.3	42.4										
45400.0	46040.0	0.413	202.2	-10.3	-0.30	1.313	75.2	0.733	3.424	35.1	161.0	0.9160	5.933A	1.46	0.309	127.9	111.4	4.1	0.289
		8.73	7.86	16.58	ONE	5.969	334.6	-1.3	43.2										
45410.0	46040.0	0.479	201.6	-9.8	-0.27	1.309	70.5	0.744	3.379	46.1	162.0	0.8650	5.894A	1.40	0.303	128.2	110.2	4.0	0.292
		10.24	7.89	18.13	ONE	5.969	334.6	-1.3	44.4										
45420.0	46040.0	0.555	202.6	-10.0	-0.26	1.305	65.6	0.759	3.323	57.4	163.3	0.7990	5.846A	1.35	0.294	128.7	108.6	4.0	0.295
		12.07	7.93	20.00	ONE	5.969	334.6	-1.3	45.9										
45430.0	46040.0	0.638	204.8	-10.8	-0.25	1.301	60.5	0.779	3.258	68.7	164.8	0.7210	5.794A	1.31	0.284	129.4	106.7	3.9	0.300
		14.17	7.98	22.15	ONE	5.969	334.6	-1.3	47.8										

ARRIVAL DATE = 2446060.0

45300.0	46060.0	0.574	224.5	-16.1	0.38	1.306	115.4	0.751	3.112	299.8	528.8	0.774	5.449A	1.03	0.258	119.1	100.3	3.9	0.261
		12.56	7.56	20.11	TWO	6.090	336.2	-1.2	55.9										
45310.0	46060.0	0.517	228.6	-16.9	0.45	1.309	111.7	0.739	3.171	308.4	527.2	0.826	5.515A	0.92	0.270	120.4	103.2	3.8	0.262
		11.14	7.57	18.71	TWO	6.090	336.2	-1.2	53.1										
45320.0	46060.0	0.462	231.7	-17.2	0.59	1.312	108.0	0.729	3.226	317.0	525.7	0.873	5.580A	0.76	0.280	121.5	105.6	3.6	0.264
		9.84	7.58	17.42	TWO	6.090	336.2	-1.2	50.6										
45330.0	46060.0	0.411	233.6	-16.4	0.89	1.315	104.2	0.722	3.277	325.9	524.4	0.913	5.642A	0.43	0.288	122.4	107.6	3.3	0.265
		8.69	7.60	16.29	TWO	6.090	336.2	-1.2	48.6										
45340.0	46060.0	0.368	234.3	-12.3	1.96	1.316	100.4	0.715	3.321	335.0	523.3	0.945	5.697A	-0.66	0.295	123.1	109.2	2.3	0.267
		7.75	7.62	15.37	TWO	6.090	336.2	-1.2	47.0										
45350.0	46060.0	0.372	219.3	-48.9	-8.59	1.317	96.5	0.711	3.356	344.4	522.5	0.968	5.743A	9.86	0.300	123.7	110.1	11.8	0.275
		7.84	7.70	15.54	ONE	6.090	336.2	-1.2	47.0										
45360.0	46060.0	0.309	222.5	-22.4	-1.36	1.317	92.5	0.709	3.379	353.9	521.9	0.982	5.776A	2.60	0.304	124.1	111.3	5.3	0.271
		6.56	7.66	14.21	ONE	6.090	336.2	-1.2	46.0										
45370.0	46060.0	0.304	216.2	-17.8	-0.75	1.317	88.4	0.710	3.391	3.8	161.6	0.9850	5.796A	1.97	0.305	124.4	111.7	4.7	0.272
		6.46	7.67	14.13	ONE	6.090	336.2	-1.2	44.6										
45380.0	46060.0	0.320	209.6	-14.4	-0.53	1.315	84.2	0.712	3.388	14.0	161.6	0.9750	5.801A	1.72	0.305	124.7	111.7	4.4	0.273
		6.78	7.68	14.47	ONE	6.090	336.2	-1.2	44.6										
45390.0	46060.0	0.357	204.7	-11.9	-0.42	1.313	79.8	0.717	3.372	24.4	162.0	0.9530	5.792A	1.58	0.303	124.9	111.3	4.3	0.275
		7.52	7.70	15.22	ONE	6.090	336.2	-1.2	45.0										
45400.0	46060.0	0.410	202.1	-10.5	-0.36	1.310	75.3	0.726	3.343	35.2	162.7	0.9160	5.769A	1.49	0.298	125.1	110.4	4.2	0.277
		8.66	7.72	16.38	ONE	6.090	336.2	-1.2	45.9										
45410.0	46060.0	0.476	201.5	-9.9	-0.32	1.307	70.6	0.738	3.301	46.1	163.7	0.8650	5.736A	1.42	0.292	125.4	109.2	4.1	0.279
		10.16	7.75	17.91	ONE	6.090	336.2	-1.2	47.1										
45420.0	46060.0	0.551	202.6	-10.2	-0.30	1.303	65.8	0.753	3.248	57.3	164.9	0.8010	5.696A	1.36	0.283	125.8	107.6	4.0	0.283
		11.96	7.79	19.75	ONE	6.090	336.2	-1.2	48.7										
45430.0	46060.0	0.632	204.9	-10.9	-0.29	1.298	60.7	0.773	3.188	68.5	166.3	0.7240	5.652A	1.31	0.273	126.3	105.6	4.0	0.288
		14.03	7.85	21.87	ONE	6.090	336.2	-1.2	50.6										

ARRIVAL DATE = 2446080.0

45300.0	46080.0	0.574	224.8	-16.1	0.41	1.304	115.5	0.748	3.071	299.5	530.2	0.772	5.369A	1.00	0.251	115.9	99.0	3.9	0.254
		12.55	7.48	20.03	TWO	6.128	337.9	-1.2	59.0										
45310.0	46080.0	0.516	228.8	-16.9	0.49	1.308	111.7	0.736	3.124	308.1	528.7	0.825	5.424A	0.89	0.262	117.4	101.9	3.8	0.254
		11.12	7.48	18.60	TWO	6.128	337.9	-1.2	56.1										
45320.0	46080.0	0.461	231.9	-17.1	0.63	1.310	108.0	0.725	3.175	316.9	527.3	0.872	5.478A	0.72	0.272	118.6	104.4	3.6	0.254
		9.81	7.49	17.29	TWO	6.128	337.9	-1.2	53.6										
45330.0	46080.0	0.410	233.8	-16.3	0.93	1.313	104.2	0.717	3.221	325.8	526.0	0.913	5.530A	0.39	0.280	119.6	106.5	3.3	0.255
		8.65	7.50	16.15	TWO	6.128	337.9	-1.2	51.5										
45340.0	46080.0	0.366	234.3	-12.7	1.45	1.314	100.4	0.710	3.260	335.0	525.0	0.945	5.576A	-0.55	0.286	120.4	108.1	2.4	0.257
		7.70	7.51	15.21	TWO	6.128	337.9	-1.2	49.8										
45350.0	46080.0	0.307	221.9	-24.2	-1.78	1.315	92.5	0.703	3.312	354.0	523.6	0.982	5.642A	3.02	0.295	121.4	110.3	5.8	0.260
		6.53	7.54	14.07	ONE	6.128	337.9	-1.2	47.8										
45370.0	46080.0	0.301	215.9	-18.5	-0.92	1.314	88.4	0.703	3.322	3.8	163.3	0.9850	5.658A	2.12	0.296	121.8	110.7	4.9	0.261
		6.42	7.55	13.98	ONE	6.128	337.9	-1.2	47.3										
45380.0	46080.0	0.318	209.4	-14.8	-0.63	1.313	84.2	0.706	3.319	14.0	163.4	0.9750	5.662A	1.81	0.296	122.0	110.7	4.6	0.262
		6.74	7.56	14.30	ONE	6.128	337.9	-1.2	47.3										
45390.0	46080.0	0.355	204.6	-12.2	-0.49	1.311	79.9	0.712	3.303	24.4	163.7	0.9530	5.654A	1.64	0.293	122.2	110.2	4.4	0.263
		7.47	7.58	15.05	ONE	6.128	337.9	-1.2	47.8										
45400.0	46080.0	0.407	202.0	-10.6	-0.41	1.308	75.4	0.720	3.275	35.1	164.4	0.9160	5.634A	1.53	0.289	122.3	109.3	4.3	0.265
		8.60	7.60	16.20	ONE	6.128	337.9	-1.2	48.6										
45410.0	46080.0	0.472	201.6	-10.1	-0.37	1.304	70.7	0.732	3.236	46.0	165.3	0.8660	5.606A	1.44	0.282	122.5	108.1	4.2	0.268
		10.07	7.63	17.70	ONE	6.128	337.9	-1.2	49.9										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45420.0	46080.0	0.546	202.7	-10.3	-0.34	1.300	65.9	0.748	3.188	57.1	166.4	0.803D	5.572A	1.38	0.274	122.8	106.4	4.1	0.272
		11.85	7.67	19.52	ONE	6.128	337.9	-1.2	51.5										
45430.0	46080.0	0.627	205.0	-11.0	-0.33	1.296	61.0	0.768	3.131	68.2	167.7	0.727D	5.535A	1.32	0.263	123.2	104.5	4.0	0.277
		13.89	7.73	21.61	ONE	6.128	337.9	-1.2	53.4										
ARRIVAL DATE = 2446100.0																			
45300.0	46100.0	0.575	225.0	-16.1	0.45	1.303	115.5	0.746	3.036	299.1	531.5	0.771	5.302A	0.98	0.245	112.8	97.5	3.9	0.247
		12.57	7.41	19.98	TWO	6.081	339.6	-1.1	62.1										
45310.0	46100.0	0.516	229.1	-16.8	0.53	1.306	111.8	0.733	3.086	307.9	530.1	0.824	5.348A	0.86	0.255	114.4	100.5	3.8	0.246
		11.12	7.40	18.52	TWO	6.081	339.6	-1.1	59.1										
45320.0	46100.0	0.460	232.2	-17.0	0.67	1.309	108.0	0.722	3.132	316.7	528.8	0.872	5.393A	0.68	0.265	115.7	103.1	3.7	0.246
		9.79	7.40	17.20	TWO	6.081	339.6	-1.1	56.6										
45330.0	46100.0	0.409	234.0	-16.3	0.96	1.311	104.2	0.713	3.174	325.7	527.6	0.912	5.436A	0.36	0.272	116.8	105.2	3.3	0.246
		8.62	7.41	16.03	TWO	6.081	339.6	-1.1	54.4										
45340.0	46100.0	0.364	234.4	-13.0	1.77	1.312	100.4	0.706	3.210	334.8	526.6	0.945	5.475A	-0.47	0.279	117.6	107.0	2.5	0.247
		7.67	7.42	15.08	TWO	6.081	339.6	-1.1	52.7										
45350.0	46100.0	0.421	244.0	25.1	13.29	1.313	96.5	0.701	3.238	344.2	525.8	0.968	5.507A	-12.03	0.284	118.3	107.3	-8.7	0.258
		8.90	7.52	16.42	TWO	6.081	339.6	-1.1	53.0										
45360.0	46100.0	0.307	221.1	-26.7	-2.38	1.313	92.5	0.698	3.256	353.9	525.2	0.982	5.530A	3.61	0.287	118.7	109.1	6.5	0.250
		6.52	7.44	13.97	ONE	6.081	339.6	-1.1	50.7										
45370.0	46100.0	0.300	215.6	-19.3	-1.11	1.312	88.4	0.698	3.264	3.8	165.0	0.985D	5.544A	2.31	0.288	119.1	109.6	5.2	0.251
		6.39	7.45	13.84	ONE	6.081	339.6	-1.1	50.1										
45380.0	46100.0	0.316	209.3	-15.2	-0.74	1.311	84.3	0.701	3.261	14.0	165.0	0.976D	5.546A	1.90	0.287	119.3	109.6	4.8	0.252
		6.70	7.46	14.16	ONE	6.081	339.6	-1.1	50.1										
45390.0	46100.0	0.352	204.6	-12.5	-0.57	1.309	79.9	0.706	3.246	24.4	165.4	0.953D	5.539A	1.70	0.285	119.4	109.1	4.6	0.253
		7.42	7.48	14.90	ONE	6.081	339.6	-1.1	50.6										
45400.0	46100.0	0.404	202.1	-10.9	-0.47	1.306	75.5	0.715	3.220	35.0	166.0	0.917D	5.523A	1.57	0.281	119.5	108.2	4.4	0.255
		8.53	7.50	16.03	ONE	6.081	339.6	-1.1	51.5										
45410.0	46100.0	0.468	201.6	-10.3	-0.42	1.302	70.9	0.727	3.183	45.9	166.8	0.868D	5.499A	1.47	0.274	119.6	106.9	4.3	0.258
		9.99	7.53	17.51	ONE	6.081	339.6	-1.1	52.7										
45420.0	46100.0	0.541	202.8	-10.5	-0.38	1.299	66.1	0.743	3.138	56.8	167.9	0.805D	5.470A	1.39	0.266	119.8	105.3	4.2	0.262
		11.74	7.57	19.31	ONE	6.081	339.6	-1.1	54.4										
45430.0	46100.0	0.621	205.2	-11.2	-0.37	1.294	61.2	0.763	3.085	67.9	169.0	0.730D	5.439A	1.33	0.255	120.1	103.3	4.1	0.268
		13.74	7.63	21.37	ONE	6.081	339.6	-1.1	56.3										
ARRIVAL DATE = 2446120.0																			
45300.0	46120.0	0.576	225.3	-16.1	0.49	1.302	115.7	0.745	3.008	298.7	532.8	0.768	5.247A	0.96	0.240	109.6	96.1	3.9	0.241
		12.60	7.35	19.96	TWO	5.952	341.3	-1.0	65.2										
45310.0	46120.0	0.517	229.4	-16.8	0.57	1.305	111.9	0.731	3.054	307.5	531.5	0.823	5.285A	0.83	0.250	111.3	99.1	3.8	0.239
		11.13	7.34	18.47	TWO	5.952	341.3	-1.0	62.2										
45320.0	46120.0	0.460	232.5	-17.0	0.71	1.307	108.1	0.719	3.096	316.4	530.2	0.871	5.322A	0.65	0.259	112.8	101.7	3.7	0.239
		9.79	7.33	17.13	TWO	5.952	341.3	-1.0	59.6										
45330.0	46120.0	0.408	234.3	-16.2	0.99	1.309	104.2	0.709	3.135	325.4	529.1	0.911	5.358A	0.34	0.266	113.9	103.9	3.3	0.239
		8.61	7.33	15.94	TWO	5.952	341.3	-1.0	57.4										
45340.0	46120.0	0.363	234.6	-13.2	1.71	1.311	100.4	0.702	3.167	334.7	528.1	0.944	5.391A	-0.41	0.272	114.8	105.7	2.5	0.239
		7.65	7.34	14.98	TWO	5.952	341.3	-1.0	55.6										
45350.0	46120.0	0.354	237.5	7.3	7.00	1.312	96.5	0.697	3.193	344.1	527.3	0.968	5.417A	-5.75	0.277	115.5	106.8	-3.0	0.242
		7.45	7.36	14.82	TWO	5.952	341.3	-1.0	54.7										
45360.0	46120.0	0.309	220.1	-30.3	-3.26	1.311	92.5	0.694	3.209	353.8	526.8	0.982	5.437A	4.48	0.280	116.0	107.9	7.6	0.242
		6.56	7.36	13.92	ONE	5.952	341.3	-1.0	53.6										
45370.0	46120.0	0.298	215.5	-20.4	-1.34	1.311	88.5	0.694	3.216	3.7	166.6	0.985D	5.448A	2.53	0.281	116.3	108.4	5.5	0.242
		6.36	7.36	13.73	ONE	5.952	341.3	-1.0	53.0										
45380.0	46120.0	0.314	209.3	-15.8	-0.86	1.309	84.3	0.696	3.213	13.8	166.6	0.976D	5.450A	2.01	0.280	116.6	108.4	5.0	0.243
		6.66	7.37	14.03	ONE	5.952	341.3	-1.0	53.0										
45390.0	46120.0	0.350	204.6	-12.8	-0.65	1.307	80.0	0.702	3.199	24.2	166.9	0.954D	5.444A	1.76	0.278	116.7	107.9	4.7	0.244
		7.37	7.39	14.75	ONE	5.952	341.3	-1.0	53.5										
45400.0	46120.0	0.401	202.2	-11.1	-0.54	1.304	75.6	0.711	3.174	34.8	167.5	0.918D	5.430A	1.61	0.273	116.7	107.0	4.5	0.246
		8.46	7.41	15.87	ONE	5.952	341.3	-1.0	54.4										
45410.0	46120.0	0.465	201.8	-10.5	-0.47	1.301	71.1	0.723	3.140	45.6	168.3	0.869D	5.410A	1.50	0.267	116.7	105.7	4.4	0.249
		9.90	7.44	17.33	ONE	5.952	341.3	-1.0	55.6										
45420.0	46120.0	0.537	203.0	-10.6	-0.43	1.297	66.4	0.739	3.097	56.5	169.2	0.808D	5.386A	1.41	0.259	116.8	104.1	4.3	0.254
		11.63	7.48	19.11	ONE	5.952	341.3	-1.0	57.3										
45430.0	46120.0	0.616	205.4	-11.3	-0.41	1.293	61.5	0.759	3.047	67.5	170.3	0.734D	5.360A	1.33	0.248	116.9	102.1	4.1	0.259
		13.60	7.54	21.14	ONE	5.952	341.3	-1.0	59.2										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	T 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	T 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2446140.0											
45300.0	46140.0	0.578	225.7	-16.1	0.52	1.301	115.8	0.744	2.984	298.3	534.1	0.765	5.203A	0.94	0.235	106.4	94.6	4.0	0.236
		12.65	7.31	19.96	TWO	5.750	343.0	-0.9	68.4										
45310.0	46140.0	0.518	229.7	-16.8	0.60	1.304	112.0	0.729	3.027	307.1	532.8	0.821	5.233A	0.81	0.245	108.3	97.7	3.8	0.234
		11.16	7.29	18.45	TWO	5.750	343.0	-0.9	65.4										
45320.0	46140.0	0.461	232.8	-17.0	0.74	1.306	108.2	0.717	3.066	316.1	531.6	0.869	5.263A	0.62	0.253	109.8	100.3	3.7	0.232
		9.81	7.27	17.08	TWO	5.750	343.0	-0.9	62.7										
45330.0	46140.0	0.408	234.6	-16.2	1.01	1.308	104.3	0.706	3.102	325.2	530.5	0.910	5.293A	0.32	0.261	111.1	102.6	3.3	0.232
		8.62	7.27	15.88	TWO	5.750	343.0	-0.9	60.5										
45340.0	46140.0	0.363	234.9	-13.5	1.66	1.309	100.5	0.699	3.132	334.4	529.6	0.944	5.320A	-0.37	0.267	112.0	104.4	2.6	0.232
		7.64	7.27	14.90	TWO	5.750	343.0	-0.9	58.6										
45350.0	46140.0	0.339	235.7	0.4	5.02	1.310	98.6	0.693	3.155	343.9	528.8	0.968	5.343A	-3.77	0.271	112.8	105.6	-1.1	0.233
		7.16	7.28	14.43	TWO	5.750	343.0	-0.9	57.4										
45360.0	46140.0	0.315	218.2	-36.1	-4.72	1.310	92.6	0.690	3.170	353.6	528.3	0.982	5.359A	5.93	0.274	113.3	106.6	9.3	0.235
		6.68	7.30	13.98	ONE	5.750	343.0	-0.9	56.8										
45370.0	46140.0	0.297	215.3	-21.7	-1.63	1.309	88.6	0.690	3.177	3.5	168.1	0.9850	5.368A	2.80	0.275	113.6	107.1	6.0	0.234
		6.34	7.29	13.63	ONE	5.750	343.0	-0.9	56.0										
45380.0	46140.0	0.312	209.4	-16.5	-1.00	1.308	84.4	0.692	3.173	13.7	168.1	0.9760	5.378A	2.14	0.274	113.8	107.1	5.2	0.235
		6.62	7.29	13.92	ONE	5.750	343.0	-0.9	56.0										
45390.0	46140.0	0.347	204.8	-13.1	-0.74	1.305	80.2	0.698	3.160	24.0	168.4	0.9540	5.365A	1.84	0.272	113.9	106.7	4.9	0.236
		7.32	7.31	14.63	ONE	5.750	343.0	-0.9	56.4										
45400.0	46140.0	0.398	202.4	-11.4	-0.60	1.303	75.8	0.707	3.136	34.6	168.9	0.9200	5.353A	1.65	0.267	113.9	105.8	4.6	0.238
		8.39	7.33	15.72	ONE	5.750	343.0	-0.9	57.3										
45410.0	46140.0	0.461	202.0	-10.7	-0.52	1.299	71.2	0.719	3.104	45.3	169.7	0.8710	5.336A	1.53	0.261	113.8	104.5	4.5	0.242
		9.81	7.36	17.17	ONE	5.750	343.0	-0.9	58.6										
45420.0	46140.0	0.532	203.2	-10.9	-0.48	1.296	66.6	0.735	3.063	56.1	170.6	0.8110	5.316A	1.43	0.253	113.7	102.8	4.3	0.246
		11.51	7.40	18.91	ONE	5.750	343.0	-0.9	63.2										
45430.0	46140.0	0.610	205.7	-11.5	-0.45	1.291	61.8	0.755	3.016	67.0	171.6	0.7380	5.295A	1.34	0.243	113.7	100.9	4.2	0.252
		13.46	7.46	20.92	ONE	5.750	343.0	-0.9	62.1										
								ARRIVAL DATE = 2446160.0											
45300.0	46160.0	0.581	226.0	-16.2	0.56	1.300	116.0	0.743	2.964	297.8	535.3	0.762	5.167A	0.92	0.231	103.3	93.2	4.0	0.232
		12.72	7.27	19.99	TWO	5.489	344.8	-0.8	71.6										
45310.0	46160.0	0.520	230.1	-16.9	0.64	1.303	112.1	0.728	3.004	306.7	534.0	0.818	5.190A	0.79	0.241	105.3	96.2	3.8	0.229
		11.21	7.24	18.45	TWO	5.489	344.8	-0.8	68.5										
45320.0	46160.0	0.462	233.2	-17.0	0.78	1.305	108.3	0.715	3.041	315.7	532.9	0.867	5.215A	0.60	0.249	106.9	98.9	3.7	0.227
		9.84	7.22	17.06	TWO	5.489	344.8	-0.8	65.9										
45330.0	46160.0	0.409	235.0	-16.3	1.03	1.307	104.4	0.704	3.074	324.8	531.9	0.909	5.239A	0.30	0.256	108.2	101.2	3.3	0.226
		8.63	7.21	15.84	TWO	5.489	344.8	-0.8	63.6										
45340.0	46160.0	0.363	235.2	-13.7	1.62	1.308	100.6	0.696	3.102	334.1	531.0	0.943	5.262A	-0.33	0.262	109.3	103.0	2.6	0.225
		7.64	7.21	14.85	TWO	5.489	344.8	-0.8	61.7										
45350.0	46160.0	0.334	235.1	-3.2	4.05	1.309	96.7	0.690	3.124	343.6	530.3	0.967	5.280A	-2.80	0.266	110.0	104.3	-0.1	0.226
		7.04	7.21	14.26	TWO	5.489	344.8	-0.8	60.4										
45360.0	46160.0	0.336	213.9	-46.5	-7.57	1.309	92.7	0.687	3.138	353.4	529.8	0.982	5.294A	8.77	0.269	110.6	105.1	12.5	0.231
		7.09	7.26	14.35	ONE	5.489	344.8	-0.8	60.2										
45370.0	46160.0	0.297	215.2	-23.3	-1.98	1.308	88.7	0.687	3.143	3.3	169.6	0.9850	5.301A	3.14	0.270	110.9	105.8	6.4	0.227
		6.34	7.22	13.56	ONE	5.489	344.8	-0.8	59.0										
45380.0	46160.0	0.310	209.5	-17.3	-1.16	1.306	84.5	0.689	3.140	13.4	169.6	0.9770	5.303A	2.28	0.269	111.1	105.9	5.5	0.227
		6.59	7.23	13.82	ONE	5.489	344.8	-0.8	59.0										
45390.0	46160.0	0.345	205.0	-13.8	-0.94	1.304	80.3	0.694	3.127	23.7	169.8	0.9550	5.299A	1.92	0.267	111.2	105.4	5.0	0.229
		7.27	7.24	14.51	ONE	5.489	344.8	-0.8	59.4										
45400.0	46160.0	0.395	202.6	-11.8	-0.68	1.301	75.9	0.703	3.105	34.3	170.3	0.9210	5.289A	1.71	0.262	111.1	104.5	4.8	0.231
		8.32	7.26	15.58	ONE	5.489	344.8	-0.8	60.3										
45410.0	46160.0	0.457	202.3	-11.0	-0.58	1.298	71.5	0.716	3.074	44.9	171.0	0.8740	5.275A	1.56	0.256	110.9	103.2	4.6	0.235
		9.71	7.30	17.01	ONE	5.489	344.8	-0.8	61.6										
45420.0	46160.0	0.527	203.5	-11.1	-0.52	1.294	66.8	0.732	3.036	55.7	171.8	0.8140	5.259A	1.45	0.248	110.7	101.6	4.4	0.239
		11.39	7.34	18.73	ONE	5.489	344.8	-0.8	63.2										
45430.0	46160.0	0.604	206.0	-11.7	-0.49	1.290	62.1	0.752	2.992	66.5	172.7	0.7430	5.241A	1.36	0.238	110.5	99.7	4.3	0.246
		13.31	7.40	20.71	ONE	5.489	344.8	-0.8	65.0										
								ARRIVAL DATE = 2446180.0											
45300.0	46180.0	0.584	226.4	-16.2	0.59	1.299	116.3	0.743	2.948	297.2	536.4	0.758	5.138A	0.90	0.229	100.1	91.7	4.0	0.229
		12.81	7.24	20.05	TWO	5.189	346.5	-0.7	74.7										
45310.0	46180.0	0.522	230.5	-16.9	0.67	1.302	112.3	0.727	2.986	306.2	535.3	0.815	5.156A	0.77	0.238	102.3	94.7	3.8	0.225
		11.27	7.21	18.48	TWO	5.189	346.5	-0.7	71.7										

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45320.0	46180.0	0.484	233.6	-17.0	0.80	1.304	108.4	0.714	3.020	315.2	534.2	0.865	5.175A	0.58	0.246	104.0	97.4	3.7	0.223
		9.88	7.18	17.06	TWO	5.189	346.5	-0.7	69.0										
45330.0	46180.0	0.410	235.4	-16.3	1.05	1.306	104.6	0.703	3.051	324.4	533.2	0.908	5.195A	0.28	0.252	105.4	99.7	3.3	0.221
		8.66	7.17	15.83	TWO	5.189	346.5	-0.7	66.7										
45340.0	46180.0	0.363	235.7	-13.9	1.59	1.307	100.7	0.694	3.077	333.8	532.3	0.942	5.213A	-0.30	0.258	106.5	101.6	2.7	0.220
		7.65	7.16	14.81	TWO	5.189	346.5	-0.7	64.8										
45350.0	46180.0	0.331	235.0	-5.4	3.47	1.308	96.8	0.688	3.097	343.3	531.7	0.967	5.228A	-2.23	0.262	107.3	103.0	0.4	0.220
		6.99	7.16	14.15	TWO	5.189	346.5	-0.7	63.5										
45360.0	46180.0	0.432	194.1	-67.6	-15.57	1.308	92.8	0.684	3.111	353.1	531.2	0.982	5.239A	16.77	0.264	107.9	103.0	20.6	0.240
		9.15	7.35	16.50	ONE	5.189	346.5	-0.7	65.0										
45370.0	46180.0	0.297	215.1	-25.4	-2.44	1.307	88.8	0.684	3.116	3.0	171.0	0.985D	5.246A	3.59	0.265	108.3	104.5	7.1	0.221
		6.34	7.17	13.51	ONE	5.189	346.5	-0.7	62.1										
45380.0	46180.0	0.309	209.8	-18.2	-1.34	1.305	84.7	0.686	3.112	13.1	171.0	0.977D	5.247A	2.45	0.265	108.4	104.5	5.7	0.221
		6.56	7.17	13.73	ONE	5.189	346.5	-0.7	62.0										
45390.0	46180.0	0.342	205.3	-14.3	-0.95	1.303	80.5	0.691	3.100	23.4	171.2	0.956D	5.244A	2.01	0.262	108.4	104.1	5.2	0.223
		7.21	7.19	14.40	ONE	5.189	346.5	-0.7	62.4										
45400.0	46180.0	0.391	202.9	-12.2	-0.75	1.300	76.1	0.700	3.079	33.9	171.7	0.923D	5.236A	1.76	0.258	108.3	103.2	4.9	0.225
		8.25	7.21	15.46	ONE	5.189	346.5	-0.7	63.3										
45410.0	46180.0	0.452	202.6	-11.3	-0.64	1.297	71.7	0.713	3.050	44.5	172.3	0.876D	5.225A	1.60	0.252	108.1	102.0	4.7	0.229
		9.62	7.24	16.86	ONE	5.189	346.5	-0.7	64.5										
45420.0	46180.0	0.522	203.8	-11.3	-0.57	1.293	67.1	0.729	3.014	55.2	173.0	0.817D	5.211A	1.47	0.244	107.7	100.4	4.5	0.234
		11.27	7.28	18.55	ONE	5.189	346.5	-0.7	66.1										
45430.0	46180.0	0.598	206.3	-12.0	-0.53	1.289	62.4	0.749	2.972	65.9	173.9	0.747D	5.197A	1.37	0.234	107.4	98.5	4.3	0.240
		13.16	7.35	20.51	ONE	5.189	346.5	-0.7	67.9										

ARRIVAL DATE = 2446200.0

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45300.0	46200.0	0.588	226.9	-16.3	0.62	1.298	116.5	0.743	2.935	296.6	537.5	0.754	5.116A	0.89	0.226	97.1	90.3	3.9	0.227
		12.91	7.23	20.13	TWO	4.873	348.2	-0.6	77.9										
45310.0	46200.0	0.525	230.9	-17.0	0.70	1.301	112.5	0.727	2.970	305.6	536.4	0.812	5.129A	0.75	0.235	99.3	93.3	3.8	0.222
		11.35	7.18	18.53	TWO	4.873	348.2	-0.6	74.9										
45320.0	46200.0	0.466	234.1	-17.1	0.83	1.304	108.6	0.713	3.003	314.7	535.4	0.863	5.143A	0.56	0.243	101.2	96.0	3.7	0.219
		9.94	7.15	17.09	TWO	4.873	348.2	-0.6	72.2										
45330.0	46200.0	0.412	235.9	-16.4	1.07	1.305	104.7	0.701	3.032	324.0	534.4	0.906	5.159A	0.27	0.249	102.7	98.3	3.3	0.217
		8.70	7.13	15.83	TWO	4.873	348.2	-0.6	69.9										
45340.0	46200.0	0.364	236.2	-14.2	1.56	1.306	100.9	0.692	3.057	333.4	533.6	0.941	5.173A	-0.28	0.255	103.8	100.2	2.7	0.215
		7.67	7.12	14.79	TWO	4.873	348.2	-0.6	68.0										
45350.0	46200.0	0.330	235.2	-7.0	3.09	1.307	96.9	0.686	3.076	342.9	533.0	0.966	5.185A	-1.85	0.259	104.7	101.6	0.8	0.215
		6.97	7.11	14.09	TWO	4.873	348.2	-0.6	66.6										
45370.0	46200.0	0.298	214.8	-28.1	-3.24	1.306	88.9	0.681	3.093	2.6	172.3	0.985D	5.200A	4.18	0.262	105.6	103.1	7.9	0.216
		6.36	7.12	13.49	ONE	4.873	348.2	-0.6	65.2										
45380.0	46200.0	0.307	210.0	-19.3	-1.56	1.304	84.8	0.684	3.089	12.7	172.3	0.978D	5.201A	2.65	0.261	105.8	103.2	6.1	0.216
		6.53	7.13	13.66	ONE	4.873	348.2	-0.6	65.1										
45390.0	46200.0	0.339	205.6	-15.0	-1.07	1.302	80.7	0.689	3.078	23.0	172.5	0.958D	5.198A	2.11	0.259	105.8	102.8	5.4	0.217
		7.16	7.14	14.30	ONE	4.873	348.2	-0.6	65.5										
45400.0	46200.0	0.388	203.3	-12.6	-0.83	1.300	76.3	0.698	3.058	33.4	172.9	0.925D	5.192A	1.82	0.255	105.6	101.9	5.0	0.220
		8.17	7.16	15.34	ONE	4.873	348.2	-0.6	66.3										
45410.0	46200.0	0.448	202.9	-11.7	-0.70	1.296	71.9	0.710	3.031	44.0	173.5	0.879D	5.183A	1.63	0.249	105.3	100.7	4.8	0.224
		9.52	7.19	16.71	ONE	4.873	348.2	-0.6	67.5										
45420.0	46200.0	0.517	204.2	-11.6	-0.62	1.293	67.4	0.726	2.997	54.6	174.2	0.821D	5.172A	1.50	0.241	104.8	99.1	4.6	0.229
		11.15	7.24	18.39	ONE	4.873	348.2	-0.6	69.1										
45430.0	46200.0	0.592	206.7	-12.2	-0.58	1.289	62.7	0.746	2.957	65.2	174.9	0.752D	5.161A	1.38	0.232	104.3	97.4	4.4	0.235
		13.01	7.30	20.31	ONE	4.873	348.2	-0.6	70.8										

ARRIVAL DATE = 2446220.0

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45300.0	46220.0	0.593	227.3	-16.4	0.65	1.298	116.8	0.744	2.925	295.9	538.6	0.750	5.100A	0.87	0.225	94.1	89.0	3.9	0.226
		13.02	7.21	20.23	TWO	4.570	349.9	-0.5	80.9										
45310.0	46220.0	0.529	231.4	-17.0	0.73	1.301	112.8	0.727	2.958	305.0	537.6	0.808	5.108A	0.73	0.233	96.5	91.9	3.8	0.220
		11.44	7.16	18.60	TWO	4.570	349.9	-0.5	78.0										
45320.0	46220.0	0.469	234.6	-17.2	0.86	1.303	108.8	0.712	2.989	314.2	536.6	0.860	5.118A	0.54	0.241	98.4	94.6	3.7	0.216
		10.00	7.13	17.13	TWO	4.570	349.9	-0.5	75.3										
45330.0	46220.0	0.414	236.5	-16.5	1.08	1.305	104.9	0.700	3.017	323.5	535.7	0.904	5.130A	0.25	0.247	99.9	96.9	3.3	0.213
		8.75	7.10	15.85	TWO	4.570	349.9	-0.5	73.0										
45340.0	46220.0	0.366	236.7	-14.4	1.54	1.306	101.0	0.691	3.040	332.9	534.9	0.939	5.141A	-0.26	0.252	101.1	98.8	2.7	0.211
		7.70	7.09	14.79	TWO	4.570	349.9	-0.5	71.1										
45350.0	46220.0	0.330	235.5	-8.2	2.82	1.306	97.1	0.684	3.058	342.5	534.3	0.965	5.151A	-1.59	0.256	102.1	100.2	1.1	0.210
		6.97	7.08	14.05	TWO	4.570	349.9	-0.5	69.7										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45360.0	46220.0	0.490	249.1	41.3	19.43	1.306	93.2	0.680	3.069	352.1	533.9	0.981	5.158A	-14.25	0.258	102.7	99.9	-16.6	0.235
		10.50	7.30	17.80	TWO	4.570	349.9	-0.5	71.1										
45370.0	46220.0	0.301	214.1	-31.8	-3.89	1.305	89.1	0.679	3.074	2.2	173.6	0.9860	5.162A	5.02	0.259	103.1	101.7	9.0	0.212
		6.42	7.09	13.51	ONE	4.570	349.9	-0.5	68.4										
45380.0	46220.0	0.306	210.3	-20.5	-1.80	1.304	85.0	0.681	3.071	12.3	173.6	0.9780	5.163A	2.88	0.259	103.2	101.8	6.4	0.212
		6.51	7.09	13.59	ONE	4.570	349.9	-0.5	68.2										
45390.0	46220.0	0.337	206.1	-15.7	-1.20	1.302	80.9	0.687	3.060	22.5	173.8	0.9590	5.161A	2.22	0.256	103.2	101.4	5.6	0.213
		7.11	7.10	14.21	ONE	4.570	349.9	-0.5	68.5										
45400.0	46220.0	0.386	203.7	-13.1	-0.92	1.299	76.6	0.695	3.041	32.9	174.2	0.9270	5.156A	1.89	0.252	102.9	100.6	5.2	0.216
		8.10	7.12	15.22	ONE	4.570	349.9	-0.5	69.3										
45410.0	46220.0	0.444	203.3	-12.0	-0.77	1.296	72.2	0.708	3.015	43.4	174.7	0.8820	5.149A	1.68	0.247	102.5	99.4	4.9	0.219
		9.42	7.15	16.57	ONE	4.570	349.9	-0.5	70.5										
45420.0	46220.0	0.512	204.6	-11.9	-0.68	1.292	67.7	0.723	2.983	54.0	175.3	0.8250	5.141A	1.52	0.239	102.0	97.9	4.6	0.224
		11.02	7.20	18.22	ONE	4.570	349.9	-0.5	72.0										
45430.0	46220.0	0.586	207.0	-12.5	-0.62	1.288	63.1	0.743	2.945	64.5	176.0	0.7570	5.132A	1.40	0.230	101.4	96.2	4.4	0.231
		12.86	7.26	20.12	ONE	4.570	349.9	-0.5	73.7										

ARRIVAL DATE = 2446240.0

45300.0	46240.0	0.598	227.8	-16.5	0.68	1.298	117.1	0.745	2.917	295.2	539.6	0.745	5.089A	0.86	0.224	91.1	87.7	3.9	0.225
		13.15	7.21	20.36	TWO	4.313	351.6	-0.4	83.9										
45310.0	46240.0	0.533	231.9	-17.1	0.75	1.300	113.1	0.727	2.949	304.4	538.6	0.805	5.093A	0.71	0.232	93.6	90.6	3.8	0.219
		11.54	7.15	18.69	TWO	4.313	351.6	-0.4	81.1										
45320.0	46240.0	0.473	235.1	-17.2	0.88	1.303	109.1	0.712	2.978	313.6	537.7	0.857	5.099A	0.52	0.239	95.7	93.2	3.6	0.214
		10.09	7.11	17.20	TWO	4.313	351.6	-0.4	78.4										
45330.0	46240.0	0.417	237.1	-16.6	1.10	1.304	105.2	0.700	3.004	322.9	536.8	0.902	5.107A	0.24	0.245	97.3	95.5	3.3	0.211
		8.81	7.08	15.89	TWO	4.313	351.6	-0.4	76.1										
45340.0	46240.0	0.368	237.4	-14.6	1.52	1.305	101.2	0.690	3.026	332.4	536.1	0.937	5.115A	-0.24	0.250	98.5	97.4	2.8	0.208
		7.74	7.06	14.81	TWO	4.313	351.6	-0.4	74.3										
45350.0	46240.0	0.330	236.1	-9.2	2.61	1.306	97.3	0.683	3.043	342.0	535.5	0.964	5.122A	-1.39	0.254	99.5	98.8	1.4	0.207
		6.98	7.05	14.03	TWO	4.313	351.6	-0.4	72.8										
45360.0	46240.0	0.364	239.7	20.3	10.31	1.305	93.4	0.679	3.054	351.7	535.1	0.980	5.128A	-9.13	0.256	100.1	99.5	-7.8	0.213
		7.66	7.10	14.76	TWO	4.313	351.6	-0.4	72.4										
45370.0	46240.0	0.308	212.8	-37.1	-5.17	1.305	89.3	0.678	3.059	1.7	174.9	0.9860	5.132A	6.28	0.257	100.5	100.4	10.6	0.209
		6.55	7.07	13.62	ONE	4.313	351.6	-0.4	71.5										
45380.0	46240.0	0.305	210.7	-22.1	-2.10	1.303	85.2	0.680	3.056	11.8	174.9	0.9790	5.132A	3.17	0.256	100.7	100.5	6.9	0.208
		6.49	7.06	13.54	ONE	4.313	351.6	-0.4	71.2										
45390.0	46240.0	0.334	206.6	-16.5	-1.35	1.301	81.1	0.685	3.046	22.0	175.0	0.9600	5.131A	2.35	0.254	100.6	100.1	5.8	0.209
		7.06	7.07	14.13	ONE	4.313	351.6	-0.4	71.6										
45400.0	46240.0	0.381	204.2	-13.7	-1.02	1.298	76.8	0.693	3.028	32.4	175.3	0.9290	5.127A	1.96	0.251	100.3	99.4	5.3	0.212
		8.02	7.09	15.11	ONE	4.313	351.6	-0.4	72.3										
45410.0	46240.0	0.439	203.8	-12.5	-0.84	1.295	72.5	0.705	3.003	42.8	175.8	0.8850	5.122A	1.72	0.245	99.9	98.2	5.0	0.216
		9.32	7.12	16.44	ONE	4.313	351.6	-0.4	73.5										
45420.0	46240.0	0.507	205.0	-12.2	-0.73	1.292	68.0	0.721	2.972	53.3	176.4	0.8290	5.115A	1.55	0.238	99.3	96.8	4.7	0.221
		10.89	7.17	18.06	ONE	4.313	351.6	-0.4	74.9										
45430.0	46240.0	0.580	207.5	-12.7	-0.67	1.288	63.4	0.740	2.936	63.8	177.0	0.7630	5.109A	1.41	0.229	98.5	95.1	4.5	0.228
		12.70	7.23	19.94	ONE	4.313	351.6	-0.4	76.5										

ARRIVAL DATE = 2446260.0

45300.0	46260.0	0.603	228.3	-16.5	0.71	1.297	117.4	0.746	2.911	294.4	540.6	0.740	5.083	0.85	0.224	88.3	86.5	3.9	0.225
		13.29	7.21	20.50	TWO	4.135	353.4	-0.4	86.8										
45310.0	46260.0	0.538	232.4	-17.2	0.78	1.300	113.4	0.728	2.941	303.7	539.7	0.800	5.083A	0.70	0.231	90.9	89.3	3.8	0.218
		11.66	7.15	18.80	TWO	4.135	353.4	-0.4	84.0										
45320.0	46260.0	0.477	235.7	-17.3	0.90	1.302	109.3	0.713	2.969	312.9	538.8	0.854	5.085A	0.51	0.238	93.0	91.9	3.6	0.213
		10.18	7.10	17.28	TWO	4.135	353.4	-0.4	81.5										
45330.0	46260.0	0.420	237.7	-16.7	1.11	1.304	105.4	0.700	2.994	322.3	538.0	0.899	5.090A	0.23	0.244	94.7	94.1	3.3	0.209
		8.88	7.07	15.94	TWO	4.135	353.4	-0.4	79.2										
45340.0	46260.0	0.370	238.1	-14.9	1.50	1.305	101.5	0.690	3.015	331.8	537.3	0.936	5.095A	-0.22	0.249	96.0	96.0	2.8	0.206
		7.79	7.04	14.84	TWO	4.135	353.4	-0.4	77.4										
45350.0	46260.0	0.331	236.7	-10.1	2.45	1.305	97.5	0.682	3.032	341.4	536.7	0.963	5.100A	-1.23	0.252	97.0	97.5	1.5	0.204
		7.00	7.03	14.03	TWO	4.135	353.4	-0.4	75.9										
45360.0	46260.0	0.333	237.2	10.2	7.23	1.305	93.6	0.678	3.042	351.2	536.3	0.980	5.105A	-6.07	0.255	97.7	98.4	-4.4	0.206
		7.04	7.04	14.08	TWO	4.135	353.4	-0.4	75.1										
45370.0	46260.0	0.325	209.6	-45.1	-7.31	1.304	89.5	0.676	3.046	1.2	176.1	0.9860	5.107A	8.42	0.255	98.1	99.0	13.2	0.209
		6.87	7.07	13.94	ONE	4.135	353.4	-0.4	74.8										
45380.0	46260.0	0.304	211.0	-23.9	-2.47	1.303	85.5	0.678	3.044	11.2	176.0	0.9800	5.108A	3.52	0.255	98.2	99.2	7.4	0.205
		6.48	7.03	13.51	ONE	4.135	353.4	-0.4	74.3										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45390.0	46260.0	0.332	207.1	-17.5	-1.52	1.300	81.3	0.683	3.034	21.4	176.2	0.962D	5.107A	2.50	0.253	98.1	98.9	6.1	0.206
		7.01	7.04	14.05	ONE	4.135	353.4	-0.4	74.6										
45400.0	46260.0	0.377	204.7	-14.3	-1.12	1.298	77.1	0.691	3.018	31.8	176.5	0.931D	5.104A	2.05	0.249	97.8	98.1	5.5	0.209
		7.95	7.06	15.01	ONE	4.135	353.4	-0.4	75.3										
45410.0	46260.0	0.435	204.3	-12.9	-0.91	1.295	72.8	0.703	2.994	42.2	176.9	0.888D	5.100A	1.77	0.244	97.3	97.0	5.1	0.213
		9.22	7.10	16.31	ONE	4.135	353.4	-0.4	76.4										
45420.0	46260.0	0.501	205.5	-12.6	-0.79	1.291	68.3	0.719	2.965	52.6	177.4	0.834D	5.096A	1.58	0.237	96.6	95.7	4.8	0.218
		10.77	7.14	17.91	ONE	4.135	353.4	-0.4	77.7										
45430.0	46260.0	0.574	207.9	-13.0	-0.71	1.288	63.8	0.738	2.930	63.0	178.0	0.768D	5.092A	1.43	0.228	95.7	94.1	4.5	0.225
		12.55	7.21	19.76	ONE	4.135	353.4	-0.4	79.3										

ARRIVAL DATE = 2446280.0

45300.0	46280.0	0.610	228.8	-16.6	0.74	1.297	117.8	0.748	2.907	293.6	541.5	0.734	5.081	0.84	0.224	85.5	85.4	3.9	0.226
		13.44	7.21	20.66	TWO	4.062	355.1	-0.3	89.7										
45310.0	46280.0	0.543	233.0	-17.3	0.81	1.300	113.7	0.729	2.936	302.9	540.7	0.796	5.077	0.68	0.231	88.2	88.2	3.8	0.218
		11.78	7.15	18.93	TWO	4.062	355.1	-0.3	87.0										
45320.0	46280.0	0.481	236.3	-17.4	0.92	1.302	109.6	0.713	2.963	312.2	539.8	0.850	5.076A	0.49	0.238	90.4	90.7	3.6	0.212
		10.28	7.09	17.38	TWO	4.062	355.1	-0.3	84.5										
45330.0	46280.0	0.424	238.4	-16.9	1.12	1.303	105.7	0.700	2.987	321.7	539.1	0.896	5.077A	0.22	0.243	92.2	92.9	3.3	0.208
		8.96	7.06	16.01	TWO	4.062	355.1	-0.3	82.3										
45340.0	46280.0	0.373	238.8	-15.1	1.49	1.304	101.7	0.690	3.007	331.2	538.4	0.934	5.080A	-0.21	0.248	93.5	94.7	2.8	0.205
		7.85	7.03	14.88	TWO	4.062	355.1	-0.3	80.4										
45350.0	46280.0	0.333	237.4	-10.8	2.32	1.305	97.8	0.682	3.022	340.8	537.9	0.962	5.083A	-1.11	0.251	94.6	96.2	1.7	0.202
		7.03	7.01	14.04	TWO	4.062	355.1	-0.3	78.9										
45360.0	46280.0	0.322	236.4	4.4	5.69	1.305	93.8	0.677	3.033	350.6	537.5	0.979	5.086A	-4.54	0.254	95.3	97.1	-2.6	0.203
		6.81	7.01	13.82	TWO	4.062	355.1	-0.3	78.0										
45370.0	46280.0	0.372	200.1	-58.2	-11.64	1.304	89.7	0.675	3.037	0.6	177.3	0.986D	5.088A	12.74	0.254	95.7	97.5	18.1	0.214
		7.83	7.11	14.94	ONE	4.062	355.1	-0.3	78.1										
45380.0	46280.0	0.304	211.2	-26.1	-2.93	1.302	85.7	0.677	3.035	10.6	177.2	0.981D	5.089A	3.96	0.254	95.8	97.9	8.0	0.203
		6.48	7.01	13.49	ONE	4.062	355.1	-0.3	77.3										
45390.0	46280.0	0.330	207.7	-18.5	-1.71	1.300	81.6	0.682	3.026	20.8	177.3	0.963D	5.088A	2.68	0.252	95.7	97.6	6.3	0.204
		6.97	7.02	13.99	ONE	4.062	355.1	-0.3	77.5										
45400.0	46280.0	0.374	205.3	-15.0	-1.23	1.298	77.4	0.690	3.010	31.1	177.6	0.934D	5.086A	2.14	0.249	95.4	96.9	5.6	0.206
		7.87	7.04	14.91	ONE	4.062	355.1	-0.3	78.2										
45410.0	46280.0	0.430	204.8	-13.4	-0.99	1.295	73.1	0.701	2.988	41.5	177.9	0.892D	5.084A	1.83	0.244	94.8	95.9	5.2	0.210
		9.11	7.08	16.19	ONE	4.062	355.1	-0.3	79.2										
45420.0	46280.0	0.496	206.0	-13.0	-0.85	1.291	68.7	0.717	2.960	51.9	178.4	0.838D	5.081A	1.62	0.237	94.1	94.6	4.8	0.216
		10.63	7.12	17.76	ONE	4.062	355.1	-0.3	80.5										
45430.0	46280.0	0.568	208.4	-13.3	-0.76	1.287	64.1	0.735	2.926	62.2	178.9	0.774D	5.079A	1.46	0.229	93.1	93.1	4.6	0.223
		12.39	7.19	19.58	ONE	4.062	355.1	-0.3	82.0										
45440.0	46280.0	0.644	211.7	-14.2	-0.71	1.283	59.5	0.757	2.889	72.5	179.4	0.701D	5.077A	1.32	0.219	91.9	91.6	4.3	0.232
		14.34	7.27	21.61	ONE	4.062	355.1	-0.3	83.5										

ARRIVAL DATE = 2446300.0

45300.0	46300.0	0.616	229.4	-16.8	0.76	1.297	118.2	0.750	2.905	292.8	542.4	0.728	5.083	0.83	0.224	82.9	84.5	3.9	0.227
		13.61	7.23	20.84	TWO	4.105	356.9	-0.2	92.4										
45310.0	46300.0	0.549	233.6	-17.4	0.83	1.300	114.0	0.730	2.933	302.1	541.6	0.790	5.075	0.67	0.231	85.6	87.1	3.8	0.219
		11.92	7.15	19.08	TWO	4.105	356.9	-0.2	89.8										
45320.0	46300.0	0.486	236.9	-17.5	0.94	1.302	110.0	0.714	2.958	311.5	540.8	0.846	5.071	0.48	0.238	87.9	89.5	3.6	0.212
		10.40	7.09	17.49	TWO	4.105	356.9	-0.2	87.4										
45330.0	46300.0	0.428	239.1	-17.0	1.13	1.303	105.9	0.700	2.981	321.0	540.1	0.893	5.069	0.21	0.243	89.7	91.7	3.3	0.207
		9.05	7.05	16.10	TWO	4.105	356.9	-0.2	85.2										
45340.0	46300.0	0.376	239.6	-15.4	1.48	1.304	102.0	0.690	3.001	330.5	539.5	0.931	5.070A	-0.20	0.247	91.1	93.5	2.8	0.204
		7.92	7.02	14.94	TWO	4.105	356.9	-0.2	83.4										
45350.0	46300.0	0.335	238.2	-11.5	2.22	1.304	98.0	0.682	3.016	340.2	539.0	0.960	5.071A	-1.01	0.251	92.2	94.9	1.8	0.201
		7.07	7.00	14.07	TWO	4.105	356.9	-0.2	81.9										
45360.0	46300.0	0.317	236.4	0.6	4.77	1.304	94.0	0.677	3.026	350.0	538.6	0.978	5.073A	-3.63	0.253	92.9	95.9	-1.5	0.201
		6.71	7.00	13.71	TWO	4.105	356.9	-0.2	81.0										
45370.0	46300.0	0.569	139.1	-74.4	-24.60	1.303	90.0	0.675	3.030	0.1	178.4	0.986D	5.074A	25.68	0.254	93.4	95.6	29.2	0.249
		12.42	7.44	19.85	ONE	4.105	356.9	-0.2	82.3										
45380.0	46300.0	0.306	211.3	-28.8	-3.52	1.302	86.0	0.676	3.028	10.0	178.3	0.982D	5.074A	4.54	0.253	93.5	96.7	8.8	0.201
		6.50	7.00	13.50	ONE	4.105	356.9	-0.2	80.3										
45390.0	46300.0	0.327	208.3	-19.7	-1.93	1.300	81.9	0.680	3.019	20.2	178.4	0.965D	5.074A	2.88	0.252	93.4	96.5	6.6	0.202
		6.92	7.01	13.93	ONE	4.105	356.9	-0.2	80.5										
45400.0	46300.0	0.370	205.9	-15.7	-1.36	1.297	77.7	0.688	3.005	30.4	178.6	0.936D	5.073A	2.24	0.248	93.1	95.8	5.8	0.205
		7.79	7.03	14.82	ONE	4.105	356.9	-0.2	81.1										

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COAST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45410.0	46300.0	0.426	205.4	-13.9	-1.07	1.294	73.4	0.700	2.983	40.7	178.9	0.8960	5.071A	1.89	0.244	92.5	94.9	5.3	0.209
		9.01	7.06	16.07	ONE	4.105	356.9	-0.2	82.0										
45420.0	46300.0	0.490	206.5	-13.4	-0.91	1.291	69.0	0.715	2.957	51.1	179.4	0.8430	5.070A	1.66	0.237	91.6	93.6	4.9	0.214
		10.50	7.11	17.61	ONE	4.105	356.9	-0.2	83.2										
45430.0	46300.0	0.561	208.9	-13.6	-0.81	1.287	64.5	0.733	2.925	61.4	179.8	0.7800	5.070A	1.48	0.229	90.6	92.3	4.6	0.221
		12.23	7.17	19.41	ONE	4.105	356.9	-0.2	84.6										
45440.0	46300.0	0.637	212.2	-14.4	-0.75	1.283	59.9	0.755	2.889	71.6	180.2	0.7040	5.070	1.33	0.220	89.3	90.8	4.3	0.230
		14.15	7.26	21.41	ONE	4.105	356.9	-0.2	86.1										
ARRIVAL DATE = 2446320.0																			
45300.0	46320.0	0.623	230.0	-16.9	0.79	1.297	118.6	0.752	2.905	291.9	543.3	0.721	5.088	0.82	0.225	80.3	83.6	3.8	0.229
		13.79	7.24	21.04	TWO	4.259	358.6	-0.1	95.0										
45310.0	46320.0	0.555	234.2	-17.5	0.85	1.300	114.4	0.732	2.931	301.3	542.5	0.785	5.077	0.66	0.232	83.1	86.1	3.8	0.220
		12.08	7.16	19.24	TWO	4.259	358.6	-0.1	92.5										
45320.0	46320.0	0.491	237.6	-17.7	0.96	1.302	110.3	0.715	2.955	310.7	541.8	0.841	5.069	0.47	0.238	85.5	88.4	3.6	0.213
		10.52	7.10	17.62	TWO	4.259	358.6	-0.1	90.2										
45330.0	46320.0	0.432	239.8	-17.2	1.14	1.303	106.3	0.701	2.978	320.2	541.1	0.890	5.065	0.21	0.243	87.4	90.5	3.3	0.207
		9.15	7.05	16.20	TWO	4.259	358.6	-0.1	88.1										
45340.0	46320.0	0.380	240.4	-15.7	1.46	1.304	102.3	0.690	2.996	329.8	540.5	0.929	5.064	-0.19	0.248	88.8	92.3	2.8	0.203
		8.00	7.02	15.01	TWO	4.259	358.6	-0.1	86.3										
45350.0	46320.0	0.337	239.1	-12.1	2.13	1.304	98.3	0.682	3.011	339.5	540.0	0.958	5.063	-0.93	0.251	89.9	93.7	1.9	0.200
		7.12	6.99	14.11	TWO	4.259	358.6	-0.1	84.9										
45360.0	46320.0	0.315	236.8	-2.1	4.16	1.304	94.3	0.676	3.020	349.3	539.7	0.978	5.063A	-3.02	0.253	90.7	94.7	-0.8	0.199
		6.67	6.99	13.66	TWO	4.259	358.6	-0.1	83.9										
45380.0	46320.0	0.308	211.1	-32.4	-4.33	1.302	86.2	0.675	3.023	9.3	179.4	0.982D	5.064A	5.33	0.253	91.3	95.6	9.8	0.201
		6.55	7.00	13.55	ONE	4.259	358.6	-0.1	83.1										
45390.0	46320.0	0.325	208.9	-21.1	-2.18	1.300	82.1	0.679	3.015	19.5	179.4	0.967D	5.064A	3.12	0.252	91.2	95.4	7.0	0.201
		6.88	7.00	13.88	ONE	4.259	358.6	-0.1	83.3										
45400.0	46320.0	0.366	206.6	-16.5	-1.49	1.297	78.0	0.687	3.001	29.7	179.6	0.939D	5.063A	2.36	0.249	90.8	94.8	5.9	0.203
		7.72	7.02	14.73	ONE	4.259	358.6	-0.1	83.9										
45410.0	46320.0	0.421	206.0	-14.5	-1.16	1.294	73.7	0.698	2.981	40.0	179.9	0.899D	5.063A	1.96	0.244	90.2	93.9	5.4	0.207
		8.90	7.05	15.95	ONE	4.259	358.6	-0.1	84.8										
45420.0	46320.0	0.485	207.1	-13.8	-0.98	1.291	69.4	0.713	2.956	50.3	180.3	0.848D	5.063	1.70	0.238	89.3	92.7	5.0	0.213
		10.37	7.10	17.47	ONE	4.259	358.6	-0.1	85.9										
45430.0	46320.0	0.555	209.5	-14.0	-0.86	1.287	64.9	0.731	2.925	60.5	180.7	0.786D	5.064	1.50	0.230	88.2	91.4	4.6	0.220
		12.07	7.16	19.23	ONE	4.259	358.6	-0.1	87.2										
45440.0	46320.0	0.630	212.8	-14.7	-0.80	1.284	60.4	0.753	2.890	70.7	181.1	0.715D	5.066	1.35	0.221	86.8	90.1	4.4	0.229
		13.97	7.25	21.21	ONE	4.259	358.6	-0.1	88.5										
ARRIVAL DATE = 2446340.0																			
45300.0	46340.0	0.631	230.5	-17.0	0.82	1.297	119.0	0.754	2.905	290.9	544.1	0.714	5.096	0.81	0.226	77.8	82.9	3.8	0.231
		13.99	7.26	21.25	TWO	4.497	0.4	0.0	97.5										
45310.0	46340.0	0.562	234.8	-17.6	0.88	1.300	114.8	0.734	2.930	300.4	543.4	0.779	5.082	0.65	0.233	80.7	85.3	3.7	0.222
		12.24	7.18	19.42	TWO	4.497	0.4	0.0	95.1										
45320.0	46340.0	0.497	238.3	-17.8	0.98	1.301	110.6	0.717	2.954	309.9	542.7	0.837	5.072	0.46	0.239	83.1	87.5	3.6	0.214
		10.66	7.11	17.77	TWO	4.497	0.4	0.0	92.9										
45330.0	46340.0	0.437	240.6	-17.3	1.15	1.303	106.6	0.702	2.975	319.4	542.1	0.886	5.065	0.20	0.244	85.1	89.5	3.3	0.208
		9.26	7.06	16.32	TWO	4.497	0.4	0.0	90.9										
45340.0	46340.0	0.384	241.3	-15.9	1.45	1.304	102.6	0.691	2.994	329.1	541.5	0.926	5.061	-0.18	0.248	86.6	91.2	2.8	0.203
		8.08	7.02	15.10	TWO	4.497	0.4	0.0	89.1										
45350.0	46340.0	0.340	240.1	-12.6	2.06	1.304	98.6	0.682	3.008	338.8	541.1	0.957	5.059	-0.86	0.251	87.7	92.6	2.0	0.200
		7.17	6.99	14.17	TWO	4.497	0.4	0.0	87.7										
45360.0	46340.0	0.314	237.5	-4.2	3.72	1.304	94.6	0.676	3.017	348.6	540.7	0.977	5.058	-2.59	0.253	88.5	93.6	-0.2	0.199
		6.66	6.98	13.64	TWO	4.497	0.4	0.0	86.7										
45370.0	46340.0	0.524	250.1	47.2	21.87	1.303	90.7	0.674	3.021	358.4	540.5	0.986	5.057	-20.81	0.254	89.0	93.9	-19.8	0.232
		11.30	7.27	18.57	TWO	4.497	0.4	0.0	86.7										
45380.0	46340.0	0.314	210.2	-37.1	-5.47	1.302	86.5	0.674	3.020	8.6	180.4	0.983D	5.057	6.46	0.254	89.2	94.5	11.2	0.201
		6.67	7.00	13.67	ONE	4.497	0.4	0.0	86.0										
45390.0	46340.0	0.323	209.5	-22.7	-2.49	1.300	82.4	0.679	3.013	18.7	180.4	0.969D	5.057	3.41	0.252	89.1	94.3	7.4	0.200
		6.84	6.99	13.84	ONE	4.497	0.4	0.0	86.1										
45400.0	46340.0	0.363	207.3	-17.4	-1.65	1.297	78.3	0.686	3.000	28.9	180.6	0.942D	5.058	2.50	0.249	88.7	93.8	6.1	0.202
		7.64	7.01	14.65	ONE	4.497	0.4	0.0	86.6										
45410.0	46340.0	0.416	206.7	-15.1	-1.26	1.294	74.1	0.697	2.981	39.2	180.9	0.903D	5.058	2.03	0.245	88.0	93.0	5.5	0.206
		8.79	7.04	15.84	ONE	4.497	0.4	0.0	87.4										
45420.0	46340.0	0.479	207.7	-14.2	-1.05	1.291	69.7	0.712	2.956	49.4	181.2	0.853D	5.060	1.74	0.239	87.1	91.9	5.0	0.212
		10.23	7.09	17.33	ONE	4.497	0.4	0.0	88.5										

1983
EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45430.0	46340.0	0.548	210.0	-14.3	-0.92	1.287	65.3	0.729	2.927	59.6	181.5	0.7920	5.062	1.53	0.232	85.9	90.7	4.7	0.219
		11.91	7.16	19.07	ONE	4.497	0.4	0.0	89.7										
45440.0	46340.0	0.623	213.3	-15.0	-0.84	1.284	60.8	0.750	2.893	69.8	181.8	0.7220	5.065	1.36	0.223	84.5	89.4	4.4	0.229
		13.78	7.24	21.02	ONE	4.497	0.4	0.0	90.9										
ARRIVAL DATE = 2446360.0																			
45300.0	46360.0	0.639	231.2	-17.1	0.84	1.297	119.5	0.757	2.907	289.9	544.8	0.707	5.107	0.80	0.228	75.4	82.3	3.8	0.234
		14.20	7.29	21.49	TWO	4.789	2.1	0.1	99.8										
45310.0	46360.0	0.569	235.5	-17.8	0.90	1.300	115.2	0.736	2.931	299.5	544.2	0.773	5.090	0.64	0.234	78.4	84.5	3.7	0.224
		12.42	7.20	19.61	TWO	4.789	2.1	0.1	97.6										
45320.0	46360.0	0.503	239.0	-17.9	1.00	1.301	111.0	0.718	2.954	309.0	543.6	0.832	5.077	0.44	0.240	80.9	86.6	3.6	0.216
		10.81	7.12	17.93	TWO	4.789	2.1	0.1	95.5										
45330.0	46360.0	0.442	241.4	-17.5	1.16	1.303	106.9	0.704	2.975	318.6	543.0	0.882	5.068	0.19	0.245	82.9	88.6	3.3	0.209
		9.38	7.07	16.45	TWO	4.789	2.1	0.1	93.5										
45340.0	46360.0	0.388	242.2	-16.2	1.44	1.304	102.9	0.691	2.992	328.3	542.5	0.923	5.062	-0.17	0.249	84.4	90.3	2.9	0.204
		8.17	7.02	15.20	TWO	4.789	2.1	0.1	91.8										
45350.0	46360.0	0.343	241.1	-13.1	1.99	1.304	98.9	0.682	3.006	338.0	542.0	0.955	5.058	-0.80	0.252	85.6	91.6	2.1	0.200
		7.24	6.99	14.23	TWO	4.789	2.1	0.1	90.5										
45360.0	46360.0	0.314	238.3	-5.8	3.39	1.304	94.9	0.676	3.016	347.8	541.7	0.976	5.056	-2.26	0.254	86.5	92.6	0.2	0.199
		6.67	6.98	13.65	TWO	4.789	2.1	0.1	89.5										
45370.0	46360.0	0.382	241.5	27.3	12.38	1.303	90.9	0.674	3.020	357.7	541.5	0.985	5.054	-11.33	0.255	87.0	93.2	-10.8	0.208
		8.04	7.06	15.10	TWO	4.789	2.1	0.1	88.9										
45380.0	46360.0	0.327	208.0	-43.8	-7.22	1.302	86.8	0.674	3.019	7.9	181.4	0.9840	5.054	8.20	0.254	87.1	93.5	13.3	0.203
		6.92	7.02	13.93	ONE	4.789	2.1	0.1	88.7										
45390.0	46360.0	0.322	210.1	-24.5	-2.86	1.300	82.8	0.678	3.012	17.9	181.4	0.9700	5.054	3.76	0.253	87.0	93.4	7.8	0.200
		6.82	6.99	13.81	ONE	4.789	2.1	0.1	88.8										
45400.0	46360.0	0.359	208.0	-18.4	-1.82	1.297	78.6	0.685	3.000	28.1	181.6	0.9450	5.055	2.65	0.250	86.6	92.9	6.3	0.202
		7.57	7.01	14.57	ONE	4.789	2.1	0.1	89.2										
45410.0	46360.0	0.411	207.4	-15.7	-1.36	1.294	74.4	0.696	2.982	38.3	181.8	0.9070	5.056	2.12	0.246	85.9	92.1	5.6	0.206
		8.69	7.04	15.73	ONE	4.789	2.1	0.1	90.0										
45420.0	46360.0	0.473	208.4	-14.7	-1.12	1.291	70.1	0.710	2.958	48.5	182.1	0.8580	5.059	1.79	0.241	85.0	91.2	5.1	0.212
		10.10	7.09	17.19	ONE	4.789	2.1	0.1	91.0										
45430.0	46360.0	0.542	210.6	-14.7	-0.98	1.288	65.7	0.728	2.930	58.7	182.3	0.7980	5.062	1.56	0.234	83.8	90.1	4.7	0.219
		11.75	7.15	18.90	ONE	4.789	2.1	0.1	92.1										
45440.0	46360.0	0.615	213.9	-15.3	-0.89	1.284	61.2	0.748	2.898	68.8	182.6	0.7290	5.067	1.38	0.226	82.3	88.9	4.4	0.228
		13.59	7.23	20.83	ONE	4.789	2.1	0.1	93.2										
ARRIVAL DATE = 2446380.0																			
45300.0	46380.0	0.647	231.8	-17.3	0.87	1.297	126.0	0.760	2.910	288.9	545.6	0.699	5.121	0.80	0.230	73.1	81.8	3.8	0.237
		14.41	7.32	21.73	TWO	5.097	3.9	0.2	102.1										
45310.0	46380.0	0.576	236.1	-17.9	0.92	1.300	115.6	0.739	2.933	298.5	545.0	0.766	5.100	0.63	0.236	76.2	83.9	3.7	0.226
		12.60	7.22	19.82	TWO	5.097	3.9	0.2	100.0										
45320.0	46380.0	0.510	239.7	-18.1	1.01	1.302	111.4	0.720	2.956	308.1	544.5	0.826	5.085	0.44	0.241	78.7	85.9	3.5	0.218
		10.96	7.14	18.10	TWO	5.097	3.9	0.2	98.0										
45330.0	46380.0	0.448	242.2	-17.7	1.17	1.303	107.3	0.705	2.975	317.7	543.9	0.878	5.073	0.19	0.246	80.8	87.8	3.3	0.211
		9.51	7.08	16.59	TWO	5.097	3.9	0.2	96.1										
45340.0	46380.0	0.393	243.1	-16.4	1.43	1.304	103.3	0.693	2.993	327.4	543.4	0.920	5.065	-0.16	0.250	82.4	89.4	2.9	0.205
		8.27	7.03	15.31	TWO	5.097	3.9	0.2	94.5										
45350.0	46380.0	0.346	242.1	-13.6	1.94	1.304	99.2	0.683	3.006	337.2	543.0	0.952	5.060	-0.75	0.253	83.6	90.7	2.1	0.201
		7.31	7.00	14.31	TWO	5.097	3.9	0.2	93.2										
45360.0	46380.0	0.316	239.3	-7.2	3.13	1.304	95.2	0.677	3.015	347.0	542.7	0.974	5.056	-2.02	0.255	84.5	91.7	0.5	0.199
		6.69	6.98	13.67	TWO	5.097	3.9	0.2	92.2										
45370.0	46380.0	0.340	239.1	16.3	8.78	1.303	91.2	0.674	3.020	356.9	542.4	0.985	5.054	-7.74	0.256	85.0	92.4	-6.7	0.203
		7.17	7.01	14.18	TWO	5.097	3.9	0.2	91.5										
45380.0	46380.0	0.357	202.1	-53.5	-10.27	1.302	87.1	0.674	3.019	7.1	182.4	0.9850	5.054	11.23	0.255	85.2	92.7	16.8	0.208
		7.53	7.06	14.59	ONE	5.097	3.9	0.2	91.2										
45390.0	46380.0	0.321	210.6	-26.7	-3.31	1.300	83.1	0.677	3.013	17.1	182.4	0.9720	5.054	4.20	0.254	85.1	92.5	8.4	0.200
		6.80	6.99	13.79	ONE	5.097	3.9	0.2	91.4										
45400.0	46380.0	0.356	208.8	-19.5	-2.01	1.297	79.0	0.684	3.001	27.3	182.5	0.9470	5.055	2.82	0.251	84.7	92.1	6.6	0.202
		7.49	7.01	14.50	ONE	5.097	3.9	0.2	91.8										
45410.0	46380.0	0.406	208.2	-16.4	-1.48	1.294	74.8	0.695	2.984	37.4	182.7	0.9110	5.057	2.21	0.248	84.0	91.4	5.7	0.206
		8.58	7.04	15.62	ONE	5.097	3.9	0.2	92.5										
45420.0	46380.0	0.467	209.0	-15.2	-1.20	1.291	70.5	0.709	2.962	47.6	182.9	0.8630	5.061	1.85	0.242	83.0	90.5	5.2	0.212
		9.96	7.09	17.05	ONE	5.097	3.9	0.2	93.4										
45430.0	46380.0	0.535	211.2	-15.1	-1.03	1.288	66.1	0.726	2.935	57.7	183.1	0.8040	5.065	1.60	0.236	81.8	89.5	4.8	0.219
		11.58	7.15	18.74	ONE	5.097	3.9	0.2	94.4										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45440.0	46380.0	0.608	214.4	-15.6	-0.93	1.284	61.7	0.746	2.904	67.8	183.4	0.7370	5.071	1.40	0.228	80.2	88.4	4.4	0.228
		13.40	7.23	20.64	ONE	5.097	3.9	0.2	95.4										
							ARRIVAL DATE = 2446400.0												
45310.0	46400.0	0.584	236.8	-18.0	0.94	1.300	116.1	0.741	2.936	297.5	545.8	0.760	5.113	0.62	0.237	74.0	83.4	3.7	0.229
		12.80	7.25	20.05	TWO	5.393	5.6	0.3	102.2										
45320.0	46400.0	0.517	240.5	-18.2	1.03	1.302	111.8	0.723	2.958	307.2	545.3	0.821	5.095	0.43	0.243	76.6	85.3	3.5	0.220
		11.13	7.16	18.29	TWO	5.393	5.6	0.3	100.3										
45330.0	46400.0	0.454	243.1	-17.9	1.18	1.303	107.7	0.707	2.977	316.8	544.8	0.873	5.081	0.18	0.247	78.7	87.1	3.3	0.212
		9.65	7.10	16.74	TWO	5.393	5.6	0.3	98.6										
45340.0	46400.0	0.398	244.1	-16.7	1.43	1.304	103.6	0.694	2.994	326.5	544.3	0.917	5.071	-0.16	0.251	80.4	88.7	2.9	0.207
		8.38	7.05	15.43	TWO	5.393	5.6	0.3	97.0										
45350.0	46400.0	0.350	243.2	-14.1	1.89	1.304	99.6	0.684	3.007	336.3	543.9	0.950	5.064	-0.70	0.254	81.7	89.9	2.2	0.202
		7.38	7.01	14.39	TWO	5.393	5.6	0.3	95.7										
45360.0	46400.0	0.317	240.4	-8.4	2.92	1.304	95.6	0.677	3.016	346.2	543.6	0.973	5.060	-1.82	0.256	82.5	90.9	0.8	0.200
		6.73	6.99	13.71	TWO	5.393	5.6	0.3	94.7										
45370.0	46400.0	0.323	238.5	9.4	6.90	1.303	91.6	0.674	3.021	356.1	543.4	0.985	5.057	-5.88	0.257	83.1	91.6	-4.4	0.201
		6.83	7.00	13.83	TWO	5.393	5.6	0.3	94.1										
45380.0	46400.0	0.445	180.1	-67.3	-16.82	1.302	87.5	0.674	3.021	6.3	183.3	0.9850	5.056	17.77	0.257	83.3	92.1	23.4	0.224
		9.44	7.20	16.63	ONE	5.393	5.6	0.3	93.4										
45390.0	46400.0	0.321	211.0	-29.4	-3.88	1.300	83.4	0.677	3.015	16.3	183.3	0.9740	5.056	4.76	0.255	83.2	91.8	9.1	0.201
		6.80	7.00	13.80	ONE	5.393	5.6	0.3	93.9										
45400.0	46400.0	0.352	209.6	-20.7	-2.23	1.297	79.3	0.684	3.004	26.4	183.4	0.9500	5.058	3.03	0.253	82.8	91.4	6.8	0.203
		7.42	7.01	14.44	ONE	5.393	5.6	0.3	94.2										
45410.0	46400.0	0.402	208.9	-17.2	-1.60	1.295	75.2	0.694	2.988	36.5	183.5	0.9150	5.061	2.31	0.249	82.1	90.8	5.8	0.207
		8.47	7.04	15.52	ONE	5.393	5.6	0.3	94.9										
45420.0	46400.0	0.461	209.8	-15.8	-1.28	1.291	70.9	0.707	2.966	46.6	183.7	0.8680	5.065	1.91	0.245	81.1	90.0	5.2	0.212
		9.82	7.09	16.92	ONE	5.393	5.6	0.3	95.7										
45430.0	46400.0	0.528	211.9	-15.5	-1.10	1.288	66.6	0.724	2.940	56.7	183.9	0.8110	5.070	1.63	0.238	79.9	89.0	4.8	0.219
		11.42	7.16	18.57	ONE	5.393	5.6	0.3	96.6										
45440.0	46400.0	0.600	215.1	-16.0	-0.98	1.284	62.1	0.744	2.911	66.7	184.1	0.7440	5.077	1.42	0.231	78.3	88.1	4.5	0.228
		13.21	7.24	20.45	ONE	5.393	5.6	0.3	97.6										
							ARRIVAL DATE = 2446420.0												
45310.0	46420.0	0.593	237.5	-18.2	0.98	1.300	116.6	0.744	2.941	296.5	546.5	0.752	5.129	0.62	0.239	72.0	83.0	3.6	0.233
		13.01	7.28	20.29	TWO	5.648	7.4	0.4	104.4										
45320.0	46420.0	0.524	241.3	-18.4	1.04	1.302	112.3	0.725	2.961	306.2	546.1	0.815	5.108	0.42	0.244	74.6	84.8	3.5	0.223
		11.31	7.19	18.50	TWO	5.648	7.4	0.4	102.6										
45330.0	46420.0	0.460	243.9	-18.1	1.18	1.303	108.1	0.709	2.980	315.9	545.6	0.868	5.092	0.18	0.249	76.8	86.5	3.3	0.215
		9.80	7.11	16.91	TWO	5.648	7.4	0.4	100.9										
45340.0	46420.0	0.403	245.1	-17.0	1.42	1.304	104.0	0.695	2.997	325.6	545.2	0.913	5.080	-0.15	0.252	78.5	88.0	2.9	0.208
		8.50	7.06	15.56	TWO	5.648	7.4	0.4	99.4										
45350.0	46420.0	0.354	244.3	-14.6	1.84	1.304	100.0	0.685	3.010	335.4	544.8	0.947	5.072	-0.66	0.255	79.8	89.3	2.3	0.204
		7.47	7.02	14.49	TWO	5.648	7.4	0.4	98.2										
45360.0	46420.0	0.320	241.6	-9.4	2.75	1.304	95.9	0.678	3.019	345.3	544.5	0.971	5.066	-1.65	0.257	80.7	90.2	1.0	0.201
		6.77	7.00	13.77	TWO	5.648	7.4	0.4	97.2										
45370.0	46420.0	0.315	238.8	4.7	5.75	1.303	91.9	0.674	3.023	355.2	544.3	0.984	5.062	-4.74	0.258	81.3	90.9	-2.9	0.201
		6.68	7.00	13.68	TWO	5.648	7.4	0.4	96.5										
45390.0	46420.0	0.323	211.1	-32.8	-4.64	1.300	83.8	0.677	3.018	15.4	184.2	0.9750	5.061	5.49	0.257	81.4	91.1	10.0	0.203
		6.83	7.01	13.85	ONE	5.648	7.4	0.4	96.3										
45400.0	46420.0	0.349	210.4	-22.1	-2.49	1.297	79.7	0.683	3.008	25.5	184.2	0.9530	5.063	3.26	0.255	81.0	90.8	7.1	0.203
		7.36	7.02	14.38	ONE	5.648	7.4	0.4	96.6										
45410.0	46420.0	0.397	209.7	-18.0	-1.74	1.295	75.5	0.693	2.992	35.6	184.3	0.9190	5.066	2.43	0.251	80.4	90.2	6.0	0.207
		8.37	7.05	15.42	ONE	5.648	7.4	0.4	97.2										
45420.0	46420.0	0.456	210.5	-16.3	-1.37	1.292	71.3	0.706	2.972	45.7	184.5	0.8730	5.071	1.98	0.247	79.4	89.5	5.3	0.213
		9.69	7.10	16.78	ONE	5.648	7.4	0.4	97.9										
45430.0	46420.0	0.522	212.6	-15.9	-1.16	1.288	67.0	0.723	2.947	55.7	184.7	0.8170	5.077	1.67	0.241	78.1	88.7	4.9	0.220
		11.25	7.16	18.41	ONE	5.648	7.4	0.4	98.8										
45440.0	46420.0	0.593	215.7	-16.3	-1.03	1.285	62.6	0.742	2.918	65.7	184.8	0.7520	5.085	1.45	0.234	76.5	87.8	4.5	0.229
		13.02	7.24	20.26	ONE	5.648	7.4	0.4	99.6										
							ARRIVAL DATE = 2446440.0												
45310.0	46440.0	0.601	238.3	-18.3	0.98	1.300	117.1	0.747	2.945	295.4	547.2	0.745	5.146	0.61	0.241	70.0	82.8	3.6	0.236
		13.24	7.31	20.54	TWO	5.843	9.2	0.5	106.4										
45320.0	46440.0	0.532	242.1	-18.5	1.06	1.302	112.7	0.727	2.966	305.1	546.8	0.808	5.123	0.41	0.246	72.7	84.5	3.5	0.226
		11.50	7.21	18.71	TWO	5.843	9.2	0.5	104.7										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45330.0	46440.0	0.467 9.95	244.8 7.14	-18.2 17.09	1.19 TWO	1.303 5.843	108.5 9.2	0.711 0.5	2.984 103.1	314.9	546.4	0.863	5.105	0.17	0.250	74.9	86.1	3.3	0.217
45340.0	46440.0	0.409 8.63	246.1 7.08	-17.2 15.71	1.41 TWO	1.304 5.843	104.4 9.2	0.697 0.5	3.000 101.7	324.7	546.0	0.909	5.091	-0.14	0.254	76.7	87.5	2.9	0.211
45350.0	46440.0	0.359 7.56	245.5 7.04	-15.0 14.60	1.80 TWO	1.304 5.843	100.3 9.2	0.686 0.5	3.013 100.5	334.5	545.6	0.945	5.081	-0.63	0.257	78.0	88.7	2.3	0.206
45360.0	46440.0	0.322 6.82	242.8 7.01	-10.4 13.83	2.61 TWO	1.304 5.843	96.3 9.2	0.679 0.5	3.022 99.6	344.4	545.3	0.970	5.074	-1.52	0.259	78.9	89.6	1.2	0.203
45370.0	46440.0	0.311 6.60	239.5 7.01	1.3 13.61	4.97 TWO	1.303 5.843	92.3 9.2	0.675 0.5	3.027 98.9	354.3	545.1	0.984	5.070	-3.97	0.260	79.5	90.2	-2.0	0.202
45390.0	46440.0	0.327 6.92	210.7 7.03	-37.0 13.95	-5.67 ONE	1.300 5.843	84.2 9.2	0.677 0.5	3.023 98.5	14.5	185.0	0.9770	5.068	6.51	0.259	79.7	90.6	11.2	0.205
45400.0	46440.0	0.346 7.30	211.2 7.03	-23.7 14.33	-2.79 ONE	1.298 5.843	80.1 9.2	0.683 0.5	3.013 98.9	24.5	185.1	0.9560	5.070	3.55	0.257	79.4	90.3	7.4	0.205
45410.0	46440.0	0.392 8.26	210.6 7.06	-18.9 15.32	-1.89 ONE	1.295 5.843	75.9 9.2	0.692 0.5	2.998 99.4	34.6	185.2	0.9230	5.074	2.56	0.253	78.7	89.8	6.1	0.208
45420.0	46440.0	0.450 9.55	211.3 7.10	-17.0 16.65	-1.47 ONE	1.292 5.843	71.7 9.2	0.705 0.5	2.979 100.0	44.7	185.3	0.8780	5.079	2.05	0.249	77.7	89.1	5.4	0.214
45430.0	46440.0	0.515 11.09	213.3 7.17	-16.4 18.26	-1.23 ONE	1.289 5.843	67.4 9.2	0.721 0.5	2.955 100.8	54.7	185.4	0.8240	5.086	1.72	0.244	76.4	88.4	4.9	0.221
45440.0	46440.0	0.585 12.83	216.3 7.25	-16.7 20.08	-1.09 ONE	1.285 5.843	63.1 9.2	0.741 0.5	2.927 101.6	64.6	185.5	0.7600	5.095	1.47	0.237	74.8	87.6	4.5	0.230
ARRIVAL DATE = 2446460.0																			
45310.0	46460.0	0.610 13.47	239.0 7.34	-18.5 20.81	1.00 TWO	1.300 5.965	117.6 11.0	0.750 0.6	2.951 108.3	294.3	547.9	0.737	5.166	0.60	0.244	68.1	82.6	3.6	0.240
45320.0	46460.0	0.540 11.70	242.9 7.24	-18.7 18.94	1.07 TWO	1.302 5.965	113.2 11.0	0.730 0.6	2.971 106.7	304.1	547.5	0.802	5.140	0.41	0.248	70.9	84.2	3.5	0.229
45330.0	46460.0	0.474 10.12	245.7 7.16	-18.4 17.29	1.20 TWO	1.303 5.965	109.0 11.0	0.713 0.6	2.989 105.3	313.9	547.2	0.858	5.120	0.17	0.252	73.1	85.7	3.2	0.220
45340.0	46460.0	0.415 8.76	247.2 7.10	-17.5 15.87	1.40 TWO	1.304 5.965	104.8 11.0	0.699 0.6	3.005 103.9	323.7	546.8	0.905	5.104	-0.14	0.256	74.9	87.1	2.9	0.213
45350.0	46460.0	0.364 7.66	246.7 7.06	-15.4 14.72	1.77 TWO	1.305 5.965	100.7 11.0	0.688 0.6	3.017 102.8	333.5	546.5	0.942	5.093	-0.60	0.258	76.3	88.2	2.3	0.208
45360.0	46460.0	0.325 6.88	244.2 7.03	-11.2 13.91	2.48 TWO	1.304 5.965	96.7 11.0	0.680 0.6	3.026 101.9	343.4	546.2	0.968	5.085	-1.41	0.260	77.3	89.1	1.3	0.204
45370.0	46460.0	0.309 6.56	240.4 7.02	-1.4 13.58	4.40 TWO	1.303 5.965	92.7 11.0	0.676 0.6	3.031 101.2	353.4	546.0	0.983	5.080	-3.41	0.261	77.9	89.8	-1.2	0.203
45380.0	46460.0	0.517 11.15	248.6 7.30	46.8 18.45	21.50 TWO	1.302 5.965	88.7 11.0	0.674 0.6	3.032 99.3	3.2	185.9	0.9870	5.077	-20.60	0.261	78.2	90.9	-19.4	0.236
45390.0	46460.0	0.337 7.11	209.2 7.06	-42.8 14.16	-7.17 ONE	1.300 5.965	84.5 11.0	0.677 0.6	3.028 100.6	13.5	185.8	0.9790	5.077	7.99	0.261	78.1	90.2	12.9	0.208
45400.0	46460.0	0.344 7.25	212.0 7.04	-25.5 14.29	-3.16 ONE	1.298 5.965	80.5 11.0	0.682 0.6	3.019 101.0	23.6	185.9	0.9590	5.079	3.89	0.259	77.8	89.9	7.8	0.206
45410.0	46460.0	0.387 8.16	211.4 7.07	-19.9 15.23	-2.07 ONE	1.295 5.965	76.3 11.0	0.692 0.6	3.005 101.5	33.6	185.9	0.9270	5.083	2.71	0.256	77.1	89.5	6.3	0.209
45420.0	46460.0	0.444 9.41	212.1 7.11	-17.6 16.53	-1.57 ONE	1.292 5.965	72.2 11.0	0.704 0.6	2.986 102.1	43.6	186.0	0.8840	5.089	2.13	0.252	76.1	88.9	5.5	0.215
45430.0	46460.0	0.508 10.92	214.0 7.18	-16.9 18.10	-1.30 ONE	1.289 5.965	67.9 11.0	0.720 0.6	2.963 102.8	53.6	186.1	0.8300	5.097	1.76	0.246	74.8	88.2	5.0	0.222
45440.0	46460.0	0.578 12.64	217.0 7.26	-17.0 19.89	-1.14 ONE	1.286 5.965	63.6 11.0	0.739 0.6	2.937 103.5	63.5	186.2	0.7670	5.106	1.50	0.240	73.3	87.5	4.6	0.230
ARRIVAL DATE = 2446480.0																			
45310.0	46480.0	0.620 13.71	239.7 7.38	-18.6 21.10	1.02 TWO	1.301 6.006	118.1 12.7	0.754 0.7	2.958 110.1	293.1	548.5	0.728	5.187	0.60	0.246	66.3	82.6	3.6	0.244
45320.0	46480.0	0.548 11.91	243.7 7.28	-18.8 19.19	1.09 TWO	1.302 6.006	113.7 12.7	0.733 0.7	2.977 108.7	303.0	548.2	0.794	5.159	0.40	0.250	69.1	84.1	3.5	0.233
45330.0	46480.0	0.482 10.30	246.6 7.19	-18.6 17.49	1.20 TWO	1.304 6.006	109.4 12.7	0.715 0.7	2.994 107.3	312.8	547.9	0.852	5.137	0.16	0.254	71.4	85.5	3.2	0.223
45340.0	46480.0	0.421 8.91	248.2 7.13	-17.7 16.03	1.40 TWO	1.305 6.006	105.3 12.7	0.701 0.7	3.010 106.0	322.7	547.5	0.900	5.119	-0.13	0.258	73.2	86.8	2.9	0.216
45350.0	46480.0	0.369 7.77	247.9 7.08	-15.8 14.85	1.73 TWO	1.305 6.006	101.2 12.7	0.689 0.7	3.022 104.9	332.6	547.2	0.938	5.106	-0.57	0.260	74.6	87.9	2.4	0.210
45360.0	46480.0	0.329 6.95	245.5 7.05	-12.0 14.00	2.38 TWO	1.304 6.006	97.1 12.7	0.681 0.7	3.031 104.0	342.5	547.0	0.966	5.097	-1.31	0.262	75.6	88.7	1.5	0.207

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45370.0	46480.0	0.309	241.6	-3.6	3.98	1.304	93.1	0.677	3.037	352.4	546.8	0.982	5.091	-3.00	0.263	76.3	89.4	-0.7	0.205
		6.56	7.03	13.59	TWO	6.006	12.7	0.7	103.4										
45380.0	46480.0	0.392	243.0	29.2	13.17	1.302	89.1	0.675	3.038	2.3	186.7	0.9870	5.088	-12.28	0.263	76.6	90.0	-11.6	0.216
		8.26	7.13	15.38	TWO	6.006	12.7	0.7	102.3										
45390.0	46480.0	0.358	205.3	-50.7	-9.57	1.300	84.9	0.677	3.034	12.6	186.6	0.9800	5.088	10.37	0.263	76.6	90.0	15.5	0.213
		7.54	7.10	14.64	ONE	6.006	12.7	0.7	102.5										
45400.0	46480.0	0.342	212.7	-27.7	-3.60	1.298	80.9	0.682	3.025	22.6	186.6	0.9610	5.090	4.31	0.261	76.2	89.6	8.3	0.208
		7.21	7.06	14.26	ONE	6.006	12.7	0.7	103.1										
45410.0	46480.0	0.383	212.3	-21.0	-2.26	1.296	76.8	0.691	3.012	32.6	186.7	0.9310	5.094	2.89	0.258	75.6	89.2	6.5	0.211
		8.06	7.08	15.14	ONE	6.006	12.7	0.7	103.5										
45420.0	46480.0	0.438	212.9	-18.3	-1.69	1.293	72.6	0.703	2.995	42.6	186.8	0.8890	5.100	2.22	0.254	74.6	88.7	5.6	0.216
		9.28	7.13	16.40	ONE	6.006	12.7	0.7	104.1										
45430.0	46480.0	0.501	214.8	-17.4	-1.38	1.289	68.4	0.719	2.973	52.5	186.8	0.8370	5.109	1.82	0.249	73.4	88.1	5.0	0.223
		10.76	7.19	17.94	ONE	6.006	12.7	0.7	104.7										
45440.0	46480.0	0.570	217.7	-17.4	-1.20	1.286	64.0	0.737	2.947	62.4	186.9	0.7750	5.119	1.53	0.243	71.8	87.4	4.6	0.231
		12.45	7.26	19.71	ONE	6.006	12.7	0.7	105.3										
45450.0	46480.0	0.643	221.5	-18.0	-1.09	1.283	59.7	0.758	2.918	72.1	186.9	0.7050	5.130	1.31	0.236	69.9	86.8	4.3	0.242
		14.30	7.36	21.66	ONE	6.006	12.7	0.7	105.9										
ARRIVAL DATE = 2446500.0																			
45310.0	46500.0	0.630	240.5	-18.8	1.04	1.301	118.7	0.757	2.965	291.9	549.1	0.719	5.210	0.59	0.248	64.5	82.7	3.6	0.248
		13.97	7.43	21.40	TWO	5.963	14.5	0.8	111.8										
45320.0	46500.0	0.557	244.5	-19.0	1.10	1.303	114.2	0.736	2.983	301.8	548.9	0.787	5.180	0.39	0.253	67.4	84.1	3.4	0.237
		12.13	7.31	19.44	TWO	5.963	14.5	0.8	110.5										
45330.0	46500.0	0.490	247.6	-18.8	1.21	1.304	109.9	0.718	3.001	311.7	548.6	0.846	5.155	0.16	0.256	69.7	85.4	3.2	0.227
		10.49	7.22	17.71	TWO	5.963	14.5	0.8	109.2										
45340.0	46500.0	0.428	249.3	-18.0	1.39	1.305	105.7	0.703	3.016	321.6	548.3	0.896	5.136	-0.13	0.260	71.6	86.6	2.9	0.219
		9.06	7.15	16.21	TWO	5.963	14.5	0.8	108.0										
45350.0	46500.0	0.375	249.2	-16.2	1.70	1.305	101.6	0.691	3.028	331.5	548.0	0.935	5.121	-0.55	0.262	73.0	87.6	2.4	0.213
		7.89	7.10	14.99	TWO	5.963	14.5	0.8	106.9										
45360.0	46500.0	0.333	246.9	-12.7	2.29	1.305	97.5	0.683	3.037	341.5	547.8	0.964	5.111	-1.23	0.264	74.1	88.5	1.6	0.209
		7.03	7.07	14.09	TWO	5.963	14.5	0.8	106.1										
45370.0	46500.0	0.309	242.9	-5.3	3.64	1.304	93.5	0.677	3.043	351.4	547.6	0.981	5.104	-2.67	0.265	74.8	89.1	-0.2	0.207
		6.57	7.05	13.62	TWO	5.963	14.5	0.8	105.5										
45380.0	46500.0	0.348	241.5	18.6	9.59	1.303	89.5	0.676	3.044	1.4	187.5	0.9870	5.100	-8.71	0.266	75.1	89.6	-7.5	0.212
		7.33	7.09	14.42	TWO	5.963	14.5	0.8	104.7										
45390.0	46500.0	0.410	193.6	-61.7	-13.96	1.301	85.3	0.677	3.041	11.6	187.4	0.9820	5.100	14.75	0.265	75.1	90.1	20.0	0.224
		8.65	7.19	15.85	ONE	5.963	14.5	0.8	103.9										
45400.0	46500.0	0.340	213.3	-30.2	-4.15	1.299	81.3	0.682	3.033	21.5	187.4	0.9640	5.102	4.84	0.263	74.8	89.4	8.9	0.210
		7.18	7.07	14.26	ONE	5.963	14.5	0.8	105.1										
45410.0	46500.0	0.378	213.3	-22.2	-2.48	1.296	77.2	0.691	3.021	31.6	187.4	0.9350	5.106	3.09	0.261	74.2	89.1	6.7	0.212
		7.96	7.10	15.06	ONE	5.963	14.5	0.8	105.5										
45420.0	46500.0	0.432	213.8	-19.1	-1.81	1.293	73.0	0.702	3.004	41.5	187.5	0.8940	5.113	2.32	0.257	73.2	88.6	5.7	0.217
		9.14	7.14	16.28	ONE	5.963	14.5	0.8	105.9										
45430.0	46500.0	0.494	215.6	-17.9	-1.46	1.290	68.8	0.717	2.982	51.4	187.5	0.8430	5.122	1.88	0.252	72.0	88.0	5.1	0.224
		10.59	7.20	17.79	ONE	5.963	14.5	0.8	106.5										
45440.0	46500.0	0.562	218.4	-17.8	-1.26	1.287	64.5	0.735	2.958	61.3	187.5	0.7830	5.132	1.57	0.247	70.4	87.5	4.6	0.233
		12.25	7.28	19.53	ONE	5.963	14.5	0.8	107.1										
45450.0	46500.0	0.635	222.2	-18.3	-1.13	1.283	60.2	0.756	2.929	71.0	187.5	0.7140	5.145	1.33	0.240	68.5	86.9	4.3	0.243
		14.08	7.37	21.46	ONE	5.963	14.5	0.8	107.6										
ARRIVAL DATE = 2446520.0																			
45310.0	46520.0	0.640	241.3	-18.9	1.06	1.301	119.3	0.761	2.973	290.7	549.7	0.710	5.235	0.59	0.251	62.8	82.9	3.6	0.253
		14.24	7.47	21.71	TWO	5.841	16.3	0.9	113.5										
45320.0	46520.0	0.567	245.4	-19.2	1.11	1.303	114.8	0.739	2.991	300.7	549.5	0.779	5.202	0.39	0.255	65.7	84.1	3.4	0.241
		12.36	7.35	19.71	TWO	5.841	16.3	0.9	112.2										
45330.0	46520.0	0.498	248.5	-19.0	1.22	1.304	110.4	0.721	3.008	310.6	549.3	0.840	5.176	0.16	0.259	68.1	85.4	3.2	0.230
		10.68	7.26	17.94	TWO	5.841	16.3	0.9	111.0										
45340.0	46520.0	0.435	250.4	-18.2	1.39	1.305	106.2	0.705	3.023	320.5	549.0	0.891	5.154	-0.13	0.262	70.0	86.5	2.9	0.222
		9.22	7.18	16.40	TWO	5.841	16.3	0.9	109.8										
45350.0	46520.0	0.380	250.5	-16.6	1.68	1.305	102.0	0.693	3.035	330.5	548.7	0.931	5.138	-0.52	0.264	71.5	87.5	2.5	0.216
		8.01	7.13	15.14	TWO	5.841	16.3	0.9	108.8										
45360.0	46520.0	0.337	248.4	-13.4	2.20	1.305	97.9	0.684	3.044	340.4	548.5	0.961	5.127	-1.15	0.266	72.6	88.3	1.7	0.212
		7.11	7.09	14.20	TWO	5.841	16.3	0.9	108.0										
45370.0	46520.0	0.310	244.4	-6.9	3.47	1.304	93.9	0.679	3.050	350.4	548.3	0.980	5.119	-2.41	0.267	73.3	88.9	0.1	0.209
		6.59	7.07	13.66	TWO	5.841	16.3	0.9	107.4										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I L LEG	V I CDIST	PSI L RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45380.0	46520.0	0.328	241.5	11.5	7.61	1.303	89.9	0.676	3.051	0.3	188.2	0.988D	5.115	-6.75	0.268	73.7	89.4	-5.1	0.211
		6.94	7.09	14.02	TWO	5.841	16.3	0.9	106.8										
45390.0	46520.0	0.569	145.1	-71.4	-24.42	1.301	85.7	0.678	3.048	10.7	188.2	0.983D	5.114	25.19	0.267	73.7	91.1	28.3	0.256
		12.43	7.50	19.93	ONE	5.841	16.3	0.9	103.8										
45400.0	46520.0	0.341	213.7	-33.3	-4.85	1.299	81.7	0.682	3.041	20.5	188.1	0.967D	5.116	5.53	0.266	73.4	89.3	9.7	0.212
		7.19	7.09	14.28	ONE	5.841	16.3	0.9	106.9										
45410.0	46520.0	0.374	214.2	-23.5	-2.73	1.296	77.6	0.690	3.029	30.5	188.1	0.939D	5.120	3.32	0.263	72.8	89.0	7.0	0.214
		7.87	7.11	14.98	ONE	5.841	16.3	0.9	107.3										
45420.0	46520.0	0.426	214.7	-19.9	-1.95	1.293	73.5	0.702	3.013	40.4	188.2	0.899D	5.127	2.44	0.260	71.9	88.6	5.8	0.219
		9.01	7.15	16.16	ONE	5.841	16.3	0.9	107.7										
45430.0	46520.0	0.487	216.4	-18.5	-1.55	1.290	69.3	0.716	2.993	50.3	188.2	0.850D	5.136	1.94	0.256	70.7	88.1	5.1	0.226
		10.43	7.21	17.64	ONE	5.841	16.3	0.9	108.2										
45440.0	46520.0	0.554	219.2	-18.2	-1.32	1.287	65.0	0.734	2.969	60.1	188.2	0.790D	5.148	1.60	0.250	69.1	87.6	4.7	0.234
		12.06	7.29	19.35	ONE	5.841	16.3	0.9	108.7										
45450.0	46520.0	0.626	222.9	-18.6	-1.18	1.284	60.7	0.754	2.942	69.8	188.1	0.723D	5.160	1.35	0.244	67.3	87.1	4.3	0.244
		13.87	7.38	21.25	ONE	5.841	16.3	0.9	109.2										
ARRIVAL DATE = 2446540.0																			
45320.0	46540.0	0.576	246.2	-19.3	1.13	1.303	115.3	0.743	2.999	299.5	550.1	0.771	5.226	0.38	0.257	64.2	84.3	3.4	0.245
		12.60	7.39	20.00	TWO	5.648	18.1	1.0	113.8										
45330.0	46540.0	0.506	249.5	-19.1	1.22	1.305	110.9	0.724	3.015	309.5	549.9	0.833	5.197	0.15	0.261	66.6	85.5	3.2	0.234
		10.89	7.29	18.18	TWO	5.648	18.1	1.0	112.7										
45340.0	46540.0	0.443	251.5	-18.4	1.38	1.305	106.7	0.708	3.030	319.4	549.7	0.885	5.174	-0.12	0.264	68.5	86.5	2.9	0.226
		9.39	7.21	16.61	TWO	5.648	18.1	1.0	111.6										
45350.0	46540.0	0.387	251.7	-16.9	1.65	1.306	102.5	0.695	3.042	329.4	549.4	0.927	5.157	-0.50	0.267	70.1	87.5	2.5	0.219
		8.15	7.15	15.30	TWO	5.648	18.1	1.0	110.7										
45360.0	46540.0	0.341	249.8	-14.0	2.13	1.305	98.4	0.686	3.051	339.3	549.2	0.959	5.144	-1.09	0.268	71.2	88.2	1.8	0.214
		7.20	7.11	14.31	TWO	5.648	18.1	1.0	109.9										
45370.0	46540.0	0.312	245.9	-8.2	3.15	1.304	94.3	0.680	3.057	349.3	549.1	0.979	5.135	-2.20	0.270	72.0	88.8	0.4	0.212
		6.63	7.09	13.72	TWO	5.648	18.1	1.0	109.3										
45380.0	46540.0	0.318	242.1	6.5	6.35	1.303	90.3	0.677	3.059	359.3	548.9	0.988	5.130	-5.50	0.270	72.4	89.2	-3.6	0.212
		6.74	7.09	13.83	TWO	5.648	18.1	1.0	108.8										
45400.0	46540.0	0.343	213.6	-37.2	-5.79	1.299	82.1	0.682	3.050	19.4	188.8	0.969D	5.131	6.45	0.268	72.2	89.3	10.7	0.215
		7.24	7.12	14.36	ONE	5.648	18.1	1.0	108.6										
45410.0	46540.0	0.370	215.1	-25.1	-3.03	1.297	78.1	0.690	3.039	29.4	188.8	0.943D	5.135	3.60	0.266	71.6	89.0	7.3	0.216
		7.79	7.13	14.91	ONE	5.648	18.1	1.0	109.1										
45420.0	46540.0	0.420	215.6	-20.7	-2.10	1.294	73.9	0.701	3.023	39.3	188.9	0.905D	5.142	2.57	0.263	70.7	88.7	5.9	0.221
		8.88	7.17	16.05	ONE	5.648	18.1	1.0	109.4										
45430.0	46540.0	0.480	217.2	-19.1	-1.64	1.291	69.8	0.715	3.004	49.2	188.8	0.856D	5.152	2.01	0.259	69.5	88.2	5.2	0.227
		10.26	7.23	17.49	ONE	5.648	18.1	1.0	109.9										
45440.0	46540.0	0.547	220.0	-18.7	-1.38	1.288	65.5	0.732	2.981	58.9	188.8	0.798D	5.164	1.65	0.254	67.9	87.8	4.7	0.235
		11.87	7.30	19.17	ONE	5.648	18.1	1.0	110.3										
45450.0	46540.0	0.618	223.6	-19.0	-1.23	1.284	61.2	0.752	2.954	68.6	188.7	0.732D	5.177	1.37	0.248	66.1	87.4	4.3	0.245
		13.65	7.40	21.05	ONE	5.648	18.1	1.0	110.8										
ARRIVAL DATE = 2446560.0																			
45320.0	46560.0	0.586	247.1	-19.5	1.14	1.304	115.9	0.746	3.007	298.2	550.6	0.763	5.252	0.38	0.260	62.6	84.6	3.4	0.249
		12.86	7.43	20.29	TWO	5.398	19.9	1.0	115.3										
45330.0	46560.0	0.515	250.4	-19.3	1.23	1.305	111.5	0.727	3.023	308.3	550.5	0.826	5.221	0.15	0.263	65.1	85.6	3.2	0.238
		11.11	7.33	18.43	TWO	5.398	19.9	1.0	114.3										
45340.0	46560.0	0.451	252.6	-18.6	1.38	1.306	107.2	0.710	3.038	318.3	550.3	0.880	5.196	-0.12	0.266	67.1	86.6	2.9	0.229
		9.57	7.25	16.82	TWO	5.398	19.9	1.0	113.3										
45350.0	46560.0	0.393	253.0	-17.2	1.63	1.306	103.0	0.697	3.050	328.2	550.1	0.923	5.177	-0.49	0.269	68.7	87.5	2.5	0.222
		8.29	7.18	15.47	TWO	5.398	19.9	1.0	112.4										
45360.0	46560.0	0.346	251.3	-14.6	2.07	1.306	98.8	0.688	3.059	338.2	549.9	0.956	5.162	-1.03	0.271	69.9	88.2	1.9	0.217
		7.30	7.14	14.44	TWO	5.398	19.9	1.0	111.7										
45370.0	46560.0	0.315	247.5	-9.4	2.96	1.305	94.8	0.681	3.065	348.2	549.8	0.977	5.153	-2.03	0.272	70.6	88.8	0.6	0.214
		6.68	7.11	13.79	TWO	5.398	19.9	1.0	111.1										
45380.0	46560.0	0.312	243.1	2.8	5.48	1.304	90.7	0.678	3.067	358.2	549.6	0.987	5.147	-4.65	0.272	71.1	89.2	-2.5	0.214
		6.63	7.11	13.74	TWO	5.398	19.9	1.0	110.6										
45400.0	46560.0	0.350	212.8	-42.2	-7.11	1.300	82.6	0.682	3.059	18.3	189.5	0.972D	5.147	7.76	0.271	70.9	89.5	12.1	0.219
		7.37	7.15	14.52	ONE	5.398	19.9	1.0	110.2										
45410.0	46560.0	0.366	216.0	-26.8	-3.38	1.297	78.5	0.690	3.049	28.3	189.5	0.946D	5.151	3.93	0.269	70.4	89.1	7.6	0.219
		7.71	7.15	14.86	ONE	5.398	19.9	1.0	110.7										
45420.0	46560.0	0.414	216.6	-21.7	-2.26	1.294	74.4	0.700	3.034	38.2	189.5	0.910D	5.159	2.71	0.266	69.5	88.8	6.1	0.223
		8.75	7.19	15.93	ONE	5.398	19.9	1.0	111.1										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	T 1 / LEG	V 1 / COIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIM	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45430.0	46560.0	0.473	218.1	-19.7	-1.74	1.291	70.2	0.714	3.016	48.0	189.5	0.8620	5.169	2.09	0.262	68.3	88.4	5.3	0.229
		10.10	7.24	17.34	ONE	5.398	19.9	1.0	111.5										
45440.0	46560.0	0.539	220.8	-19.1	-1.45	1.288	66.0	0.731	2.993	57.8	189.4	0.8060	5.181	1.69	0.257	66.8	88.1	4.8	0.237
		11.68	7.32	18.99	ONE	5.398	19.9	1.0	111.9										
45450.0	46560.0	0.609	224.3	-19.3	-1.28	1.285	61.7	0.750	2.968	67.4	189.3	0.7410	5.195	1.40	0.251	65.0	87.7	4.4	0.247
		13.44	7.41	20.85	ONE	5.398	19.9	1.0	112.2										
ARRIVAL DATE = 2446580.0																			
45320.0	46580.0	0.597	247.9	-19.6	1.15	1.304	116.5	0.750	3.016	297.0	551.2	0.754	5.278	0.38	0.263	61.2	84.9	3.4	0.254
		13.12	7.48	20.60	TWO	5.107	21.7	1.1	116.8										
45330.0	46580.0	0.525	251.4	-19.5	1.23	1.305	112.0	0.730	3.032	307.0	551.1	0.818	5.245	0.15	0.266	63.7	85.9	3.2	0.242
		11.33	7.37	18.70	TWO	5.107	21.7	1.1	115.8										
45340.0	46580.0	0.459	253.7	-18.9	1.37	1.306	107.7	0.713	3.046	317.1	550.9	0.874	5.219	-0.12	0.269	65.7	86.8	2.9	0.233
		9.76	7.28	17.04	TWO	5.107	21.7	1.1	114.9										
45350.0	46580.0	0.400	254.3	-17.5	1.60	1.306	103.5	0.700	3.058	327.1	550.7	0.919	5.198	-0.47	0.271	67.3	87.7	2.5	0.226
		8.44	7.21	15.65	TWO	5.107	21.7	1.1	114.1										
45360.0	46580.0	0.352	252.8	-15.1	2.01	1.306	99.3	0.689	3.068	337.1	550.6	0.953	5.182	-0.98	0.273	68.6	88.4	1.9	0.221
		7.41	7.17	14.58	TWO	5.107	21.7	1.1	113.4										
45370.0	46580.0	0.318	249.1	-10.4	2.80	1.305	95.2	0.683	3.074	347.1	550.4	0.976	5.172	-1.88	0.274	69.4	88.9	0.8	0.217
		6.73	7.14	13.87	TWO	5.107	21.7	1.1	112.8										
45380.0	46580.0	0.309	244.4	-0.2	4.84	1.304	91.2	0.679	3.076	357.1	550.3	0.987	5.165	-4.03	0.275	69.8	89.3	-1.7	0.216
		6.57	7.13	13.70	TWO	5.107	21.7	1.1	112.3										
45390.0	46580.0	0.490	247.7	42.7	19.65	1.302	87.2	0.679	3.075	7.0	190.3	0.9870	5.163	-18.93	0.274	70.0	90.7	-17.1	0.243
		10.49	7.37	17.86	TWO	5.107	21.7	1.1	109.6										
45400.0	46580.0	0.365	210.3	-48.9	-9.10	1.300	83.0	0.683	3.069	17.2	190.2	0.9740	5.164	9.73	0.273	69.7	89.8	14.2	0.224
		7.68	7.20	14.88	ONE	5.107	21.7	1.1	111.5										
45410.0	46580.0	0.363	216.9	-28.8	-3.80	1.298	79.0	0.689	3.059	27.1	190.2	0.9500	5.169	4.33	0.271	69.2	89.3	8.0	0.221
		7.64	7.17	14.81	ONE	5.107	21.7	1.1	112.3										
45420.0	46580.0	0.408	217.5	-22.7	-2.45	1.295	74.9	0.700	3.045	37.0	190.2	0.9150	5.176	2.88	0.269	68.4	89.0	6.3	0.225
		8.62	7.20	15.83	ONE	5.107	21.7	1.1	112.6										
45430.0	46580.0	0.466	219.0	-20.4	-1.85	1.292	70.7	0.713	3.029	46.8	190.1	0.8690	5.186	2.18	0.265	67.2	88.7	5.4	0.231
		9.94	7.26	17.20	ONE	5.107	21.7	1.1	113.0										
45440.0	46580.0	0.531	221.6	-19.6	-1.53	1.289	66.5	0.729	3.006	56.6	190.0	0.8130	5.199	1.74	0.260	65.8	88.4	4.8	0.239
		11.49	7.33	18.82	ONE	5.107	21.7	1.1	113.3										
45450.0	46580.0	0.601	225.1	-19.7	-1.33	1.286	62.3	0.749	2.981	66.2	189.8	0.7490	5.213	1.43	0.255	64.0	88.1	4.4	0.248
		13.22	7.42	20.64	ONE	5.107	21.7	1.1	113.6										
ARRIVAL DATE = 2446600.0																			
45320.0	46600.0	0.607	248.8	-19.8	1.16	1.305	117.1	0.754	3.025	295.7	551.7	0.744	5.306	0.37	0.265	59.7	85.4	3.4	0.258
		13.39	7.53	20.92	TWO	4.798	23.5	1.2	118.1										
45330.0	46600.0	0.534	252.4	-19.7	1.24	1.306	112.6	0.733	3.041	305.8	551.6	0.811	5.271	0.15	0.268	62.3	86.3	3.2	0.247
		11.57	7.41	18.98	TWO	4.798	23.5	1.2	117.2										
45340.0	46600.0	0.467	254.8	-19.1	1.37	1.306	108.2	0.716	3.055	315.9	551.5	0.867	5.243	-0.11	0.271	64.4	87.1	2.9	0.237
		9.96	7.32	17.28	TWO	4.798	23.5	1.2	116.4										
45350.0	46600.0	0.407	255.6	-17.8	1.58	1.307	104.0	0.702	3.067	325.9	551.4	0.914	5.220	-0.46	0.273	66.1	87.9	2.6	0.229
		8.60	7.25	15.85	TWO	4.798	23.5	1.2	115.6										
45360.0	46600.0	0.357	254.4	-15.6	1.95	1.306	99.8	0.691	3.077	335.9	551.2	0.950	5.204	-0.94	0.275	67.3	88.6	2.0	0.224
		7.53	7.19	14.72	TWO	4.798	23.5	1.2	114.9										
45370.0	46600.0	0.321	250.8	-11.4	2.66	1.306	95.7	0.684	3.083	346.0	551.1	0.974	5.192	-1.75	0.276	68.2	89.1	1.0	0.220
		6.80	7.16	13.96	TWO	4.798	23.5	1.2	114.4										
45380.0	46600.0	0.308	245.9	-2.6	4.36	1.304	91.6	0.680	3.086	356.0	551.0	0.987	5.185	-3.55	0.277	68.7	89.5	-1.1	0.219
		6.55	7.15	13.70	TWO	4.798	23.5	1.2	114.0										
45390.0	46600.0	0.392	245.1	27.6	12.97	1.303	87.6	0.680	3.085	5.9	190.9	0.9880	5.181	-12.27	0.277	68.8	90.2	-10.8	0.229
		8.26	7.25	15.50	TWO	4.798	23.5	1.2	112.6										
45400.0	46600.0	0.399	203.1	-58.1	-12.43	1.300	83.5	0.683	3.079	16.1	190.9	0.9760	5.183	13.04	0.276	68.6	90.3	17.5	0.232
		8.42	7.27	15.70	ONE	4.798	23.5	1.2	112.5										
45410.0	46600.0	0.360	217.6	-31.2	-4.32	1.298	79.4	0.689	3.070	26.0	190.8	0.9540	5.187	4.83	0.274	68.1	89.6	8.6	0.223
		7.59	7.19	14.79	ONE	4.798	23.5	1.2	113.8										
45420.0	46600.0	0.403	218.5	-23.9	-2.67	1.295	75.4	0.699	3.057	35.8	190.8	0.9200	5.194	3.07	0.272	67.3	89.4	6.5	0.227
		8.50	7.22	15.72	ONE	4.798	23.5	1.2	114.1										
45430.0	46600.0	0.459	219.9	-21.1	-1.97	1.292	71.2	0.712	3.040	45.6	190.7	0.8750	5.205	2.27	0.268	66.2	89.1	5.5	0.233
		9.78	7.28	17.05	ONE	4.798	23.5	1.2	114.4										
45440.0	46600.0	0.523	222.4	-20.1	-1.60	1.289	67.0	0.728	3.019	55.3	190.6	0.8210	5.217	1.79	0.264	64.8	88.8	4.8	0.240
		11.30	7.35	18.65	ONE	4.798	23.5	1.2	114.7										
45450.0	46600.0	0.592	225.9	-20.1	-1.39	1.286	62.8	0.747	2.995	64.9	190.4	0.7580	5.232	1.46	0.259	63.0	88.5	4.4	0.250
		13.00	7.44	20.44	ONE	4.798	23.5	1.2	115.0										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2446620.0											
45320.0	46620.0	0.619 13.68	249.7 7.58	-19.9 21.25	1.18 TWO	1.305 4.498	117.8 25.3	0.758 1.3	3.035 119.4	294.3	552.2	0.735	5.336	0.37	0.268	58.4	85.9	3.4	0.263
45330.0	46620.0	0.544 11.81	253.4 7.45	-19.8 19.27	1.24 TWO	1.306 4.498	113.2 25.3	0.737 1.3	3.051 118.6	304.5	552.2	0.803	5.299	0.15	0.271	61.0	86.7	3.2	0.251
45340.0	46620.0	0.476 10.17	255.9 7.36	-19.3 17.52	1.36 TWO	1.307 4.498	108.8 25.3	0.719 1.3	3.065 117.8	314.6	552.1	0.861	5.268	-0.11	0.274	63.1	87.5	2.9	0.241
45350.0	46620.0	0.415 8.77	256.9 7.28	-18.1 16.05	1.56 TWO	1.307 4.498	104.5 25.3	0.705 1.3	3.077 117.1	324.7	552.0	0.909	5.244	-0.44	0.276	64.8	88.3	2.6	0.233
45360.0	46620.0	0.363 7.65	255.9 7.23	-16.0 14.88	1.91 TWO	1.307 4.498	100.3 25.3	0.693 1.3	3.086 116.5	334.8	551.8	0.946	5.226	-0.90	0.278	66.1	88.9	2.1	0.227
45370.0	46620.0	0.325 6.88	252.6 7.19	-12.2 14.07	2.54 TWO	1.306 4.498	96.2 25.3	0.686 1.3	3.092 116.0	344.8	551.7	0.972	5.213	-1.64	0.279	67.0	89.4	1.2	0.223
45380.0	46620.0	0.308 6.54	247.6 7.17	-4.6 13.72	3.97 TWO	1.305 4.498	92.1 25.3	0.681 1.3	3.095 115.5	354.8	551.6	0.986	5.205	-3.18	0.279	67.5	89.7	-0.6	0.221
45390.0	46620.0	0.352 7.42	244.7 7.22	18.0 14.64	9.73 TWO	1.303 4.498	88.1 25.3	0.681 1.3	3.095 114.7	4.7	191.6	0.9880	5.201	-9.05	0.279	67.7	90.2	-7.3	0.227
45400.0	46620.0	0.490 10.50	177.6 7.45	-69.1 17.94	-19.99 ONE	1.301 4.498	83.9 25.3	0.683 1.3	3.090 112.3	15.0	191.5	0.9780	5.202	19.68	0.278	67.6	91.5	23.3	0.250
45410.0	46620.0	0.359 7.57	218.3 7.22	-34.0 14.79	-4.98 ONE	1.298 4.498	79.9 25.3	0.689 1.3	3.082 115.2	24.8	191.5	0.9570	5.206	5.47	0.277	67.1	90.0	9.2	0.226
45420.0	46620.0	0.398 8.38	219.6 7.24	-25.2 15.63	-2.91 ONE	1.296 4.498	75.8 25.3	0.699 1.3	3.069 115.6	34.7	191.4	0.9250	5.213	3.29	0.274	66.3	89.7	6.7	0.229
45430.0	46620.0	0.453 9.62	220.9 7.30	-21.9 16.91	-2.10 ONE	1.293 4.498	71.7 25.3	0.711 1.3	3.053 115.8	44.4	191.3	0.8820	5.224	2.38	0.271	65.3	89.5	5.6	0.235
45440.0	46620.0	0.516 11.11	223.3 7.37	-20.6 18.47	-1.69 ONE	1.290 4.498	67.6 25.3	0.727 1.3	3.033 116.1	54.1	191.2	0.8290	5.237	1.85	0.267	63.9	89.3	4.9	0.242
45450.0	46620.0	0.584 12.79	226.7 7.46	-20.5 20.25	-1.44 ONE	1.287 4.498	63.3 25.3	0.745 1.3	3.010 116.3	63.7	191.0	0.7670	5.252	1.49	0.262	62.2	89.0	4.4	0.251
								ARRIVAL DATE = 2446640.0											
45320.0	46640.0	0.630 13.97	250.6 7.63	-20.1 21.60	1.19 TWO	1.305 4.238	118.4 27.1	0.762 1.4	3.045 120.6	293.0	552.6	0.725	5.366	0.37	0.270	57.0	86.5	3.4	0.268
45330.0	46640.0	0.555 12.67	254.4 7.50	-20.0 19.57	1.25 TWO	1.306 4.238	113.8 27.1	0.741 1.4	3.061 119.9	303.2	552.6	0.794	5.327	0.14	0.273	59.7	87.3	3.2	0.255
45340.0	46640.0	0.485 10.38	257.1 7.40	-19.4 17.78	1.36 TWO	1.307 4.238	109.3 27.1	0.722 1.4	3.074 119.1	313.4	552.6	0.854	5.295	-0.11	0.276	61.9	88.0	3.0	0.245
45350.0	46640.0	0.423 8.94	258.3 7.32	-18.4 16.26	1.55 TWO	1.307 4.238	105.0 27.1	0.707 1.4	3.086 118.5	323.5	552.5	0.904	5.269	-0.43	0.278	63.6	88.7	2.6	0.237
45360.0	46640.0	0.370 7.79	257.4 7.26	-16.4 15.04	1.86 TWO	1.307 4.238	100.8 27.1	0.696 1.4	3.096 117.9	333.5	552.4	0.942	5.249	-0.86	0.280	64.9	89.3	2.1	0.231
45370.0	46640.0	0.329 6.96	254.3 7.22	-13.0 14.18	2.43 TWO	1.306 4.238	96.7 27.1	0.688 1.4	3.102 117.4	343.6	552.3	0.969	5.235	-1.55	0.281	65.9	89.7	1.3	0.226
45380.0	46640.0	0.308 6.56	249.3 7.20	-6.3 13.76	3.66 TWO	1.305 4.238	92.6 27.1	0.683 1.4	3.106 117.0	353.6	552.3	0.985	5.226	-2.88	0.282	66.5	90.1	-0.3	0.224
45390.0	46640.0	0.333 7.03	245.3 7.22	11.3 14.25	7.83 TWO	1.303 4.238	88.5 27.1	0.682 1.4	3.105 116.4	3.6	192.2	0.9890	5.222	-7.16	0.282	66.7	90.5	-5.1	0.227
45410.0	46640.0	0.360 7.58	218.6 7.25	-37.5 14.83	-5.84 ONE	1.299 4.238	80.4 27.1	0.689 1.4	3.093 116.5	23.6	192.1	0.9610	5.226	6.31	0.280	66.1	90.4	10.1	0.229
45420.0	46640.0	0.392 8.27	220.6 7.26	-26.6 15.54	-3.19 ONE	1.296 4.238	76.3 27.1	0.698 1.4	3.082 116.9	33.4	192.0	0.9300	5.233	3.56	0.277	65.4	90.2	6.9	0.231
45430.0	46640.0	0.446 9.46	221.9 7.31	-22.7 16.78	-2.25 ONE	1.293 4.238	72.2 27.1	0.710 1.4	3.066 117.1	43.2	191.9	0.8880	5.244	2.50	0.274	64.4	90.0	5.7	0.237
45440.0	46640.0	0.508 10.92	224.2 7.38	-21.2 18.30	-1.78 ONE	1.290 4.238	68.1 27.1	0.726 1.4	3.047 117.4	52.9	191.7	0.8360	5.257	1.92	0.271	63.0	89.8	5.0	0.244
45450.0	46640.0	0.575 12.58	227.5 7.47	-20.9 20.05	-1.51 ONE	1.287 4.238	63.9 27.1	0.743 1.4	3.024 117.5	62.4	191.5	0.7760	5.273	1.53	0.266	61.3	89.6	4.5	0.253
45460.0	46640.0	0.646 14.39	231.6 7.58	-21.1 21.97	-1.34 ONE	1.284 4.238	59.6 27.1	0.764 1.4	2.999 117.7	71.8	191.2	0.7080	5.290	1.24	0.261	59.4	89.5	4.1	0.263
								ARRIVAL DATE = 2446660.0											
45320.0	46660.0	0.642 14.28	251.5 7.68	-20.2 21.96	1.20 TWO	1.306 4.053	119.1 28.9	0.766 1.5	3.056 121.7	291.6	553.0	0.714	5.398	0.37	0.273	55.7	87.2	3.4	0.273
45330.0	46660.0	0.566 12.34	255.4 7.54	-20.1 19.88	1.25 TWO	1.307 4.053	114.4 28.9	0.744 1.5	3.071 121.1	301.9	553.1	0.785	5.356	0.14	0.276	58.5	87.9	3.2	0.260

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45340.0	46660.0	0.495 10.61	258.2 7.44	-19.6 18.05	1.35 TWO	1.308 4.053	109.9 28.9	0.725 1.5	3.085 120.4	312.1	553.1	0.847	5.322	-0.11	0.278	60.7	88.5	3.0	0.249
45350.0	46660.0	0.431 9.13	259.6 7.35	-18.6 16.48	1.53 TWO	1.308 4.053	105.6 28.9	0.710 1.5	3.096 119.8	322.2	553.1	0.898	5.295	-0.42	0.281	62.5	89.2	2.6	0.241
45360.0	46660.0	0.376 7.93	259.0 7.29	-16.8 15.22	1.82 TWO	1.307 4.053	101.3 28.9	0.698 1.5	3.106 119.2	332.3	553.0	0.938	5.274	-0.83	0.282	63.8	89.7	2.2	0.234
45370.0	46660.0	0.334 7.05	256.1 7.25	-13.7 14.30	2.33 TWO	1.307 4.053	97.2 28.9	0.689 1.5	3.113 118.8	342.4	552.9	0.967	5.259	-1.46	0.284	64.8	90.2	1.4	0.230
45380.0	46660.0	0.310 6.58	251.2 7.23	-7.8 13.81	3.40 TWO	1.305 4.053	93.1 28.9	0.684 1.5	3.116 118.4	352.4	552.9	0.984	5.249	-2.64	0.284	65.4	90.5	0.1	0.227
45390.0	46660.0	0.322 6.81	246.4 7.24	6.4 14.05	6.58 TWO	1.304 4.053	89.0 28.9	0.683 1.5	3.117 117.9	2.4	192.8	0.9890	5.244	-5.93	0.284	65.7	90.8	-3.7	0.228
45410.0	46660.0	0.364 7.67	218.3 7.28	-42.0 14.95	-7.31 ONE	1.299 4.053	80.9 28.9	0.690 1.5	3.106 117.7	22.4	192.7	0.9640	5.247	7.46	0.282	65.2	91.0	11.3	0.233
45420.0	46660.0	0.388 8.17	221.6 7.29	-28.2 15.46	-3.53 ONE	1.297 4.053	76.8 28.9	0.698 1.5	3.094 118.2	32.2	192.6	0.9340	5.254	3.87	0.280	64.5	90.7	7.3	0.234
45430.0	46660.0	0.439 9.31	222.9 7.33	-23.6 16.64	-2.41 ONE	1.294 4.053	72.7 28.9	0.710 1.5	3.079 118.4	42.0	192.5	0.8940	5.265	2.64	0.277	63.5	90.5	5.8	0.239
45440.0	46660.0	0.500 10.73	225.1 7.40	-21.8 18.14	-1.87 ONE	1.291 4.053	68.6 28.9	0.724 1.5	3.061 118.6	51.6	192.3	0.8440	5.278	1.99	0.274	62.2	90.3	5.0	0.246
45450.0	46660.0	0.567 12.36	228.3 7.49	-21.3 19.85	-1.57 ONE	1.288 4.053	64.4 28.9	0.742 1.5	3.039 118.7	61.1	192.0	0.7840	5.294	1.57	0.270	60.6	90.2	4.5	0.255
45460.0	46660.0	0.637 14.15	232.3 7.59	-21.5 21.74	-1.39 ONE	1.285 4.053	60.2 28.9	0.762 1.5	3.015 118.8	70.5	191.7	0.7180	5.311	1.26	0.265	58.6	90.1	4.1	0.265

ARRIVAL DATE = 2446680.0

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45330.0	46680.0	0.577 12.61	256.4 7.59	-20.3 20.21	1.26 TWO	1.307 3.970	115.0 30.7	0.748 1.6	3.082 122.2	300.5	553.6	0.776	5.387	0.14	0.278	57.2	88.6	3.2	0.265
45340.0	46680.0	0.505 10.85	259.3 7.48	-19.8 18.33	1.35 TWO	1.308 3.970	110.5 30.7	0.729 1.6	3.095 121.6	310.7	553.6	0.839	5.351	-0.11	0.281	59.5	89.2	3.0	0.254
45350.0	46680.0	0.440 9.32	260.9 7.39	-18.9 16.72	1.51 TWO	1.308 3.970	106.1 30.7	0.713 1.6	3.107 121.0	320.9	553.6	0.892	5.322	-0.41	0.283	61.4	89.7	2.7	0.245
45360.0	46680.0	0.383 8.08	260.5 7.33	-17.7 15.40	1.78 TWO	1.308 3.970	101.9 30.7	0.700 1.6	3.117 120.5	331.0	553.6	0.934	5.299	-0.80	0.285	62.8	90.2	2.2	0.238
45370.0	46680.0	0.339 7.15	257.9 7.28	-14.3 14.43	2.25 TWO	1.307 3.970	97.7 30.7	0.691 1.6	3.124 120.1	341.1	553.5	0.964	5.283	-1.39	0.286	63.8	90.7	1.5	0.233
45380.0	46680.0	0.312 6.62	253.1 7.25	-9.1 13.88	3.18 TWO	1.306 3.970	93.6 30.7	0.686 1.6	3.127 119.7	351.2	553.4	0.983	5.272	-2.43	0.287	64.4	91.0	0.3	0.230
45390.0	46680.0	0.315 6.69	247.8 7.26	2.7 13.94	5.70 TWO	1.304 3.970	89.5 30.7	0.684 1.6	3.128 119.3	1.2	193.4	0.9900	5.266	-5.06	0.287	64.7	91.3	-2.6	0.231
45410.0	46680.0	0.375 7.89	216.8 7.32	-47.8 15.21	-8.71 ONE	1.300 3.970	81.4 30.7	0.690 1.6	3.118 118.7	21.2	193.2	0.9670	5.269	9.14	0.285	64.3	91.7	13.0	0.238
45420.0	46680.0	0.384 8.08	222.6 7.31	-30.0 15.39	-3.93 ONE	1.297 3.970	77.3 30.7	0.698 1.6	3.107 119.4	31.0	193.1	0.9390	5.276	4.25	0.283	63.7	91.3	7.6	0.236
45430.0	46680.0	0.433 9.16	224.0 7.36	-24.5 16.52	-2.59 ONE	1.295 3.970	73.3 30.7	0.709 1.6	3.093 119.6	40.7	193.0	0.9000	5.286	2.80	0.281	62.7	91.1	6.0	0.241
45440.0	46680.0	0.492 10.55	226.1 7.42	-22.4 17.97	-1.98 ONE	1.292 3.970	69.1 30.7	0.723 1.6	3.075 119.8	50.3	192.8	0.8510	5.299	2.07	0.277	61.4	91.0	5.1	0.248
45450.0	46680.0	0.558 12.15	229.2 7.51	-21.7 19.66	-1.64 ONE	1.289 3.970	65.0 30.7	0.740 1.6	3.054 119.9	59.8	192.6	0.7930	5.315	1.62	0.273	59.8	90.9	4.6	0.256
45460.0	46680.0	0.628 13.91	233.2 7.61	-21.8 21.52	-1.43 ONE	1.286 3.970	60.8 30.7	0.760 1.6	3.030 119.9	69.2	192.2	0.7280	5.333	1.29	0.268	58.0	90.8	4.2	0.266

ARRIVAL DATE = 2446700.0

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45330.0	46700.0	0.588 12.90	257.4 7.64	-20.4 20.54	1.26 TWO	1.308 4.006	115.7 32.6	0.752 1.7	3.093 123.3	299.1	554.0	0.767	5.419	0.14	0.281	56.1	89.3	3.2	0.270
45340.0	46700.0	0.515 11.09	260.4 7.52	-20.0 18.62	1.35 TWO	1.308 4.006	111.1 32.6	0.732 1.7	3.106 122.7	309.4	554.1	0.831	5.381	-0.10	0.283	58.4	89.8	3.0	0.258
45350.0	46700.0	0.449 9.53	262.2 7.43	-19.1 16.96	1.50 TWO	1.309 4.006	106.7 32.6	0.716 1.7	3.118 122.2	319.6	554.1	0.886	5.350	-0.40	0.286	60.3	90.4	2.7	0.249
45360.0	46700.0	0.391 8.24	262.1 7.36	-17.5 15.60	1.74 TWO	1.308 4.006	102.4 32.6	0.703 1.7	3.127 121.7	329.8	554.1	0.929	5.326	-0.78	0.287	61.7	90.8	2.3	0.242
45370.0	46700.0	0.345 7.27	259.7 7.31	-14.9 14.58	2.17 TWO	1.308 4.006	98.2 32.6	0.693 1.7	3.135 121.3	339.9	554.0	0.961	5.308	-1.32	0.289	62.8	91.2	1.6	0.237
45380.0	46700.0	0.315 6.67	255.0 7.28	-10.2 13.96	2.99 TWO	1.306 4.006	94.1 32.6	0.687 1.7	3.139 121.0	349.9	554.0	0.981	5.296	-2.26	0.289	63.5	91.6	0.6	0.233

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45390.0	46700.0	0.312	249.4	-0.3	5.03	1.305	90.0	0.685	3.140	359.9	553.9	0.990	5.290	-4.42	0.289	63.8	91.8	-1.9	0.233
		6.61	7.28	13.89	TWO	4.006	32.6	1.7	120.6										
45400.0	46700.0	0.457	248.8	36.4	17.23	1.303	86.0	0.686	3.137	9.8	193.9	0.986D	5.288	-16.72	0.289	63.8	93.1	-14.1	0.252
		9.71	7.47	17.18	TWO	4.006	32.6	1.7	118.0										
45410.0	46700.0	0.399	212.4	-55.7	-11.40	1.300	81.9	0.690	3.131	20.0	193.8	0.970D	5.291	11.80	0.288	63.5	92.5	15.5	0.244
		8.41	7.39	15.79	ONE	4.006	32.6	1.7	119.3										
45420.0	46700.0	0.380	223.6	-32.2	-4.41	1.298	77.8	0.698	3.121	29.7	193.7	0.944D	5.298	4.71	0.286	62.9	91.9	8.1	0.239
		8.01	7.34	15.34	ONE	4.006	32.6	1.7	120.6										
45430.0	46700.0	0.426	225.1	-25.6	-2.79	1.295	73.8	0.708	3.107	39.4	193.5	0.906D	5.308	2.98	0.284	61.9	91.8	6.1	0.243
		9.02	7.38	16.39	ONE	4.006	32.6	1.7	120.8										
45440.0	46700.0	0.485	227.1	-23.1	-2.09	1.292	69.7	0.722	3.090	49.1	193.4	0.858D	5.321	2.17	0.280	60.7	91.7	5.2	0.250
		10.37	7.44	17.81	ONE	4.006	32.6	1.7	120.9										
45450.0	46700.0	0.550	230.1	-22.2	-1.71	1.289	65.5	0.739	3.070	58.5	193.1	0.802D	5.337	1.67	0.277	59.2	91.6	4.6	0.258
		11.94	7.52	19.46	ONE	4.006	32.6	1.7	121.0										
45460.0	46700.0	0.619	234.0	-22.1	-1.48	1.286	61.3	0.758	3.046	67.9	192.7	0.737D	5.356	1.32	0.272	57.3	91.6	4.2	0.268
		13.68	7.63	21.31	ONE	4.006	32.6	1.7	121.0										
								ARRIVAL DATE = 2446720.0											
45330.0	46720.0	0.600	258.4	-20.5	1.27	1.308	116.4	0.756	3.104	297.7	554.4	0.757	5.451	0.14	0.283	54.9	90.1	3.2	0.274
		13.19	7.70	20.89	TWO	4.154	34.4	1.7	124.3										
45340.0	46720.0	0.525	261.6	-20.1	1.34	1.309	111.8	0.736	3.117	308.0	554.5	0.823	5.411	-0.10	0.286	57.3	90.6	3.0	0.263
		11.35	7.57	18.92	TWO	4.154	34.4	1.7	123.8										
45350.0	46720.0	0.458	263.5	-19.3	1.48	1.309	107.3	0.719	3.129	318.3	554.6	0.879	5.379	-0.39	0.288	59.2	91.1	2.7	0.253
		9.74	7.47	17.21	TWO	4.154	34.4	1.7	123.3										
45360.0	46720.0	0.399	263.6	-17.8	1.71	1.309	103.0	0.706	3.139	328.4	554.6	0.924	5.353	-0.75	0.290	60.7	91.5	2.3	0.245
		8.41	7.40	15.80	TWO	4.154	34.4	1.7	122.9										
45370.0	46720.0	0.350	261.5	-15.4	2.10	1.308	98.8	0.696	3.146	338.6	554.6	0.958	5.334	-1.27	0.291	61.8	91.9	1.7	0.240
		7.38	7.35	14.73	TWO	4.154	34.4	1.7	122.5										
45380.0	46720.0	0.318	257.0	-11.2	2.82	1.307	94.6	0.689	3.150	348.6	554.5	0.980	5.321	-2.11	0.292	62.6	92.2	0.8	0.237
		6.74	7.31	14.05	TWO	4.154	34.4	1.7	122.2										
45390.0	46720.0	0.310	251.2	-2.8	4.52	1.305	90.6	0.686	3.152	358.6	554.5	0.990	5.314	-3.92	0.292	62.9	92.4	-1.3	0.236
		6.58	7.30	13.88	TWO	4.154	34.4	1.7	121.9										
45400.0	46720.0	0.385	248.4	23.8	12.12	1.303	86.5	0.686	3.149	8.5	194.4	0.988D	5.311	-11.63	0.292	63.0	93.1	-9.3	0.245
		8.12	7.39	15.51	TWO	4.154	34.4	1.7	120.5										
45410.0	46720.0	0.457	197.9	-66.0	-16.24	1.301	82.4	0.690	3.144	18.8	194.3	0.973D	5.314	16.62	0.291	62.7	93.9	19.8	0.256
		9.72	7.51	17.23	ONE	4.154	34.4	1.7	119.2										
45420.0	46720.0	0.378	224.4	-34.8	-5.02	1.298	78.4	0.697	3.134	28.4	194.2	0.948D	5.320	5.30	0.289	62.1	92.6	8.7	0.242
		7.95	7.36	15.32	ONE	4.154	34.4	1.7	121.6										
45430.0	46720.0	0.420	226.2	-26.8	-3.02	1.296	74.3	0.708	3.121	38.1	194.1	0.912D	5.331	3.19	0.287	61.2	92.5	6.3	0.246
		8.88	7.40	16.27	ONE	4.154	34.4	1.7	121.9										
45440.0	46720.0	0.477	228.1	-23.8	-2.21	1.293	70.2	0.721	3.105	47.8	193.9	0.866D	5.344	2.27	0.284	60.0	92.4	5.3	0.252
		10.19	7.46	17.65	ONE	4.154	34.4	1.7	122.0										
45450.0	46720.0	0.541	231.1	-22.7	-1.79	1.290	66.1	0.737	3.085	57.2	193.6	0.810D	5.360	1.72	0.280	58.5	92.4	4.6	0.260
		11.73	7.54	19.27	ONE	4.154	34.4	1.7	122.1										
45460.0	46720.0	0.610	234.8	-22.5	-1.54	1.287	61.9	0.756	3.063	66.6	193.2	0.747D	5.378	1.35	0.276	56.7	92.4	4.2	0.269
		13.45	7.64	21.09	ONE	4.154	34.4	1.7	122.0										
								ARRIVAL DATE = 2446740.0											
45330.0	46740.0	0.612	259.4	-20.7	1.27	1.309	117.1	0.760	3.116	296.2	554.7	0.746	5.485	0.14	0.286	53.8	91.0	3.2	0.279
		13.50	7.75	21.25	TWO	4.392	36.2	1.8	125.2										
45340.0	46740.0	0.536	262.7	-20.2	1.34	1.309	112.4	0.740	3.129	306.6	554.9	0.814	5.443	-0.10	0.288	56.2	91.4	3.0	0.267
		11.61	7.62	19.23	TWO	4.392	36.2	1.8	124.8										
45350.0	46740.0	0.468	264.8	-19.4	1.47	1.310	107.9	0.722	3.140	316.9	555.0	0.872	5.409	-0.38	0.290	58.2	91.8	2.7	0.257
		9.97	7.51	17.48	TWO	4.392	36.2	1.8	124.4										
45360.0	46740.0	0.407	265.1	-18.1	1.68	1.309	103.6	0.708	3.150	327.1	555.1	0.919	5.381	-0.73	0.292	59.8	92.2	2.3	0.249
		8.58	7.44	16.02	TWO	4.392	36.2	1.8	124.0										
45370.0	46740.0	0.357	263.3	-15.9	2.03	1.308	99.3	0.698	3.158	337.3	555.1	0.954	5.361	-1.21	0.293	60.9	92.6	1.8	0.244
		7.51	7.38	14.89	TWO	4.392	36.2	1.8	123.6										
45380.0	46740.0	0.321	259.0	-12.1	2.68	1.307	95.2	0.691	3.162	347.3	555.1	0.978	5.347	-1.98	0.294	61.7	92.9	0.9	0.240
		6.81	7.34	14.15	TWO	4.392	36.2	1.8	123.3										
45390.0	46740.0	0.309	253.2	-4.8	4.11	1.306	91.1	0.687	3.164	357.4	555.0	0.989	5.339	-3.53	0.294	62.1	93.1	-0.8	0.239
		6.56	7.33	13.89	TWO	4.392	36.2	1.8	123.1										
45400.0	46740.0	0.353	248.9	15.4	9.37	1.304	87.0	0.687	3.162	7.3	194.9	0.989D	5.335	-8.90	0.294	62.2	93.5	-6.5	0.243
		7.43	7.38	14.81	TWO	4.392	36.2	1.8	122.2										
45410.0	46740.0	0.626	143.5	-71.7	-27.29	1.301	82.8	0.691	3.157	17.6	194.9	0.976D	5.338	27.66	0.293	61.9	96.8	27.5	0.290
		13.87	7.87	21.75	ONE	4.392	36.2	1.8	116.7										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45420.0	46740.0	0.377 7.93	225.0 7.39	-38.0 15.33	-5.81 ONE	1.299 4.392	78.9 36.2	0.697 1.8	3.148 122.6	27.2	194.8	0.9520	5.344	6.06	0.292	61.4	93.4	9.4	0.245
45430.0	46740.0	0.414 8.74	227.3 7.42	-28.1 16.16	-3.29 ONE	1.296 4.392	74.8 36.2	0.707 1.8	3.136 123.0	36.9	194.6	0.9180	5.354	3.44	0.290	60.5	93.2	6.6	0.248
45440.0	46740.0	0.469 10.01	229.2 7.48	-24.5 17.49	-2.35 ONE	1.293 4.392	70.8 36.2	0.720 1.8	3.120 123.0	46.4	194.4	0.8730	5.367	2.38	0.287	59.4	93.2	5.4	0.254
45450.0	46740.0	0.533 11.52	232.0 7.56	-23.2 19.08	-1.87 ONE	1.291 4.392	66.7 36.2	0.736 1.8	3.101 123.1	55.9	194.1	0.8190	5.383	1.78	0.283	57.9	93.2	4.7	0.262
45460.0	46740.0	0.600 13.21	235.7 7.66	-22.8 20.87	-1.59 ONE	1.288 4.392	62.5 36.2	0.754 1.8	3.079 123.0	65.2	193.7	0.7570	5.402	1.38	0.279	56.2	93.2	4.2	0.271
ARRIVAL DATE = 2446760.0																			
45330.0	46760.0	0.624 13.82	260.4 7.80	-20.8 21.62	1.28 TWO	1.309 4.686	117.8 38.0	0.765 1.9	3.127 126.1	294.7	555.1	0.736	5.519	0.14	0.288	52.7	91.9	3.2	0.284
45340.0	46760.0	0.548 11.89	263.8 7.67	-20.4 19.56	1.34 TWO	1.310 4.686	113.1 38.0	0.744 1.9	3.140 125.8	305.2	555.3	0.805	5.475	-0.10	0.291	55.2	92.3	3.0	0.272
45350.0	46760.0	0.477 10.20	266.1 7.56	-19.6 17.76	1.45 TWO	1.310 4.686	108.5 38.0	0.726 1.9	3.152 125.4	315.5	555.5	0.865	5.439	-0.37	0.293	57.2	92.7	2.7	0.261
45360.0	46760.0	0.415 8.77	266.6 7.48	-18.4 16.25	1.65 TWO	1.310 4.686	104.2 38.0	0.711 1.9	3.162 125.0	325.7	555.5	0.914	5.411	-0.71	0.294	58.8	93.0	2.4	0.253
45370.0	46760.0	0.363 7.65	265.1 7.42	-16.4 15.07	1.97 TWO	1.309 4.686	99.9 38.0	0.700 1.9	3.170 124.7	335.9	555.6	0.950	5.389	-1.17	0.296	60.0	93.3	1.9	0.247
45380.0	46760.0	0.326 6.89	261.1 7.38	-12.9 14.27	2.55 TWO	1.308 4.686	95.7 38.0	0.693 1.9	3.175 124.4	346.0	555.6	0.976	5.373	-1.87	0.297	60.8	93.6	1.1	0.243
45390.0	46760.0	0.309 6.56	255.2 7.36	-6.5 13.92	3.77 TWO	1.306 4.686	91.6 38.0	0.689 1.9	3.176 124.2	356.1	555.5	0.989	5.364	-3.21	0.297	61.3	93.8	-0.4	0.242
45400.0	46760.0	0.335 7.07	250.1 7.39	9.4 14.46	7.66 TWO	1.304 4.686	87.6 38.0	0.688 1.9	3.175 123.6	6.0	195.5	0.9900	5.360	-7.20	0.297	61.4	94.1	-4.6	0.244
45420.0	46760.0	0.379 7.97	225.2 7.43	-41.9 15.40	-6.85 ONE	1.299 4.686	79.4 38.0	0.697 1.9	3.162 123.5	25.9	195.3	0.9570	5.368	7.09	0.294	60.7	94.2	10.4	0.248
45430.0	46760.0	0.408 8.62	228.5 7.44	-29.5 16.06	-3.60 ONE	1.297 4.686	75.4 38.0	0.707 1.9	3.150 124.0	35.5	195.1	0.9230	5.377	3.73	0.292	59.9	94.0	6.8	0.250
45440.0	46760.0	0.462 9.84	230.3 7.50	-25.3 17.34	-2.50 ONE	1.294 4.686	71.3 38.0	0.719 1.9	3.135 124.0	45.1	194.9	0.8800	5.391	2.51	0.290	58.8	94.0	5.5	0.256
45450.0	46760.0	0.526 11.32	233.0 7.58	-23.7 18.89	-1.96 ONE	1.291 4.686	67.2 38.0	0.735 1.9	3.117 124.1	54.6	194.6	0.8270	5.407	1.85	0.287	57.4	94.0	4.8	0.263
45460.0	46760.0	0.591 12.98	236.6 7.68	-23.2 20.66	-1.65 ONE	1.288 4.686	63.1 38.0	0.753 1.9	3.096 124.0	63.9	194.2	0.7660	5.425	1.42	0.283	55.7	94.1	4.3	0.273
ARRIVAL DATE = 2446780.0																			
45330.0	46780.0	0.637 14.15	261.4 7.96	-20.9 22.01	1.28 TWO	1.310 5.000	118.5 39.8	0.769 2.0	3.140 127.0	293.2	555.4	0.724	5.555	0.14	0.291	51.7	92.9	3.2	0.289
45340.0	46780.0	0.559 12.18	264.9 7.72	-20.5 19.89	1.33 TWO	1.310 5.000	113.7 39.8	0.747 2.0	3.152 126.7	303.7	555.7	0.796	5.509	-0.10	0.293	54.2	93.2	3.0	0.276
45350.0	46780.0	0.488 10.44	267.3 7.60	-19.8 18.04	1.44 TWO	1.310 5.000	109.2 39.8	0.729 2.0	3.164 126.3	314.1	555.9	0.857	5.471	-0.37	0.295	56.3	93.5	2.7	0.266
45360.0	46780.0	0.424 8.97	268.1 7.52	-18.6 16.48	1.62 TWO	1.310 5.000	104.8 39.8	0.714 2.0	3.174 126.0	324.4	556.0	0.908	5.440	-0.69	0.297	57.9	93.9	2.4	0.257
45370.0	46780.0	0.370 7.80	266.8 7.45	-16.7 15.25	1.91 TWO	1.309 5.000	100.5 39.8	0.703 2.0	3.182 125.7	334.6	556.0	0.946	5.417	-1.12	0.298	59.1	94.1	1.9	0.251
45380.0	46780.0	0.330 6.98	263.1 7.41	-13.7 14.39	2.44 TWO	1.308 5.000	96.3 39.8	0.695 2.0	3.187 125.5	344.7	556.0	0.973	5.401	-1.77	0.299	60.0	94.4	1.2	0.247
45390.0	46780.0	0.310 6.58	257.4 7.39	-8.0 13.97	3.49 TWO	1.307 5.000	92.2 39.8	0.690 2.0	3.189 125.2	354.7	556.0	0.988	5.390	-2.94	0.299	60.5	94.6	-0.1	0.245
45400.0	46780.0	0.325 6.87	251.6 7.40	4.9 14.27	6.49 TWO	1.305 5.000	88.1 39.8	0.689 2.0	3.188 124.8	4.7	196.0	0.9910	5.386	-6.05	0.299	60.7	94.8	-3.4	0.246
45420.0	46780.0	0.385 8.12	224.6 7.47	-47.1 15.58	-8.33 ONE	1.300 5.000	79.9 39.8	0.698 2.0	3.176 124.3	24.6	195.8	0.9610	5.392	8.54	0.297	60.0	95.2	11.8	0.252
45430.0	46780.0	0.403 8.50	229.6 7.47	-31.2 15.97	-3.97 ONE	1.297 5.000	75.9 39.8	0.707 2.0	3.165 124.9	34.2	195.6	0.9290	5.401	4.08	0.295	59.3	94.9	7.2	0.253
45440.0	46780.0	0.455 9.67	231.4 7.52	-26.2 17.19	-2.66 ONE	1.295 5.000	71.9 39.8	0.719 2.0	3.151 125.0	43.8	195.4	0.8870	5.414	2.66	0.293	58.2	94.8	5.6	0.258
45450.0	46780.0	0.516 11.11	234.0 7.60	-24.2 18.71	-2.05 ONE	1.292 5.000	67.8 39.8	0.733 2.0	3.133 125.0	53.2	195.1	0.8350	5.431	1.92	0.290	56.8	94.9	4.8	0.265
45460.0	46780.0	0.582 12.75	237.5 7.69	-23.6 20.44	-1.71 ONE	1.289 5.000	63.7 39.8	0.751 2.0	3.112 124.9	62.6	194.7	0.7750	5.449	1.46	0.286	55.2	95.0	4.3	0.274

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2446800.0											
45330.0	46800.0	0.650	262.4	-21.0	1.28	1.310	119.2	0.774	3.152	291.7	555.7	0.713	5.591	0.13	0.293	50.6	94.0	3.2	0.295
		14.48	7.92	22.40	TWO	5.302	41.7	2.0	127.8										
45340.0	46800.0	0.571	266.0	-20.6	1.33	1.311	114.4	0.752	3.165	302.2	556.0	0.786	5.543	-0.10	0.295	53.2	94.2	3.0	0.281
		12.47	7.77	20.24	TWO	5.302	41.7	2.0	127.5										
45350.0	46800.0	0.498	268.6	-19.9	1.43	1.311	109.8	0.733	3.176	312.6	556.3	0.849	5.503	-0.36	0.297	55.3	94.5	2.7	0.270
		10.69	7.65	18.34	TWO	5.302	41.7	2.0	127.2										
45360.0	46800.0	0.433	269.6	-18.8	1.59	1.311	105.4	0.717	3.186	323.0	556.4	0.902	5.471	-0.68	0.299	57.0	94.8	2.4	0.261
		9.17	7.56	16.73	TWO	5.302	41.7	2.0	127.0										
45370.0	46800.0	0.378	268.6	-17.1	1.86	1.310	101.0	0.705	3.194	333.2	556.5	0.942	5.446	-1.08	0.300	58.3	95.0	2.0	0.255
		7.95	7.49	15.44	TWO	5.302	41.7	2.0	126.7										
45380.0	46800.0	0.335	265.2	-14.3	2.33	1.309	96.8	0.697	3.200	343.3	556.5	0.971	5.429	-1.68	0.301	59.2	95.2	1.3	0.250
		7.08	7.44	14.52	TWO	5.302	41.7	2.0	126.4										
45390.0	46800.0	0.312	259.5	-9.3	3.25	1.307	92.7	0.692	3.202	353.4	556.5	0.987	5.417	-2.72	0.302	59.7	95.4	0.2	0.248
		6.62	7.42	14.04	TWO	5.302	41.7	2.0	126.2										
45400.0	46800.0	0.318	253.4	1.4	5.64	1.305	88.6	0.690	3.202	3.3	196.5	0.9910	5.412	-5.22	0.302	59.9	95.6	-2.4	0.248
		6.74	7.42	14.17	TWO	5.302	41.7	2.0	125.9										
45410.0	46800.0	0.546	251.7	45.0	22.66	1.303	84.7	0.692	3.198	13.1	196.4	0.9840	5.411	-22.36	0.301	59.8	98.0	-17.6	0.281
		11.85	7.77	19.61	TWO	5.302	41.7	2.0	121.2										
45420.0	46800.0	0.402	222.1	-53.9	-10.56	1.301	80.5	0.698	3.191	23.2	196.3	0.9640	5.417	10.75	0.300	59.4	96.3	13.8	0.258
		8.48	7.52	16.00	ONE	5.302	41.7	2.0	124.8										
45430.0	46800.0	0.398	230.7	-33.2	-4.42	1.298	76.5	0.706	3.180	32.9	196.1	0.9340	5.426	4.51	0.298	58.7	95.8	7.6	0.255
		8.40	7.49	15.90	ONE	5.302	41.7	2.0	125.8										
45440.0	46800.0	0.447	232.6	-27.2	-2.85	1.295	72.4	0.718	3.166	42.4	195.9	0.8930	5.439	2.82	0.296	57.6	95.8	5.8	0.260
		9.50	7.54	17.04	ONE	5.302	41.7	2.0	125.9										
45450.0	46800.0	0.507	235.1	-24.8	-2.16	1.292	68.4	0.732	3.149	51.9	195.5	0.8430	5.455	2.01	0.293	56.3	95.8	4.9	0.267
		10.91	7.62	18.53	ONE	5.302	41.7	2.0	125.9										
45460.0	46800.0	0.573	238.5	-24.0	-1.77	1.290	64.2	0.749	3.129	61.2	195.1	0.7850	5.474	1.50	0.289	54.7	95.9	4.3	0.276
		12.52	7.71	20.23	ONE	5.302	41.7	2.0	125.8										
45470.0	46800.0	0.642	242.7	-23.8	-1.55	1.287	60.1	0.768	3.107	70.4	194.7	0.7190	5.494	1.14	0.285	52.8	96.1	4.0	0.286
		14.79	7.82	22.11	ONE	5.302	41.7	2.0	125.7										
								ARRIVAL DATE = 2446820.0											
45340.0	46820.0	0.583	267.1	-20.7	1.33	1.311	115.1	0.756	3.177	300.7	556.4	0.776	5.578	-0.10	0.298	52.3	95.2	3.0	0.286
		12.78	7.82	20.60	TWO	5.564	43.5	2.1	128.3										
45350.0	46820.0	0.509	269.9	-20.0	1.41	1.311	110.5	0.736	3.189	311.2	556.6	0.841	5.536	-0.36	0.300	54.4	95.5	2.7	0.274
		10.95	7.70	18.65	TWO	5.564	43.5	2.1	128.1										
45360.0	46820.0	0.443	271.1	-19.0	1.56	1.311	106.0	0.720	3.199	321.5	556.8	0.895	5.503	-0.66	0.301	56.2	95.7	2.4	0.265
		9.39	7.60	16.99	TWO	5.564	43.5	2.1	127.8										
45370.0	46820.0	0.385	270.4	-17.4	1.81	1.310	101.6	0.708	3.207	331.8	556.9	0.937	5.476	-1.05	0.303	57.5	95.9	2.0	0.258
		8.12	7.53	15.65	TWO	5.564	43.5	2.1	127.6										
45380.0	46820.0	0.341	267.2	-14.9	2.24	1.309	97.4	0.699	3.212	341.9	557.0	0.968	5.457	-1.61	0.304	58.4	96.1	1.4	0.253
		7.19	7.48	14.67	TWO	5.564	43.5	2.1	127.4										
45390.0	46820.0	0.314	261.8	-10.4	3.05	1.308	93.3	0.693	3.215	352.0	557.0	0.986	5.445	-2.53	0.304	59.0	96.3	0.4	0.251
		6.66	7.45	14.11	TWO	5.564	43.5	2.1	127.2										
45400.0	46820.0	0.314	255.4	-1.4	4.99	1.306	89.2	0.692	3.215	2.0	196.9	0.9920	5.439	-4.60	0.304	59.3	96.5	-1.7	0.251
		6.66	7.45	14.11	TWO	5.564	43.5	2.1	126.9										
45410.0	46820.0	0.426	252.0	29.1	14.75	1.304	85.2	0.693	3.212	11.8	196.8	0.9860	5.438	-14.46	0.303	59.2	97.5	-11.2	0.264
		9.00	7.59	16.59	TWO	5.564	43.5	2.1	124.7										
45420.0	46820.0	0.441	213.8	-63.3	-14.32	1.301	81.0	0.698	3.205	21.9	196.7	0.9680	5.442	14.49	0.302	58.8	97.7	17.1	0.267
		9.36	7.61	16.98	ONE	5.564	43.5	2.1	124.7										
45430.0	46820.0	0.395	231.8	-35.5	-4.98	1.298	77.0	0.706	3.195	31.5	196.6	0.9390	5.451	5.04	0.301	58.1	96.7	8.0	0.258
		8.32	7.52	15.84	ONE	5.564	43.5	2.1	126.7										
45440.0	46820.0	0.440	233.8	-28.2	-3.07	1.296	73.0	0.717	3.182	41.1	196.3	0.9000	5.464	3.02	0.299	57.1	96.7	5.9	0.262
		9.34	7.56	16.90	ONE	5.564	43.5	2.1	126.8										
45450.0	46820.0	0.499	236.2	-25.4	-2.27	1.293	68.9	0.731	3.165	50.5	196.0	0.8510	5.480	2.10	0.296	55.9	96.7	5.0	0.269
		10.71	7.64	18.35	ONE	5.564	43.5	2.1	126.8										
45460.0	46820.0	0.564	239.5	-24.4	-1.84	1.290	64.8	0.748	3.146	59.8	195.6	0.7940	5.498	1.55	0.293	54.3	96.9	4.4	0.277
		12.30	7.73	20.02	ONE	5.564	43.5	2.1	126.7										
45470.0	46820.0	0.633	243.6	-24.1	-1.59	1.288	60.7	0.766	3.124	69.0	195.1	0.7300	5.519	1.17	0.289	52.5	97.0	4.0	0.287
		14.04	7.84	21.88	ONE	5.564	43.5	2.1	126.5										
								ARRIVAL DATE = 2446840.0											
45340.0	46840.0	0.596	268.2	-20.8	1.32	1.312	115.8	0.760	3.190	299.2	556.7	0.766	5.614	-0.10	0.300	51.3	96.3	3.0	0.291
		13.09	7.88	20.97	TWO	5.767	45.3	2.2	129.1										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DLCL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45350.0	46840.0	0.520	271.1	-20.2	1.40	1.312	111.1	0.740	3.201	309.7	557.0	0.832	5.570	-0.35	0.302	53.5	96.5	2.7	0.279
		11.22	7.74	18.97	TWO	5.767	45.3	2.2	128.9										
45360.0	46840.0	0.452	272.6	-19.2	1.54	1.312	106.6	0.723	3.211	320.1	557.2	0.888	5.535	-0.65	0.304	55.3	96.7	2.4	0.269
		9.61	7.64	17.26	TWO	5.767	45.3	2.2	128.7										
45370.0	46840.0	0.394	272.1	-17.7	1.77	1.311	102.3	0.710	3.220	330.4	557.3	0.932	5.507	-1.02	0.305	56.7	96.9	2.1	0.262
		8.30	7.57	15.86	TWO	5.767	45.3	2.2	128.5										
45380.0	46840.0	0.347	269.2	-15.4	2.15	1.310	98.0	0.701	3.225	340.5	557.4	0.964	5.487	-1.54	0.306	57.7	97.1	1.5	0.257
		7.31	7.51	14.82	TWO	5.767	45.3	2.2	128.3										
45390.0	46840.0	0.317	264.0	-11.4	2.87	1.308	93.8	0.695	3.229	350.6	557.4	0.984	5.473	-2.37	0.306	58.3	97.2	0.6	0.254
		6.72	7.48	14.20	TWO	5.767	45.3	2.2	128.1										
45400.0	46840.0	0.312	257.5	-3.8	4.49	1.306	89.7	0.693	3.229	0.6	197.4	0.9920	5.466	-4.11	0.306	58.6	97.4	-1.2	0.253
		6.62	7.47	14.09	TWO	5.767	45.3	2.2	127.8										
45410.0	46840.0	0.376	252.9	18.8	10.91	1.304	85.7	0.694	3.226	10.5	197.3	0.9880	5.464	-10.65	0.306	58.6	98.0	-7.6	0.260
		7.91	7.55	15.46	TWO	5.767	45.3	2.2	126.6										
45420.0	46840.0	0.546	179.4	-73.2	-21.92	1.302	81.5	0.698	3.220	20.7	197.2	0.9710	5.469	22.07	0.305	58.2	100.1	22.9	0.287
		11.86	7.83	19.69	ONE	5.767	45.3	2.2	123.0										
45430.0	46840.0	0.392	232.7	-38.3	-5.69	1.299	77.6	0.706	3.210	30.2	197.0	0.9440	5.476	5.73	0.303	57.6	97.7	8.7	0.260
		8.27	7.55	15.82	ONE	5.767	45.3	2.2	127.5										
45440.0	46840.0	0.434	235.0	-29.4	-3.32	1.296	73.6	0.716	3.198	39.7	196.8	0.9070	5.489	3.24	0.301	56.6	97.7	6.1	0.264
		9.19	7.59	16.77	ONE	5.767	45.3	2.2	127.7										
45450.0	46840.0	0.491	237.3	-26.1	-2.39	1.294	69.5	0.730	3.182	49.1	196.5	0.8590	5.505	2.20	0.299	55.4	97.7	5.0	0.271
		10.52	7.66	18.17	ONE	5.767	45.3	2.2	127.6										
45460.0	46840.0	0.555	240.5	-24.8	-1.92	1.291	65.4	0.746	3.163	58.4	196.1	0.8030	5.523	1.60	0.296	53.9	97.9	4.4	0.279
		12.07	7.74	19.81	ONE	5.767	45.3	2.2	127.5										
45470.0	46840.0	0.623	244.5	-24.4	-1.64	1.288	61.3	0.765	3.142	67.6	195.5	0.7400	5.544	1.20	0.292	52.1	98.1	4.0	0.289
		13.79	7.85	21.64	ONE	5.767	45.3	2.2	127.3										

ARRIVAL DATE = 2446860.0

45340.0	46860.0	0.608	269.3	-20.9	1.32	1.312	116.6	0.764	3.203	297.6	556.9	0.755	5.651	-0.10	0.302	50.4	97.4	3.0	0.296
		13.42	7.93	21.35	TWO	5.898	47.2	2.2	129.8										
45350.0	46860.0	0.532	272.3	-20.3	1.39	1.312	111.8	0.744	3.214	308.2	557.3	0.823	5.605	-0.35	0.304	52.7	97.6	2.7	0.283
		11.51	7.79	19.30	TWO	5.898	47.2	2.2	129.6										
45360.0	46860.0	0.463	274.0	-19.3	1.51	1.312	107.3	0.727	3.224	318.6	557.5	0.881	5.568	-0.63	0.306	54.5	97.7	2.5	0.274
		9.85	7.69	17.54	TWO	5.898	47.2	2.2	129.5										
45370.0	46860.0	0.402	273.8	-17.9	1.72	1.311	102.9	0.713	3.233	328.9	557.7	0.927	5.538	-0.99	0.307	55.9	97.9	2.1	0.266
		8.48	7.61	16.09	TWO	5.898	47.2	2.2	129.3										
45380.0	46860.0	0.353	271.3	-15.8	2.08	1.310	98.6	0.703	3.239	339.1	557.8	0.961	5.517	-1.47	0.308	56.9	98.1	1.6	0.260
		7.44	7.55	14.99	TWO	5.898	47.2	2.2	129.1										
45390.0	46860.0	0.320	266.3	-12.3	2.71	1.309	94.4	0.697	3.242	349.2	557.8	0.983	5.502	-2.23	0.309	57.6	98.2	0.8	0.257
		6.79	7.51	14.30	TWO	5.898	47.2	2.2	128.9										
45400.0	46860.0	0.311	259.7	-5.7	4.07	1.307	90.3	0.694	3.243	359.2	557.8	0.992	5.494	-3.72	0.309	58.0	98.4	-0.8	0.256
		6.60	7.50	14.10	TWO	5.898	47.2	2.2	128.7										
45410.0	46860.0	0.350	254.3	11.6	8.66	1.305	86.3	0.695	3.240	9.1	197.8	0.9900	5.491	-8.42	0.308	58.0	98.7	-5.4	0.260
		7.38	7.54	14.93	TWO	5.898	47.2	2.2	127.9										
45430.0	46860.0	0.392	233.4	-41.8	-6.62	1.300	78.1	0.706	3.226	28.8	197.5	0.9490	5.502	6.64	0.306	57.0	98.8	9.5	0.263
		8.27	7.58	15.85	ONE	5.898	47.2	2.2	128.2										
45440.0	46860.0	0.427	236.3	-30.7	-3.60	1.297	74.1	0.716	3.214	38.3	197.2	0.9130	5.514	3.51	0.304	56.2	98.7	6.4	0.266
		9.04	7.61	16.65	ONE	5.898	47.2	2.2	128.5										
45450.0	46860.0	0.483	238.5	-26.8	-2.53	1.294	70.1	0.729	3.199	47.8	196.9	0.8670	5.530	2.32	0.302	55.0	98.7	5.1	0.272
		10.32	7.67	18.00	ONE	5.898	47.2	2.2	128.4										
45460.0	46860.0	0.546	241.5	-25.3	-1.99	1.292	66.0	0.745	3.180	57.1	196.5	0.8120	5.549	1.66	0.299	53.5	98.9	4.5	0.280
		11.65	7.76	19.41	ONE	5.898	47.2	2.2	128.3										
45470.0	46860.0	0.613	245.4	-24.7	-1.69	1.289	61.9	0.763	3.160	66.2	196.0	0.7500	5.570	1.23	0.295	51.8	99.1	4.0	0.290
		13.54	7.87	21.41	ONE	5.898	47.2	2.2	128.1										

ARRIVAL DATE = 2446880.0

45340.0	46880.0	0.622	270.4	-21.0	1.32	1.313	117.3	0.769	3.216	296.0	557.2	0.744	5.688	-0.10	0.305	49.5	98.6	3.0	0.300
		13.75	7.99	21.74	TWO	5.950	49.0	2.3	130.5										
45350.0	46880.0	0.544	273.6	-20.3	1.38	1.313	112.5	0.748	3.227	306.7	557.6	0.814	5.640	-0.34	0.306	51.8	98.7	2.7	0.288
		11.80	7.84	19.64	TWO	5.950	49.0	2.3	130.4										
45360.0	46880.0	0.473	275.4	-19.4	1.49	1.312	107.9	0.730	3.237	317.1	557.9	0.873	5.601	-0.62	0.308	53.7	98.8	2.5	0.278
		10.09	7.73	17.83	TWO	5.950	49.0	2.3	130.2										
45370.0	46880.0	0.411	275.5	-18.1	1.68	1.312	103.5	0.716	3.246	327.5	558.1	0.921	5.570	-0.96	0.309	55.1	98.9	2.1	0.270
		8.68	7.65	16.32	TWO	5.950	49.0	2.3	130.1										
45380.0	46880.0	0.360	273.3	-16.2	2.00	1.311	99.2	0.706	3.252	337.7	558.2	0.957	5.547	-1.42	0.310	56.2	99.1	1.6	0.264
		7.58	7.59	15.17	TWO	5.950	49.0	2.3	129.9										

1983
EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45390.0	46880.0	0.324 6.86	268.6 7.55	-13.1 14.41	2.57 TWO	1.309 5.950	95.0 49.0	0.699 2.3	3.256 129.8	347.8	558.2	0.981	5.531	-2.11	0.311	56.9	99.2	0.9	0.260
45400.0	46880.0	0.310 6.59	262.1 7.53	-7.3 14.12	3.73 TWO	1.307 5.950	90.9 49.0	0.695 2.3	3.257 129.6	357.8	558.2	0.992	5.522	-3.39	0.311	57.3	99.3	-0.4	0.259
45410.0	46880.0	0.335 7.08	256.0 7.56	6.4 14.64	7.18 TWO	1.305 5.950	86.8 49.0	0.696 2.3	3.255 129.0	7.7	198.2	0.991D	5.519	-6.96	0.311	57.4	99.6	-4.0	0.261
45430.0	46880.0	0.396 8.35	233.5 7.62	-46.3 15.96	-7.90 ONE	1.300 5.950	78.7 49.0	0.706 2.3	3.241 128.8	27.4	197.9	0.954D	5.529	7.89	0.309	56.6	99.9	10.6	0.267
45440.0	46880.0	0.421 8.90	237.6 7.63	-32.2 16.53	-3.94 ONE	1.298 5.950	74.7 49.0	0.715 2.3	3.230 129.2	37.0	197.7	0.919D	5.540	3.83	0.307	55.7	99.7	6.6	0.268
45450.0	46880.0	0.475 10.13	239.7 7.69	-27.6 17.83	-2.68 ONE	1.295 5.950	70.7 49.0	0.728 2.3	3.215 129.2	46.4	197.3	0.875D	5.556	2.45	0.305	54.6	99.8	5.2	0.274
45460.0	46880.0	0.537 11.63	242.6 7.78	-25.7 19.41	-2.08 ONE	1.292 5.950	66.6 49.0	0.743 2.3	3.198 129.1	55.7	196.9	0.821D	5.574	1.73	0.302	53.2	99.9	4.5	0.282
45470.0	46880.0	0.604 13.30	246.4 7.88	-25.0 21.18	-1.74 ONE	1.290 5.950	62.5 49.0	0.761 2.3	3.178 128.9	64.8	196.4	0.760D	5.595	1.26	0.298	51.5	100.2	4.0	0.291
ARRIVAL DATE = 2446900.0																			
45340.0	46900.0	0.635 14.10	271.5 8.05	-21.0 22.14	1.31 TWO	1.313 5.921	118.1 50.8	0.773 2.4	3.229 131.1	294.4	557.4	0.732	5.726	-0.09	0.307	48.6	99.8	2.9	0.305
45350.0	46900.0	0.556 12.10	274.8 7.90	-20.4 19.99	1.37 TWO	1.313 5.921	113.2 50.8	0.752 2.4	3.240 131.0	305.1	557.9	0.804	5.677	-0.34	0.309	51.0	99.8	2.7	0.292
45360.0	46900.0	0.484 10.35	276.8 7.78	-19.5 18.13	1.47 TWO	1.313 5.921	108.6 50.8	0.734 2.4	3.251 130.9	315.6	558.2	0.866	5.636	-0.61	0.310	52.9	99.9	2.5	0.282
45370.0	46900.0	0.420 8.88	277.1 7.69	-18.3 16.57	1.64 TWO	1.312 5.921	104.1 50.8	0.719 2.4	3.259 130.8	326.0	558.4	0.915	5.603	-0.94	0.311	54.4	100.0	2.2	0.274
45380.0	46900.0	0.367 7.73	275.3 7.62	-16.5 15.35	1.94 TWO	1.311 5.921	99.8 50.8	0.708 2.4	3.266 130.7	336.2	558.6	0.953	5.578	-1.37	0.312	55.5	100.1	1.7	0.268
45390.0	46900.0	0.329 6.95	270.8 7.58	-13.7 14.53	2.44 TWO	1.310 5.921	95.6 50.8	0.701 2.4	3.270 130.6	346.4	558.6	0.978	5.561	-2.00	0.313	56.3	100.3	1.0	0.263
45400.0	46900.0	0.311 6.61	264.4 7.56	-8.7 14.17	3.45 TWO	1.308 5.921	91.5 50.8	0.697 2.4	3.271 130.4	356.4	558.7	0.991	5.551	-3.13	0.313	56.7	100.4	-0.1	0.262
45410.0	46900.0	0.326 6.90	257.9 7.57	2.4 14.47	6.14 TWO	1.306 5.921	87.4 50.8	0.696 2.4	3.269 130.0	6.3	198.6	0.992D	5.547	-5.94	0.313	56.8	100.6	-2.9	0.263
45430.0	46900.0	0.407 8.59	232.5 7.66	-52.3 16.25	-9.77 ONE	1.301 5.921	79.3 50.8	0.706 2.4	3.257 129.1	26.0	198.3	0.958D	5.555	9.75	0.311	56.1	101.2	12.3	0.271
45440.0	46900.0	0.416 8.78	238.8 7.66	-33.9 16.43	-4.35 ONE	1.298 5.921	75.3 50.8	0.715 2.4	3.246 130.0	35.6	198.1	0.925D	5.567	4.21	0.309	55.3	100.8	7.0	0.271
45450.0	46900.0	0.467 9.95	240.9 7.71	-28.4 17.66	-2.85 ONE	1.296 5.921	71.3 50.8	0.727 2.4	3.232 130.0	45.0	197.8	0.882D	5.582	2.60	0.307	54.2	100.9	5.4	0.276
45460.0	46900.0	0.528 11.41	243.7 7.80	-26.2 19.21	-2.17 ONE	1.293 5.921	67.2 50.8	0.742 2.4	3.215 129.8	54.3	197.4	0.830D	5.600	1.80	0.305	52.8	101.0	4.6	0.284
45470.0	46900.0	0.594 13.06	247.4 7.90	-25.3 20.95	-1.80 ONE	1.291 5.921	63.1 50.8	0.759 2.4	3.196 129.6	63.4	196.8	0.770D	5.621	1.30	0.302	51.2	101.3	4.1	0.293
ARRIVAL DATE = 2446920.0																			
45340.0	46920.0	0.649 14.45	272.6 8.11	-21.1 22.56	1.31 TWO	1.314 5.814	118.8 52.6	0.778 2.4	3.242 131.7	292.8	557.6	0.720	5.765	-0.09	0.309	47.7	101.0	2.9	0.310
45350.0	46920.0	0.568 12.41	276.0 7.95	-20.5 20.36	1.35 TWO	1.314 5.814	114.0 52.6	0.756 2.4	3.254 131.7	303.5	558.1	0.794	5.713	-0.34	0.311	50.1	101.0	2.7	0.297
45360.0	46920.0	0.495 10.61	278.2 7.82	-19.6 18.44	1.45 TWO	1.313 5.814	109.3 52.6	0.737 2.4	3.264 131.6	314.1	558.5	0.857	5.671	-0.60	0.312	52.1	101.1	2.5	0.286
45370.0	46920.0	0.430 9.09	278.8 7.73	-18.4 16.82	1.61 TWO	1.313 5.814	104.8 52.6	0.722 2.4	3.273 131.5	324.5	558.8	0.909	5.636	-0.92	0.314	53.7	101.2	2.2	0.278
45380.0	46920.0	0.375 7.89	277.2 7.66	-16.8 15.55	1.87 TWO	1.312 5.814	100.4 52.6	0.711 2.4	3.279 131.4	334.8	558.9	0.948	5.610	-1.32	0.315	54.9	101.3	1.8	0.271
45390.0	46920.0	0.334 7.05	273.1 7.61	-14.3 14.67	2.33 TWO	1.310 5.814	96.2 52.6	0.703 2.4	3.284 131.3	344.9	559.0	0.976	5.591	-1.91	0.315	55.7	101.3	1.1	0.267
45400.0	46920.0	0.313 6.63	266.8 7.59	-9.9 14.23	3.20 TWO	1.308 5.814	92.1 52.6	0.698 2.4	3.285 131.2	355.0	559.1	0.991	5.580	-2.90	0.315	56.1	101.5	0.1	0.265
45410.0	46920.0	0.320 6.78	260.0 7.60	-0.7 14.38	5.36 TWO	1.306 5.814	88.0 52.6	0.698 2.4	3.284 130.8	4.9	199.0	0.993D	5.575	-5.18	0.315	56.3	101.6	-2.1	0.265
45420.0	46920.0	0.472 10.07	255.3 7.81	33.9 17.88	17.62 TWO	1.304 5.814	84.0 52.6	0.700 2.4	3.280 127.6	14.6	198.9	0.984D	5.575	-17.55	0.315	56.1	103.1	-13.1	0.285
45430.0	46920.0	0.434 9.19	228.2 7.73	-60.6 16.92	-12.79 ONE	1.301 5.814	79.8 52.6	0.706 2.4	3.273 129.1	24.7	198.8	0.963D	5.582	12.75	0.314	55.6	102.7	14.8	0.278

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45440.0	46920.0	0.411 8.67	240.1 7.68	-35.9 16.35	-4.85 ONE	1.299 5.814	75.9 52.6	0.715 2.4	3.262 130.7	34.1	198.5	0.9310	5.593	4.69	0.312	54.9	101.9	7.4	0.273
45450.0	46920.0	0.459 9.77	242.2 7.73	-29.3 17.51	-3.05 ONE	1.296 5.814	71.8 52.6	0.726 2.4	3.249 130.7	43.6	198.2	0.8900	5.608	2.78	0.310	53.8	102.0	5.5	0.278
45460.0	46920.0	0.519 11.19	244.8 7.81	-26.8 19.01	-2.27 ONE	1.294 5.814	67.8 52.6	0.741 2.4	3.232 130.6	52.8	197.8	0.8390	5.626	1.88	0.307	52.5	102.1	4.6	0.285
45470.0	46920.0	0.585 12.81	248.4 7.91	-25.7 20.73	-1.85 ONE	1.291 5.814	63.7 52.6	0.757 2.4	3.214 130.3	62.0	197.3	0.7800	5.647	1.34	0.305	50.9	102.4	4.1	0.294
ARRIVAL DATE = 2446940.0																			
45350.0	46940.0	0.581 12.73	277.2 8.00	-20.5 20.73	1.34 TWO	1.314 5.637	114.7 54.5	0.760 2.5	3.267 132.3	301.9	558.4	0.783	5.751	-0.33	0.313	49.3	102.3	2.7	0.302
45360.0	46940.0	0.506 10.89	279.6 7.87	-19.7 18.76	1.43 TWO	1.314 5.637	110.0 54.5	0.741 2.5	3.277 132.3	312.5	558.8	0.849	5.706	-0.59	0.314	51.3	102.3	2.5	0.290
45370.0	46940.0	0.440 9.32	280.4 7.77	-18.6 17.09	1.57 TWO	1.313 5.637	105.5 54.5	0.725 2.5	3.286 132.2	323.0	559.1	0.902	5.670	-0.90	0.316	53.0	102.3	2.2	0.281
45380.0	46940.0	0.383 8.06	279.1 7.70	-17.1 15.76	1.81 TWO	1.312 5.637	101.1 54.5	0.713 2.5	3.293 132.1	333.3	559.3	0.944	5.642	-1.28	0.317	54.2	102.4	1.8	0.275
45390.0	46940.0	0.339 7.16	275.4 7.65	-14.8 14.81	2.23 TWO	1.311 5.637	96.8 54.5	0.705 2.5	3.298 132.0	343.5	559.4	0.973	5.622	-1.82	0.317	55.1	102.5	1.2	0.270
45400.0	46940.0	0.315 6.67	269.3 7.62	-10.9 14.30	2.99 TWO	1.309 5.637	92.7 54.5	0.700 2.5	3.300 131.9	353.5	559.4	0.990	5.610	-2.71	0.318	55.6	102.6	0.3	0.267
45410.0	46940.0	0.316 6.71	262.3 7.62	-3.2 14.33	4.76 TWO	1.307 5.637	88.6 54.5	0.699 2.5	3.299 131.8	3.5	199.4	0.9940	5.604	-4.60	0.318	55.7	102.7	-1.5	0.267
45420.0	46940.0	0.400 8.44	257.0 7.72	21.5 16.16	12.40 TWO	1.304 5.637	84.6 54.5	0.701 2.5	3.295 130.0	13.2	199.3	0.9870	5.604	-12.35	0.317	55.6	103.4	-8.7	0.277
45430.0	46940.0	0.502 10.79	210.0 7.88	-71.5 18.67	-18.40 ONE	1.302 5.637	80.4 54.5	0.706 2.5	3.288 128.1	23.3	199.2	0.9670	5.610	18.34	0.316	55.2	104.8	19.2	0.291
45440.0	46940.0	0.407 8.59	241.3 7.71	-38.4 16.30	-5.48 ONE	1.299 5.637	76.4 54.5	0.714 2.5	3.278 131.3	32.7	198.9	0.9370	5.620	5.30	0.315	54.5	103.1	7.9	0.275
45450.0	46940.0	0.452 9.60	243.5 7.75	-30.3 17.35	-3.27 ONE	1.297 5.637	72.4 54.5	0.725 2.5	3.266 131.4	42.1	198.6	0.8970	5.635	2.98	0.313	53.5	103.1	5.7	0.280
45460.0	46940.0	0.510 10.98	246.0 7.83	-27.3 18.81	-2.38 ONE	1.294 5.637	68.4 54.5	0.739 2.5	3.250 131.3	51.4	198.2	0.8470	5.653	1.97	0.310	52.2	103.3	4.7	0.287
45470.0	46940.0	0.575 12.57	249.4 7.93	-26.0 20.50	-1.92 ONE	1.292 5.637	64.4 54.5	0.756 2.5	3.232 131.0	60.6	197.7	0.7900	5.673	1.39	0.307	50.7	103.5	4.1	0.295
45480.0	46940.0	0.644 14.32	253.7 8.04	-25.5 22.36	-1.64 ONE	1.290 5.637	60.3 54.5	0.774 2.5	3.211 130.7	69.6	197.0	0.7250	5.696	0.98	0.304	48.9	103.8	3.7	0.305
ARRIVAL DATE = 2446960.0																			
45350.0	46960.0	0.584 13.06	278.4 8.06	-23.6 21.12	1.33 TWO	1.315 5.401	115.5 56.3	0.765 2.6	3.281 132.9	300.3	558.6	0.773	5.789	-0.33	0.315	48.5	103.5	2.7	0.306
45360.0	46960.0	0.518 11.17	280.9 7.92	-19.7 19.09	1.41 TWO	1.314 5.401	110.7 56.3	0.745 2.6	3.291 132.9	311.0	559.1	0.840	5.742	-0.59	0.316	50.6	103.5	2.5	0.295
45370.0	46960.0	0.460 9.55	282.0 7.82	-18.7 17.37	1.54 TWO	1.314 5.401	106.1 56.3	0.729 2.6	3.300 132.9	321.4	559.4	0.895	5.705	-0.88	0.318	52.3	103.5	2.2	0.285
45380.0	46960.0	0.391 8.24	281.0 7.74	-17.3 15.98	1.76 TWO	1.313 5.401	101.7 56.3	0.716 2.6	3.307 132.8	331.8	559.6	0.939	5.675	-1.24	0.319	53.5	103.6	1.8	0.278
45390.0	46960.0	0.345 7.28	277.6 7.68	-15.2 14.97	2.13 TWO	1.311 5.401	97.4 56.3	0.707 2.6	3.312 132.7	342.0	559.7	0.970	5.654	-1.75	0.319	54.5	103.6	1.3	0.273
45400.0	46960.0	0.317 6.73	271.8 7.65	-11.8 14.38	2.80 TWO	1.309 5.401	93.3 56.3	0.702 2.6	3.314 132.6	352.1	559.8	0.988	5.640	-2.54	0.320	55.0	103.7	0.5	0.270
45410.0	46960.0	0.314 6.66	264.7 7.65	-5.2 14.31	4.28 TWO	1.307 5.401	89.2 56.3	0.700 2.6	3.314 132.4	2.0	199.8	0.9950	5.633	-4.14	0.320	55.2	103.8	-1.0	0.270
45420.0	46960.0	0.366 7.70	258.7 7.71	13.2 15.41	9.54 TWO	1.305 5.401	85.1 56.3	0.701 2.6	3.310 131.4	11.8	199.7	0.9890	5.632	-9.52	0.319	55.2	104.2	-6.1	0.275
45440.0	46960.0	0.405 8.55	242.4 7.73	-41.4 16.28	-6.29 ONE	1.300 5.401	77.0 56.3	0.714 2.6	3.295 131.9	31.3	199.3	0.9420	5.647	6.10	0.317	54.1	104.3	8.6	0.278
45450.0	46960.0	0.445 9.43	244.8 7.77	-31.5 17.21	-3.53 ONE	1.297 5.401	73.0 56.3	0.725 2.6	3.283 132.1	40.7	199.0	0.9040	5.661	3.22	0.315	53.1	104.3	5.9	0.282
45460.0	46960.0	0.502 10.77	247.2 7.85	-27.9 18.62	-2.50 ONE	1.295 5.401	69.0 56.3	0.738 2.6	3.267 131.9	50.0	198.6	0.8560	5.679	2.08	0.313	51.9	104.4	4.7	0.288
45470.0	46960.0	0.566 12.34	250.5 7.94	-26.4 20.28	-1.99 ONE	1.293 5.401	65.0 56.3	0.754 2.6	3.250 131.7	59.1	198.1	0.7990	5.700	1.44	0.310	50.4	104.7	4.1	0.297
45480.0	46960.0	0.633 14.06	254.7 8.06	-25.7 22.11	-1.69 ONE	1.290 5.401	60.9 56.3	0.772 2.6	3.229 131.4	68.1	197.5	0.7360	5.723	1.01	0.307	48.7	105.0	3.7	0.306

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
ARRIVAL DATE = 2446980.0																			
45350.0	46980.0	0.608	279.5	-20.6	1.32	1.315	116.2	0.769	3.295	298.7	558.8	0.761	5.828	-0.33	0.317	47.7	104.8	2.7	0.311
		13.40	8.11	21.51	TWO	5.122	58.2	2.6	133.4										
45360.0	46980.0	0.530	282.2	-19.8	1.39	1.315	111.4	0.749	3.305	309.4	559.3	0.830	5.779	-0.58	0.318	49.9	104.7	2.5	0.299
		11.46	7.97	19.44	TWO	5.122	58.2	2.6	133.5										
45370.0	46980.0	0.460	283.5	-18.7	1.51	1.314	106.8	0.732	3.314	319.9	559.7	0.888	5.740	-0.86	0.320	51.6	104.7	2.2	0.289
		9.80	7.86	17.66	TWO	5.122	58.2	2.6	133.5										
45380.0	46980.0	0.400	282.9	-17.4	1.71	1.313	102.4	0.719	3.321	330.3	559.9	0.933	5.709	-1.21	0.321	52.9	104.8	1.9	0.282
		8.43	7.78	16.21	TWO	5.122	58.2	2.6	133.4										
45390.0	46980.0	0.352	279.8	-15.6	2.04	1.312	98.1	0.710	3.326	340.5	560.1	0.966	5.686	-1.68	0.321	53.9	104.8	1.4	0.277
		7.42	7.72	15.14	TWO	5.122	58.2	2.6	133.4										
45400.0	46980.0	0.321	274.3	-12.6	2.64	1.310	93.9	0.704	3.329	350.6	560.2	0.987	5.671	-2.40	0.322	54.5	104.9	0.7	0.273
		6.79	7.68	14.48	TWO	5.122	58.2	2.6	133.3										
45410.0	46980.0	0.313	267.2	-7.0	3.88	1.308	89.8	0.701	3.329	0.6	200.2	0.9950	5.663	-3.76	0.322	54.7	105.0	-0.7	0.272
		6.63	7.67	14.31	TWO	5.122	58.2	2.6	133.1										
45420.0	46980.0	0.346	260.7	7.3	7.75	1.305	85.7	0.702	3.326	10.4	200.1	0.9910	5.661	-7.74	0.321	54.7	105.2	-4.4	0.276
		7.31	7.71	15.02	TWO	5.122	58.2	2.6	132.4										
45440.0	46980.0	0.406	243.2	-45.3	-7.40	1.301	77.6	0.714	3.311	29.9	199.7	0.9480	5.675	7.18	0.319	53.7	105.6	9.5	0.281
		8.57	7.77	16.34	ONE	5.122	58.2	2.6	132.4										
45450.0	46980.0	0.438	246.2	-32.8	-3.83	1.298	73.6	0.724	3.300	39.3	199.4	0.9110	5.688	3.50	0.318	52.8	105.5	6.1	0.284
		9.28	7.80	17.07	ONE	5.122	58.2	2.6	132.7										
45460.0	46980.0	0.493	248.5	-28.6	-2.64	1.296	69.6	0.737	3.285	48.6	199.0	0.8640	5.706	2.19	0.316	51.6	105.6	4.8	0.290
		10.57	7.87	18.44	ONE	5.122	58.2	2.6	132.6										
45470.0	46980.0	0.556	251.6	-26.8	-2.06	1.293	65.6	0.752	3.268	57.7	198.5	0.8090	5.727	1.49	0.313	50.2	105.9	4.2	0.298
		12.10	7.96	20.06	ONE	5.122	58.2	2.6	132.3										
45480.0	46980.0	0.623	255.7	-26.0	-1.73	1.291	61.5	0.770	3.248	66.7	197.9	0.7470	5.750	1.03	0.310	48.5	106.2	3.7	0.307
		13.80	8.07	21.87	ONE	5.122	58.2	2.6	132.0										
ARRIVAL DATE = 2447000.0																			
45350.0	47000.0	0.622	280.7	-20.6	1.31	1.316	117.0	0.773	3.309	297.0	559.0	0.749	5.868	-0.33	0.319	46.9	106.1	2.7	0.316
		13.75	8.17	21.92	TWO	4.819	60.0	2.7	133.9										
45360.0	47000.0	0.543	283.5	-19.8	1.37	1.315	112.2	0.753	3.319	307.7	559.5	0.821	5.817	-0.57	0.320	49.1	106.0	2.5	0.303
		11.77	8.02	19.79	TWO	4.819	60.0	2.7	134.0										
45370.0	47000.0	0.471	285.0	-18.8	1.47	1.315	107.5	0.736	3.328	318.3	559.9	0.880	5.775	-0.85	0.322	50.9	106.0	2.2	0.293
		10.05	7.91	17.96	TWO	4.819	60.0	2.7	134.0										
45380.0	47000.0	0.409	284.7	-17.5	1.66	1.314	103.1	0.722	3.335	328.7	560.2	0.927	5.743	-1.18	0.323	52.3	106.0	1.9	0.285
		8.63	7.82	16.45	TWO	4.819	60.0	2.7	134.0										
45390.0	47000.0	0.359	282.0	-15.9	1.96	1.312	98.7	0.712	3.340	339.0	560.4	0.962	5.719	-1.62	0.323	53.3	106.0	1.5	0.280
		7.56	7.76	15.31	TWO	4.819	60.0	2.7	134.0										
45400.0	47000.0	0.325	276.7	-13.2	2.49	1.310	94.5	0.705	3.343	349.1	560.5	0.985	5.702	-2.27	0.324	53.9	106.1	0.8	0.276
		6.87	7.72	14.59	TWO	4.819	60.0	2.7	133.9										
45410.0	47000.0	0.312	269.7	-8.4	3.56	1.308	90.4	0.703	3.344	359.1	560.5	0.995	5.693	-3.45	0.324	54.2	106.1	-0.4	0.275
		6.63	7.70	14.33	TWO	4.819	60.0	2.7	133.8										
45420.0	47000.0	0.335	262.8	2.9	6.51	1.306	86.3	0.703	3.341	8.9	200.5	0.9930	5.690	-6.52	0.324	54.3	106.3	-3.2	0.277
		7.07	7.73	14.79	TWO	4.819	60.0	2.7	133.3										
45440.0	47000.0	0.413	243.3	-50.5	-8.98	1.301	78.2	0.714	3.328	28.4	200.1	0.9530	5.703	8.74	0.322	53.4	106.9	10.9	0.284
		8.71	7.81	16.52	ONE	4.819	60.0	2.7	132.7										
45450.0	47000.0	0.431	247.6	-34.2	-4.19	1.299	74.2	0.723	3.317	37.8	199.8	0.9170	5.716	3.84	0.320	52.5	106.7	6.4	0.285
		9.13	7.82	16.95	ONE	4.819	60.0	2.7	133.3										
45460.0	47000.0	0.485	249.8	-29.2	-2.79	1.296	70.2	0.736	3.302	47.1	199.4	0.8720	5.733	2.32	0.318	51.4	106.8	4.9	0.291
		10.37	7.88	18.25	ONE	4.819	60.0	2.7	133.2										
45470.0	47000.0	0.547	252.8	-27.2	-2.14	1.294	66.2	0.751	3.286	56.3	198.9	0.8180	5.753	1.55	0.316	50.0	107.1	4.2	0.299
		11.87	7.97	19.84	ONE	4.819	60.0	2.7	133.0										
45480.0	47000.0	0.613	256.7	-26.2	-1.77	1.292	62.2	0.768	3.267	65.3	198.2	0.7570	5.776	1.06	0.313	48.3	107.4	3.7	0.308
		13.54	8.08	21.63	ONE	4.819	60.0	2.7	132.7										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
ARRIVAL DATE = 2446160.0																			
45730.0	46160.0	0.564	275.5	-31.0	-3.23	1.410	108.7	0.962	23.286	321.8	493.5	0.882	45.690A	4.41	0.590	154.2	145.9	3.7	0.583
		12.30	12.41	24.71	ONE	5.489	344.8	-0.8	19.0										
45740.0	46160.0	0.518	277.2	-27.2	-1.48	1.416	105.0	0.979	42.852	329.7	491.2	0.920	84.785A	2.62	0.606	154.2	147.0	2.8	0.595
		11.16	12.63	23.79	ONE	5.489	344.8	-0.8	17.9										
45750.0	46160.0	0.477	277.1	-26.2	-0.98	1.420	101.1	0.995	176.400	337.8	489.2	0.952	351.848A	2.08	0.621	154.3	147.9	2.6	0.606
		10.20	12.84	23.04	ONE	5.489	344.8	-0.8	17.0										
45760.0	46160.0	0.445	274.8	-25.8	-0.75	1.424	96.9	1.009	*******	346.3	487.6	0.977	NA	1.80	0.633	154.4	148.6	2.4	0.615
		9.45	13.03	22.48	ONE	5.489	344.8	-0.8	16.2										
45770.0	46160.0	0.426	270.1	-25.5	-0.62	1.427	92.4	1.022	-44.633	355.2	486.5	0.992	NA	1.63	0.643	154.5	149.1	2.3	0.624
		9.01	13.19	22.21	ONE	5.489	344.8	-0.8	15.7										
45780.0	46160.0	0.426	263.6	-25.2	-0.55	1.428	87.7	1.032	-30.974	4.5	125.9	0.995D	NA	1.50	0.651	154.7	149.4	2.2	0.631
		9.00	13.34	22.34	ONE	5.489	344.8	-0.8	15.4										
45790.0	46160.0	0.448	256.7	-24.5	-0.50	1.429	82.7	1.039	-25.478	14.4	125.9	0.983D	NA	1.40	0.656	155.0	149.4	2.2	0.638
		9.51	13.47	22.98	ONE	5.489	344.8	-0.8	15.4										
45800.0	46160.0	0.495	250.9	-23.7	-0.48	1.428	77.3	1.041	-23.039	24.9	126.5	0.954D	NA	1.31	0.659	155.5	149.2	2.1	0.644
		10.60	13.59	24.19	ONE	5.489	344.8	-0.8	15.6										
45810.0	46160.0	0.563	247.0	-22.9	-0.47	1.427	71.6	1.041	-22.182	36.0	127.8	0.907D	NA	1.23	0.660	156.3	148.7	2.1	0.650
		12.27	13.72	25.99	ONE	5.489	344.8	-0.8	16.1										
45820.0	46160.0	0.650	245.0	-22.4	-0.47	1.425	65.6	1.038	-22.293	47.8	129.9	0.839D	NA	1.15	0.660	157.2	148.0	2.1	0.657
		14.47	13.86	28.33	ONE	5.489	344.8	-0.8	16.8										
ARRIVAL DATE = 2446180.0																			
45710.0	46180.0	0.629	266.8	-19.2	2.13	1.382	114.8	0.901	8.065	307.5	501.2	0.801	15.330A	-0.87	0.517	152.2	143.3	1.4	0.519
		13.95	11.24	25.19	TWO	5.189	346.5	-0.7	23.2										
45720.0	46180.0	0.604	272.0	-5.8	8.15	1.389	111.4	0.912	9.567	315.0	498.6	0.846	18.287A	-6.93	0.536	152.3	144.4	-1.4	0.534
		13.30	11.49	24.80	TWO	5.189	346.5	-0.7	22.1										
45730.0	46180.0	0.543	274.9	-34.1	-4.37	1.394	107.8	0.923	11.599	322.8	496.1	0.889	22.310A	5.54	0.552	152.4	146.0	4.3	0.545
		11.77	11.70	23.47	ONE	5.189	346.5	-0.7	20.7										
45740.0	46180.0	0.493	276.1	-28.2	-1.75	1.399	104.1	0.936	14.409	330.7	493.9	0.926	27.892A	2.88	0.567	152.5	147.1	3.0	0.555
		10.57	11.88	22.45	ONE	5.189	346.5	-0.7	19.5										
45750.0	46180.0	0.453	275.6	-26.8	-1.12	1.403	100.2	0.948	18.362	339.0	492.1	0.956	35.768A	2.20	0.580	152.6	148.0	2.7	0.565
		9.63	12.06	21.69	ONE	5.189	346.5	-0.7	18.5										
45760.0	46180.0	0.422	272.8	-26.2	-0.84	1.406	96.1	0.959	23.974	347.6	490.6	0.979	46.968A	1.88	0.591	152.7	148.7	2.5	0.573
		8.93	12.22	21.14	ONE	5.189	346.5	-0.7	17.8										
45770.0	46180.0	0.405	267.7	-25.8	-0.69	1.408	91.7	0.969	31.807	356.6	489.6	0.992	62.621A	1.68	0.600	152.9	149.2	2.4	0.580
		8.55	12.35	20.90	ONE	5.189	346.5	-0.7	17.3										
45780.0	46180.0	0.407	260.9	-25.3	-0.60	1.409	87.0	0.976	41.958	6.0	129.1	0.993D	82.924A	1.53	0.606	153.1	149.5	2.3	0.587
		8.59	12.47	21.06	ONE	5.189	346.5	-0.7	17.1										
45790.0	46180.0	0.432	253.9	-24.4	-0.55	1.408	82.1	0.981	52.735	16.0	129.2	0.980D	104.490A	1.42	0.610	153.5	149.5	2.2	0.592
		9.15	12.58	21.73	ONE	5.189	346.5	-0.7	17.1										
45800.0	46180.0	0.481	248.4	-23.5	-0.52	1.407	76.8	0.984	59.725	26.6	129.9	0.949D	118.501A	1.32	0.612	154.0	149.2	2.2	0.597
		10.27	12.67	22.94	ONE	5.189	346.5	-0.7	17.3										
45810.0	46180.0	0.550	244.8	-22.7	-0.51	1.405	71.3	0.985	59.162	37.8	131.3	0.900D	117.423A	1.23	0.612	154.7	148.7	2.1	0.602
		11.94	12.77	24.71	ONE	5.189	346.5	-0.7	17.9										
45820.0	46180.0	0.636	243.3	-22.2	-0.51	1.402	65.4	0.984	52.762	49.7	133.5	0.831D	104.692A	1.15	0.610	155.7	147.8	2.1	0.608
		14.11	12.89	27.00	ONE	5.189	346.5	-0.7	18.7										
ARRIVAL DATE = 2446200.0																			
45710.0	46200.0	0.609	266.3	-19.2	2.03	1.370	114.1	0.874	6.407	308.1	503.6	0.808	12.007A	-0.77	0.486	150.2	143.2	1.5	0.487
		13.43	10.68	24.11	TWO	4.873	348.2	-0.6	25.0										
45720.0	46200.0	0.573	270.9	-10.1	5.89	1.376	110.7	0.881	7.196	315.8	501.0	0.853	13.539A	-4.68	0.503	150.4	144.6	-0.5	0.499
		12.51	10.89	23.40	TWO	4.873	348.2	-0.6	23.6										
45730.0	46200.0	0.529	274.7	-39.3	-6.30	1.381	107.1	0.890	8.131	323.6	498.7	0.895	15.367A	7.46	0.519	150.6	146.0	5.4	0.511
		11.44	11.09	22.53	ONE	4.873	348.2	-0.6	22.7										
45740.0	46200.0	0.472	275.0	-29.3	-2.08	1.385	103.4	0.899	9.219	331.7	496.6	0.931	17.507A	3.20	0.532	150.7	147.2	3.3	0.519
		10.07	11.23	21.31	ONE	4.873	348.2	-0.6	21.1										
45750.0	46200.0	0.432	274.2	-27.4	-1.27	1.388	99.5	0.908	10.445	340.1	494.9	0.960	19.930A	2.34	0.544	150.8	148.1	2.8	0.527
		9.16	11.38	20.54	ONE	4.873	348.2	-0.6	20.2										
45760.0	46200.0	0.403	270.9	-26.7	-0.94	1.390	95.4	0.916	11.753	348.8	493.5	0.982	22.525A	1.95	0.554	151.0	148.8	2.6	0.535
		8.49	11.51	20.01	ONE	4.873	348.2	-0.6	19.5										
45770.0	46200.0	0.387	265.3	-26.1	-0.76	1.392	91.0	0.924	13.030	357.9	492.6	0.993	25.066A	1.72	0.561	151.2	149.3	2.4	0.541
		8.16	11.63	19.79	ONE	4.873	348.2	-0.6	19.0										
45780.0	46200.0	0.392	258.3	-25.4	-0.66	1.392	86.4	0.930	14.102	7.4	132.2	0.992D	27.212A	1.56	0.567	151.4	149.5	2.3	0.546
		8.26	11.72	19.98	ONE	4.873	348.2	-0.6	18.8										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 C3IST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45790.0	46200.0	0.419 8.86	251.4 11.81	-24.3 20.67	-0.60 ONE	1.391 4.873	81.6 348.2	0.934 -0.6	14.785 18.8	17.5	132.4	0.977D	28.592A	1.44	0.569	151.8	149.5	2.3	0.551
45800.0	46200.0	0.469 10.01	246.1 11.89	-23.3 21.89	-0.56 ONE	1.389 4.873	76.4 348.2	0.937 -0.6	14.957 19.1	28.2	133.2	0.944D	28.969A	1.33	0.570	152.3	149.1	2.2	0.555
45810.0	46200.0	0.539 11.68	242.9 11.97	-22.5 23.64	-0.54 ONE	1.387 4.873	70.9 348.2	0.939 -0.6	14.632 19.7	39.4	134.7	0.894D	28.370A	1.24	0.569	153.0	148.5	2.2	0.560
45820.0	46200.0	0.624 13.82	241.7 12.06	-22.0 25.88	-0.54 ONE	1.383 4.873	65.2 348.2	0.941 -0.6	13.951 20.6	51.3	136.9	0.824D	27.077A	1.15	0.566	154.0	147.6	2.1	0.565
ARRIVAL DATE = 2446220.0																			
45700.0	46220.0	0.639 14.20	260.8 10.01	-20.8 24.21	1.26 TWO	1.354 4.570	116.8 349.9	0.847 -0.5	5.012 28.6	301.1	508.5	0.766	9.259A	0.05	0.439	147.9	141.3	1.9	0.446
45710.0	46220.0	0.591 12.98	265.9 10.19	-19.3 23.17	1.95 TWO	1.360 4.570	113.4 349.9	0.851 -0.5	5.448 26.8	308.7	505.9	0.814	10.083A	-0.70	0.457	148.2	143.1	1.5	0.457
45720.0	46220.0	0.550 11.95	270.2 10.36	-12.4 22.32	4.73 TWO	1.365 4.570	110.0 349.9	0.855 -0.5	5.938 25.4	316.5	503.5	0.859	11.017A	-3.53	0.473	148.4	144.6	-0.1	0.468
45730.0	46220.0	0.536 11.62	276.0 10.59	-49.3 22.21	-10.28 ONE	1.370 4.570	106.4 349.9	0.861 -0.5	6.478 25.1	324.5	501.2	0.900	12.056A	11.44	0.488	148.6	145.8	7.7	0.482
45740.0	46220.0	0.454 9.66	274.0 10.67	-30.8 20.32	-2.50 ONE	1.373 4.570	102.7 349.9	0.867 -0.5	7.055 22.9	332.6	499.3	0.935	13.174A	3.61	0.501	148.8	147.2	3.6	0.486
45750.0	46220.0	0.415 8.76	272.8 10.79	-28.2 19.55	-1.45 ONE	1.376 4.570	98.8 349.9	0.874 -0.5	7.644 21.9	341.1	497.6	0.964	14.325A	2.50	0.512	149.0	148.1	3.0	0.494
45760.0	46220.0	0.386 8.13	269.1 10.90	-27.2 19.03	-1.05 ONE	1.377 4.570	94.7 349.9	0.880 -0.5	8.207 21.2	349.9	496.4	0.984	15.430A	2.04	0.520	149.1	148.8	2.7	0.500
45770.0	46220.0	0.373 7.85	263.1 11.00	-26.4 18.84	-0.84 ONE	1.378 4.570	90.4 349.9	0.886 -0.5	8.691 20.7	359.1	495.6	0.993	16.388A	1.78	0.527	149.3	149.3	2.5	0.505
45780.0	46220.0	0.379 7.99	255.8 11.07	-25.4 19.07	-0.72 ONE	1.377 4.570	85.9 349.9	0.890 -0.5	9.040 20.5	8.7	135.3	0.991D	17.090A	1.60	0.531	149.6	149.4	2.4	0.510
45790.0	46220.0	0.409 8.64	249.0 11.14	-24.2 19.78	-0.65 ONE	1.376 4.570	81.1 349.9	0.894 -0.5	9.211 20.6	18.9	135.5	0.974D	17.449A	1.46	0.533	150.0	149.4	2.3	0.514
45800.0	46220.0	0.440 9.80	244.0 11.21	-23.1 21.01	-0.60 ONE	1.374 4.570	76.0 349.9	0.898 -0.5	9.187 21.0	29.6	136.4	0.960D	17.434A	1.34	0.533	150.5	149.0	2.3	0.518
45810.0	46220.0	0.530 11.46	241.2 11.27	-22.3 22.73	-0.58 ONE	1.371 4.570	70.7 349.9	0.901 -0.5	8.985 21.7	40.9	137.9	0.888D	17.083A	1.24	0.530	151.3	148.3	2.2	0.521
45820.0	46220.0	0.614 13.57	240.4 11.35	-21.9 24.92	-0.58 ONE	1.367 4.570	65.0 349.9	0.905 -0.5	8.656 22.6	52.8	140.0	0.818D	16.494A	1.14	0.526	152.3	147.3	2.2	0.526
ARRIVAL DATE = 2446240.0																			
45700.0	46240.0	0.625 13.89	260.5 9.61	-20.7 23.44	1.26 TWO	1.346 4.313	116.2 351.6	0.829 -0.4	4.516 30.7	301.6	510.7	0.771	8.262A	0.05	0.414	145.7	141.0	2.0	0.420
45710.0	46240.0	0.576 12.59	265.5 9.76	-19.3 22.35	1.89 TWO	1.352 4.313	112.9 351.6	0.830 -0.4	4.828 28.8	309.2	508.2	0.819	8.836A	-0.63	0.431	146.1	142.9	1.5	0.430
45720.0	46240.0	0.532 11.51	269.6 9.91	-13.7 21.42	4.03 TWO	1.356 4.313	109.4 351.6	0.833 -0.4	5.164 27.2	317.1	505.8	0.864	9.464A	-2.83	0.446	146.4	144.4	0.2	0.440
45740.0	46240.0	0.440 9.32	273.1 10.17	-32.7 19.49	-3.04 ONE	1.363 4.313	102.1 351.6	0.840 -0.4	5.876 24.8	333.4	501.8	0.939	10.812A	4.13	0.472	146.8	147.1	4.0	0.456
45750.0	46240.0	0.399 8.42	271.5 10.28	-29.1 18.70	-1.66 ONE	1.365 4.313	98.2 351.6	0.845 -0.4	6.221 23.7	342.0	500.3	0.966	11.475A	2.69	0.482	147.0	148.1	3.2	0.463
45760.0	46240.0	0.372 7.83	267.4 10.37	-27.7 18.20	-1.16 ONE	1.366 4.313	94.2 351.6	0.849 -0.4	6.529 23.0	350.9	499.1	0.985	12.073A	2.14	0.490	147.2	148.7	2.8	0.468
45770.0	46240.0	0.360 7.59	261.0 10.45	-26.7 18.03	-0.92 ONE	1.366 4.313	89.9 351.6	0.853 -0.4	6.775 22.6	0.2	138.4	0.993D	12.556A	1.84	0.495	147.4	149.2	2.6	0.473
45780.0	46240.0	0.369 7.77	253.6 10.51	-25.5 18.29	-0.78 ONE	1.365 4.313	85.4 351.6	0.857 -0.4	6.932 22.4	9.9	138.2	0.989D	12.876A	1.64	0.499	147.7	149.3	2.5	0.477
45790.0	46240.0	0.401 8.45	246.9 10.57	-24.1 19.02	-0.70 ONE	1.363 4.313	80.7 351.6	0.861 -0.4	6.987 22.5	20.1	138.5	0.971D	13.002A	1.48	0.500	148.1	149.2	2.4	0.480
45800.0	46240.0	0.453 9.63	242.2 10.62	-22.9 20.25	-0.65 ONE	1.361 4.313	75.7 351.6	0.865 -0.4	6.934 22.9	30.9	139.4	0.936D	12.932A	1.36	0.499	148.6	148.8	2.3	0.484
45810.0	46240.0	0.523 11.28	239.8 10.68	-22.1 21.96	-0.62 ONE	1.358 4.313	70.4 351.6	0.870 -0.4	6.787 23.7	42.2	140.9	0.883D	12.691A	1.25	0.496	149.4	148.0	2.3	0.487
45820.0	46240.0	0.606 13.36	239.3 10.74	-21.7 24.11	-0.61 ONE	1.354 4.313	64.9 351.6	0.876 -0.4	6.571 24.7	54.1	143.0	0.813D	12.329A	1.14	0.491	150.4	147.0	2.2	0.491
ARRIVAL DATE = 2446260.0																			
45700.0	46260.0	0.612 13.51	260.3 9.26	-20.7 22.76	1.26 TWO	1.339 4.135	115.8 353.4	0.814 -0.4	4.161 32.8	301.9	512.7	0.775	7.548A	0.05	0.391	143.4	140.6	2.0	0.397

1984
EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	T 1 LEG	V 1 COIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45710.0	46260.0	0.562	265.2	-19.3	1.83	1.344	112.4	0.813	4.397	309.7	510.3	0.824	7.970A	-0.58	0.408	143.8	142.5	1.5	0.406
		12.26	9.38	21.64	TWO	4.135	353.4	-0.4	30.9										
45720.0	46260.0	0.517	269.1	-14.6	3.56	1.348	108.9	0.813	4.643	317.6	508.1	0.869	8.418A	-2.37	0.422	144.2	144.2	0.4	0.414
		11.14	9.51	20.65	TWO	4.135	353.4	-0.4	29.2										
45740.0	46260.0	0.428	272.3	-35.2	-3.77	1.354	101.6	0.817	5.139	334.2	504.3	0.942	9.336A	4.85	0.446	144.7	146.9	4.6	0.429
		9.06	9.74	18.80	ONE	4.135	353.4	-0.4	26.7										
45750.0	46260.0	0.386	270.2	-30.0	-1.89	1.355	97.7	0.819	5.365	342.8	502.9	0.969	9.762A	2.91	0.455	145.0	147.9	3.4	0.435
		8.14	9.83	17.97	ONE	4.135	353.4	-0.4	25.6										
45760.0	46260.0	0.360	265.7	-28.3	-1.29	1.356	93.7	0.823	5.558	351.8	501.8	0.986	10.131A	2.25	0.462	145.2	148.6	3.0	0.440
		7.58	9.90	17.48	ONE	4.135	353.4	-0.4	24.9										
45770.0	46260.0	0.350	259.1	-27.0	-1.01	1.356	89.5	0.826	5.703	1.2	141.2	0.9930	10.412A	1.90	0.467	145.4	149.0	2.7	0.444
		7.37	9.97	17.34	ONE	4.135	353.4	-0.4	24.5										
45780.0	46260.0	0.361	251.6	-25.6	-0.94	1.355	85.0	0.829	5.785	11.0	141.0	0.9880	10.583A	1.68	0.470	145.7	149.1	2.6	0.447
		7.60	10.02	17.62	ONE	4.135	353.4	-0.4	24.3										
45790.0	46260.0	0.394	245.1	-24.0	-0.75	1.353	80.3	0.833	5.799	21.3	141.4	0.9880	10.629A	1.51	0.470	146.1	149.0	2.5	0.450
		8.30	10.07	18.37	ONE	4.135	353.4	-0.4	24.5										
45800.0	46260.0	0.447	240.7	-22.8	-0.69	1.350	75.4	0.838	5.743	32.1	142.3	0.9320	10.554A	1.37	0.468	146.6	148.5	2.4	0.453
		9.49	10.11	19.60	ONE	4.135	353.4	-0.4	25.0										
45810.0	46260.0	0.517	238.6	-22.0	-0.66	1.346	70.3	0.844	5.627	43.4	143.8	0.8790	10.375A	1.25	0.465	147.4	147.7	2.3	0.456
		11.13	10.16	21.29	ONE	4.135	353.4	-0.4	25.8										
45820.0	46260.0	0.599	238.4	-21.6	-0.65	1.343	64.8	0.852	5.466	55.1	145.9	0.8090	10.123A	1.14	0.459	148.3	146.6	2.3	0.459
		13.18	10.22	23.41	ONE	4.135	353.4	-0.4	26.9										

ARRIVAL DATE = 2446280.0

45700.0	46280.0	0.661	260.2	-20.6	1.26	1.333	115.4	0.800	3.897	302.2	514.8	0.779	7.015A	0.04	0.371	141.0	140.0	2.0	0.375
		13.24	8.95	22.18	TWO	4.062	355.1	-0.3	35.1										
45710.0	46280.0	0.551	264.9	-19.3	1.79	1.337	112.0	0.797	4.083	310.1	512.5	0.828	7.337A	-0.54	0.386	141.5	142.1	1.5	0.383
		11.97	9.06	21.03	TWO	4.062	355.1	-0.3	33.0										
45720.0	46280.0	0.504	268.7	-15.3	3.22	1.341	108.5	0.796	4.272	318.1	510.3	0.872	7.672A	-2.03	0.400	141.9	143.8	0.5	0.390
		10.83	9.16	19.99	TWO	4.062	355.1	-0.3	31.3										
45730.0	46280.0	0.585	276.1	21.7	18.57	1.344	104.9	0.796	4.460	326.2	508.4	0.911	8.009A	-17.44	0.412	142.3	143.5	-8.8	0.410
		12.83	9.45	22.28	TWO	4.062	355.1	-0.3	32.8										
45740.0	46280.0	0.629	271.7	-38.7	-4.81	1.346	101.1	0.796	4.639	334.8	506.7	0.945	8.333A	5.88	0.422	142.6	146.7	5.4	0.405
		8.89	9.47	18.26	ONE	4.062	355.1	-0.3	28.9										
45750.0	46280.0	0.375	269.1	-31.2	-2.18	1.347	97.3	0.798	4.799	343.6	505.3	0.971	8.627A	3.18	0.431	142.8	147.7	3.7	0.409
		7.91	9.43	17.34	ONE	4.062	355.1	-0.3	27.7										
45760.0	46280.0	0.349	264.2	-28.9	-1.44	1.347	93.3	0.800	4.930	352.6	504.4	0.987	8.873A	2.38	0.437	143.1	148.3	3.1	0.413
		7.37	9.50	16.86	ONE	4.062	355.1	-0.3	26.9										
45770.0	46280.0	0.341	257.3	-27.3	-1.10	1.347	89.1	0.802	5.023	2.1	143.8	0.9930	9.053A	1.98	0.442	143.3	148.7	2.8	0.417
		7.19	9.55	16.75	ONE	4.062	355.1	-0.3	26.5										
45780.0	46280.0	0.354	249.8	-25.6	-0.91	1.346	84.7	0.805	5.069	12.0	143.7	0.9860	9.152A	1.72	0.444	143.6	148.9	2.7	0.420
		7.45	9.60	17.05	ONE	4.062	355.1	-0.3	26.4										
45790.0	46280.0	0.388	243.5	-24.0	-0.80	1.343	80.0	0.809	5.066	22.3	144.1	0.9660	9.165A	1.54	0.443	144.0	148.6	2.5	0.422
		8.18	9.64	17.81	ONE	4.062	355.1	-0.3	26.6										
45800.0	46280.0	0.442	239.4	-22.7	-0.73	1.340	75.2	0.815	5.012	33.1	145.1	0.9290	9.096A	1.39	0.441	144.6	148.1	2.5	0.425
		9.37	9.67	19.04	ONE	4.062	355.1	-0.3	27.1										
45810.0	46280.0	0.511	237.6	-21.9	-0.70	1.337	70.1	0.822	4.916	44.3	146.5	0.8760	8.957A	1.26	0.437	145.3	147.2	2.4	0.427
		11.00	9.72	20.72	ONE	4.062	355.1	-0.3	28.0										
45820.0	46280.0	0.593	237.6	-21.5	-0.68	1.333	64.8	0.832	4.787	56.1	148.5	0.8050	8.768A	1.14	0.430	146.2	146.0	2.3	0.431
		13.02	9.77	22.79	ONE	4.062	355.1	-0.3	29.1										

ARRIVAL DATE = 2446300.0

45700.0	46300.0	0.592	260.0	-20.6	1.27	1.328	115.1	0.788	3.695	302.4	516.7	0.782	6.607A	0.04	0.352	138.5	139.4	2.0	0.355
		13.01	8.68	21.69	TWO	4.105	356.9	-0.2	37.5										
45710.0	46300.0	0.541	264.7	-19.4	1.75	1.332	111.6	0.784	3.845	310.4	514.5	0.831	6.859A	-0.50	0.367	139.1	141.6	1.6	0.362
		11.73	8.77	20.50	TWO	4.105	356.9	-0.2	35.3										
45720.0	46300.0	0.493	268.3	-15.8	2.96	1.335	108.1	0.781	3.996	318.5	512.5	0.876	7.117A	-1.78	0.380	139.6	143.4	0.6	0.369
		10.57	8.86	19.43	TWO	4.105	356.9	-0.2	33.5										
45730.0	46300.0	0.491	272.2	5.9	10.73	1.338	104.5	0.779	4.143	326.8	510.6	0.915	7.372A	-9.61	0.391	140.0	144.3	-4.6	0.379
		10.53	9.00	19.53	TWO	4.105	356.9	-0.2	32.9										
45740.0	46300.0	0.419	271.4	-44.0	-6.42	1.339	100.7	0.779	4.280	335.4	509.0	0.947	7.612A	7.47	0.401	140.3	146.2	6.7	0.383
		8.85	9.05	17.91	ONE	4.105	356.9	-0.2	31.2										
45750.0	46300.0	0.367	268.0	-32.6	-2.52	1.340	96.9	0.779	4.399	344.2	507.7	0.972	7.826A	3.51	0.409	140.6	147.3	4.0	0.385
		7.72	9.09	16.81	ONE	4.105	356.9	-0.2	29.8										
45760.0	46300.0	0.341	262.9	-29.6	-1.60	1.340	92.9	0.780	4.494	353.4	506.8	0.988	8.000A	2.52	0.415	140.9	148.0	3.3	0.389
		7.19	9.14	16.34	ONE	4.105	356.9	-0.2	29.0										

DEPART	ARRIVE	SPEED / OV1	R A / OV2	DECL / OVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45770.0	46300.0	0.334	255.7	-27.6	-1.20	1.339	88.7	0.782	4.557	2.9	146.3	0.9930	8.121A	2.06	0.418	141.2	148.4	3.0	0.392
		7.05	9.19	16.24	ONE	4.105	356.9	-0.2	28.6										
45780.0	46300.0	0.348	248.2	-25.8	-0.99	1.338	84.4	0.785	4.584	12.8	146.3	0.9850	8.183A	1.77	0.420	141.5	148.5	2.8	0.395
		7.33	9.23	16.56	ONE	4.105	356.9	-0.2	28.5										
45790.0	46300.0	0.383	242.1	-24.0	-0.86	1.335	79.8	0.789	4.572	23.1	146.7	0.9630	8.181A	1.57	0.419	141.9	148.2	2.6	0.397
		8.07	9.26	17.33	ONE	4.105	356.9	-0.2	28.7										
45800.0	46300.0	0.437	238.3	-22.6	-0.78	1.332	75.0	0.795	4.523	33.9	147.7	0.9260	8.119A	1.41	0.416	142.4	147.6	2.5	0.399
		9.27	9.29	18.56	ONE	4.105	356.9	-0.2	29.3										
45810.0	46300.0	0.506	236.7	-21.8	-0.74	1.329	70.0	0.803	4.440	45.2	149.1	0.8730	8.008A	1.27	0.411	143.0	146.7	2.5	0.402
		10.89	9.33	20.22	ONE	4.105	356.9	-0.2	30.2										
45820.0	46300.0	0.587	237.0	-21.5	-0.72	1.325	64.8	0.815	4.332	56.8	151.0	0.8030	7.861A	1.14	0.405	144.0	145.5	2.4	0.405
		12.88	9.38	22.26	ONE	4.105	356.9	-0.2	31.5										
ARRIVAL DATE = 2446320.0																			
45700.0	46320.0	0.585	259.9	-20.5	1.27	1.323	114.8	0.778	3.536	302.5	518.6	0.784	6.287A	0.04	0.335	135.9	138.7	2.1	0.338
		12.82	8.44	21.26	TWO	4.259	358.6	-0.1	40.0										
45710.0	46320.0	0.533	264.5	-19.4	1.71	1.327	111.3	0.772	3.661	310.6	516.5	0.834	6.488A	-0.47	0.349	136.5	140.9	1.6	0.343
		11.53	8.52	20.04	TWO	4.259	358.6	-0.1	37.7										
45720.0	46320.0	0.484	268.0	-16.2	2.76	1.330	107.8	0.768	3.785	318.8	514.5	0.878	6.692A	-1.59	0.362	137.1	142.8	0.7	0.349
		10.35	8.59	18.95	TWO	4.259	358.6	-0.1	35.8										
45730.0	46320.0	0.460	270.9	-1.3	7.72	1.332	104.2	0.765	3.904	327.2	512.8	0.917	6.890A	-6.61	0.373	137.6	144.1	-2.9	0.357
		9.78	8.69	18.48	TWO	4.259	358.6	-0.1	34.6										
45740.0	46320.0	0.431	271.9	-52.6	-9.21	1.333	100.4	0.763	4.012	335.9	511.3	0.949	7.074A	10.25	0.382	138.0	145.6	8.9	0.364
		9.13	8.80	17.93	ONE	4.259	358.6	-0.1	34.0										
45750.0	46320.0	0.359	267.1	-34.3	-2.94	1.334	96.6	0.763	4.104	344.8	510.1	0.974	7.235A	3.91	0.389	138.3	146.9	4.5	0.364
		7.57	8.79	16.36	ONE	4.259	358.6	-0.1	32.0										
45760.0	46320.0	0.334	261.7	-30.4	-1.78	1.334	92.6	0.763	4.176	354.0	509.2	0.988	7.363A	2.69	0.394	138.6	147.6	3.6	0.367
		7.05	8.84	15.88	ONE	4.259	358.6	-0.1	31.2										
45770.0	46320.0	0.328	254.4	-28.0	-1.31	1.333	88.5	0.765	4.221	3.6	148.8	0.9930	7.449A	2.15	0.398	138.9	148.0	3.1	0.370
		6.93	8.87	15.80	ONE	4.259	358.6	-0.1	30.8										
45780.0	46320.0	0.343	246.9	-25.9	-1.06	1.331	84.1	0.768	4.236	13.5	148.8	0.9840	7.488A	1.82	0.399	139.2	148.0	2.9	0.372
		7.23	8.90	16.13	ONE	4.259	358.6	-0.1	30.7										
45790.0	46320.0	0.379	240.9	-24.0	-0.92	1.329	79.6	0.772	4.221	23.9	149.2	0.9620	7.480A	1.60	0.398	139.6	147.7	2.7	0.374
		7.98	8.93	16.91	ONE	4.259	358.6	-0.1	31.0										
45800.0	46320.0	0.433	237.3	-22.6	-0.83	1.325	74.9	0.779	4.175	34.7	150.2	0.9240	7.426A	1.43	0.394	140.0	147.1	2.6	0.376
		9.18	8.96	18.14	ONE	4.259	358.6	-0.1	31.6										
45810.0	46320.0	0.502	236.0	-21.8	-0.78	1.322	70.0	0.788	4.102	45.8	151.5	0.8700	7.334A	1.28	0.389	140.7	146.1	2.5	0.379
		10.78	9.00	19.78	ONE	4.259	358.6	-0.1	32.6										
45820.0	46320.0	0.582	236.5	-21.5	-0.75	1.318	64.8	0.800	4.009	57.4	153.4	0.8010	7.217A	1.15	0.382	141.6	144.8	2.5	0.382
		12.75	9.04	21.79	ONE	4.259	358.6	-0.1	33.9										
ARRIVAL DATE = 2446340.0																			
45700.0	46340.0	0.579	259.9	-20.5	1.27	1.319	114.6	0.769	3.409	302.6	520.4	0.786	6.032A	0.04	0.320	133.1	137.8	2.1	0.321
		12.67	8.24	20.90	TWO	4.497	0.4	0.0	42.6										
45710.0	46340.0	0.526	264.4	-19.4	1.68	1.323	111.1	0.762	3.515	310.8	518.4	0.836	6.195A	-0.44	0.333	133.9	140.1	1.6	0.326
		11.36	8.30	19.66	TWO	4.497	0.4	0.0	40.2										
45720.0	46340.0	0.476	267.8	-16.5	2.60	1.325	107.5	0.757	3.619	319.1	516.5	0.880	6.359A	-1.43	0.345	134.6	142.1	0.8	0.331
		10.17	8.36	18.53	TWO	4.497	0.4	0.0	38.2										
45730.0	46340.0	0.443	270.3	-5.3	6.13	1.327	103.9	0.753	3.718	327.5	514.9	0.919	6.516A	-5.04	0.356	135.1	143.6	-1.9	0.337
		9.39	8.44	17.83	TWO	4.497	0.4	0.0	36.8										
45740.0	46340.0	0.489	277.6	-68.1	-15.25	1.328	100.1	0.750	3.806	336.4	513.4	0.951	6.661A	16.28	0.364	135.6	144.4	13.5	0.353
		10.47	8.65	19.12	ONE	4.497	0.4	0.0	38.1										
45750.0	46340.0	0.354	266.3	-36.5	-3.47	1.329	96.3	0.749	3.880	345.3	512.3	0.975	6.785A	4.43	0.371	135.9	146.4	5.0	0.345
		7.46	8.53	16.00	ONE	4.497	0.4	0.0	34.3										
45760.0	46340.0	0.328	260.6	-31.3	-1.99	1.328	92.3	0.749	3.935	354.5	511.5	0.989	6.882A	2.88	0.376	136.2	147.1	3.8	0.347
		6.93	8.57	15.50	ONE	4.497	0.4	0.0	33.5										
45770.0	46340.0	0.322	253.2	-28.5	-1.43	1.327	88.2	0.750	3.969	4.2	151.1	0.9920	6.945A	2.25	0.379	136.5	147.5	3.3	0.349
		6.82	8.60	15.42	ONE	4.497	0.4	0.0	33.1										
45780.0	46340.0	0.338	245.7	-26.1	-1.14	1.325	83.9	0.753	3.977	14.1	151.1	0.9830	6.971A	1.88	0.380	136.8	147.5	3.0	0.351
		7.14	8.62	15.77	ONE	4.497	0.4	0.0	33.0										
45790.0	46340.0	0.375	239.9	-24.0	-0.98	1.323	79.5	0.758	3.960	24.5	151.6	0.9600	6.959A	1.64	0.378	137.2	147.2	2.9	0.353
		7.90	8.65	16.55	ONE	4.497	0.4	0.0	33.3										
45800.0	46340.0	0.430	236.6	-22.6	-0.88	1.319	74.8	0.765	3.917	35.3	152.5	0.9220	6.912A	1.45	0.374	137.6	146.5	2.7	0.355
		9.09	8.68	17.77	ONE	4.497	0.4	0.0	34.0										
45810.0	46340.0	0.498	235.5	-21.7	-0.82	1.316	69.9	0.775	3.853	46.4	153.8	0.8690	6.837A	1.29	0.369	138.2	145.4	2.6	0.358
		10.68	8.71	19.39	ONE	4.497	0.4	0.0	35.0										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I L LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45820.0	46340.0	0.577 12.62	236.1 8.75	-21.5 21.37	-0.79 ONE	1.312 4.497	64.8 0.4	0.788 0.0	3.771 36.4	57.8	155.6	0.800D	6.741A	1.15	0.361	139.1	144.0	2.6	0.361
ARRIVAL DATE = 2446360.0																			
45700.0	46360.0	0.574 12.54	259.9 8.06	-20.5 20.60	1.27 TWO	1.316 4.789	114.5 2.1	0.762 0.1	3.307 45.4	302.6	522.2	0.787	5.826A	0.04	0.306	130.3	136.8	2.1	0.307
45710.0	46360.0	0.520 11.22	264.4 8.11	-19.4 19.33	1.65 TWO	1.319 4.789	110.9 2.1	0.754 0.1	3.398 42.9	310.9	520.3	0.837	5.960A	-0.42	0.319	131.2	139.3	1.7	0.311
45720.0	46360.0	0.470 10.02	267.7 8.16	-16.8 18.18	2.47 TWO	1.321 4.789	107.3 2.1	0.747 0.1	3.487 40.8	319.2	518.5	0.882	6.093A	-1.31	0.330	132.0	141.4	0.9	0.315
45730.0	46360.0	0.431 9.14	269.8 8.22	-7.9 17.35	5.15 TWO	1.323 4.789	103.7 2.1	0.742 0.1	3.571 39.2	327.8	516.9	0.920	6.221A	-4.07	0.340	132.6	142.9	-1.3	0.320
45750.0	46360.0	0.351 7.40	265.7 8.31	-39.2 15.71	-4.17 ONE	1.324 4.789	96.1 2.1	0.737 0.1	3.705 36.8	345.7	514.4	0.975	6.434A	5.11	0.355	133.5	145.7	5.8	0.327
45760.0	46360.0	0.323 6.84	259.7 8.33	-32.3 15.17	-2.24 ONE	1.324 4.789	92.1 2.1	0.736 0.1	3.749 35.9	355.0	513.7	0.989	6.509A	3.11	0.360	133.8	146.5	4.1	0.329
45770.0	46360.0	0.318 6.74	252.2 8.36	-29.0 15.09	-1.56 ONE	1.322 4.789	88.0 2.1	0.737 0.1	3.774 35.5	4.6	153.3	0.992D	6.557A	2.36	0.362	134.1	146.8	3.5	0.331
45780.0	46360.0	0.335 7.07	244.7 8.38	-26.3 15.45	-1.23 ONE	1.320 4.789	83.8 2.1	0.740 0.1	3.778 35.4	14.6	153.4	0.982D	6.574A	1.95	0.362	134.4	146.8	3.2	0.333
45790.0	46360.0	0.372 7.83	239.1 8.40	-24.1 16.23	-1.04 ONE	1.318 4.789	79.4 2.1	0.745 0.1	3.760 35.8	25.0	153.8	0.959D	6.562A	1.68	0.361	134.7	146.5	3.0	0.334
45800.0	46360.0	0.426 9.02	236.0 8.43	-22.6 17.44	-0.93 ONE	1.314 4.789	74.7 2.1	0.753 0.1	3.721 36.5	35.7	154.7	0.921D	6.521A	1.47	0.357	135.2	145.7	2.8	0.336
45810.0	46360.0	0.494 10.59	235.0 8.46	-21.8 19.05	-0.86 ONE	1.311 4.789	69.9 2.1	0.763 0.1	3.663 37.6	46.8	156.0	0.868D	6.458A	1.31	0.351	135.7	144.6	2.7	0.339
45820.0	46360.0	0.572 12.49	235.9 8.50	-21.5 21.00	-0.82 ONE	1.306 4.789	64.9 2.1	0.777 0.1	3.589 39.0	58.1	157.6	0.799D	6.379A	1.16	0.343	136.5	143.2	2.6	0.342
ARRIVAL DATE = 2446380.0																			
45700.0	46380.0	0.570 12.45	260.0 7.91	-20.4 20.36	1.28 TWO	1.313 5.097	114.4 3.9	0.756 0.2	3.223 48.2	302.5	523.9	0.788	5.658A	0.03	0.294	127.4	135.7	2.2	0.293
45710.0	46380.0	0.516 11.11	264.4 7.94	-19.5 19.06	1.63 TWO	1.316 5.097	110.8 3.9	0.746 0.2	3.303 45.6	310.9	522.0	0.838	5.769A	-0.40	0.306	128.4	138.3	1.7	0.297
45720.0	46380.0	0.465 9.90	267.6 7.98	-17.0 17.89	2.35 TWO	1.318 5.097	107.1 3.9	0.739 0.2	3.381 43.4	319.3	520.3	0.883	5.878A	-1.20	0.317	129.3	140.5	1.0	0.300
45730.0	46380.0	0.423 8.95	269.5 8.03	-9.7 16.98	4.49 TWO	1.319 5.097	103.5 3.9	0.733 0.2	3.452 41.7	328.0	518.8	0.922	5.983A	-3.41	0.327	129.9	142.2	-0.9	0.304
45750.0	46380.0	0.351 7.41	265.2 8.11	-42.9 15.52	-5.12 ONE	1.320 5.097	95.9 3.9	0.726 0.2	3.566 39.5	346.0	516.5	0.976	6.156A	6.05	0.341	130.9	144.9	6.8	0.311
45760.0	46380.0	0.319 6.76	259.0 8.13	-33.6 14.89	-2.52 ONE	1.319 5.097	92.0 3.9	0.725 0.2	3.602 38.4	355.3	515.8	0.989	6.215A	3.37	0.345	131.3	145.7	4.5	0.312
45770.0	46380.0	0.314 6.67	251.3 8.15	-29.6 14.81	-1.71 ONE	1.318 5.097	87.9 3.9	0.726 0.2	3.622 38.0	5.0	155.5	0.992D	6.252A	2.48	0.347	131.6	146.1	3.8	0.314
45780.0	46380.0	0.331 7.00	244.0 8.17	-26.6 15.17	-1.33 ONE	1.316 5.097	83.7 3.9	0.729 0.2	3.623 37.9	15.0	155.5	0.982D	6.264A	2.02	0.347	131.9	146.1	3.4	0.315
45790.0	46380.0	0.369 7.77	238.5 8.19	-24.3 15.95	-1.11 ONE	1.313 5.097	79.3 3.9	0.734 0.2	3.604 38.3	25.4	156.0	0.958D	6.251A	1.72	0.345	132.2	145.7	3.1	0.317
45800.0	46380.0	0.423 8.94	235.5 8.21	-22.7 17.15	-0.98 ONE	1.310 5.097	74.7 3.9	0.742 0.2	3.568 39.1	36.1	156.8	0.920D	6.216A	1.50	0.341	132.6	144.9	2.9	0.319
45810.0	46380.0	0.490 10.50	234.7 8.24	-21.8 18.74	-0.90 ONE	1.306 5.097	70.0 3.9	0.753 0.2	3.515 40.2	47.1	158.0	0.867D	6.163A	1.32	0.335	133.1	143.8	2.8	0.322
45820.0	46380.0	0.567 12.37	235.7 8.28	-21.5 20.66	-0.86 ONE	1.302 5.097	65.0 3.9	0.768 0.2	3.448 41.7	58.3	159.6	0.800D	6.097A	1.16	0.326	133.7	142.3	2.7	0.325
ARRIVAL DATE = 2446400.0																			
45700.0	46400.0	0.568 12.39	260.1 7.77	-20.4 20.16	1.28 TWO	1.310 5.393	114.3 5.6	0.750 0.3	3.154 51.2	302.4	525.5	0.788	5.520A	0.03	0.283	124.5	134.5	2.2	0.282
45710.0	46400.0	0.512 11.03	264.4 7.80	-19.5 18.83	1.61 TWO	1.313 5.393	110.7 5.6	0.740 0.3	3.226 48.5	310.8	523.7	0.839	5.612A	-0.38	0.295	125.6	137.2	1.8	0.284
45720.0	46400.0	0.461 9.81	267.6 7.83	-17.3 17.64	2.26 TWO	1.315 5.393	107.0 5.6	0.732 0.3	3.294 46.2	319.4	522.1	0.884	5.704A	-1.11	0.305	126.5	139.5	1.0	0.287
45730.0	46400.0	0.417 8.82	269.4 7.87	-11.1 16.68	4.01 TWO	1.316 5.393	103.4 5.6	0.725 0.3	3.356 44.4	328.1	520.7	0.922	5.790A	-2.94	0.315	127.3	141.3	-0.6	0.290
45740.0	46400.0	0.538 11.67	275.2 8.13	31.4 19.79	19.79 TWO	1.317 5.393	99.7 5.6	0.720 0.3	3.410 46.6	336.8	519.4	0.953	5.867A	-18.80	0.322	127.9	140.4	-13.3	0.312

1984
EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45750.0	46400.0	0.357	264.8	-48.0	-6.51	1.317	95.8	0.717	3.454	346.2	518.5	0.977	5.931A	7.42	0.328	128.3	144.1	8.2	0.297
		7.51	7.95	15.46	ONE	5.393	5.6	0.3	42.3										
45760.0	46400.0	0.317	258.4	-35.0	-2.86	1.316	91.8	0.716	3.484	355.6	517.8	0.990	5.979A	3.70	0.331	128.7	144.9	5.0	0.297
		6.71	7.95	14.66	ONE	5.393	5.6	0.3	41.0										
45770.0	46400.0	0.311	250.7	-30.3	-1.87	1.314	87.8	0.717	3.500	5.3	157.5	0.992D	6.008A	2.63	0.333	129.0	145.3	4.0	0.298
		6.61	7.96	14.57	ONE	5.393	5.6	0.3	40.6										
45780.0	46400.0	0.328	243.4	-27.0	-1.43	1.312	83.6	0.720	3.499	15.3	157.6	0.981D	6.016A	2.10	0.333	129.3	145.3	3.6	0.300
		6.94	7.98	14.92	ONE	5.393	5.6	0.3	40.5										
45790.0	46400.0	0.366	238.0	-24.5	-1.18	1.309	79.3	0.725	3.481	25.6	158.0	0.958D	6.004A	1.77	0.331	129.6	144.8	3.3	0.301
		7.71	8.00	15.71	ONE	5.393	5.6	0.3	40.9										
45800.0	46400.0	0.420	235.2	-22.8	-1.04	1.306	74.7	0.733	3.447	36.3	158.8	0.920D	5.974A	1.53	0.327	129.9	144.0	3.1	0.303
		8.87	8.02	16.90	ONE	5.393	5.6	0.3	41.7										
45810.0	46400.0	0.486	234.5	-21.9	-0.95	1.302	70.0	0.745	3.398	47.2	160.0	0.867D	5.929A	1.34	0.320	130.4	142.8	2.9	0.306
		10.41	8.05	18.46	ONE	5.393	5.6	0.3	42.9										
45820.0	46400.0	0.562	235.6	-21.6	-0.90	1.298	65.2	0.760	3.337	58.4	161.4	0.800D	5.874A	1.17	0.312	130.9	141.3	2.8	0.310
		12.26	8.10	20.35	ONE	5.393	5.6	0.3	44.5										
45830.0	46400.0	0.646	237.9	-21.7	-0.87	1.294	60.1	0.779	3.267	69.7	163.0	0.721D	5.813A	1.02	0.301	131.8	139.4	2.7	0.315
		14.37	8.16	22.53	ONE	5.393	5.6	0.3	46.3										

ARRIVAL DATE = 2446420.0

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45700.0	46420.0	0.566	260.3	-20.4	1.28	1.308	114.3	0.746	3.097	302.2	527.1	0.787	5.407A	0.03	0.273	121.4	133.2	2.3	0.271
		12.34	7.66	20.01	TWO	5.648	7.4	0.4	54.2										
45710.0	46420.0	0.510	264.5	-19.5	1.59	1.311	110.6	0.735	3.161	310.7	525.4	0.838	5.484A	-0.36	0.285	122.7	136.0	1.8	0.273
		10.97	7.68	18.65	TWO	5.648	7.4	0.4	51.5										
45720.0	46420.0	0.458	267.7	-17.5	2.18	1.312	107.0	0.726	3.222	319.3	523.8	0.884	5.560A	-1.04	0.295	123.7	138.3	1.1	0.275
		9.74	7.70	17.43	TWO	5.648	7.4	0.4	49.1										
45730.0	46420.0	0.413	269.3	-12.1	3.64	1.313	103.3	0.718	3.277	328.1	522.4	0.923	5.632A	-2.58	0.304	124.5	140.2	-0.4	0.277
		8.71	7.72	16.44	TWO	5.648	7.4	0.4	47.2										
45740.0	46420.0	0.437	271.3	15.2	12.14	1.314	99.6	0.713	3.325	337.0	521.3	0.954	5.696A	-11.17	0.311	125.2	140.9	-8.0	0.286
		9.25	7.83	17.08	TWO	5.648	7.4	0.4	47.0										
45750.0	46420.0	0.372	264.8	-55.6	-8.71	1.314	95.7	0.709	3.363	346.3	520.4	0.977	5.748A	9.60	0.316	125.7	143.0	10.5	0.286
		7.83	7.83	15.66	ONE	5.648	7.4	0.4	45.5										
45760.0	46420.0	0.315	257.9	-36.8	-3.28	1.313	91.8	0.708	3.388	355.7	519.8	0.990	5.787A	4.09	0.320	126.1	144.0	5.5	0.283
		6.68	7.79	14.47	ONE	5.648	7.4	0.4	43.8										
45770.0	46420.0	0.309	250.2	-31.1	-2.06	1.311	87.7	0.708	3.401	5.5	159.5	0.991D	5.810A	2.79	0.321	126.4	144.4	4.3	0.284
		6.56	7.81	14.36	ONE	5.648	7.4	0.4	43.3										
45780.0	46420.0	0.326	243.0	-27.4	-1.54	1.309	83.6	0.711	3.398	15.5	159.5	0.981D	5.816A	2.19	0.321	126.7	144.3	3.8	0.286
		6.89	7.82	14.71	ONE	5.648	7.4	0.4	43.3										
45790.0	46420.0	0.363	237.7	-24.7	-1.26	1.306	79.3	0.717	3.381	25.8	160.0	0.957D	5.805A	1.82	0.319	127.0	143.9	3.4	0.287
		7.65	7.84	15.49	ONE	5.648	7.4	0.4	43.7										
45800.0	46420.0	0.417	235.0	-22.9	-1.09	1.303	74.8	0.725	3.349	36.4	160.7	0.920D	5.779A	1.56	0.314	127.2	143.0	3.2	0.289
		8.80	7.86	16.66	ONE	5.648	7.4	0.4	44.5										
45810.0	46420.0	0.482	234.4	-22.0	-0.99	1.299	70.1	0.737	3.304	47.3	161.8	0.867D	5.741A	1.35	0.308	127.6	141.8	3.0	0.292
		10.31	7.89	18.21	ONE	5.648	7.4	0.4	45.7										
45820.0	46420.0	0.558	235.6	-21.7	-0.93	1.295	65.3	0.753	3.248	58.4	163.1	0.802D	5.695A	1.18	0.299	128.1	140.2	2.9	0.296
		12.14	7.93	20.07	ONE	5.648	7.4	0.4	47.3										
45830.0	46420.0	0.646	238.0	-21.8	-0.91	1.291	60.3	0.773	3.184	69.6	164.7	0.723D	5.644A	1.02	0.289	128.8	138.3	2.8	0.301
		14.22	8.00	22.22	ONE	5.648	7.4	0.4	49.2										

ARRIVAL DATE = 2446440.0

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45700.0	46440.0	0.565	260.5	-20.5	1.28	1.306	114.3	0.742	3.050	301.9	528.6	0.786	5.314A	0.03	0.264	118.3	131.9	2.3	0.262
		12.33	7.56	19.89	TWO	5.843	9.2	0.5	57.4										
45710.0	46440.0	0.509	264.7	-19.6	1.57	1.308	110.6	0.730	3.108	310.5	527.0	0.838	5.378A	-0.35	0.276	119.7	134.7	1.9	0.263
		10.94	7.57	18.51	TWO	5.843	9.2	0.5	54.5										
45720.0	46440.0	0.456	267.8	-17.6	2.10	1.310	106.9	0.721	3.163	319.2	525.5	0.884	5.441A	-0.97	0.286	120.8	137.1	1.2	0.264
		9.69	7.58	17.27	TWO	5.843	9.2	0.5	52.1										
45730.0	46440.0	0.409	269.4	-12.9	3.35	1.311	103.2	0.713	3.212	328.0	524.2	0.923	5.501A	-2.31	0.294	121.7	139.1	-0.2	0.266
		8.64	7.60	16.24	TWO	5.843	9.2	0.5	50.1										
45740.0	46440.0	0.401	270.2	6.4	8.88	1.311	99.5	0.707	3.254	337.0	523.0	0.954	5.555A	-7.92	0.301	122.5	140.2	-5.5	0.271
		8.47	7.66	16.13	TWO	5.843	9.2	0.5	49.1										
45750.0	46440.0	0.413	266.1	-67.5	-12.72	1.311	95.6	0.703	3.288	346.4	522.2	0.977	5.598A	13.60	0.306	123.0	141.6	14.3	0.280
		8.72	7.76	16.48	ONE	5.843	9.2	0.5	49.4										
45760.0	46440.0	0.314	257.5	-39.0	-3.79	1.310	91.7	0.701	3.310	355.8	521.6	0.990	5.630A	4.59	0.309	123.5	143.0	6.2	0.271
		6.67	7.66	14.33	ONE	5.843	9.2	0.5	46.6										
45770.0	46440.0	0.307	249.9	-32.0	-2.27	1.308	87.7	0.701	3.320	5.6	161.3	0.991D	5.649A	2.99	0.311	123.8	143.4	4.7	0.272
		6.52	7.67	14.19	ONE	5.843	9.2	0.5	46.1										

1984
EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45780.0	46440.0	0.323 6.84	242.7 7.68	-27.9 14.53	-1.66 ONE	1.306 5.843	83.6 9.2	0.704 0.5	3.317 46.1	15.6	161.4	0.981D	5.653A	2.29	0.310	124.0	143.3	4.0	0.273
45790.0	46440.0	0.360 7.59	237.5 7.70	-25.0 15.29	-1.34 ONE	1.303 5.843	79.3 9.2	0.710 0.5	3.300 46.5	25.9	161.8	0.957D	5.643A	1.88	0.308	124.2	142.9	3.6	0.275
45800.0	46440.0	0.413 8.73	234.9 7.72	-23.1 16.45	-1.15 ONE	1.300 5.843	74.9 9.2	0.719 0.5	3.270 47.3	36.4	162.5	0.920D	5.621A	1.59	0.303	124.5	142.0	3.3	0.277
45810.0	46440.0	0.479 10.22	234.4 7.75	-22.2 17.97	-1.04 ONE	1.297 5.843	70.3 9.2	0.731 0.5	3.229 48.6	47.2	163.5	0.886D	5.589A	1.37	0.297	124.7	140.7	3.1	0.280
45820.0	46440.0	0.553 12.02	235.7 7.80	-21.9 19.81	-0.97 ONE	1.293 5.843	65.5 9.2	0.747 0.5	3.177 50.2	58.2	164.8	0.803D	5.550A	1.19	0.288	125.1	139.1	3.0	0.284
45830.0	46440.0	0.634 14.07	238.2 7.86	-21.9 21.93	-0.94 ONE	1.288 5.843	60.6 9.2	0.767 0.5	3.117 52.1	69.3	166.2	0.726D	5.507A	1.03	0.277	125.7	137.2	2.9	0.289

ARRIVAL DATE = 2446460.0

45700.0	46460.0	0.565 12.33	260.8 7.48	-20.5 19.81	1.28 TWO	1.305 5.965	114.4 11.0	0.739 0.6	3.011 60.6	301.6	530.0	0.784	5.237A	0.03	0.257	115.2	130.5	2.4	0.254
45710.0	46460.0	0.508 10.92	264.9 7.48	-19.6 18.41	1.55 TWO	1.307 5.965	110.7 11.0	0.727 0.6	3.064 57.7	310.3	528.5	0.837	5.290A	-0.33	0.268	116.7	133.4	1.9	0.254
45720.0	46460.0	0.454 9.66	268.0 7.49	-17.8 17.14	2.04 TWO	1.308 5.965	107.0 11.0	0.716 0.6	3.113 55.1	319.0	527.1	0.883	5.343A	-0.91	0.277	117.9	135.9	1.3	0.254
45730.0	46460.0	0.407 8.59	269.5 7.50	-13.6 16.08	3.12 TWO	1.309 5.965	103.2 11.0	0.708 0.6	3.158 53.1	327.9	525.8	0.923	5.393A	-2.08	0.286	118.9	137.9	0.0	0.256
45740.0	46460.0	0.385 8.11	269.7 7.53	1.0 15.64	7.08 TWO	1.309 5.965	99.5 11.0	0.701 0.6	3.196 51.8	336.9	524.8	0.954	5.438A	-6.13	0.292	119.7	139.2	-4.0	0.259
45750.0	46460.0	0.547 11.89	314.1 7.88	-86.7 19.77	-22.21 ONE	1.309 5.965	95.6 11.0	0.697 0.6	3.226 55.5	346.5	523.9	0.977	5.474A	23.07	0.297	120.3	139.0	22.2	0.291
45760.0	46460.0	0.316 6.69	257.3 7.55	-41.8 14.24	-4.46 ONE	1.308 5.965	91.7 11.0	0.695 0.6	3.245 49.6	355.8	523.4	0.990	5.501A	5.24	0.300	120.8	141.8	7.1	0.261
45770.0	46460.0	0.305 6.49	249.7 7.55	-33.1 14.04	-2.51 ONE	1.306 5.965	87.7 11.0	0.695 0.6	3.254 49.0	5.6	163.1	0.991D	5.516A	3.21	0.301	121.1	142.3	5.1	0.261
45780.0	46460.0	0.321 6.80	242.6 7.56	-28.4 14.36	-1.79 ONE	1.304 5.965	83.6 11.0	0.698 0.6	3.250 49.0	15.6	163.2	0.981D	5.519A	2.40	0.301	121.3	142.2	4.2	0.262
45790.0	46460.0	0.358 7.54	237.5 7.58	-25.3 15.11	-1.43 ONE	1.301 5.965	79.4 11.0	0.704 0.6	3.234 49.4	25.9	163.6	0.958D	5.511A	1.94	0.298	121.5	141.7	3.8	0.263
45800.0	46460.0	0.410 8.66	234.9 7.60	-23.4 16.26	-1.22 ONE	1.298 5.965	75.0 11.0	0.713 0.6	3.206 50.3	36.4	164.2	0.921D	5.492A	1.63	0.294	121.7	140.8	3.5	0.265
45810.0	46460.0	0.475 10.13	234.5 7.63	-22.3 17.76	-1.09 ONE	1.294 5.965	70.4 11.0	0.725 0.6	3.167 51.5	47.1	165.2	0.87CD	5.464A	1.40	0.287	121.9	139.6	3.3	0.268
45820.0	46460.0	0.548 11.90	235.8 7.68	-22.0 19.57	-1.01 ONE	1.290 5.965	65.7 11.0	0.742 0.6	3.119 53.2	58.0	166.3	0.806D	5.431A	1.20	0.278	122.1	137.9	3.1	0.273
45830.0	46460.0	0.628 13.92	238.4 7.74	-22.0 21.66	-0.97 ONE	1.286 5.965	60.8 11.0	0.762 0.6	3.063 55.1	69.0	167.6	0.730D	5.396A	1.03	0.268	122.5	136.0	3.0	0.278

ARRIVAL DATE = 2446480.0

45700.0	46480.0	0.566 12.35	261.0 7.42	-20.5 19.77	1.28 TWO	1.303 6.006	114.5 12.7	0.737 0.7	2.978 63.8	301.2	531.4	0.782	5.174A	0.03	0.251	112.1	129.0	2.4	0.247
45710.0	46480.0	0.508 10.93	265.2 7.41	-19.7 18.33	1.53 TWO	1.305 6.006	110.8 12.7	0.724 0.7	3.027 60.9	309.9	530.0	0.836	5.218A	-0.32	0.261	113.7	131.9	2.0	0.246
45720.0	46480.0	0.454 9.64	268.2 7.40	-18.0 17.05	1.98 TWO	1.307 6.006	107.0 12.7	0.713 0.7	3.072 58.3	318.8	528.6	0.882	5.262A	-0.86	0.270	115.0	134.5	1.3	0.246
45730.0	46480.0	0.405 8.55	269.7 7.41	-14.2 15.96	2.93 TWO	1.307 6.006	103.3 12.7	0.704 0.7	3.113 56.1	327.7	527.4	0.922	5.304A	-1.90	0.278	116.1	136.6	0.2	0.247
45740.0	46480.0	0.376 7.92	269.7 7.43	-2.7 15.35	5.93 TWO	1.307 6.006	99.5 12.7	0.697 0.7	3.148 54.7	336.8	526.4	0.954	5.342A	-5.00	0.284	117.0	138.1	-3.0	0.249
45760.0	46480.0	0.319 6.76	257.1 7.46	-45.3 14.22	-5.33 ONE	1.306 6.006	91.7 12.7	0.690 0.7	3.192 52.7	355.7	525.1	0.990	5.394A	6.10	0.292	118.1	140.6	8.2	0.251
45770.0	46480.0	0.304 6.47	249.6 7.45	-34.3 13.92	-2.80 ONE	1.304 6.006	87.8 12.7	0.690 0.7	3.199 52.0	5.5	164.8	0.992D	5.407A	3.47	0.293	118.4	141.1	5.5	0.251
45780.0	46480.0	0.319 6.76	242.6 7.46	-29.1 14.22	-1.94 ONE	1.302 6.006	83.7 12.7	0.693 0.7	3.195 51.9	15.5	164.9	0.981D	5.409A	2.52	0.293	118.6	141.0	4.5	0.252
45790.0	46480.0	0.355 7.48	237.5 7.47	-25.7 14.96	-1.52 ONE	1.299 6.006	79.4 12.7	0.699 0.7	3.180 52.4	25.7	165.2	0.958D	5.402A	2.01	0.290	118.8	140.6	4.0	0.253
45800.0	46480.0	0.407 8.59	235.0 7.50	-23.6 16.08	-1.28 ONE	1.296 6.006	75.1 12.7	0.708 0.7	3.154 53.2	36.2	165.9	0.922D	5.386A	1.67	0.286	118.9	139.6	3.6	0.255
45810.0	46480.0	0.471 10.04	234.7 7.53	-22.5 17.56	-1.14 ONE	1.292 6.006	70.6 12.7	0.720 0.7	3.117 54.5	46.9	166.7	0.872D	5.362A	1.42	0.279	119.0	138.3	3.4	0.258

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EARTH-JUPITER

DEPART	ARRIVE	SPEED	R A	DECL	I 1	V 1	PSI 1	ECCEN	SMA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
		DV1	DV2	DVT	LEG	CDIST	RAS	DECLS	LAMDA										
45820.0	46440.0	0.543	236.0	-22.1	-1.05	1.288	65.9	0.737	3.072	57.7	167.8	0.808D	5.335A	1.22	0.270	119.1	136.7	3.2	0.263
		11.78	7.57	19.35	ONE	6.006	12.7	0.7	56.2										
45830.0	46440.0	0.622	238.6	-22.2	-1.00	1.284	61.1	0.757	3.019	68.6	169.0	0.734D	5.305A	1.04	0.260	119.4	134.8	3.1	0.269
		13.77	7.64	21.40	ONE	6.006	12.7	0.7	58.1										
ARRIVAL DATE = 2446500.0																			
45700.0	46500.0	0.568	261.4	-20.5	1.28	1.302	114.7	0.736	2.951	300.8	532.8	0.780	5.123A	0.03	0.245	108.9	127.5	2.5	0.242
		12.40	7.36	19.76	TWO	5.963	14.5	0.8	67.1										
45710.0	46500.0	0.509	265.5	-19.7	1.52	1.304	110.9	0.722	2.996	309.6	531.4	0.834	5.159A	-0.31	0.256	110.7	130.5	2.0	0.240
		10.95	7.34	18.29	TWO	5.963	14.5	0.8	64.1										
45720.0	46500.0	0.454	268.6	-18.1	1.93	1.305	107.1	0.710	3.038	318.4	530.1	0.881	5.196A	-0.82	0.264	112.1	133.1	1.4	0.239
		9.65	7.33	16.98	TWO	5.963	14.5	0.8	61.5										
45730.0	46500.0	0.405	270.0	-14.7	2.77	1.306	103.3	0.700	3.076	327.4	528.9	0.921	5.230A	-1.75	0.272	113.3	135.2	0.3	0.239
		8.54	7.33	15.87	TWO	5.963	14.5	0.8	59.3										
45740.0	46500.0	0.371	269.8	-5.1	5.14	1.306	99.6	0.693	3.107	336.6	528.0	0.953	5.262A	-4.22	0.278	114.2	136.8	-2.4	0.240
		7.80	7.35	15.15	TWO	5.963	14.5	0.8	57.7										
45760.0	46500.0	0.327	257.0	-50.1	-6.56	1.304	91.8	0.686	3.148	355.6	526.7	0.990	5.306A	7.31	0.285	115.4	139.3	9.7	0.244
		6.91	7.38	14.30	ONE	5.963	14.5	0.8	55.9										
45770.0	46500.0	0.303	249.7	-35.8	-3.13	1.302	87.8	0.686	3.154	5.3	166.5	0.992D	5.316A	3.79	0.286	115.7	139.8	6.0	0.242
		6.46	7.36	13.82	ONE	5.963	14.5	0.8	55.0										
45780.0	46500.0	0.317	242.7	-29.8	-2.10	1.300	83.8	0.688	3.150	15.3	166.5	0.982D	5.318A	2.66	0.286	115.9	139.8	4.8	0.242
		6.73	7.37	14.10	ONE	5.963	14.5	0.8	55.0										
45790.0	46500.0	0.353	237.7	-26.1	-1.62	1.297	79.6	0.694	3.135	25.6	166.8	0.959D	5.312A	2.09	0.283	116.0	139.3	4.2	0.244
		7.43	7.38	14.81	ONE	5.963	14.5	0.8	55.4										
45800.0	46500.0	0.404	235.2	-23.9	-1.35	1.294	75.2	0.703	3.110	36.0	167.4	0.923D	5.298A	1.72	0.278	116.1	138.4	3.8	0.246
		8.52	7.41	15.92	ONE	5.963	14.5	0.8	56.3										
45810.0	46500.0	0.466	234.9	-22.7	-1.19	1.291	70.8	0.716	3.076	46.6	168.2	0.874D	5.279A	1.45	0.272	116.1	137.1	3.5	0.250
		9.94	7.44	17.38	ONE	5.963	14.5	0.8	57.6										
45820.0	46500.0	0.538	236.3	-22.3	-1.09	1.287	66.2	0.732	3.033	57.3	169.2	0.812D	5.255A	1.23	0.263	116.1	135.5	3.3	0.254
		11.65	7.48	19.14	ONE	5.963	14.5	0.8	59.2										
45830.0	46500.0	0.616	238.9	-22.3	-1.04	1.283	61.4	0.753	2.984	68.1	170.3	0.738D	5.230A	1.04	0.253	116.2	133.5	3.1	0.260
		13.61	7.55	21.16	ONE	5.963	14.5	0.8	61.1										
ARRIVAL DATE = 2446520.0																			
45700.0	46520.0	0.570	261.8	-20.6	1.29	1.301	114.9	0.735	2.929	300.3	534.1	0.777	5.082A	0.03	0.241	105.8	126.0	2.5	0.237
		12.46	7.32	19.78	TWO	5.841	16.3	0.9	70.4										
45710.0	46520.0	0.511	265.9	-19.8	1.50	1.303	111.0	0.720	2.971	309.1	532.7	0.831	5.111A	-0.30	0.251	107.7	129.0	2.1	0.234
		10.99	7.29	18.28	TWO	5.841	16.3	0.9	67.4										
45720.0	46520.0	0.455	268.9	-18.3	1.88	1.304	107.2	0.708	3.010	318.1	531.5	0.880	5.141A	-0.78	0.259	109.2	131.6	1.5	0.233
		9.67	7.28	16.95	TWO	5.841	16.3	0.9	64.7										
45730.0	46520.0	0.405	270.4	-15.2	2.63	1.305	103.4	0.698	3.045	327.1	530.4	0.920	5.170A	-1.62	0.266	110.5	133.8	0.5	0.232
		8.54	7.27	15.81	TWO	5.841	16.3	0.9	62.5										
45740.0	46520.0	0.367	270.0	-7.3	4.57	1.305	99.6	0.690	3.074	336.3	529.5	0.953	5.195A	-3.65	0.272	111.4	135.5	-1.8	0.232
		7.74	7.27	15.01	TWO	5.841	16.3	0.9	60.8										
45750.0	46520.0	0.496	272.5	35.1	19.04	1.304	95.9	0.685	3.096	345.6	528.7	0.976	5.217A	-18.22	0.277	112.2	134.8	-16.1	0.256
		10.65	7.50	18.15	TWO	5.841	16.3	0.9	62.4										
45760.0	46520.0	0.342	256.7	-56.8	-8.39	1.303	91.9	0.682	3.111	355.4	528.3	0.990	5.232A	9.12	0.279	112.7	138.0	11.9	0.238
		7.22	7.33	14.55	ONE	5.841	16.3	0.9	59.3										
45770.0	46520.0	0.304	249.9	-37.6	-3.53	1.301	87.9	0.682	3.116	5.1	168.0	0.992D	5.241A	4.17	0.280	113.0	138.5	6.6	0.234
		6.46	7.29	13.75	ONE	5.841	16.3	0.9	58.2										
45780.0	46520.0	0.316	242.9	-30.7	-2.28	1.299	83.9	0.684	3.112	15.1	168.1	0.982D	5.243A	2.83	0.279	113.2	138.5	5.1	0.235
		6.69	7.29	13.99	ONE	5.841	16.3	0.9	58.1										
45790.0	46520.0	0.350	238.0	-26.6	-1.73	1.296	79.7	0.690	3.099	25.3	168.3	0.960D	5.237A	2.17	0.277	113.3	138.0	4.4	0.236
		7.38	7.31	14.68	ONE	5.841	16.3	0.9	58.5										
45800.0	46520.0	0.400	235.5	-24.2	-1.42	1.293	75.4	0.699	3.075	35.7	168.9	0.924D	5.226A	1.77	0.272	113.3	137.1	3.9	0.238
		8.44	7.33	15.77	ONE	5.841	16.3	0.9	59.4										
45810.0	46520.0	0.462	235.2	-23.0	-1.24	1.289	71.0	0.712	3.043	46.2	169.6	0.876D	5.210A	1.48	0.266	113.2	135.8	3.6	0.242
		9.84	7.36	17.20	ONE	5.841	16.3	0.9	60.6										
45820.0	46520.0	0.533	236.6	-22.5	-1.13	1.285	66.4	0.729	3.003	56.8	170.5	0.815D	5.190A	1.25	0.258	113.1	134.2	3.4	0.247
		11.53	7.41	18.94	ONE	5.841	16.3	0.9	62.2										
45830.0	46520.0	0.610	239.3	-22.5	-1.07	1.282	61.7	0.749	2.956	67.5	171.5	0.743D	5.170A	1.05	0.247	113.0	132.3	3.2	0.253
		13.46	7.47	20.93	ONE	5.841	16.3	0.9	64.1										
ARRIVAL DATE = 2446540.0																			
45700.0	46540.0	0.574	262.2	-20.6	1.29	1.300	115.1	0.734	2.911	299.7	535.3	0.773	5.049A	0.02	0.237	102.7	124.5	2.6	0.234
		12.54	7.28	19.82	TWO	5.648	18.1	1.0	73.7										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COAST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45710.0	46540.0	0.513	266.3	-19.9	1.49	1.302	111.2	0.719	2.950	308.6	534.0	0.829	5.072A	-0.29	0.247	104.7	127.5	2.1	0.230
		11.04	7.25	18.30	TWO	5.648	18.1	1.0	79.7										
45720.0	46540.0	0.456	269.3	-18.4	1.84	1.303	107.4	0.706	2.987	317.6	532.9	0.878	5.096A	-0.75	0.255	106.4	130.1	1.5	0.228
		9.70	7.23	16.93	TWO	5.648	18.1	1.0	68.0										
45730.0	46540.0	0.405	270.8	-15.6	2.51	1.303	103.6	0.696	3.019	326.7	531.8	0.919	5.120A	-1.51	0.262	107.7	132.4	0.6	0.226
		8.55	7.22	15.77	TWO	5.648	18.1	1.0	65.8										
45740.0	46540.0	0.366	270.4	-8.8	4.12	1.303	99.8	0.688	3.046	336.0	530.9	0.952	5.141A	-3.22	0.267	108.7	134.1	-1.4	0.226
		7.70	7.22	14.92	TWO	5.648	18.1	1.0	64.0										
45750.0	46540.0	0.406	269.9	20.2	12.49	1.303	96.0	0.682	3.067	345.3	530.2	0.975	5.159A	-11.68	0.272	109.5	134.6	-10.5	0.236
		8.56	7.30	15.86	TWO	5.648	18.1	1.0	63.8										
45760.0	46540.0	0.375	255.9	-66.5	-11.44	1.302	92.0	0.679	3.080	355.1	529.7	0.989	5.172A	12.15	0.274	110.0	136.4	15.4	0.237
		7.90	7.31	15.21	ONE	5.648	18.1	1.0	63.1										
45770.0	46540.0	0.305	250.1	-39.8	-4.03	1.300	88.1	0.679	3.085	4.8	169.5	0.9920	5.179A	4.64	0.275	110.4	137.2	7.4	0.228
		6.48	7.23	13.71	ONE	5.648	18.1	1.0	61.3										
45780.0	46540.0	0.314	243.3	-31.6	-2.49	1.297	84.0	0.681	3.082	14.8	169.5	0.9830	5.180A	3.01	0.274	110.5	137.2	5.5	0.228
		6.67	7.23	13.90	ONE	5.648	18.1	1.0	61.2										
45790.0	46540.0	0.347	238.4	-27.2	-1.85	1.295	79.9	0.687	3.068	25.0	169.8	0.9610	5.176A	2.27	0.272	110.6	136.7	4.6	0.229
		7.32	7.24	14.57	ONE	5.648	18.1	1.0	61.6										
45800.0	46540.0	0.397	235.9	-24.6	-1.50	1.292	75.6	0.696	3.046	35.3	170.3	0.9260	5.167A	1.82	0.267	110.5	135.8	4.1	0.232
		8.37	7.27	15.63	ONE	5.648	18.1	1.0	62.5										
45810.0	46540.0	0.458	235.6	-23.2	-1.30	1.288	71.2	0.709	3.016	45.8	171.0	0.8790	5.153A	1.51	0.261	110.3	134.5	3.8	0.235
		9.74	7.30	17.04	ONE	5.648	18.1	1.0	63.7										
45820.0	46540.0	0.528	237.0	-22.7	-1.18	1.284	66.7	0.725	2.978	56.3	171.8	0.8190	5.137A	1.26	0.253	110.1	132.9	3.5	0.240
		11.40	7.35	18.75	ONE	5.648	18.1	1.0	65.3										
45830.0	46540.0	0.604	239.7	-22.6	-1.10	1.281	62.0	0.745	2.934	66.9	172.7	0.7470	5.120A	1.06	0.243	109.9	131.1	3.3	0.247
		13.30	7.41	20.71	ONE	5.648	18.1	1.0	67.1										

ARRIVAL DATE = 2446560.0

45700.0	46560.0	0.577	262.6	-20.6	1.29	1.300	115.3	0.734	2.897	299.1	536.5	0.769	5.024A	0.02	0.234	99.6	123.0	2.6	0.231
		12.63	7.26	19.89	TWO	5.398	19.9	1.0	77.0										
45710.0	46560.0	0.516	266.8	-19.9	1.48	1.301	111.4	0.719	2.934	308.1	535.3	0.826	5.042A	-0.28	0.243	101.8	126.0	2.2	0.227
		11.12	7.22	18.33	TWO	5.398	19.9	1.0	74.0										
45720.0	46560.0	0.458	269.8	-18.6	1.80	1.302	107.6	0.705	2.968	317.1	534.2	0.875	5.060A	-0.71	0.251	103.5	128.7	1.6	0.223
		9.75	7.19	16.94	TWO	5.398	19.9	1.0	71.3										
45730.0	46560.0	0.407	271.3	-15.9	2.40	1.303	103.7	0.694	2.998	326.3	533.1	0.917	5.079A	-1.42	0.258	104.9	130.9	0.7	0.222
		8.58	7.17	15.75	TWO	5.398	19.9	1.0	69.0										
45740.0	46560.0	0.365	270.9	-10.1	3.77	1.302	99.9	0.686	3.024	335.6	532.3	0.951	5.097A	-2.89	0.263	106.0	132.7	-1.1	0.221
		7.69	7.17	14.85	TWO	5.398	19.9	1.0	67.2										
45750.0	46560.0	0.371	269.3	11.1	9.36	1.302	96.1	0.680	3.043	344.9	531.6	0.975	5.111A	-8.57	0.267	106.8	133.6	-7.5	0.225
		7.81	7.21	15.02	TWO	5.398	19.9	1.0	66.4										
45760.0	46560.0	0.457	250.9	-81.5	-17.42	1.300	92.1	0.676	3.055	354.8	531.2	0.989	5.122A	18.11	0.270	107.4	134.6	21.3	0.244
		9.71	7.39	17.10	ONE	5.398	19.9	1.0	67.5										
45770.0	46560.0	0.307	250.4	-42.5	-4.65	1.299	88.2	0.676	3.060	4.5	170.9	0.9920	5.128A	5.25	0.271	107.7	135.8	8.2	0.222
		6.53	7.18	13.71	ONE	5.398	19.9	1.0	66.6										
45780.0	46560.0	0.313	243.8	-32.8	-2.73	1.296	84.2	0.678	3.056	14.4	171.0	0.9830	5.129A	3.23	0.270	107.9	135.8	5.9	0.222
		6.64	7.18	13.82	ONE	5.398	19.9	1.0	66.4										
45790.0	46560.0	0.345	238.8	-27.8	-1.97	1.294	80.1	0.684	3.044	24.5	171.2	0.9620	5.126A	2.37	0.268	107.9	135.3	4.9	0.223
		7.27	7.19	14.46	ONE	5.398	19.9	1.0	66.8										
45800.0	46560.0	0.393	236.3	-25.0	-1.59	1.291	75.8	0.693	3.023	34.8	171.6	0.9280	5.118A	1.88	0.263	107.8	134.5	4.3	0.226
		8.29	7.21	15.50	ONE	5.398	19.9	1.0	65.6										
45810.0	46560.0	0.453	236.0	-23.5	-1.36	1.287	71.5	0.706	2.994	45.3	172.3	0.8820	5.107A	1.54	0.257	107.5	133.2	3.9	0.229
		9.64	7.25	16.89	ONE	5.398	19.9	1.0	66.8										
45820.0	46560.0	0.522	237.4	-22.9	-1.22	1.284	67.0	0.722	2.958	55.7	173.0	0.8230	5.094A	1.28	0.249	107.2	131.7	3.6	0.235
		11.27	7.29	18.57	ONE	5.398	19.9	1.0	68.4										
45830.0	46560.0	0.598	240.1	-22.8	-1.14	1.280	62.4	0.742	2.916	66.3	173.9	0.7530	5.080A	1.07	0.239	106.8	129.9	3.4	0.241
		13.14	7.36	20.50	ONE	5.398	19.9	1.0	70.1										

ARRIVAL DATE = 2446580.0

45700.0	46580.0	0.582	263.1	-20.7	1.29	1.299	115.6	0.735	2.885	298.4	537.6	0.765	5.006A	0.02	0.232	96.6	121.6	2.6	0.229
		12.74	7.24	19.98	TWO	5.107	21.7	1.1	80.2										
45710.0	46580.0	0.519	267.3	-20.0	1.47	1.301	111.6	0.718	2.920	307.5	536.5	0.822	5.018A	-0.27	0.241	98.9	124.6	2.2	0.224
		11.20	7.20	18.40	TWO	5.107	21.7	1.1	77.2										
45720.0	46580.0	0.461	270.3	-18.7	1.77	1.301	107.8	0.704	2.952	316.6	535.4	0.873	5.032A	-0.69	0.249	100.7	127.2	1.7	0.220
		9.82	7.16	16.98	TWO	5.107	21.7	1.1	74.6										
45730.0	46580.0	0.408	271.9	-16.3	2.31	1.302	103.9	0.693	2.981	325.8	534.4	0.915	5.047A	-1.34	0.255	102.2	129.5	0.8	0.218
		8.62	7.14	15.76	TWO	5.107	21.7	1.1	72.3										

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DEPART	ARRIVE	SPEED	R A	DECL	I 1	V 1	PSI 1	ECCEN	SMA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
		DV1	DV2	DVT	LEG	CDIST	RAS	DECLS	LAMDA										
45740.0	46580.0	0.365	271.5	-11.1	3.49	1.302	100.1	0.684	3.005	335.1	533.6	0.949	5.061A	-2.62	0.260	103.3	131.3	-0.8	0.216
		7.69	7.13	14.82	TWO	5.107	21.7	1.1	70.4										
45750.0	46580.0	0.355	269.4	5.1	7.54	1.301	96.2	0.678	3.023	344.5	533.0	0.974	5.073A	-6.77	0.264	104.2	132.4	-5.7	0.219
		7.47	7.15	14.62	TWO	5.107	21.7	1.1	69.3										
45770.0	46580.0	0.311	250.7	-45.8	-5.46	1.298	88.4	0.673	3.039	4.0	172.3	0.992D	5.086A	6.04	0.267	105.1	134.4	9.4	0.218
		6.61	7.14	13.75	ONE	5.107	21.7	1.1	67.8										
45780.0	46580.0	0.312	244.3	-34.0	-3.00	1.296	84.4	0.676	3.036	14.0	172.3	0.984D	5.087A	3.48	0.267	105.3	134.4	6.3	0.217
		6.62	7.13	13.76	ONE	5.107	21.7	1.1	67.6										
45790.0	46580.0	0.342	239.4	-28.5	-2.12	1.293	80.3	0.681	3.024	24.1	172.5	0.964D	5.085A	2.49	0.264	105.3	134.0	5.1	0.218
		7.22	7.14	14.36	ONE	5.107	21.7	1.1	67.9										
45800.0	46580.0	0.390	236.8	-25.5	-1.68	1.290	76.1	0.690	3.004	34.3	172.9	0.931D	5.078A	1.95	0.260	105.1	133.2	4.5	0.221
		8.21	7.17	15.38	ONE	5.107	21.7	1.1	68.7										
45810.0	46580.0	0.449	236.5	-23.9	-1.42	1.286	71.8	0.703	2.977	44.7	173.5	0.885D	5.070A	1.58	0.254	104.8	131.9	4.0	0.225
		9.54	7.20	16.74	ONE	5.107	21.7	1.1	69.9										
45820.0	46580.0	0.517	237.9	-23.1	-1.27	1.283	67.3	0.719	2.943	55.1	174.2	0.827D	5.059A	1.31	0.246	104.3	130.4	3.7	0.230
		11.14	7.25	18.39	ONE	5.107	21.7	1.1	71.4										
45830.0	46580.0	0.591	240.6	-23.0	-1.17	1.279	62.7	0.739	2.903	65.6	175.0	0.758D	5.048A	1.08	0.237	103.8	128.7	3.4	0.237
		12.98	7.32	20.30	ONE	5.107	21.7	1.1	73.1										

ARRIVAL DATE = 2446600.0

45700.0	46600.0	0.587	263.6	-20.7	1.29	1.299	115.9	0.736	2.877	297.7	538.7	0.760	4.993A	0.02	0.231	93.7	120.3	2.7	0.228
		12.87	7.23	20.10	TWO	4.798	23.5	1.2	83.3										
45710.0	46600.0	0.523	267.8	-20.1	1.46	1.300	111.9	0.719	2.910	306.8	537.6	0.818	5.001A	-0.26	0.239	96.1	123.2	2.3	0.222
		11.30	7.18	18.48	TWO	4.798	23.5	1.2	80.4										
45720.0	46600.0	0.464	270.9	-18.8	1.73	1.301	108.0	0.704	2.940	316.0	536.6	0.870	5.011A	-0.66	0.246	98.0	125.8	1.7	0.218
		9.89	7.14	17.03	TWO	4.798	23.5	1.2	77.8										
45730.0	46600.0	0.411	272.5	-16.6	2.23	1.301	104.1	0.692	2.967	325.2	535.7	0.913	5.021A	-1.26	0.253	99.5	128.0	0.9	0.215
		8.67	7.11	15.79	TWO	4.798	23.5	1.2	75.5										
45740.0	46600.0	0.366	272.1	-12.0	3.25	1.301	100.3	0.683	2.990	334.6	534.9	0.948	5.032A	-2.39	0.258	100.7	129.8	-0.5	0.213
		7.71	7.10	14.81	TWO	4.798	23.5	1.2	73.7										
45750.0	46600.0	0.346	269.8	0.9	6.35	1.300	96.4	0.676	3.007	344.0	534.3	0.973	5.042A	-5.59	0.261	101.6	131.1	-4.4	0.214
		7.30	7.10	14.40	TWO	4.798	23.5	1.2	72.4										
45770.0	46600.0	0.319	250.9	-50.2	-6.56	1.297	88.6	0.672	3.023	3.6	173.6	0.993D	5.053A	7.12	0.265	102.6	133.0	10.8	0.215
		6.75	7.12	13.87	ONE	4.798	23.5	1.2	71.1										
45780.0	46600.0	0.311	245.0	-35.6	-3.32	1.295	84.6	0.674	3.019	13.5	173.6	0.985D	5.054A	3.78	0.264	102.8	133.1	6.8	0.213
		6.61	7.10	13.71	ONE	4.798	23.5	1.2	70.7										
45790.0	46600.0	0.340	240.0	-29.3	-2.28	1.292	80.5	0.679	3.008	23.6	173.8	0.965D	5.051A	2.63	0.262	102.7	132.7	5.4	0.214
		7.17	7.11	14.28	ONE	4.798	23.5	1.2	71.1										
45800.0	46600.0	0.386	237.4	-26.0	-1.77	1.289	76.3	0.688	2.990	33.8	174.2	0.933D	5.047A	2.02	0.258	102.5	131.9	4.6	0.216
		8.13	7.13	15.26	ONE	4.798	23.5	1.2	71.8										
45810.0	46600.0	0.444	237.1	-24.2	-1.49	1.286	72.0	0.700	2.964	44.1	174.7	0.888D	5.040A	1.62	0.252	102.1	130.7	4.1	0.220
		9.43	7.16	16.60	ONE	4.798	23.5	1.2	73.0										
45820.0	46600.0	0.511	238.4	-23.4	-1.32	1.282	67.6	0.716	2.932	54.4	175.3	0.831D	5.032A	1.33	0.244	101.6	129.2	3.8	0.226
		11.01	7.21	18.22	ONE	4.798	23.5	1.2	74.4										
45830.0	46600.0	0.585	241.1	-23.2	-1.21	1.279	63.1	0.736	2.894	64.8	176.0	0.764D	5.023A	1.09	0.235	100.9	127.6	3.5	0.233
		12.82	7.28	20.10	ONE	4.798	23.5	1.2	76.0										

ARRIVAL DATE = 2446620.0

45700.0	46620.0	0.592	264.1	-20.8	1.29	1.298	116.2	0.737	2.870	296.9	539.7	0.755	4.986A	0.02	0.230	90.8	119.0	2.7	0.228
		13.01	7.23	20.24	TWO	4.498	25.3	1.3	86.3										
45710.0	46620.0	0.528	268.4	-20.1	1.45	1.300	112.2	0.719	2.902	306.1	538.7	0.814	4.989A	-0.26	0.238	93.3	121.9	2.3	0.221
		11.41	7.17	18.59	TWO	4.498	25.3	1.3	83.5										
45720.0	46620.0	0.468	271.5	-18.9	1.70	1.301	108.3	0.704	2.931	315.3	537.7	0.866	4.995A	-0.64	0.245	95.3	124.A	1.8	0.216
		9.98	7.13	17.11	TWO	4.498	25.3	1.3	80.9										
45730.0	46620.0	0.414	273.1	-16.8	2.15	1.301	104.4	0.692	2.956	324.6	536.9	0.911	5.002A	-1.20	0.251	97.0	126.6	1.1	0.212
		8.74	7.10	15.83	TWO	4.498	25.3	1.3	78.7										
45740.0	46620.0	0.368	272.8	-12.8	3.05	1.301	100.5	0.682	2.978	334.0	536.1	0.946	5.010A	-2.21	0.256	98.2	128.4	-0.3	0.210
		7.74	7.07	14.82	TWO	4.498	25.3	1.3	76.9										
45750.0	46620.0	0.342	270.5	-2.2	5.51	1.300	96.7	0.675	2.995	343.5	535.5	0.972	5.017A	-4.77	0.259	99.1	129.7	-3.5	0.210
		7.21	7.07	14.28	TWO	4.498	25.3	1.3	75.5										
45770.0	46620.0	0.332	250.8	-56.1	-8.14	1.297	88.8	0.670	3.009	3.0	174.9	0.993D	5.026A	8.67	0.262	100.2	131.7	12.8	0.213
		7.02	7.10	14.12	ONE	4.498	25.3	1.3	74.4										
45780.0	46620.0	0.311	245.7	-37.3	-3.71	1.294	84.8	0.672	3.006	12.9	174.9	0.986D	5.027A	4.15	0.262	100.3	131.7	7.4	0.209
		6.61	7.07	13.68	ONE	4.498	25.3	1.3	73.9										
45790.0	46620.0	0.337	240.8	-30.2	-2.45	1.292	80.8	0.677	2.996	23.0	175.0	0.967D	5.025A	2.79	0.260	100.2	131.4	5.7	0.210
		7.12	7.08	14.20	ONE	4.498	25.3	1.3	74.2										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45800.0	46620.0	0.382	238.1	-26.5	-1.98	1.289	76.6	0.686	2.979	33.1	175.4	0.936D	5.022A	2.10	0.256	100.0	130.6	4.8	0.213
		8.05	7.10	15.15	ONE	4.498	25.3	1.3	74.9										
45810.0	46620.0	0.440	237.7	-24.6	-1.56	1.285	72.3	0.698	2.954	43.4	175.8	0.892D	5.016A	1.67	0.250	99.5	129.5	4.3	0.217
		9.32	7.14	16.46	ONE	4.498	25.3	1.3	76.0										
45820.0	46620.0	0.506	239.0	-23.7	-1.37	1.282	68.0	0.714	2.923	53.7	176.4	0.836D	5.010A	1.36	0.243	98.9	128.1	3.9	0.223
		10.87	7.18	18.06	ONE	4.498	25.3	1.3	77.3										
45830.0	46620.0	0.579	241.6	-23.4	-1.25	1.278	63.5	0.733	2.887	64.0	177.0	0.770D	5.004A	1.11	0.234	98.1	126.5	3.6	0.230
		12.66	7.25	19.91	ONE	4.498	25.3	1.3	78.9										
ARRIVAL DATE = 2446640.0																			
45700.0	46640.0	0.598	264.7	-20.9	1.29	1.298	116.6	0.739	2.866	296.1	540.7	0.749	4.983	0.02	0.229	88.1	117.9	2.7	0.228
		13.16	7.24	20.40	TWO	4.238	27.1	1.4	89.3										
45710.0	46640.0	0.533	268.9	-23.2	1.44	1.299	112.5	0.720	2.896	305.3	539.8	0.810	4.982A	-0.25	0.237	90.6	120.6	2.4	0.221
		11.54	7.17	18.71	TWO	4.238	27.1	1.4	86.5										
45720.0	46640.0	0.472	272.1	-19.1	1.67	1.300	108.6	0.705	2.924	314.6	538.9	0.863	4.984A	-0.62	0.244	92.7	123.1	1.9	0.215
		10.08	7.12	17.20	TWO	4.238	27.1	1.4	84.0										
45730.0	46640.0	0.417	273.8	-17.1	2.08	1.300	104.6	0.692	2.948	323.9	538.0	0.908	4.989A	-1.14	0.250	94.4	125.3	1.2	0.211
		8.81	7.08	15.90	TWO	4.238	27.1	1.4	81.8										
45740.0	46640.0	0.370	273.6	-13.4	2.88	1.300	100.8	0.682	2.969	333.4	537.3	0.944	4.994A	-2.05	0.254	95.7	127.1	-0.0	0.208
		7.79	7.06	14.85	TWO	4.238	27.1	1.4	80.0										
45750.0	46640.0	0.340	271.2	-4.6	4.88	1.299	96.9	0.675	2.985	342.9	536.7	0.971	4.999A	-4.15	0.258	96.7	128.4	-2.7	0.207
		7.16	7.05	14.22	TWO	4.238	27.1	1.4	78.6										
45760.0	46640.0	0.455	269.9	34.3	17.28	1.298	93.1	0.670	2.995	352.4	536.3	0.987	5.003A	-16.66	0.260	97.4	128.4	-16.6	0.227
		9.68	7.23	16.91	TWO	4.238	27.1	1.4	78.8										
45770.0	46640.0	0.358	249.6	-64.3	-10.60	1.296	89.0	0.669	2.999	2.5	176.1	0.993D	5.005A	11.12	0.261	97.8	130.4	15.7	0.215
		7.55	7.12	14.66	ONE	4.238	27.1	1.4	77.7										
45780.0	46640.0	0.312	246.4	-39.4	-4.18	1.296	85.1	0.671	2.996	12.3	176.1	0.987D	5.006A	4.59	0.260	97.9	130.5	8.1	0.207
		6.62	7.05	13.67	ONE	4.238	27.1	1.4	77.0										
45790.0	46640.0	0.335	241.6	-31.2	-2.65	1.291	81.0	0.676	2.987	22.3	176.2	0.969D	5.005A	2.96	0.258	97.8	130.1	6.0	0.208
		7.07	7.05	14.13	ONE	4.238	27.1	1.4	77.2										
45800.0	46640.0	0.379	238.9	-27.1	-1.99	1.288	76.9	0.684	2.970	32.5	176.5	0.938D	5.002A	2.19	0.255	97.5	129.4	5.0	0.210
		7.97	7.08	15.05	ONE	4.238	27.1	1.4	77.9										
45810.0	46640.0	0.435	238.3	-25.0	-1.63	1.285	72.7	0.696	2.947	42.7	176.9	0.895D	4.999A	1.72	0.249	97.0	128.3	4.4	0.214
		9.22	7.11	16.33	ONE	4.238	27.1	1.4	78.9										
45820.0	46640.0	0.500	239.6	-24.0	-1.42	1.282	68.3	0.712	2.918	52.9	177.4	0.841D	4.994A	1.39	0.242	96.3	127.0	4.0	0.220
		10.74	7.16	17.90	ONE	4.238	27.1	1.4	80.2										
45830.0	46640.0	0.572	242.2	-23.6	-1.29	1.278	63.9	0.731	2.883	63.2	178.0	0.776D	4.990A	1.12	0.234	95.4	125.5	3.6	0.227
		12.50	7.23	19.72	ONE	4.238	27.1	1.4	81.7										
45840.0	46640.0	0.649	245.8	-23.7	-1.21	1.275	59.3	0.753	2.844	73.4	178.6	0.701D	4.987A	0.90	0.223	94.4	124.0	3.4	0.237
		14.45	7.31	21.76	ONE	4.238	27.1	1.4	83.2										
ARRIVAL DATE = 2446660.0																			
45700.0	46660.0	0.605	265.3	-20.9	1.29	1.298	117.0	0.741	2.864	295.2	541.6	0.743	4.984	0.02	0.229	85.4	116.9	2.8	0.230
		13.33	7.25	20.58	TWO	4.053	28.9	1.5	92.1										
45710.0	46660.0	0.539	269.6	-20.3	1.43	1.299	112.9	0.722	2.892	304.5	540.8	0.805	4.979	-0.25	0.237	88.0	119.5	2.4	0.221
		11.68	7.17	18.85	TWO	4.053	28.9	1.5	89.5										
45720.0	46660.0	0.477	272.8	-19.2	1.65	1.300	108.9	0.706	2.919	313.8	539.9	0.859	4.978A	-0.60	0.243	90.2	121.9	1.9	0.215
		10.19	7.12	17.31	TWO	4.053	28.9	1.5	87.1										
45730.0	46660.0	0.421	274.6	-17.3	2.02	1.300	104.9	0.692	2.942	323.2	539.1	0.905	4.980A	-1.09	0.249	92.0	124.1	1.2	0.210
		8.90	7.08	15.98	TWO	4.053	28.9	1.5	84.9										
45740.0	46660.0	0.373	274.5	-14.0	2.73	1.300	101.0	0.682	2.962	332.7	538.4	0.942	4.982A	-1.91	0.253	93.3	125.8	0.1	0.207
		7.85	7.35	14.89	TWO	4.053	28.9	1.5	83.1										
45750.0	46660.0	0.339	272.1	-6.5	4.39	1.299	97.2	0.674	2.977	342.2	537.9	0.970	4.985A	-3.68	0.257	94.4	127.2	-2.2	0.205
		7.15	7.03	14.19	TWO	4.053	28.9	1.5	81.7										
45760.0	46660.0	0.384	269.0	21.3	12.34	1.298	93.3	0.670	2.987	351.8	537.5	0.987	4.988A	-11.44	0.259	95.1	127.7	-11.4	0.214
		8.09	7.11	15.20	TWO	4.053	28.9	1.5	81.1										
45770.0	46660.0	0.415	243.0	-76.2	-14.96	1.296	89.3	0.668	2.991	1.9	177.3	0.993D	4.990A	15.46	0.260	95.5	129.1	20.4	0.222
		8.76	7.18	15.94	ONE	4.053	28.9	1.5	81.0										
45780.0	46660.0	0.314	247.2	-42.0	-4.76	1.294	85.3	0.670	2.989	11.7	177.2	0.988D	4.990A	5.15	0.259	95.6	129.2	8.9	0.205
		6.65	7.04	13.69	ONE	4.053	28.9	1.5	80.1										
45790.0	46660.0	0.333	242.5	-32.3	-2.88	1.291	81.3	0.674	2.980	21.7	177.3	0.971D	4.990A	3.17	0.257	95.5	128.9	6.3	0.206
		7.03	7.04	14.07	ONE	4.053	28.9	1.5	80.3										
45800.0	46660.0	0.375	239.7	-27.8	-2.11	1.288	77.2	0.683	2.964	31.8	177.6	0.941D	4.988A	2.29	0.254	95.2	128.2	5.2	0.208
		7.90	7.06	14.95	ONE	4.053	28.9	1.5	80.9										
45810.0	46660.0	0.430	239.1	-25.4	-1.71	1.285	73.0	0.694	2.942	41.9	178.0	0.899D	4.986A	1.78	0.249	94.6	127.2	4.5	0.212
		9.11	7.09	16.20	ONE	4.053	28.9	1.5	81.8										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45820.0	46660.0	0.494	240.3	-24.3	-1.47	1.282	68.7	0.710	2.915	52.1	178.4	0.8460	4.983A	1.42	0.242	93.9	126.0	4.1	0.218
		10.60	7.14	17.75	ONE	4.053	28.9	1.5	83.0										
45830.0	46660.0	0.565	242.8	-23.8	-1.33	1.278	64.3	0.729	2.881	62.3	178.9	0.7820	4.981A	1.14	0.234	92.9	124.6	3.7	0.225
		12.33	7.21	19.54	ONE	4.053	28.9	1.5	84.4										
45840.0	46660.0	0.641	246.4	-23.8	-1.24	1.275	59.7	0.751	2.844	72.4	179.4	0.7090	4.979A	0.91	0.224	91.7	123.2	3.4	0.235
		14.26	7.30	21.55	ONE	4.053	28.9	1.5	85.9										
ARRIVAL DATE = 2446680.0																			
45700.0	46680.0	0.612	265.9	-21.0	1.29	1.298	117.4	0.743	2.863	294.3	542.5	0.737	4.989	0.02	0.230	82.8	116.0	2.8	0.231
		13.51	7.26	20.78	TWO	3.970	30.7	1.6	94.8										
45710.0	46680.0	0.545	270.2	-20.3	1.42	1.299	113.3	0.723	2.890	303.7	541.7	0.799	4.981	-0.24	0.237	85.5	118.5	2.4	0.222
		11.83	7.18	19.01	TWO	3.970	30.7	1.6	92.3										
45720.0	46680.0	0.482	273.5	-19.3	1.62	1.300	109.2	0.707	2.916	313.0	540.9	0.855	4.977	-0.58	0.243	87.8	120.8	2.0	0.215
		10.32	7.12	17.44	TWO	3.970	30.7	1.6	90.0										
45730.0	46680.0	0.425	275.4	-17.5	1.97	1.300	105.2	0.693	2.938	322.5	540.2	0.902	4.975	-1.05	0.248	89.6	122.9	1.3	0.210
		9.00	7.07	16.07	TWO	3.970	30.7	1.6	87.9										
45740.0	46680.0	0.376	275.4	-14.5	2.60	1.300	101.3	0.682	2.957	331.9	539.5	0.940	4.975A	-1.80	0.253	91.0	124.6	0.3	0.206
		7.91	7.04	14.95	TWO	3.970	30.7	1.6	86.1										
45750.0	46680.0	0.340	273.1	-8.1	4.01	1.299	97.4	0.674	2.972	341.5	539.0	0.968	4.977A	-3.31	0.256	92.1	126.0	-1.7	0.204
		7.16	7.02	14.19	TWO	3.970	30.7	1.6	84.7										
45760.0	46680.0	0.353	269.3	12.8	9.28	1.297	93.6	0.669	2.982	351.1	538.6	0.986	4.978A	-8.69	0.258	92.8	126.7	-8.3	0.208
		7.44	7.06	14.50	TWO	3.970	30.7	1.6	83.9										
45770.0	46680.0	0.566	114.2	-83.4	-24.59	1.296	89.5	0.667	2.986	1.3	178.4	0.9930	4.979A	25.07	0.259	93.2	127.9	28.4	0.250
		12.34	7.45	19.79	ONE	3.970	30.7	1.6	84.5										
45780.0	46680.0	0.317	248.0	-45.1	-5.50	1.293	85.6	0.669	2.984	11.0	178.3	0.9890	4.979A	5.88	0.259	93.4	128.1	9.8	0.205
		6.72	7.03	13.75	ONE	3.970	30.7	1.6	83.0										
45790.0	46680.0	0.331	243.4	-33.6	-3.14	1.291	81.6	0.673	2.976	20.9	178.4	0.9720	4.979A	3.41	0.257	93.3	127.8	6.7	0.204
		6.99	7.03	14.02	ONE	3.970	30.7	1.6	83.2										
45800.0	46680.0	0.371	240.5	-28.5	-2.25	1.288	77.5	0.681	2.961	31.0	178.6	0.9440	4.978A	2.41	0.254	92.9	127.2	5.4	0.207
		7.82	7.05	14.86	ONE	3.970	30.7	1.6	83.8										
45810.0	46680.0	0.425	239.8	-25.9	-1.79	1.285	73.3	0.693	2.940	41.1	179.0	0.9030	4.977A	1.84	0.249	92.3	126.2	4.6	0.211
		9.00	7.08	16.08	ONE	3.970	30.7	1.6	84.7										
45820.0	46680.0	0.489	241.0	-24.6	-1.53	1.282	69.1	0.708	2.913	51.3	179.4	0.8510	4.976A	1.45	0.242	91.5	125.1	4.1	0.217
		10.46	7.13	17.59	ONE	3.970	30.7	1.6	85.8										
45830.0	46680.0	0.559	243.5	-24.1	-1.37	1.278	64.7	0.726	2.882	61.4	179.8	0.7880	4.975A	1.16	0.235	90.5	123.8	3.8	0.224
		12.17	7.20	19.36	ONE	3.970	30.7	1.6	87.1										
45840.0	46680.0	0.634	247.0	-24.0	-1.27	1.275	60.2	0.748	2.846	71.5	180.3	0.7160	4.975	0.92	0.225	89.2	122.4	3.5	0.233
		14.07	7.28	21.35	ONE	3.970	30.7	1.6	88.4										
ARRIVAL DATE = 2446700.0																			
45700.0	46700.0	0.620	266.5	-21.0	1.30	1.298	117.9	0.745	2.863	293.3	543.4	0.730	4.997	0.02	0.230	80.3	115.2	2.8	0.233
		13.71	7.28	20.99	TWO	4.006	32.6	1.7	97.4										
45710.0	46700.0	0.552	270.9	-20.4	1.41	1.299	113.7	0.725	2.890	302.8	542.6	0.794	4.986	-0.24	0.237	83.1	117.6	2.5	0.224
		12.00	7.20	19.19	TWO	4.006	32.6	1.7	95.0										
45720.0	46700.0	0.488	274.3	-19.4	1.60	1.300	109.6	0.708	2.914	312.2	541.9	0.850	4.978	-0.56	0.243	85.4	119.8	2.0	0.216
		10.45	7.13	17.58	TWO	4.006	32.6	1.7	92.8										
45730.0	46700.0	0.430	276.2	-17.7	1.91	1.300	105.6	0.694	2.936	321.7	541.2	0.898	4.974	-1.01	0.248	87.3	121.9	1.4	0.210
		9.10	7.08	16.18	TWO	4.006	32.6	1.7	90.7										
45740.0	46700.0	0.379	276.3	-15.0	2.48	1.300	101.6	0.683	2.955	331.2	540.6	0.937	4.972	-1.69	0.253	88.8	123.6	0.5	0.206
		7.99	7.04	15.03	TWO	4.006	32.6	1.7	89.0										
45750.0	46700.0	0.341	274.1	-9.3	3.69	1.299	97.7	0.675	2.969	340.8	540.1	0.966	4.972	-3.01	0.256	89.9	124.9	-1.3	0.204
		7.19	7.02	14.21	TWO	4.006	32.6	1.7	87.6										
45760.0	46700.0	0.338	270.0	6.9	7.57	1.297	93.8	0.669	2.979	350.4	539.7	0.985	4.972A	-7.01	0.258	90.6	125.7	-6.3	0.205
		7.14	7.03	14.17	TWO	4.006	32.6	1.7	86.7										
45780.0	46700.0	0.323	248.6	-49.1	-6.49	1.293	85.9	0.668	2.981	10.2	179.4	0.9900	4.972A	6.84	0.258	91.2	127.0	11.1	0.205
		6.83	7.03	13.86	ONE	4.006	32.6	1.7	85.9										
45790.0	46700.0	0.329	244.4	-35.1	-3.45	1.291	81.9	0.672	2.973	20.2	179.4	0.9740	4.972A	3.69	0.257	91.1	126.7	7.1	0.203
		6.96	7.02	13.98	ONE	4.006	32.6	1.7	86.1										
45800.0	46700.0	0.367	241.5	-29.3	-2.40	1.288	77.8	0.680	2.959	30.2	179.6	0.9470	4.972A	2.53	0.254	90.8	126.2	5.6	0.206
		7.74	7.04	14.78	ONE	4.006	32.6	1.7	86.6										
45810.0	46700.0	0.420	240.7	-26.4	-1.88	1.285	73.7	0.691	2.940	40.3	179.9	0.9070	4.972A	1.90	0.249	90.1	125.3	4.8	0.210
		8.89	7.07	15.96	ONE	4.006	32.6	1.7	87.4										
45820.0	46700.0	0.483	241.7	-24.9	-1.59	1.282	69.5	0.706	2.914	50.4	180.3	0.8560	4.972	1.49	0.243	89.3	124.2	4.2	0.216
		10.32	7.12	17.45	ONE	4.006	32.6	1.7	88.4										
45830.0	46700.0	0.552	244.2	-24.3	-1.41	1.278	65.1	0.724	2.884	60.4	180.7	0.7950	4.973	1.18	0.236	88.2	123.0	3.8	0.223
		12.00	7.19	19.19	ONE	4.006	32.6	1.7	89.6										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45840.0	46700.0	0.626	247.6	-24.2	-1.30	1.275	60.6	0.746	2.849	70.5	181.1	0.7240	4.974	0.93	0.226	86.8	121.8	3.5	0.232
		13.87	7.27	21.14	ONE	4.006	32.6	1.7	90.9										
ARRIVAL DATE = 2446720.0																			
45700.0	46720.0	0.628	267.2	-21.1	1.30	1.298	118.3	0.748	2.865	292.3	544.2	0.722	5.008	0.02	0.231	77.9	114.6	2.8	0.236
		13.92	7.31	21.23	TWO	4.154	34.4	1.7	99.9										
45710.0	46720.0	0.559	271.6	-20.5	1.40	1.299	114.1	0.728	2.891	301.8	543.5	0.788	4.994	-0.23	0.238	80.8	116.8	2.5	0.226
		12.17	7.21	19.39	TWO	4.154	34.4	1.7	97.6										
45720.0	46720.0	0.494	275.0	-19.5	1.57	1.300	110.0	0.710	2.914	311.3	542.8	0.845	4.984	-0.55	0.244	83.2	119.0	2.1	0.218
		10.60	7.14	17.74	TWO	4.154	34.4	1.7	95.5										
45730.0	46720.0	0.435	277.1	-17.9	1.87	1.300	105.9	0.695	2.936	320.8	542.2	0.894	4.977	-0.97	0.249	85.1	120.9	1.5	0.211
		9.22	7.09	16.31	TWO	4.154	34.4	1.7	93.5										
45740.0	46720.0	0.383	277.3	-15.4	2.38	1.299	102.0	0.684	2.954	330.4	541.6	0.934	4.973	-1.60	0.253	86.6	122.6	0.6	0.207
		8.08	7.05	15.12	TWO	4.154	34.4	1.7	91.8										
45750.0	46720.0	0.343	275.2	-10.4	3.42	1.299	98.1	0.675	2.968	340.0	541.1	0.964	4.971	-2.76	0.256	87.8	123.9	-0.9	0.204
		7.23	7.02	14.25	TWO	4.154	34.4	1.7	90.5										
45760.0	46720.0	0.330	271.0	2.5	6.42	1.297	94.2	0.669	2.977	349.6	540.7	0.984	4.970	-5.87	0.258	88.6	124.7	-4.9	0.204
		6.98	7.02	14.00	TWO	4.154	34.4	1.7	89.5										
45780.0	46720.0	0.334	248.9	-54.4	-7.87	1.293	86.2	0.668	2.980	9.4	180.4	0.9910	4.969	8.20	0.259	89.2	126.1	12.8	0.206
		7.05	7.04	14.09	ONE	4.154	34.4	1.7	88.7										
45790.0	46720.0	0.328	245.5	-36.8	-3.81	1.291	82.2	0.672	2.973	19.3	180.4	0.9760	4.969	4.03	0.257	89.1	125.8	7.6	0.203
		6.94	7.02	13.95	ONE	4.154	34.4	1.7	88.8										
45800.0	46720.0	0.364	242.5	-30.1	-2.56	1.288	78.2	0.679	2.960	29.3	180.6	0.9500	4.969	2.68	0.254	88.7	125.3	5.8	0.205
		7.66	7.03	14.70	ONE	4.154	34.4	1.7	89.3										
45810.0	46720.0	0.415	241.6	-26.9	-1.98	1.285	74.1	0.690	2.941	39.4	180.9	0.9120	4.970	1.98	0.250	88.1	124.5	4.9	0.209
		8.78	7.07	15.84	ONE	4.154	34.4	1.7	90.0										
45820.0	46720.0	0.477	242.5	-25.3	-1.65	1.282	69.8	0.705	2.917	49.4	181.2	0.8620	4.971	1.53	0.244	87.2	123.5	4.3	0.215
		10.18	7.12	17.30	ONE	4.154	34.4	1.7	91.0										
45830.0	46720.0	0.545	244.9	-24.6	-1.45	1.278	65.5	0.722	2.887	59.5	181.5	0.8010	4.973	1.20	0.237	86.0	122.4	3.9	0.223
		11.83	7.18	19.01	ONE	4.154	34.4	1.7	92.1										
45840.0	46720.0	0.619	248.3	-24.4	-1.33	1.275	61.1	0.744	2.854	69.4	181.9	0.7320	4.977	0.94	0.228	84.6	121.2	3.5	0.232
		13.68	7.27	20.94	ONE	4.154	34.4	1.7	93.3										
ARRIVAL DATE = 2446740.0																			
45700.0	46740.0	0.637	267.9	-21.1	1.30	1.298	118.8	0.751	2.868	291.3	545.0	0.715	5.022	0.02	0.233	75.5	114.1	2.8	0.239
		14.14	7.34	21.48	TWO	4.392	36.2	1.8	102.2										
45710.0	46740.0	0.567	272.3	-20.5	1.39	1.299	114.5	0.730	2.893	300.8	544.3	0.781	5.005	-0.23	0.239	78.5	116.2	2.5	0.228
		12.36	7.24	19.60	TWO	4.392	36.2	1.8	100.1										
45720.0	46740.0	0.501	275.8	-19.6	1.55	1.300	110.4	0.712	2.916	310.4	543.7	0.840	4.992	-0.54	0.244	81.0	118.2	2.1	0.220
		10.76	7.16	17.92	TWO	4.392	36.2	1.8	98.0										
45730.0	46740.0	0.441	278.0	-18.1	1.82	1.300	106.3	0.697	2.936	319.9	543.1	0.890	4.983	-0.94	0.249	83.0	120.1	1.6	0.213
		9.35	7.10	16.45	TWO	4.392	36.2	1.8	96.2										
45740.0	46740.0	0.388	278.3	-15.7	2.29	1.299	102.3	0.685	2.954	329.5	542.5	0.931	4.977	-1.53	0.253	84.5	121.7	0.8	0.208
		8.17	7.05	15.23	TWO	4.392	36.2	1.8	94.5										
45750.0	46740.0	0.346	276.4	-11.3	3.20	1.299	98.4	0.676	2.968	339.1	542.1	0.962	4.973	-2.55	0.256	85.7	123.0	-0.6	0.204
		7.29	7.03	14.31	TWO	4.392	36.2	1.8	93.2										
45760.0	46740.0	0.326	272.2	-0.7	5.59	1.297	94.5	0.670	2.977	348.8	541.7	0.983	4.971	-5.06	0.258	86.5	123.8	-3.9	0.203
		6.90	7.02	13.92	TWO	4.392	36.2	1.8	92.2										
45770.0	46740.0	0.553	269.7	47.4	23.78	1.295	90.6	0.667	2.981	358.4	541.5	0.993	4.969	-23.36	0.259	87.1	124.0	-22.4	0.244
		12.02	7.38	19.40	TWO	4.392	36.2	1.8	91.3										
45780.0	46740.0	0.354	248.2	-61.5	-9.93	1.293	86.5	0.667	2.980	8.6	181.4	0.9920	4.969	10.25	0.259	87.2	125.3	15.2	0.209
		7.45	7.07	14.52	ONE	4.392	36.2	1.8	91.4										
45790.0	46740.0	0.328	246.6	-38.7	-4.24	1.291	82.6	0.671	2.974	18.5	181.4	0.9780	4.969	4.45	0.258	87.1	124.9	8.2	0.203
		6.93	7.02	13.94	ONE	4.392	36.2	1.8	91.5										
45800.0	46740.0	0.360	243.5	-31.1	-2.75	1.288	78.6	0.678	2.961	28.5	181.6	0.9530	4.970	2.85	0.255	86.7	124.5	6.1	0.205
		7.59	7.03	14.62	ONE	4.392	36.2	1.8	91.9										
45810.0	46740.0	0.410	242.5	-27.5	-2.08	1.285	74.4	0.689	2.944	38.5	181.8	0.9160	4.971	2.06	0.251	86.1	123.7	5.0	0.209
		8.67	7.07	15.73	ONE	4.392	36.2	1.8	92.6										
45820.0	46740.0	0.471	243.3	-25.7	-1.72	1.282	70.3	0.703	2.920	48.5	182.0	0.8670	4.974	1.58	0.246	85.2	122.8	4.4	0.215
		10.04	7.12	17.16	ONE	4.392	36.2	1.8	93.5										
45830.0	46740.0	0.538	245.6	-24.9	-1.50	1.279	66.0	0.721	2.892	58.5	182.3	0.8080	4.977	1.23	0.239	84.0	121.8	3.9	0.222
		11.66	7.18	18.84	ONE	4.392	36.2	1.8	94.5										
45840.0	46740.0	0.611	249.0	-24.6	-1.37	1.275	61.6	0.741	2.860	68.4	182.6	0.7400	4.981	0.95	0.231	82.5	120.7	3.6	0.232
		13.48	7.27	20.75	ONE	4.392	36.2	1.8	95.5										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I L / LEG	V I / CDIST	PSI I / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
ARRIVAL DATE = 2446760.0																			
45700.0	46760.0	0.646	268.6	-21.2	1.30	1.298	119.3	0.754	2.873	290.2	545.7	0.706	5.039	0.07	0.234	73.3	113.7	2.8	0.243
		14.37	7.37	21.74	TWO	4.686	38.0	1.9	104.4										
45710.0	46760.0	0.575	273.1	-20.6	1.38	1.299	115.0	0.733	2.896	299.8	545.1	0.774	5.018	-0.23	0.240	76.4	115.7	2.5	0.231
		12.56	7.26	19.82	TWO	4.686	38.0	1.9	102.4										
45720.0	46760.0	0.508	276.6	-19.6	1.53	1.300	110.8	0.714	2.918	309.4	544.5	0.834	5.003	-0.52	0.246	78.9	117.6	2.1	0.222
		10.93	7.18	18.11	TWO	4.686	38.0	1.9	100.5										
45730.0	46760.0	0.447	278.9	-18.2	1.78	1.300	106.7	0.699	2.938	319.0	544.0	0.886	4.991	-0.91	0.250	80.9	119.4	1.6	0.215
		9.49	7.11	16.60	TWO	4.686	38.0	1.9	98.7										
45740.0	46760.0	0.393	279.4	-16.0	2.20	1.300	102.7	0.686	2.955	328.6	543.4	0.928	4.983	-1.45	0.254	82.5	120.9	0.9	0.209
		8.28	7.07	15.34	TWO	4.686	38.0	1.9	97.1										
45750.0	46760.0	0.349	277.6	-12.1	3.00	1.299	98.8	0.677	2.969	338.2	543.0	0.960	4.978	-2.38	0.257	83.8	122.2	-0.4	0.205
		7.35	7.03	14.39	TWO	4.686	38.0	1.9	95.8										
45760.0	46760.0	0.325	273.5	-3.3	4.95	1.297	94.8	0.670	2.978	347.9	542.7	0.982	4.974	-4.44	0.259	84.6	123.0	-3.1	0.204
		6.87	7.02	13.89	TWO	4.686	38.0	1.9	94.9										
45770.0	46760.0	0.419	268.9	30.5	15.14	1.295	91.0	0.667	2.983	357.6	542.4	0.993	4.973	-14.74	0.260	85.2	123.5	-15.0	0.219
		8.85	7.15	16.00	TWO	4.686	38.0	1.9	93.9										
45780.0	46760.0	0.394	244.0	-71.4	-13.35	1.293	86.9	0.667	2.982	7.8	182.3	0.9920	4.972	13.64	0.260	85.3	124.7	18.9	0.217
		8.32	7.13	15.45	ONE	4.686	38.0	1.9	93.7										
45790.0	46760.0	0.328	247.7	-41.1	-4.78	1.291	82.9	0.671	2.976	17.6	182.3	0.9800	4.972	4.96	0.259	85.2	124.2	8.8	0.204
		6.93	7.03	13.96	ONE	4.686	38.0	1.9	94.1										
45800.0	46760.0	0.357	244.7	-32.1	-2.97	1.288	78.9	0.678	2.965	27.5	182.5	0.9560	4.973	3.04	0.256	84.9	123.8	6.3	0.206
		7.52	7.04	14.56	ONE	4.686	38.0	1.9	94.4										
45810.0	46760.0	0.405	243.5	-28.1	-2.20	1.285	74.8	0.688	2.948	37.5	182.6	0.9200	4.975	2.16	0.252	84.2	123.1	5.2	0.209
		8.56	7.07	15.63	ONE	4.686	38.0	1.9	95.1										
45820.0	46760.0	0.465	244.2	-26.1	-1.79	1.282	70.7	0.702	2.926	47.5	182.9	0.8730	4.978	1.63	0.247	83.3	122.3	4.5	0.215
		9.90	7.12	17.02	ONE	4.686	38.0	1.9	95.9										
45830.0	46760.0	0.531	246.4	-25.1	-1.55	1.279	66.4	0.719	2.899	57.4	183.1	0.8150	4.983	1.26	0.241	82.1	121.3	4.0	0.222
		11.49	7.18	18.68	ONE	4.686	38.0	1.9	96.8										
45840.0	46760.0	0.603	249.7	-24.8	-1.40	1.276	62.0	0.739	2.868	67.3	183.4	0.7480	4.988	0.97	0.233	80.6	120.4	3.6	0.232
		13.28	7.27	20.55	ONE	4.686	38.0	1.9	97.7										
ARRIVAL DATE = 2446780.0																			
45710.0	46780.0	0.583	273.8	-20.6	1.38	1.300	115.5	0.736	2.901	298.7	545.9	0.767	5.034	-0.22	0.242	74.3	115.3	2.6	0.234
		12.77	7.29	20.07	TWO	5.000	39.8	2.0	104.6										
45720.0	46780.0	0.515	277.4	-19.7	1.51	1.300	111.2	0.717	2.922	308.4	545.4	0.828	5.016	-0.51	0.247	76.9	117.1	2.2	0.225
		11.11	7.20	18.31	TWO	5.000	39.8	2.0	102.8										
45730.0	46780.0	0.453	279.8	-18.4	1.74	1.300	107.1	0.701	2.942	318.0	544.8	0.881	5.002	-0.88	0.251	79.0	118.8	1.7	0.217
		9.63	7.13	16.77	TWO	5.000	39.8	2.0	101.1										
45740.0	46780.0	0.398	280.4	-16.3	2.12	1.300	103.1	0.688	2.958	327.7	544.3	0.924	4.992	-1.39	0.255	80.6	120.3	1.0	0.211
		8.39	7.08	15.47	TWO	5.000	39.8	2.0	99.6										
45750.0	46780.0	0.352	278.8	-12.8	2.83	1.299	99.1	0.678	2.972	337.3	543.9	0.958	4.986	-2.22	0.258	81.9	121.5	-0.1	0.207
		7.43	7.05	14.47	TWO	5.000	39.8	2.0	98.4										
45760.0	46780.0	0.324	274.8	-5.3	4.46	1.297	95.2	0.671	2.981	347.0	543.6	0.981	4.981	-3.96	0.260	82.8	122.3	-2.4	0.205
		6.86	7.03	13.89	TWO	5.000	39.8	2.0	97.4										
45770.0	46780.0	0.366	269.5	19.5	11.10	1.296	91.3	0.667	2.986	356.8	543.4	0.993	4.978	-10.72	0.261	83.3	122.8	-10.6	0.212
		7.71	7.09	14.80	TWO	5.000	39.8	2.0	96.5										
45780.0	46780.0	0.492	199.3	-84.1	-20.01	1.293	87.2	0.667	2.985	7.0	183.3	0.9930	4.977	20.29	0.261	83.5	124.5	25.0	0.235
		10.54	7.30	17.84	ONE	5.000	39.8	2.0	95.6										
45790.0	46780.0	0.330	248.9	-44.0	-5.46	1.291	83.3	0.670	2.980	16.7	183.2	0.9820	4.977	5.62	0.260	83.5	123.6	9.6	0.205
		6.97	7.04	14.00	ONE	5.000	39.8	2.0	96.5										
45800.0	46780.0	0.354	245.9	-33.3	-3.21	1.288	79.3	0.677	2.969	26.6	183.3	0.9590	4.979	3.26	0.257	83.1	123.2	6.6	0.206
		7.45	7.04	14.50	ONE	5.000	39.8	2.0	96.9										
45810.0	46780.0	0.401	244.5	-28.7	-2.33	1.285	75.2	0.687	2.953	36.5	183.5	0.9240	4.981	2.26	0.254	82.4	122.6	5.3	0.210
		8.45	7.07	15.52	ONE	5.000	39.8	2.0	97.4										
45820.0	46780.0	0.459	245.1	-26.5	-1.87	1.282	71.1	0.700	2.932	46.5	183.7	0.8780	4.985	1.68	0.249	81.5	121.8	4.5	0.216
		9.76	7.12	16.88	ONE	5.000	39.8	2.0	98.1										
45830.0	46780.0	0.524	247.2	-25.4	-1.60	1.279	66.9	0.717	2.906	56.4	183.9	0.8220	4.991	1.29	0.243	80.2	121.0	4.0	0.223
		11.32	7.19	18.51	ONE	5.000	39.8	2.0	99.0										
45840.0	46780.0	0.595	250.5	-25.0	-1.43	1.276	62.5	0.737	2.876	66.2	184.1	0.7560	4.997	0.98	0.235	78.7	120.1	3.6	0.232
		13.09	7.27	20.36	ONE	5.000	39.8	2.0	99.8										
ARRIVAL DATE = 2446800.0																			
45710.0	46800.0	0.592	274.6	-20.7	1.37	1.300	116.0	0.739	2.906	297.6	546.6	0.759	5.052	-0.22	0.243	72.3	115.1	2.6	0.238
		13.00	7.33	20.32	TWO	5.302	41.7	2.0	106.7										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45720.0	46800.0	0.523	278.3	-19.8	1.49	1.300	111.7	0.719	2.927	307.3	546.1	0.822	5.032	-0.50	0.248	74.9	116.7	2.2	0.228
		11.30	7.23	18.53	TWO	5.302	41.7	2.0	105.0										
45730.0	46800.0	0.460	280.7	-18.5	1.70	1.300	107.6	0.703	2.946	317.0	545.6	0.876	5.016	-0.85	0.253	77.1	118.3	1.7	0.219
		9.79	7.16	16.95	TWO	5.302	41.7	2.0	103.4										
45740.0	46800.0	0.404	281.5	-16.6	2.05	1.300	103.5	0.689	2.962	326.7	545.2	0.920	5.004	-1.34	0.256	78.8	119.7	1.1	0.213
		8.51	7.10	15.61	TWO	5.302	41.7	2.0	102.0										
45750.0	46800.0	0.357	280.1	-13.4	2.69	1.299	99.5	0.679	2.975	336.4	544.8	0.955	4.996	-2.09	0.259	80.1	120.9	0.1	0.208
		7.51	7.06	14.57	TWO	5.302	41.7	2.0	100.8										
45760.0	46800.0	0.325	276.3	-7.0	4.06	1.297	95.6	0.672	2.985	346.1	544.5	0.979	4.990	-3.58	0.261	81.0	121.8	-1.9	0.206
		6.88	7.04	13.92	TWO	5.302	41.7	2.0	99.8										
45770.0	46800.0	0.342	270.7	11.9	8.78	1.296	91.7	0.668	2.989	355.8	544.2	0.992	4.987	-8.41	0.262	81.6	122.3	-7.9	0.209
		7.21	7.07	14.27	TWO	5.302	41.7	2.0	99.0										
45790.0	46800.0	0.333	249.9	-47.6	-6.35	1.291	83.7	0.670	2.985	15.7	184.1	0.984D	4.985	6.49	0.261	81.8	123.1	10.7	0.207
		7.04	7.05	14.09	ONE	5.302	41.7	2.0	98.8										
45800.0	46800.0	0.351	247.1	-34.7	-3.50	1.288	79.7	0.677	2.974	25.6	184.2	0.962D	4.987	3.52	0.259	81.4	122.7	6.9	0.207
		7.40	7.05	14.45	ONE	5.302	41.7	2.0	99.2										
45810.0	46800.0	0.396	245.6	-29.4	-2.46	1.286	75.6	0.686	2.959	35.5	184.3	0.929D	4.990	2.38	0.256	80.7	122.1	5.4	0.211
		8.34	7.08	15.42	ONE	5.302	41.7	2.0	99.7										
45820.0	46800.0	0.453	246.1	-26.9	-1.95	1.283	71.5	0.699	2.939	45.4	184.5	0.884D	4.994	1.74	0.251	79.8	121.5	4.6	0.216
		9.62	7.13	16.75	ONE	5.302	41.7	2.0	100.3										
45830.0	46800.0	0.517	248.1	-25.7	-1.65	1.280	67.3	0.716	2.914	55.3	184.7	0.828D	5.000	1.32	0.245	78.6	120.7	4.1	0.224
		11.15	7.19	18.35	ONE	5.302	41.7	2.0	101.1										
45840.0	46800.0	0.588	251.3	-25.2	-1.47	1.277	63.0	0.735	2.886	65.1	184.8	0.764D	5.008	1.00	0.238	77.0	119.9	3.7	0.233
		12.89	7.27	20.17	ONE	5.302	41.7	2.0	101.9										

ARRIVAL DATE = 2446820.0

45710.0	46820.0	0.601	275.4	-20.7	1.36	1.300	116.5	0.742	2.912	296.5	547.3	0.751	5.073	-0.22	0.245	70.4	114.9	2.6	0.242
		13.23	7.36	20.60	TWO	5.564	43.5	2.1	108.7										
45720.0	46820.0	0.532	279.1	-19.8	1.47	1.301	112.2	0.722	2.932	306.2	546.9	0.815	5.050	-0.49	0.250	73.1	116.5	2.2	0.231
		11.50	7.26	18.76	TWO	5.564	43.5	2.1	107.1										
45730.0	46820.0	0.467	281.7	-18.6	1.67	1.301	108.0	0.705	2.951	316.0	546.4	0.871	5.032	-0.83	0.254	75.3	118.0	1.8	0.222
		9.96	7.18	17.14	TWO	5.564	43.5	2.1	105.6										
45740.0	46820.0	0.410	282.7	-16.8	1.99	1.300	103.9	0.691	2.967	325.7	546.0	0.916	5.018	-1.28	0.258	77.0	119.3	1.2	0.215
		8.65	7.12	15.77	TWO	5.564	43.5	2.1	104.2										
45750.0	46820.0	0.361	281.5	-13.9	2.55	1.299	99.9	0.680	2.980	335.4	545.6	0.952	5.008	-1.98	0.261	78.4	120.4	0.2	0.210
		7.61	7.08	14.68	TWO	5.564	43.5	2.1	103.1										
45760.0	46820.0	0.327	277.8	-8.4	3.73	1.298	96.0	0.673	2.989	345.1	545.3	0.977	5.001	-3.27	0.263	79.3	121.3	-1.4	0.207
		6.92	7.05	13.97	TWO	5.564	43.5	2.1	102.1										
45770.0	46820.0	0.329	272.0	6.5	7.27	1.296	92.1	0.669	2.994	354.9	545.1	0.992	4.997	-6.92	0.264	79.9	121.8	-6.0	0.209
		6.95	7.06	14.01	TWO	5.564	43.5	2.1	101.4										
45790.0	46820.0	0.341	250.7	-52.2	-7.56	1.291	84.1	0.670	2.990	14.8	184.9	0.986D	4.995	7.68	0.263	80.1	122.7	12.1	0.210
		7.20	7.07	14.27	ONE	5.564	43.5	2.1	101.0										
45800.0	46820.0	0.348	248.4	-36.2	-3.83	1.289	80.1	0.676	2.981	24.6	185.0	0.965D	4.997	3.84	0.261	79.8	122.3	7.3	0.209
		7.34	7.06	14.41	ONE	5.564	43.5	2.1	101.4										
45810.0	46820.0	0.391	246.8	-30.2	-2.62	1.286	76.1	0.686	2.966	34.5	185.1	0.933D	5.000	2.51	0.258	79.1	121.8	5.6	0.212
		8.24	7.09	15.33	ONE	5.564	43.5	2.1	101.8										
45820.0	46820.0	0.447	247.1	-27.4	-2.04	1.283	72.0	0.698	2.947	44.4	185.2	0.889D	5.005	1.81	0.253	78.2	121.2	4.7	0.217
		9.48	7.14	16.62	ONE	5.564	43.5	2.1	102.4										
45830.0	46820.0	0.510	249.0	-26.1	-1.71	1.280	67.8	0.714	2.924	54.2	185.4	0.835D	5.012	1.35	0.248	77.0	120.5	4.1	0.224
		10.98	7.20	18.18	ONE	5.564	43.5	2.1	103.1										
45840.0	46820.0	0.580	252.1	-25.4	-1.51	1.277	63.5	0.733	2.896	63.9	185.5	0.772D	5.020	1.02	0.241	75.4	119.8	3.7	0.233
		12.69	7.28	19.98	ONE	5.564	43.5	2.1	103.8										

ARRIVAL DATE = 2446840.0

45710.0	46840.0	0.611	276.2	-20.8	1.35	1.300	117.1	0.745	2.919	295.3	547.9	0.743	5.095	-0.21	0.247	68.5	114.9	2.6	0.246
		13.48	7.40	20.88	TWO	5.767	45.3	2.2	110.5										
45720.0	46840.0	0.540	280.0	-19.9	1.46	1.301	113.7	0.725	2.939	305.1	547.6	0.808	5.069	-0.48	0.252	71.3	116.4	2.3	0.235
		11.71	7.29	19.00	TWO	5.767	45.3	2.2	109.0										
45730.0	46840.0	0.475	282.7	-18.7	1.63	1.301	108.5	0.708	2.957	314.9	547.2	0.865	5.049	-0.81	0.256	73.5	117.8	1.8	0.225
		10.14	7.21	17.35	TWO	5.767	45.3	2.2	107.6										
45740.0	46840.0	0.416	283.8	-17.0	1.92	1.300	104.4	0.693	2.973	324.6	546.8	0.912	5.034	-1.24	0.259	75.3	119.0	1.3	0.218
		8.79	7.14	15.93	TWO	5.767	45.3	2.2	106.3										
45750.0	46840.0	0.366	282.8	-14.4	2.43	1.299	100.4	0.682	2.986	334.4	546.4	0.949	5.022	-1.87	0.262	76.7	120.1	0.4	0.213
		7.71	7.10	14.81	TWO	5.767	45.3	2.2	105.2										
45760.0	46840.0	0.330	279.3	-9.5	3.45	1.298	96.4	0.674	2.995	344.1	546.1	0.976	5.014	-3.01	0.264	77.7	120.9	-1.1	0.209
		6.97	7.07	14.04	TWO	5.767	45.3	2.2	104.3										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45770.0	46840.0	0.322	273.6	2.4	6.21	1.296	92.5	0.670	3.000	353.9	545.9	0.991	5.009	-5.89	0.265	78.3	121.5	-4.7	0.209
		6.81	7.07	13.88	TWO	5.767	45.3	2.2	103.6										
45790.0	46840.0	0.356	250.9	-58.4	-9.31	1.292	84.5	0.671	2.997	13.8	185.8	0.9870	5.007	9.41	0.264	78.6	122.5	14.0	0.214
		7.50	7.11	14.61	ONE	5.767	45.3	2.2	102.9										
45800.0	46840.0	0.346	249.8	-38.0	-4.23	1.289	80.5	0.676	2.988	23.6	185.8	0.9680	5.008	4.22	0.263	78.3	122.0	7.8	0.210
		7.30	7.08	14.38	ONE	5.767	45.3	2.2	103.5										
45810.0	46840.0	0.386	248.0	-31.1	-2.79	1.286	76.5	0.685	2.975	33.4	185.9	0.9370	5.012	2.66	0.260	77.6	121.6	5.8	0.213
		8.13	7.10	15.24	ONE	5.767	45.3	2.2	103.9										
45820.0	46840.0	0.440	248.2	-27.9	-2.13	1.283	72.4	0.697	2.956	43.3	186.0	0.8950	5.018	1.88	0.256	76.7	121.0	4.8	0.218
		9.34	7.15	16.49	ONE	5.767	45.3	2.2	104.4										
45830.0	46840.0	0.503	249.9	-26.4	-1.77	1.281	68.3	0.713	2.934	53.1	186.1	0.8420	5.025	1.39	0.250	75.5	120.4	4.1	0.225
		10.81	7.21	18.02	ONE	5.767	45.3	2.2	105.0										
45840.0	46840.0	0.572	252.9	-25.6	-1.55	1.278	64.0	0.732	2.907	62.8	186.2	0.7800	5.034	1.04	0.244	73.9	119.8	3.7	0.234
		12.50	7.29	19.79	ONE	5.767	45.3	2.2	105.7										
45850.0	46840.0	0.645	256.9	-25.3	-1.41	1.275	59.7	0.753	2.877	72.4	186.2	0.7100	5.044	0.76	0.237	72.1	119.2	3.4	0.245
		14.35	7.39	21.75	ONE	5.767	45.3	2.2	106.3										

ARRIVAL DATE = 2446860.0

45710.0	46860.0	0.621	277.0	-20.8	1.35	1.301	117.6	0.749	2.927	294.1	548.6	0.734	5.119	-0.21	0.249	66.7	115.0	2.6	0.250
		13.74	7.44	21.18	TWO	5.898	47.2	2.2	112.3										
45720.0	46860.0	0.549	280.9	-19.9	1.44	1.301	113.2	0.728	2.946	303.9	548.2	0.801	5.091	-0.48	0.253	69.5	116.3	2.3	0.238
		11.93	7.33	19.26	TWO	5.898	47.2	2.2	110.9										
45730.0	46860.0	0.483	283.7	-18.8	1.60	1.301	109.0	0.710	2.964	313.8	547.9	0.859	5.069	-0.79	0.257	71.8	117.7	1.9	0.229
		10.32	7.24	17.56	TWO	5.898	47.2	2.2	109.6										
45740.0	46860.0	0.423	284.9	-17.1	1.87	1.301	104.8	0.695	2.979	323.5	547.5	0.907	5.051	-1.20	0.261	73.7	118.8	1.3	0.221
		8.94	7.17	16.11	TWO	5.898	47.2	2.2	108.3										
45750.0	46860.0	0.371	284.2	-14.8	2.33	1.300	100.8	0.684	2.992	333.3	547.2	0.946	5.039	-1.78	0.264	75.1	119.9	0.5	0.215
		7.82	7.12	14.94	TWO	5.898	47.2	2.2	107.3										
45760.0	46860.0	0.333	280.9	-10.5	3.21	1.298	96.8	0.676	3.001	343.1	546.9	0.974	5.029	-2.79	0.266	76.1	120.7	-0.8	0.212
		7.03	7.09	14.12	TWO	5.898	47.2	2.2	106.4										
45770.0	46860.0	0.318	275.2	-9.7	5.43	1.296	92.9	0.671	3.007	352.9	546.7	0.990	5.023	-5.12	0.267	76.8	121.2	-3.7	0.211
		6.74	7.08	13.82	TWO	5.898	47.2	2.2	105.7										
45780.0	46860.0	0.471	268.8	38.4	18.72	1.294	89.0	0.669	3.008	2.5	186.6	0.9960	5.020	-18.53	0.267	77.1	122.0	-18.0	0.235
		10.05	7.30	17.35	TWO	5.898	47.2	2.2	103.7										
45790.0	46860.0	0.385	249.1	-67.0	-12.08	1.292	84.9	0.671	3.004	12.7	186.5	0.9890	5.020	12.16	0.266	77.1	122.6	16.9	0.221
		8.12	7.17	15.29	ONE	5.898	47.2	2.2	104.6										
45800.0	46860.0	0.345	251.2	-40.1	-4.72	1.289	80.9	0.676	2.996	22.5	186.5	0.9710	5.022	4.68	0.264	76.8	121.8	8.3	0.212
		7.28	7.09	14.37	ONE	5.898	47.2	2.2	105.5										
45810.0	46860.0	0.382	249.3	-32.0	-2.99	1.287	76.9	0.684	2.983	32.3	186.6	0.9410	5.026	2.84	0.262	76.2	121.4	6.0	0.215
		8.04	7.12	15.15	ONE	5.898	47.2	2.2	105.9										
45820.0	46860.0	0.434	249.3	-28.5	-2.24	1.284	72.9	0.696	2.966	42.1	186.7	0.9000	5.032	1.97	0.258	75.3	120.9	4.9	0.220
		9.20	7.16	16.36	ONE	5.898	47.2	2.2	106.3										
45830.0	46860.0	0.496	250.9	-26.7	-1.83	1.281	68.7	0.712	2.944	51.9	186.8	0.8490	5.039	1.44	0.253	74.1	120.4	4.2	0.227
		10.64	7.22	17.86	ONE	5.898	47.2	2.2	106.9										
45840.0	46860.0	0.564	253.8	-25.9	-1.59	1.278	64.5	0.730	2.918	61.6	186.8	0.7880	5.049	1.06	0.247	72.5	119.8	3.7	0.235
		12.30	7.30	19.60	ONE	5.898	47.2	2.2	107.4										
45850.0	46860.0	0.636	257.7	-25.5	-1.44	1.275	60.2	0.751	2.890	71.2	186.8	0.7190	5.060	0.77	0.240	70.7	119.3	3.4	0.246
		14.13	7.40	21.53	ONE	5.898	47.2	2.2	108.0										

ARRIVAL DATE = 2446880.0

45710.0	46880.0	0.632	277.8	-20.8	1.34	1.301	118.2	0.753	2.935	292.8	549.1	0.725	5.145	-0.21	0.251	65.0	115.2	2.6	0.254
		14.01	7.49	21.49	TWO	5.950	49.0	2.3	113.9										
45720.0	46880.0	0.559	281.8	-20.0	1.42	1.302	113.8	0.731	2.954	302.8	548.9	0.793	5.114	-0.47	0.255	67.9	116.4	2.3	0.242
		12.16	7.37	19.53	TWO	5.950	49.0	2.3	112.6										
45730.0	46880.0	0.491	284.7	-18.8	1.57	1.301	109.5	0.713	2.971	312.6	548.6	0.853	5.090	-0.77	0.259	70.2	117.7	1.9	0.232
		10.52	7.27	17.79	TWO	5.950	49.0	2.3	111.4										
45740.0	46880.0	0.430	286.1	-17.3	1.81	1.301	105.3	0.698	2.987	322.4	548.2	0.902	5.071	-1.16	0.263	72.1	118.8	1.4	0.224
		9.10	7.20	16.30	TWO	5.950	49.0	2.3	110.2										
45750.0	46880.0	0.377	285.5	-15.1	2.23	1.300	101.3	0.686	2.999	332.2	547.9	0.942	5.056	-1.70	0.265	73.6	119.7	0.7	0.218
		7.94	7.15	15.09	TWO	5.950	49.0	2.3	109.3										
45760.0	46880.0	0.336	282.5	-11.3	3.01	1.299	97.3	0.677	3.009	342.0	547.7	0.971	5.046	-2.60	0.267	74.6	120.5	-0.5	0.214
		7.10	7.11	14.21	TWO	5.950	49.0	2.3	108.4										
45770.0	46880.0	0.317	277.0	-3.2	4.82	1.297	93.3	0.672	3.014	351.8	547.5	0.989	5.039	-4.54	0.268	75.3	121.1	-2.9	0.213
		6.71	7.10	13.81	TWO	5.950	49.0	2.3	107.8										
45780.0	46880.0	0.388	270.2	24.9	12.96	1.295	89.4	0.670	3.016	1.5	187.3	0.9960	5.035	-12.79	0.269	75.7	121.6	-12.4	0.223
		8.18	7.19	15.37	TWO	5.950	49.0	2.3	106.5										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	T L LEG	V I COAST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45790.0	46880.0	0.452	235.4	-78.9	-17.07	1.297	85.3	0.671	3.013	11.7	187.3	0.991D	5.035	17.13	0.268	75.7	123.1	21.7	0.234
		9.60	7.29	16.89	ONE	5.950	49.0	2.3	105.6										
45800.0	46880.0	0.345	252.6	-42.7	-5.33	1.290	81.4	0.676	3.005	21.4	187.3	0.974D	5.036	5.28	0.266	75.4	121.8	9.0	0.214
		7.28	7.11	14.39	ONE	5.950	49.0	2.3	107.4										
45810.0	46880.0	0.377	250.7	-33.1	-3.21	1.287	77.4	0.684	2.993	31.2	187.3	0.946D	5.041	3.04	0.264	74.8	121.4	6.2	0.217
		7.94	7.13	15.07	ONE	5.950	49.0	2.3	107.7										
45820.0	46880.0	0.428	250.4	-29.1	-2.35	1.284	73.3	0.696	2.976	41.0	187.4	0.906D	5.047	2.06	0.260	73.9	121.0	5.0	0.221
		9.07	7.17	16.24	ONE	5.950	49.0	2.3	108.2										
45830.0	46880.0	0.489	251.9	-27.1	-1.90	1.282	69.2	0.710	2.955	50.7	187.4	0.856D	5.055	1.49	0.256	72.7	120.5	4.2	0.228
		10.47	7.23	17.71	ONE	5.950	49.0	2.3	108.6										
45840.0	46880.0	0.556	254.7	-26.1	-1.63	1.279	65.0	0.728	2.931	60.4	187.5	0.796D	5.065	1.09	0.250	71.2	120.0	3.7	0.237
		12.10	7.31	19.42	ONE	5.950	49.0	2.3	109.1										
45850.0	46880.0	0.628	258.5	-25.6	-1.47	1.276	60.7	0.749	2.903	70.0	187.4	0.728D	5.077	0.78	0.243	69.4	119.5	3.4	0.247
		13.91	7.41	21.32	ONE	5.950	49.0	2.3	109.6										

ARRIVAL DATE = 2446900.0

45710.0	46900.0	0.642	278.6	-20.8	1.33	1.302	118.8	0.757	2.944	291.6	549.7	0.715	5.172	-0.21	0.253	63.4	115.5	2.6	0.259
		14.29	7.53	21.82	TWO	5.921	50.8	2.4	115.4										
45720.0	46900.0	0.568	282.7	-20.0	1.41	1.302	114.4	0.735	2.962	301.5	549.5	0.785	5.139	-0.46	0.257	66.3	116.6	2.3	0.246
		12.41	7.41	19.81	TWO	5.921	50.8	2.4	114.3										
45730.0	46900.0	0.500	285.7	-18.9	1.54	1.302	110.0	0.716	2.979	311.4	549.2	0.846	5.113	-0.76	0.261	68.7	117.8	1.9	0.236
		10.73	7.31	18.03	TWO	5.921	50.8	2.4	113.1										
45740.0	46900.0	0.437	287.3	-17.6	1.76	1.301	105.8	0.700	2.995	321.3	548.9	0.897	5.092	-1.12	0.264	70.6	118.8	1.5	0.228
		9.27	7.23	16.50	TWO	5.921	50.8	2.4	112.0										
45750.0	46900.0	0.383	286.9	-15.4	2.14	1.300	101.7	0.688	3.007	331.1	548.6	0.938	5.076	-1.63	0.267	72.1	119.7	0.8	0.221
		8.07	7.17	15.24	TWO	5.921	50.8	2.4	111.1										
45760.0	46900.0	0.340	284.1	-12.0	2.82	1.299	97.7	0.679	3.017	340.9	548.4	0.969	5.064	-2.44	0.269	73.2	120.5	-0.3	0.217
		7.18	7.13	14.32	TWO	5.921	50.8	2.4	110.3										
45770.0	46900.0	0.317	278.8	-5.2	4.34	1.297	93.7	0.673	3.022	350.7	548.2	0.988	5.057	-4.07	0.270	74.0	121.0	-2.3	0.215
		6.71	7.11	13.83	TWO	5.921	50.8	2.4	109.7										
45780.0	46900.0	0.352	271.9	15.8	9.90	1.295	89.8	0.671	3.024	0.5	188.1	0.996D	5.052	-9.75	0.271	74.3	121.4	-9.0	0.220
		7.41	7.16	14.57	TWO	5.921	50.8	2.4	108.7										
45790.0	46900.0	0.633	117.1	-78.5	-28.44	1.293	85.7	0.672	3.022	10.8	188.0	0.992D	5.051	28.48	0.270	74.4	124.9	29.6	0.272
		14.05	7.67	21.72	ONE	5.921	50.8	2.4	105.0										
45800.0	46900.0	0.347	254.0	-45.9	-6.12	1.290	81.8	0.676	3.015	20.3	188.0	0.977D	5.053	6.04	0.269	74.1	121.8	9.8	0.217
		7.31	7.14	14.45	ONE	5.921	50.8	2.4	109.1										
45810.0	46900.0	0.373	252.1	-34.3	-3.47	1.288	77.8	0.684	3.003	30.1	188.0	0.950D	5.057	3.28	0.266	73.6	121.4	6.5	0.218
		7.86	7.15	15.00	ONE	5.921	50.8	2.4	109.5										
45820.0	46900.0	0.422	251.6	-29.7	-2.47	1.285	73.8	0.695	2.987	39.9	188.0	0.911D	5.063	2.17	0.263	72.7	121.0	5.1	0.223
		8.93	7.19	16.12	ONE	5.921	50.8	2.4	109.9										
45830.0	46900.0	0.482	252.9	-27.5	-1.97	1.282	69.7	0.709	2.967	49.6	188.1	0.863D	5.072	1.54	0.259	71.5	120.6	4.3	0.230
		10.31	7.25	17.55	ONE	5.921	50.8	2.4	110.3										
45840.0	46900.0	0.548	255.6	-26.4	-1.67	1.279	65.5	0.727	2.943	59.2	188.1	0.804D	5.083	1.12	0.253	70.0	120.2	3.8	0.238
		11.91	7.32	19.23	ONE	5.921	50.8	2.4	110.7										
45850.0	46900.0	0.619	259.3	-25.8	-1.49	1.277	61.3	0.747	2.916	68.7	188.0	0.737D	5.095	0.79	0.247	68.2	119.8	3.4	0.248
		13.69	7.42	21.11	ONE	5.921	50.8	2.4	111.1										

ARRIVAL DATE = 2446920.0

45720.0	46920.0	0.579	283.6	-20.0	1.39	1.302	114.9	0.739	2.971	300.3	550.0	0.777	5.166	-0.46	0.260	64.7	116.9	2.3	0.251
		12.66	7.45	20.11	TWO	5.814	52.6	2.4	115.8										
45730.0	46920.0	0.509	286.7	-18.9	1.51	1.302	110.6	0.719	2.988	310.2	549.8	0.839	5.137	-0.74	0.263	67.2	118.0	2.0	0.240
		10.94	7.34	18.29	TWO	5.814	52.6	2.4	114.7										
45740.0	46920.0	0.445	288.4	-17.5	1.72	1.302	106.3	0.703	3.003	320.1	549.6	0.892	5.114	-1.09	0.266	69.2	118.9	1.5	0.231
		9.45	7.26	16.71	TWO	5.814	52.6	2.4	113.7										
45750.0	46920.0	0.390	288.3	-15.6	2.06	1.301	102.2	0.690	3.016	329.9	549.3	0.934	5.097	-1.57	0.269	70.7	119.8	0.9	0.224
		8.21	7.20	15.41	TWO	5.814	52.6	2.4	112.9										
45760.0	46920.0	0.345	285.8	-12.6	2.67	1.299	98.2	0.681	3.025	339.8	549.1	0.966	5.084	-2.30	0.271	71.8	120.5	-0.1	0.220
		7.28	7.16	14.43	TWO	5.814	52.6	2.4	112.1										
45770.0	46920.0	0.318	280.6	-6.8	3.95	1.297	94.2	0.674	3.031	349.6	548.9	0.987	5.075	-3.70	0.272	72.6	121.0	-1.8	0.217
		6.73	7.14	13.87	TWO	5.814	52.6	2.4	111.5										
45780.0	46920.0	0.333	273.6	9.4	8.00	1.295	90.3	0.672	3.033	359.4	548.8	0.996	5.070	-7.87	0.272	73.0	121.4	-6.7	0.220
		7.03	7.16	14.19	TWO	5.814	52.6	2.4	110.7										
45800.0	46920.0	0.351	255.3	-50.0	-7.18	1.291	82.3	0.676	3.025	19.2	188.7	0.979D	5.070	7.08	0.271	72.9	122.0	10.9	0.220
		7.41	7.16	14.57	ONE	5.814	52.6	2.4	110.7										
45810.0	46920.0	0.369	253.6	-35.7	-3.77	1.288	78.3	0.684	3.014	28.9	188.7	0.954D	5.074	3.56	0.269	72.3	121.6	6.8	0.220
		7.77	7.17	14.94	ONE	5.814	52.6	2.4	111.2										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45820.0	46920.0	0.416 8.80	252.9 7.20	-30.4 16.00	-2.61 ONE	1.285 5.814	74.3 52.6	0.694 2.4	2.999 111.6	38.7	188.7	0.917D	5.081	2.29	0.265	71.5	121.2	5.2	0.225
45830.0	46920.0	0.475 10.14	254.0 7.26	-27.9 17.40	-2.05 ONE	1.283 5.814	70.2 52.6	0.708 2.4	2.980 111.9	48.4	188.7	0.869D	5.090	1.60	0.261	70.3	120.8	4.3	0.231
45840.0	46920.0	0.540 11.71	256.6 7.34	-26.6 19.05	-1.72 ONE	1.280 5.814	66.1 52.6	0.725 2.4	2.957 112.3	58.0	188.7	0.812D	5.101	1.15	0.256	68.9	120.5	3.8	0.239
45850.0	46920.0	0.611 13.47	260.2 7.43	-26.0 20.90	-1.52 ONE	1.277 5.814	61.8 52.6	0.745 2.4	2.930 112.6	67.5	188.6	0.747D	5.114	0.81	0.250	67.1	120.1	3.4	0.249
ARRIVAL DATE = 2446940.0																			
45720.0	46940.0	0.589 12.93	284.5 7.49	-20.0 20.42	1.38 TWO	1.303 5.637	115.5 54.5	0.742 2.5	2.981 117.3	299.0	550.6	0.768	5.194	-0.45	0.262	63.2	117.3	2.3	0.255
45730.0	46940.0	0.518 11.17	287.7 7.38	-18.9 18.55	1.49 TWO	1.303 5.637	111.1 54.5	0.723 2.5	2.997 116.3	309.0	550.4	0.832	5.163	-0.73	0.265	65.7	118.3	2.0	0.244
45740.0	46940.0	0.453 9.64	289.6 7.30	-17.6 16.93	1.67 TWO	1.302 5.637	106.9 54.5	0.706 2.5	3.012 115.4	318.9	550.2	0.886	5.138	-1.06	0.268	67.8	119.2	1.6	0.235
45750.0	46940.0	0.396 8.36	289.7 7.23	-15.8 15.59	1.98 TWO	1.301 5.637	102.7 54.5	0.693 2.5	3.025 114.5	328.8	550.0	0.930	5.119	-1.51	0.271	69.3	120.0	1.0	0.228
45760.0	46940.0	0.350 7.38	287.4 7.18	-13.1 14.56	2.52 TWO	1.300 5.637	98.7 54.5	0.683 2.5	3.034 113.8	338.6	549.8	0.963	5.105	-2.18	0.273	70.5	120.7	0.1	0.223
45770.0	46940.0	0.320 6.77	282.5 7.16	-8.1 13.93	3.62 TWO	1.298 5.637	94.7 54.5	0.676 2.5	3.040 113.2	348.4	549.6	0.985	5.095	-3.39	0.274	71.3	121.2	-1.4	0.220
45780.0	46940.0	0.323 6.83	275.6 7.17	4.7 14.00	6.71 TWO	1.296 5.637	90.7 54.5	0.673 2.5	3.043 112.6	358.2	549.5	0.996	5.090	-6.61	0.274	71.8	121.5	-5.2	0.221
45800.0	46940.0	0.361 7.61	256.3 7.20	-55.3 14.81	-8.67 ONE	1.291 5.637	82.7 54.5	0.676 2.5	3.035 112.2	18.0	189.4	0.982D	5.089	8.56	0.273	71.7	122.3	12.5	0.224
45810.0	46940.0	0.366 7.70	255.1 7.18	-37.2 14.89	-4.13 ONE	1.288 5.637	78.8 54.5	0.683 2.5	3.025 112.8	27.8	189.3	0.958D	5.093	3.90	0.271	71.2	121.8	7.1	0.223
45820.0	46940.0	0.411 8.67	254.2 7.22	-31.1 15.89	-2.77 ONE	1.286 5.637	74.8 54.5	0.694 2.5	3.011 113.1	37.5	189.3	0.922D	5.100	2.42	0.268	70.4	121.5	5.3	0.227
45830.0	46940.0	0.468 9.98	255.2 7.28	-28.3 17.25	-2.13 ONE	1.283 5.637	70.7 54.5	0.707 2.5	2.992 113.4	47.1	189.3	0.876D	5.109	1.66	0.264	69.2	121.1	4.4	0.233
45840.0	46940.0	0.532 11.52	257.6 7.35	-26.9 18.87	-1.77 ONE	1.281 5.637	66.6 54.5	0.724 2.5	2.970 113.8	56.7	189.3	0.820D	5.121	1.18	0.259	67.8	120.8	3.8	0.241
45850.0	46940.0	0.602 13.25	261.1 7.45	-26.1 20.70	-1.56 ONE	1.278 5.637	62.4 54.5	0.743 2.5	2.945 114.1	66.2	189.2	0.756D	5.134	0.83	0.254	66.0	120.5	3.4	0.250
ARRIVAL DATE = 2446960.0																			
45720.0	46960.0	0.600 13.20	285.4 7.54	-20.0 20.74	1.36 TWO	1.303 5.401	116.2 56.3	0.746 2.6	2.991 118.6	297.6	551.1	0.759	5.223	-0.45	0.264	61.8	117.8	2.3	0.260
45730.0	46960.0	0.528 11.41	288.7 7.42	-19.0 18.83	1.46 TWO	1.303 5.401	111.7 56.3	0.726 2.6	3.007 117.7	307.7	551.0	0.824	5.190	-0.72	0.267	64.3	118.6	2.0	0.248
45740.0	46960.0	0.462 9.83	290.8 7.33	-17.6 17.17	1.63 TWO	1.302 5.401	107.4 56.3	0.709 2.6	3.022 116.9	317.6	550.8	0.880	5.164	-1.04	0.270	66.4	119.5	1.6	0.239
45750.0	46960.0	0.404 8.51	291.1 7.26	-16.0 15.78	1.91 TWO	1.301 5.401	103.2 56.3	0.695 2.6	3.034 116.1	327.5	550.6	0.925	5.143	-1.46	0.273	68.0	120.3	1.1	0.231
45760.0	46960.0	0.355 7.49	289.1 7.21	-13.5 14.70	2.40 TWO	1.300 5.401	99.2 56.3	0.685 2.6	3.044 115.4	337.4	550.4	0.960	5.128	-2.07	0.275	69.3	120.9	0.3	0.226
45770.0	46960.0	0.322 6.82	284.4 7.18	-9.2 14.01	3.34 TWO	1.298 5.401	95.1 56.3	0.678 2.6	3.050 114.9	347.3	550.2	0.983	5.117	-3.14	0.276	70.1	121.4	-1.0	0.222
45780.0	46960.0	0.317 6.72	277.6 7.18	1.1 13.90	5.78 TWO	1.296 5.401	91.2 56.3	0.674 2.6	3.053 114.3	357.1	550.1	0.996	5.110	-5.69	0.276	70.6	121.7	-4.1	0.222
45790.0	46960.0	0.539 11.68	268.3 7.53	45.4 19.21	22.89 TWO	1.294 5.401	87.3 56.3	0.674 2.6	3.052 110.5	6.7	190.0	0.996D	5.107	-22.91	0.276	70.8	123.3	-20.5	0.259
45800.0	46960.0	0.382 8.05	256.3 7.25	-62.7 15.30	-10.95 ONE	1.292 5.401	83.2 56.3	0.677 2.6	3.046 113.4	16.9	190.0	0.984D	5.109	10.81	0.275	70.6	122.8	14.8	0.230
45810.0	46960.0	0.363 7.65	256.7 7.21	-39.1 14.85	-4.57 ONE	1.289 5.401	79.3 56.3	0.683 2.6	3.037 114.3	26.6	190.0	0.962D	5.112	4.32	0.273	70.1	122.1	7.5	0.225
45820.0	46960.0	0.405 8.55	255.6 7.24	-31.9 15.79	-2.94 ONE	1.286 5.401	75.3 56.3	0.693 2.6	3.023 114.6	36.3	190.0	0.927D	5.119	2.58	0.271	69.3	121.8	5.5	0.229
45830.0	46960.0	0.461 9.81	256.4 7.29	-28.7 17.11	-2.22 ONE	1.284 5.401	71.2 56.3	0.706 2.6	3.006 114.9	45.9	189.9	0.883D	5.129	1.73	0.267	68.2	121.5	4.4	0.235
45840.0	46960.0	0.525 11.33	258.6 7.37	-27.2 18.69	-1.82 ONE	1.281 5.401	67.1 56.3	0.723 2.6	2.986 115.2	55.5	189.8	0.828D	5.141	1.21	0.262	66.8	121.2	3.8	0.242
45850.0	46960.0	0.593 13.03	262.0 7.46	-26.3 20.49	-1.59 ONE	1.279 5.401	62.9 56.3	0.742 2.6	2.960 115.4	64.9	189.7	0.765D	5.155	0.84	0.257	65.1	121.0	3.4	0.252

1984
EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
ARRIVAL DATE = 2446980.0																			
45720.0	46980.0	0.611	286.4	-20.0	1.35	1.304	116.8	0.750	3.001	296.3	551.6	0.749	5.253	-0.44	0.266	60.4	118.3	2.3	0.264
		13.48	7.59	21.07	TWO	5.122	58.1	2.6	119.9										
45730.0	46980.0	0.538	289.8	-19.0	1.43	1.303	112.3	0.730	3.017	306.4	551.5	0.816	5.219	-0.71	0.269	63.0	119.1	2.0	0.252
		11.65	7.47	19.12	TWO	5.122	58.1	2.6	119.1										
45740.0	46980.0	0.471	292.0	-17.7	1.59	1.303	108.0	0.712	3.032	316.4	551.4	0.873	5.190	-1.01	0.272	65.1	119.9	1.6	0.242
		10.04	7.37	17.41	TWO	5.122	58.1	2.6	118.3										
45750.0	46980.0	0.411	292.4	-16.1	1.84	1.302	103.8	0.698	3.044	326.3	551.2	0.920	5.168	-1.41	0.275	66.8	120.6	1.1	0.235
		8.68	7.30	15.98	TWO	5.122	58.1	2.6	117.6										
45760.0	46980.0	0.361	290.7	-13.9	2.28	1.300	99.7	0.687	3.054	336.2	551.0	0.957	5.151	-1.97	0.277	68.1	121.2	0.4	0.229
		7.61	7.24	14.85	TWO	5.122	58.1	2.6	116.9										
45770.0	46980.0	0.326	286.4	-10.1	3.10	1.299	95.6	0.679	3.060	346.1	550.9	0.982	5.139	-2.92	0.278	68.9	121.7	-0.7	0.225
		6.89	7.21	14.09	TWO	5.122	58.1	2.6	116.4										
45780.0	46980.0	0.314	279.7	-1.7	5.37	1.297	91.7	0.675	3.064	355.9	550.8	0.995	5.132	-5.01	0.278	69.5	122.0	-3.2	0.224
		6.66	7.20	13.86	TWO	5.122	58.1	2.6	115.9										
45790.0	46980.0	0.416	271.3	29.3	14.82	1.294	87.8	0.674	3.063	5.6	190.7	0.9970	5.129	-14.87	0.278	69.7	122.7	-13.7	0.239
		8.79	7.34	16.12	TWO	5.122	58.1	2.6	113.9										
45800.0	46980.0	0.428	252.3	-73.1	-14.83	1.292	83.7	0.677	3.058	15.7	190.6	0.9870	5.129	14.67	0.277	69.5	123.7	18.5	0.240
		9.06	7.34	16.40	ONE	5.122	58.1	2.6	114.0										
45810.0	46980.0	0.361	258.3	-41.3	-5.11	1.289	79.7	0.683	3.049	25.4	190.6	0.9850	5.133	4.84	0.276	69.1	122.5	8.1	0.228
		7.61	7.23	14.84	ONE	5.122	58.1	2.6	115.8										
45820.0	46980.0	0.400	257.1	-32.8	-3.14	1.287	75.8	0.693	3.036	35.0	190.6	0.9830	5.140	2.76	0.273	68.3	122.2	5.6	0.231
		8.43	7.26	15.68	ONE	5.122	58.1	2.6	116.1										
45830.0	46980.0	0.454	257.6	-29.2	-2.32	1.284	71.7	0.706	3.019	44.7	190.5	0.9890	5.150	1.82	0.270	67.2	122.0	4.5	0.236
		9.65	7.31	16.96	ONE	5.122	58.1	2.6	116.3										
45840.0	46980.0	0.517	259.7	-27.4	-1.88	1.282	67.6	0.721	2.999	54.2	190.4	0.9860	5.162	1.25	0.266	65.8	121.7	3.9	0.244
		11.13	7.38	18.52	ONE	5.122	58.1	2.6	116.5										
45850.0	46980.0	0.585	262.9	-26.5	-1.62	1.279	63.5	0.740	2.975	63.7	190.3	0.9740	5.176	0.86	0.260	64.2	121.5	3.4	0.253
		12.81	7.47	20.29	ONE	5.122	58.1	2.6	116.7										
ARRIVAL DATE = 2447000.0																			
45720.0	47000.0	0.623	287.3	-20.0	1.33	1.304	117.4	0.755	3.012	294.9	552.0	0.739	5.285	-0.44	0.268	59.0	118.9	2.3	0.269
		13.78	7.64	21.42	TWO	4.819	60.0	2.7	121.1										
45730.0	47000.0	0.548	290.8	-19.0	1.41	1.304	112.9	0.733	3.028	305.0	552.0	0.808	5.248	-0.70	0.271	61.7	119.7	2.0	0.257
		11.91	7.51	19.42	TWO	4.819	60.0	2.7	120.4										
45740.0	47000.0	0.480	293.1	-17.7	1.55	1.303	108.5	0.715	3.042	315.1	551.9	0.867	5.218	-0.99	0.274	63.8	120.4	1.7	0.246
		10.26	7.41	17.67	TWO	4.819	60.0	2.7	119.6										
45750.0	47000.0	0.419	293.8	-16.2	1.78	1.302	104.3	0.700	3.055	325.0	551.8	0.915	5.194	-1.37	0.277	65.6	121.0	1.2	0.238
		8.85	7.33	16.18	TWO	4.819	60.0	2.7	119.0										
45760.0	47000.0	0.367	292.4	-14.2	2.17	1.301	100.2	0.689	3.064	335.0	551.6	0.953	5.176	-1.89	0.279	66.9	121.6	0.5	0.232
		7.74	7.27	15.01	TWO	4.819	60.0	2.7	118.4										
45770.0	47000.0	0.329	288.3	-10.9	2.89	1.299	96.1	0.681	3.071	344.8	551.5	0.979	5.163	-2.73	0.280	67.8	122.1	-0.5	0.228
		6.96	7.24	14.20	TWO	4.819	60.0	2.7	117.9										
45780.0	47000.0	0.313	281.8	-3.9	4.52	1.297	92.2	0.677	3.075	354.7	551.4	0.994	5.155	-4.47	0.281	68.4	122.4	-2.6	0.227
		6.64	7.22	13.86	TWO	4.819	60.0	2.7	117.4										
45790.0	47000.0	0.365	273.7	18.7	10.89	1.295	88.2	0.675	3.074	4.4	191.3	0.9980	5.151	-10.96	0.280	68.6	122.8	-9.7	0.234
		7.69	7.29	14.98	TWO	4.819	60.0	2.7	116.7										
45800.0	47000.0	0.545	179.0	-85.1	-22.80	1.293	84.1	0.678	3.070	14.6	191.2	0.9890	5.151	22.62	0.280	68.5	125.6	24.9	0.263
		11.82	7.58	19.40	ONE	4.819	60.0	2.7	113.2										
45810.0	47000.0	0.361	260.0	-44.0	-5.80	1.290	80.2	0.684	3.062	24.1	191.2	0.9690	5.155	5.51	0.278	68.1	123.0	8.7	0.230
		7.60	7.25	14.86	ONE	4.819	60.0	2.7	117.1										
45820.0	47000.0	0.394	258.6	-33.8	-3.37	1.287	76.3	0.693	3.049	33.8	191.1	0.9380	5.161	2.97	0.276	67.3	122.7	5.8	0.233
		8.31	7.28	15.59	ONE	4.819	60.0	2.7	117.4										
45830.0	47000.0	0.447	258.9	-29.7	-2.43	1.285	72.2	0.705	3.033	43.4	191.1	0.8960	5.171	1.91	0.273	66.3	122.5	4.6	0.238
		9.49	7.33	16.82	ONE	4.819	60.0	2.7	117.6										
45840.0	47000.0	0.509	260.8	-27.7	-1.94	1.282	68.2	0.720	3.014	52.9	191.0	0.8440	5.183	1.30	0.269	65.0	122.3	3.9	0.246
		10.94	7.40	18.34	ONE	4.819	60.0	2.7	117.8										
45850.0	47000.0	0.576	263.9	-26.6	-1.66	1.280	64.0	0.738	2.990	62.4	190.8	0.7830	5.198	0.88	0.264	63.3	122.1	3.4	0.255
		12.60	7.49	20.09	ONE	4.819	60.0	2.7	118.0										
45860.0	47000.0	0.647	268.0	-26.0	-1.48	1.278	59.8	0.759	2.964	71.7	190.5	0.7150	5.214	0.57	0.258	61.3	122.0	3.1	0.265
		14.41	7.60	22.01	ONE	4.819	60.0	2.7	118.1										
ARRIVAL DATE = 2447020.0																			
45720.0	47020.0	0.635	288.2	-20.0	1.32	1.305	118.1	0.759	3.023	293.5	552.4	0.729	5.318	-0.44	0.270	57.7	119.6	2.3	0.274
		14.09	7.69	21.78	TWO	4.520	61.8	2.7	122.2										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45730.0	47020.0	0.559 12.17	291.8 7.56	-18.9 19.73	1.39 TWO	1.304 4.520	113.5 61.8	0.737 2.7	3.039 121.6	303.7	552.5	0.799	5.279	-0.69	0.274	60.4	120.3	2.0	0.261
45740.0	47020.0	0.490 10.48	294.3 7.45	-17.7 17.93	1.51 TWO	1.304 4.520	109.1 61.8	0.719 2.7	3.053 120.9	313.8	552.4	0.859	5.247	-0.97	0.276	62.6	120.9	1.7	0.251
45750.0	47020.0	0.427 9.04	295.2 7.37	-16.3 16.40	1.72 TWO	1.303 4.520	104.9 61.8	0.703 2.7	3.065 120.3	323.8	552.3	0.910	5.221	-1.33	0.279	64.4	121.6	1.2	0.242
45760.0	47020.0	0.374 7.88	294.0 7.31	-14.4 15.18	2.08 TWO	1.301 4.520	100.7 61.8	0.691 2.7	3.075 119.7	333.7	552.2	0.949	5.202	-1.81	0.281	65.8	122.1	0.6	0.236
45770.0	47020.0	0.334 7.05	290.3 7.27	-11.5 14.31	2.71 TWO	1.300 4.520	96.6 61.8	0.683 2.7	3.082 119.2	343.6	552.1	0.977	5.188	-2.57	0.282	66.7	122.5	-0.3	0.231
45780.0	47020.0	0.313 6.64	284.0 7.25	-5.7 13.89	4.07 TWO	1.298 4.520	92.7 61.8	0.678 2.7	3.086 118.8	353.4	552.0	0.993	5.178	-4.04	0.283	67.3	122.8	-2.0	0.229
45790.0	47020.0	0.340 7.18	276.0 7.28	11.3 14.46	8.59 TWO	1.295 4.520	88.7 61.8	0.676 2.7	3.086 118.0	3.2	191.9	0.998D	5.174	-8.67	0.283	67.6	123.2	-7.2	0.233
45810.0	47020.0	0.363 7.65	261.7 7.28	-47.5 14.93	-6.71 ONE	1.291 4.520	80.7 61.8	0.684 2.7	3.075 118.3	22.9	191.8	0.972D	5.177	6.40	0.280	67.1	123.6	9.6	0.233
45820.0	47020.0	0.389 8.20	260.2 7.30	-35.0 15.50	-3.64 ONE	1.288 4.520	76.8 61.8	0.692 2.7	3.063 118.7	32.5	191.7	0.943D	5.183	3.21	0.278	66.4	123.2	6.1	0.235
45830.0	47020.0	0.440 9.34	260.2 7.35	-30.3 16.68	-2.55 ONE	1.286 4.520	72.8 61.8	0.704 2.7	3.048 118.9	42.1	191.6	0.902D	5.193	2.01	0.275	65.4	123.0	4.7	0.240
45840.0	47020.0	0.501 10.75	261.9 7.42	-28.0 18.17	-2.00 ONE	1.283 4.520	68.7 61.8	0.719 2.7	3.029 119.1	51.6	191.5	0.851D	5.206	1.35	0.272	64.1	122.9	3.9	0.247
45850.0	47020.0	0.567 12.38	264.9 7.50	-26.8 19.88	-1.69 ONE	1.281 4.520	64.6 61.8	0.737 2.7	3.006 119.2	61.0	191.3	0.792D	5.220	0.91	0.267	62.5	122.7	3.4	0.256
45860.0	47020.0	0.638 14.17	268.9 7.61	-26.1 21.78	-1.50 ONE	1.279 4.520	60.4 61.8	0.757 2.7	2.981 119.2	70.4	191.0	0.725D	5.237	0.58	0.262	60.6	122.7	3.1	0.266

ARRIVAL DATE = 2447040.0

45720.0	47040.0	0.647 14.40	289.1 7.74	-20.0 22.15	1.30 TWO	1.305 4.255	118.8 63.7	0.763 2.7	3.035 123.3	292.1	552.8	0.718	5.352	-0.44	0.273	56.4	120.4	2.3	0.279
45730.0	47040.0	0.570 12.45	292.8 7.60	-18.9 20.05	1.36 TWO	1.305 4.255	114.2 63.7	0.741 2.7	3.050 122.7	302.3	552.9	0.790	5.311	-0.68	0.276	59.2	121.0	2.0	0.266
45740.0	47040.0	0.499 10.72	295.4 7.49	-17.7 18.21	1.48 TWO	1.304 4.255	109.7 63.7	0.722 2.7	3.064 122.1	312.4	552.9	0.852	5.277	-0.96	0.278	61.5	121.6	1.7	0.255
45750.0	47040.0	0.436 9.23	296.5 7.40	-16.3 16.63	1.67 TWO	1.303 4.255	105.4 63.7	0.706 2.7	3.077 121.5	322.5	552.8	0.904	5.249	-1.29	0.281	63.3	122.1	1.3	0.246
45760.0	47040.0	0.381 8.02	295.6 7.34	-14.6 15.36	1.99 TWO	1.302 4.255	101.3 63.7	0.694 2.7	3.087 121.0	332.4	552.7	0.945	5.228	-1.74	0.283	64.7	122.6	0.7	0.239
45770.0	47040.0	0.338 7.14	292.2 7.29	-12.0 14.44	2.55 TWO	1.300 4.255	97.2 63.7	0.685 2.7	3.094 120.6	342.3	552.6	0.974	5.213	-2.43	0.284	65.7	123.0	-0.1	0.235
45780.0	47040.0	0.314 6.66	286.2 7.27	-7.1 13.93	3.70 TWO	1.298 4.255	93.2 63.7	0.680 2.7	3.098 120.2	352.2	552.5	0.992	5.203	-3.69	0.285	66.3	123.4	-1.6	0.232
45790.0	47040.0	0.327 6.91	278.3 7.29	6.0 14.20	7.07 TWO	1.296 4.255	89.2 63.7	0.678 2.7	3.098 119.5	2.0	192.5	0.999D	5.198	-7.18	0.285	66.6	123.6	-5.5	0.234
45810.0	47040.0	0.369 7.77	263.3 7.32	-52.0 15.09	-7.98 ONE	1.291 4.255	81.2 63.7	0.684 2.7	3.088 119.4	21.6	192.3	0.976D	5.200	7.65	0.283	66.2	124.2	10.9	0.237
45820.0	47040.0	0.385 8.11	261.8 7.32	-36.3 15.43	-3.95 ONE	1.289 4.255	77.3 63.7	0.692 2.7	3.077 119.9	31.3	192.3	0.947D	5.206	3.51	0.281	65.6	123.8	6.3	0.237
45830.0	47040.0	0.434 9.18	261.6 7.37	-30.9 16.55	-2.68 ONE	1.286 4.255	73.3 63.7	0.703 2.7	3.062 120.1	40.8	192.2	0.908D	5.216	2.13	0.278	64.6	123.6	4.8	0.242
45840.0	47040.0	0.493 10.57	263.1 7.43	-28.4 18.00	-2.07 ONE	1.284 4.255	69.2 63.7	0.718 2.7	3.044 120.3	50.3	192.0	0.859D	5.229	1.40	0.274	63.3	123.5	3.9	0.249
45850.0	47040.0	0.559 12.17	265.9 7.52	-27.0 19.69	-1.73 ONE	1.281 4.255	65.1 63.7	0.735 2.7	3.022 120.3	59.7	191.8	0.801D	5.244	0.93	0.270	61.8	123.4	3.4	0.258
45860.0	47040.0	0.629 13.93	269.8 7.62	-26.2 21.56	-1.52 ONE	1.279 4.255	61.0 63.7	0.755 2.7	2.998 120.4	69.0	191.5	0.735D	5.261	0.59	0.265	59.9	123.4	3.1	0.268

ARRIVAL DATE = 2447060.0

45730.0	47060.0	0.581 12.74	293.9 7.65	-18.9 20.39	1.34 TWO	1.305 4.060	114.8 65.5	0.745 2.8	3.062 123.8	300.9	553.3	0.780	5.343	-0.67	0.278	58.0	121.8	2.0	0.270
45740.0	47060.0	0.510 10.96	296.6 7.53	-17.7 18.50	1.44 TWO	1.305 4.060	110.3 65.5	0.726 2.8	3.076 123.2	311.1	553.4	0.844	5.307	-0.94	0.280	60.3	122.3	1.7	0.259
45750.0	47060.0	0.445 9.43	297.9 7.44	-16.3 16.87	1.62 TWO	1.304 4.060	106.0 65.5	0.709 2.8	3.088 122.7	321.1	553.3	0.898	5.279	-1.26	0.283	62.2	122.8	1.3	0.250
45760.0	47060.0	0.388 8.18	297.2 7.37	-14.7 15.55	1.90 TWO	1.302 4.060	101.8 65.5	0.697 2.8	3.098 122.2	331.1	553.3	0.940	5.256	-1.68	0.285	63.6	123.3	0.8	0.243

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45770.0	47060.0	0.344 7.25	294.1 7.33	-12.4 14.57	2.40 TWO	1.301 4.060	97.7 65.5	0.687 2.8	3.105 121.8	341.0	553.2	0.971	5.240	-2.30	0.286	64.7	123.6	0.1	0.238
45780.0	47060.0	0.316 6.70	288.4 7.30	-8.3 14.00	3.38 TWO	1.299 4.060	93.7 65.5	0.681 2.8	3.110 121.4	350.9	553.1	0.991	5.229	-3.40	0.287	65.4	123.9	-1.2	0.235
45790.0	47060.0	0.319 6.75	280.6 7.30	2.1 14.06	6.00 TWO	1.296 4.060	89.7 65.5	0.679 2.8	3.111 120.9	0.7	193.0	0.9990	5.222	-6.13	0.287	65.7	124.2	-4.3	0.236
45800.0	47060.0	0.626 13.86	266.3 7.84	51.7 21.71	27.94 TWO	1.294 4.060	85.9 65.5	0.680 2.8	3.108 114.8	10.2	192.9	0.9950	5.220	-28.18	0.286	65.7	127.0	-22.9	0.288
45810.0	47060.0	0.383 8.06	264.7 7.36	-58.2 15.42	-9.85 ONE	1.292 4.060	81.7 65.5	0.684 2.8	3.101 120.3	20.4	192.9	0.9790	5.224	9.50	0.285	65.4	125.1	12.7	0.242
45820.0	47060.0	0.381 8.02	263.6 7.34	-37.8 15.36	-4.43 ONE	1.289 4.060	77.8 65.5	0.692 2.8	3.091 121.1	30.0	192.8	0.9520	5.230	3.87	0.283	64.8	124.5	6.7	0.240
45830.0	47060.0	0.427 9.04	263.0 7.39	-31.5 16.42	-2.83 ONE	1.287 4.060	73.8 65.5	0.703 2.8	3.077 121.3	39.5	192.7	0.9140	5.240	2.26	0.281	63.8	124.3	4.9	0.244
45840.0	47060.0	0.485 10.38	264.3 7.45	-28.7 17.83	-2.15 ONE	1.284 4.060	69.8 65.5	0.717 2.8	3.059 121.4	49.0	192.5	0.8670	5.252	1.46	0.277	62.6	124.2	4.0	0.251
45850.0	47060.0	0.550 11.95	267.0 7.54	-27.2 19.49	-1.77 ONE	1.282 4.060	65.7 65.5	0.734 2.8	3.038 121.4	58.4	192.3	0.8100	5.267	0.96	0.273	61.1	124.1	3.4	0.259
45860.0	47060.0	0.619 13.70	270.7 7.64	-26.3 21.33	-1.55 ONE	1.280 4.060	61.6 65.5	0.753 2.8	3.015 121.4	67.7	192.0	0.7450	5.284	0.61	0.268	59.2	124.1	3.1	0.269

ARRIVAL DATE = 2447080.0

45730.0	47080.0	0.593 13.03	294.9 7.70	-18.8 20.73	1.32 TWO	1.306 3.964	115.5 67.3	0.749 2.8	3.074 124.8	299.4	553.7	0.771	5.377	-0.67	0.280	56.8	122.6	2.0	0.275
45740.0	47080.0	0.520 11.22	297.7 7.58	-17.6 18.79	1.41 TWO	1.305 3.964	111.0 67.3	0.729 2.8	3.088 124.3	309.7	553.8	0.836	5.339	-0.92	0.283	59.2	123.1	1.7	0.263
45750.0	47080.0	0.454 9.64	299.2 7.48	-16.3 17.13	1.57 TWO	1.304 3.964	106.6 67.3	0.713 2.8	3.100 123.8	319.8	553.8	0.891	5.309	-1.23	0.285	61.1	123.5	1.3	0.254
45760.0	47080.0	0.396 8.34	298.8 7.41	-14.8 15.75	1.83 TWO	1.303 3.964	102.4 67.3	0.699 2.8	3.110 123.4	329.8	553.8	0.935	5.285	-1.62	0.287	62.6	123.9	0.9	0.246
45770.0	47080.0	0.349 7.34	296.0 7.36	-12.8 14.72	2.27 TWO	1.301 3.964	98.3 67.3	0.689 2.8	3.118 123.0	339.7	553.7	0.968	5.267	-2.19	0.288	63.7	124.3	0.2	0.241
45780.0	47080.0	0.319 6.75	290.6 7.33	-9.2 14.08	3.12 TWO	1.299 3.964	94.2 67.3	0.683 2.8	3.122 122.6	349.6	553.6	0.989	5.255	-3.16	0.289	64.4	124.6	-0.9	0.238
45790.0	47080.0	0.314 6.67	283.0 7.32	-0.9 13.99	5.20 TWO	1.297 3.964	90.2 67.3	0.680 2.8	3.123 122.2	359.4	553.6	0.999	5.248	-5.35	0.289	64.8	124.8	-3.4	0.238
45800.0	47080.0	0.446 9.47	272.7 7.51	32.7 16.98	16.67 TWO	1.295 3.964	86.3 67.3	0.681 2.8	3.121 119.5	9.1	193.5	0.9970	5.246	-16.93	0.289	64.9	125.8	-14.8	0.257
45810.0	47080.0	0.413 8.72	264.9 7.43	-67.2 16.16	-12.89 ONE	1.292 3.964	82.2 67.3	0.685 2.8	3.115 120.7	19.1	193.4	0.9820	5.248	12.52	0.288	64.5	126.2	15.5	0.249
45820.0	47080.0	0.377 7.95	265.4 7.37	-39.7 15.32	-4.80 ONE	1.290 3.964	78.3 67.3	0.692 2.8	3.105 122.2	28.7	193.3	0.9570	5.254	4.32	0.286	64.0	125.2	7.1	0.242
45830.0	47080.0	0.421 8.89	264.5 7.41	-32.2 16.30	-3.30 ONE	1.287 3.964	74.4 67.3	0.702 2.8	3.092 122.4	38.2	193.2	0.9200	5.264	2.41	0.283	63.1	125.0	5.0	0.246
45840.0	47080.0	0.478 10.20	265.6 7.47	-29.1 17.67	-2.23 ONE	1.285 3.964	70.3 67.3	0.716 2.8	3.075 122.5	47.7	193.0	0.8740	5.276	1.53	0.280	61.9	124.9	4.0	0.253
45850.0	47080.0	0.542 11.74	268.1 7.55	-27.4 19.29	-1.82 ONE	1.283 3.964	66.3 67.3	0.732 2.8	3.055 122.5	57.1	192.8	0.8180	5.292	0.99	0.276	60.4	124.9	3.4	0.261
45860.0	47080.0	0.610 13.46	271.7 7.65	-26.4 21.11	-1.57 ONE	1.281 3.964	62.1 67.3	0.751 2.8	3.032 122.5	66.3	192.5	0.7550	5.309	0.62	0.272	58.6	124.9	3.0	0.270

ARRIVAL DATE = 2447100.0

45730.0	47100.0	0.605 13.34	295.9 7.75	-18.8 21.09	1.30 TWO	1.306 3.988	116.2 69.2	0.754 2.9	3.086 125.7	298.0	554.1	0.760	5.412	-0.66	0.282	55.7	123.5	2.0	0.280
45740.0	47100.0	0.531 11.48	298.9 7.62	-17.6 19.10	1.38 TWO	1.306 3.988	111.6 69.2	0.733 2.9	3.100 125.3	308.2	554.2	0.828	5.372	-0.91	0.285	58.1	123.9	1.7	0.268
45750.0	47100.0	0.463 9.86	300.5 7.52	-16.3 17.39	1.52 TWO	1.305 3.988	107.2 69.2	0.716 2.9	3.112 124.9	318.4	554.2	0.884	5.340	-1.20	0.287	60.1	124.3	1.4	0.258
45760.0	47100.0	0.404 8.52	300.4 7.44	-14.9 15.96	1.75 TWO	1.303 3.988	103.0 69.2	0.702 2.9	3.122 124.5	328.4	554.2	0.930	5.314	-1.57	0.289	61.6	124.7	0.9	0.250
45770.0	47100.0	0.355 7.48	297.9 7.39	-13.0 14.87	2.15 TWO	1.301 3.988	98.8 69.2	0.692 2.9	3.130 124.1	338.4	554.2	0.965	5.295	-2.09	0.290	62.8	125.0	0.3	0.245
45780.0	47100.0	0.322 6.81	292.8 7.36	-10.0 14.17	2.89 TWO	1.300 3.988	94.8 69.2	0.685 2.9	3.135 123.8	348.3	554.1	0.988	5.282	-2.95	0.291	63.5	125.3	-0.7	0.241
45790.0	47100.0	0.312 6.62	285.4 7.35	-3.2 13.97	4.58 TWO	1.297 3.988	90.8 69.2	0.682 2.9	3.136 123.4	358.1	554.1	0.999	5.274	-4.75	0.291	63.9	125.5	-2.7	0.240

1984
EARTH-JUPITER

DEPART	ARRIVE	SPEED / DVI	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45800.0	47100.0	0.379	276.1	20.6	11.73	1.295	86.8	0.682	3.135	7.8	194.0	0.998D	5.271	-12.01	0.291	64.0	126.0	-10.1	0.249
		7.99	7.43	15.43	TWO	3.988	69.2	2.9	121.9										
45810.0	47100.0	0.489	255.0	-80.5	-18.70	1.293	82.7	0.685	3.129	17.9	193.9	0.985D	5.273	18.31	0.290	63.8	126.0	20.5	0.264
		10.46	7.58	18.05	ONE	3.988	69.2	2.9	120.1										
45820.0	47100.0	0.375	267.3	-41.9	-5.39	1.290	78.9	0.692	3.120	27.4	193.8	0.961D	5.279	4.89	0.288	63.2	126.0	7.6	0.245
		7.90	7.39	15.29	ONE	3.988	69.2	2.9	123.2										
45830.0	47100.0	0.414	266.1	-33.0	-3.20	1.288	74.9	0.702	3.107	36.9	193.7	0.926D	5.288	2.59	0.286	62.4	125.8	5.1	0.248
		8.75	7.43	16.18	ONE	3.988	69.2	2.9	123.5										
45840.0	47100.0	0.470	266.9	-29.4	-2.32	1.286	70.9	0.715	3.091	46.3	193.5	0.881D	5.301	1.60	0.283	61.2	125.7	4.1	0.254
		10.02	7.49	17.51	ONE	3.988	69.2	2.9	123.5										
45850.0	47100.0	0.533	269.2	-27.6	-1.87	1.283	66.8	0.731	3.072	55.7	193.3	0.827D	5.316	1.03	0.279	59.8	125.7	3.4	0.262
		11.53	7.57	19.10	ONE	3.988	69.2	2.9	123.5										
45860.0	47100.0	0.601	272.7	-26.5	-1.60	1.281	62.7	0.749	3.049	65.0	193.0	0.764D	5.334	0.63	0.275	58.1	125.8	3.0	0.272
		13.23	7.67	20.89	ONE	3.988	69.2	2.9	123.5										
ARRIVAL DATE = 2447120.0																			
45730.0	47120.0	0.618	296.9	-18.7	1.27	1.307	116.9	0.758	3.099	296.5	554.4	0.750	5.447	-0.66	0.284	54.6	124.4	2.0	0.284
		13.65	7.80	21.45	TWO	4.130	71.0	2.9	126.6										
45740.0	47120.0	0.542	300.0	-17.5	1.35	1.306	112.3	0.737	3.112	306.8	554.6	0.819	5.406	-0.90	0.287	57.1	124.8	1.7	0.272
		11.75	7.67	19.42	TWO	4.130	71.0	2.9	126.3										
45750.0	47120.0	0.473	301.8	-16.3	1.47	1.305	107.8	0.719	3.124	317.0	554.7	0.877	5.372	-1.18	0.289	59.1	125.1	1.4	0.262
		10.09	7.56	17.66	TWO	4.130	71.0	2.9	125.9										
45760.0	47120.0	0.412	301.9	-14.9	1.69	1.304	103.5	0.705	3.135	327.1	554.7	0.925	5.345	-1.53	0.291	60.7	125.5	1.0	0.254
		8.70	7.48	16.18	TWO	4.130	71.0	2.9	125.5										
45770.0	47120.0	0.362	299.8	-13.2	2.04	1.302	99.4	0.694	3.143	337.0	554.7	0.961	5.324	-2.01	0.292	61.8	125.8	0.4	0.248
		7.62	7.42	15.04	TWO	4.130	71.0	2.9	125.2										
45780.0	47120.0	0.326	295.0	-10.6	2.68	1.300	95.3	0.687	3.148	347.0	554.6	0.986	5.310	-2.77	0.293	62.7	126.0	-0.5	0.244
		6.89	7.39	14.27	TWO	4.130	71.0	2.9	124.9										
45790.0	47120.0	0.311	287.8	-5.0	4.08	1.298	91.3	0.683	3.150	356.8	554.6	0.998	5.301	-4.28	0.293	63.1	126.2	-2.1	0.243
		6.60	7.37	13.98	TWO	4.130	71.0	2.9	124.5										
45800.0	47120.0	0.348	279.0	12.4	8.99	1.296	87.4	0.683	3.148	6.5	194.5	0.999D	5.297	-9.29	0.293	63.2	126.5	-7.4	0.247
		7.34	7.42	14.76	TWO	4.130	71.0	2.9	123.6										
45820.0	47120.0	0.375	269.2	-44.7	-6.16	1.291	79.4	0.692	3.135	26.0	194.3	0.966D	5.304	5.64	0.291	62.5	126.8	8.3	0.248
		7.89	7.42	15.31	ONE	4.130	71.0	2.9	124.2										
45830.0	47120.0	0.408	267.7	-33.9	-3.42	1.289	75.6	0.702	3.123	35.6	194.2	0.932D	5.313	2.80	0.288	61.7	126.6	5.3	0.250
		8.62	7.45	16.07	ONE	4.130	71.0	2.9	124.5										
45840.0	47120.0	0.462	268.2	-29.8	-2.42	1.286	71.5	0.714	3.107	45.0	194.0	0.888D	5.326	1.69	0.286	60.6	126.6	4.1	0.256
		9.84	7.51	17.35	ONE	4.130	71.0	2.9	124.5										
45850.0	47120.0	0.524	270.3	-27.8	-1.92	1.284	67.4	0.730	3.088	54.3	193.8	0.835D	5.341	1.07	0.282	59.2	126.6	3.4	0.264
		11.32	7.58	18.91	ONE	4.130	71.0	2.9	124.5										
45860.0	47120.0	0.592	273.7	-26.6	-1.62	1.282	63.3	0.748	3.067	63.6	193.4	0.774D	5.359	0.65	0.278	57.5	126.6	3.0	0.273
		12.99	7.68	20.67	ONE	4.130	71.0	2.9	124.4										
ARRIVAL DATE = 2447140.0																			
45730.0	47140.0	0.630	297.9	-18.6	1.25	1.307	117.6	0.763	3.111	295.0	554.8	0.739	5.484	-0.65	0.286	53.5	125.4	2.0	0.289
		13.97	7.86	21.83	TWO	4.366	72.8	2.9	127.5										
45740.0	47140.0	0.553	301.1	-17.5	1.32	1.307	112.9	0.741	3.125	305.3	555.0	0.810	5.440	-0.89	0.289	56.0	125.7	1.7	0.276
		12.04	7.72	19.75	TWO	4.366	72.8	2.9	127.1										
45750.0	47140.0	0.483	303.1	-16.2	1.43	1.306	108.5	0.723	3.137	315.6	555.1	0.870	5.404	-1.15	0.291	58.1	126.0	1.4	0.266
		10.33	7.61	17.94	TWO	4.366	72.8	2.9	126.8										
45760.0	47140.0	0.421	303.5	-14.9	1.62	1.304	104.1	0.708	3.147	325.7	555.1	0.919	5.376	-1.48	0.293	59.7	126.3	1.0	0.258
		8.90	7.52	16.42	TWO	4.366	72.8	2.9	126.5										
45770.0	47140.0	0.368	301.6	-13.3	1.94	1.302	100.0	0.697	3.156	335.7	555.1	0.957	5.354	-1.93	0.294	61.0	126.6	0.5	0.251
		7.76	7.46	15.22	TWO	4.366	72.8	2.9	126.2										
45780.0	47140.0	0.330	297.2	-11.1	2.50	1.301	95.9	0.689	3.161	345.6	555.1	0.983	5.338	-2.61	0.295	61.8	126.9	-0.3	0.247
		6.97	7.42	14.39	TWO	4.366	72.8	2.9	125.9										
45790.0	47140.0	0.311	290.3	-6.5	3.68	1.298	91.9	0.685	3.163	355.4	555.1	0.998	5.329	-3.89	0.295	62.3	127.0	-1.7	0.245
		6.61	7.40	14.01	TWO	4.366	72.8	2.9	125.6										
45800.0	47140.0	0.332	281.6	6.6	7.26	1.296	87.9	0.684	3.162	5.2	195.0	1.000D	5.324	-7.58	0.295	62.5	127.3	-5.6	0.248
		7.01	7.42	14.43	TWO	4.366	72.8	2.9	125.0										
45820.0	47140.0	0.377	271.3	-48.5	-7.21	1.292	79.9	0.692	3.150	24.7	194.8	0.970D	5.330	6.67	0.293	61.8	127.8	9.3	0.251
		7.94	7.45	15.39	ONE	4.366	72.8	2.9	125.0										
45830.0	47140.0	0.403	269.5	-35.0	-3.69	1.289	76.0	0.701	3.138	34.2	194.7	0.938D	5.339	3.05	0.291	61.1	127.5	5.5	0.253
		8.50	7.47	15.97	ONE	4.366	72.8	2.9	125.4										
45840.0	47140.0	0.455	269.6	-30.3	-2.53	1.287	72.0	0.713	3.123	43.6	194.5	0.895D	5.351	1.78	0.288	60.0	127.4	4.2	0.258
		9.67	7.52	17.20	ONE	4.366	72.8	2.9	125.5										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 COAST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THETL	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45850.0	47140.0	0.516	271.5	-28.0	-1.97	1.285	68.0	0.728	3.105	53.0	194.2	0.8440	5.367	1.11	0.285	58.7	127.5	3.5	0.265
		11.12	7.60	18.72	ONE	4.366	72.8	2.9	125.4										
45860.0	47140.0	0.583	274.7	-26.6	-1.65	1.283	63.9	0.746	3.084	62.2	193.9	0.7840	5.385	0.67	0.281	57.0	127.5	3.0	0.274
		12.76	7.70	20.46	ONE	4.366	72.8	2.9	125.3										
ARRIVAL DATE = 2447160.0																			
45730.0	47160.0	0.643	298.9	-18.6	1.23	1.308	118.3	0.767	3.124	293.5	555.0	0.728	5.521	-0.65	0.288	52.5	126.4	2.0	0.294
		14.31	7.91	22.22	TWO	4.663	74.6	3.0	128.2										
45740.0	47160.0	0.565	302.2	-17.4	1.29	1.307	113.6	0.745	3.138	303.9	555.3	0.800	5.476	-0.88	0.291	55.0	126.7	1.7	0.281
		12.33	7.77	20.09	TWO	4.663	74.6	3.0	128.0										
45750.0	47160.0	0.494	304.4	-16.1	1.39	1.306	109.1	0.726	3.150	314.1	555.5	0.862	5.438	-1.13	0.293	57.2	127.0	1.4	0.270
		10.58	7.65	18.23	TWO	4.663	74.6	3.0	127.7										
45760.0	47160.0	0.430	305.0	-14.9	1.56	1.305	104.8	0.711	3.160	324.3	555.5	0.913	5.408	-1.44	0.294	58.8	127.2	1.0	0.261
		9.10	7.56	16.66	TWO	4.663	74.6	3.0	127.4										
45770.0	47160.0	0.376	303.4	-13.4	1.85	1.303	100.5	0.699	3.169	334.3	555.6	0.953	5.384	-1.86	0.296	60.1	127.5	0.6	0.255
		7.91	7.49	15.40	TWO	4.663	74.6	3.0	127.1										
45780.0	47160.0	0.335	299.4	-11.4	2.34	1.301	96.4	0.691	3.174	344.2	555.6	0.981	5.368	-2.47	0.297	61.0	127.7	-0.1	0.250
		7.07	7.45	14.52	TWO	4.663	74.6	3.0	126.9										
45790.0	47160.0	0.312	292.7	-7.6	3.34	1.299	92.4	0.686	3.177	354.1	555.5	0.997	5.357	-3.57	0.297	61.5	127.9	-1.3	0.248
		6.63	7.43	14.06	TWO	4.663	74.6	3.0	126.6										
45800.0	47160.0	0.322	284.3	2.5	6.06	1.297	88.4	0.685	3.176	3.8	195.5	1.0010	5.352	-6.41	0.297	61.7	128.1	-4.3	0.249
		6.82	7.44	14.26	TWO	4.663	74.6	3.0	126.1										
45820.0	47160.0	0.385	273.4	-53.5	-8.72	1.292	80.5	0.692	3.165	23.4	195.3	0.9740	5.357	8.17	0.295	61.2	128.8	10.7	0.255
		8.11	7.49	15.60	ONE	4.663	74.6	3.0	125.7										
45830.0	47160.0	0.398	271.3	-36.2	-4.01	1.290	76.5	0.701	3.154	32.8	195.1	0.9430	5.365	3.35	0.293	60.5	128.4	5.8	0.255
		8.38	7.49	15.87	ONE	4.663	74.6	3.0	126.3										
45840.0	47160.0	0.448	271.1	-30.8	-2.66	1.288	72.6	0.713	3.140	42.3	194.9	0.9020	5.377	1.89	0.291	59.5	128.3	4.2	0.260
		9.50	7.54	17.04	ONE	4.663	74.6	3.0	126.4										
45850.0	47160.0	0.508	272.8	-28.2	-2.03	1.286	68.6	0.727	3.122	51.6	194.7	0.8520	5.393	1.15	0.288	58.2	128.4	3.5	0.267
		10.92	7.62	18.53	ONE	4.663	74.6	3.0	126.3										
45860.0	47160.0	0.573	275.8	-26.7	-1.68	1.284	64.5	0.744	3.102	60.8	194.3	0.7930	5.411	0.69	0.284	56.6	128.5	3.0	0.276
		12.53	7.71	20.24	ONE	4.663	74.6	3.0	126.2										
45870.0	47160.0	0.643	279.7	-25.7	-1.47	1.282	60.4	0.764	3.079	69.9	193.9	0.7270	5.430	0.35	0.280	54.7	128.7	2.7	0.286
		14.31	7.82	22.13	ONE	4.663	74.6	3.0	126.0										
ARRIVAL DATE = 2447180.0																			
45740.0	47180.0	0.577	303.3	-17.3	1.26	1.308	114.3	0.749	3.151	302.4	555.6	0.790	5.512	-0.87	0.293	54.1	127.7	1.7	0.285
		12.63	7.82	20.44	TWO	4.982	76.5	3.0	128.8										
45750.0	47180.0	0.504	305.6	-16.0	1.35	1.307	109.8	0.730	3.163	312.7	555.8	0.854	5.472	-1.11	0.295	56.2	128.0	1.4	0.274
		10.84	7.69	18.53	TWO	4.982	76.5	3.0	128.5										
45760.0	47180.0	0.439	306.4	-14.8	1.50	1.305	105.4	0.714	3.174	322.8	555.9	0.907	5.440	-1.41	0.296	58.0	128.2	1.1	0.265
		9.31	7.60	16.91	TWO	4.982	76.5	3.0	128.3										
45770.0	47180.0	0.383	305.2	-13.5	1.76	1.303	101.1	0.702	3.182	332.9	556.0	0.948	5.416	-1.79	0.298	59.3	128.4	0.6	0.258
		8.07	7.53	15.60	TWO	4.982	76.5	3.0	128.0										
45780.0	47180.0	0.340	301.5	-11.7	2.20	1.302	97.0	0.693	3.188	342.8	556.0	0.978	5.398	-2.35	0.299	60.2	128.6	-0.0	0.254
		7.17	7.48	14.65	TWO	4.982	76.5	3.0	127.8										
45790.0	47180.0	0.314	295.2	-8.6	3.05	1.299	93.0	0.688	3.191	352.7	556.0	0.996	5.386	-3.31	0.299	60.8	128.8	-1.1	0.251
		6.67	7.45	14.12	TWO	4.982	76.5	3.0	127.5										
45800.0	47180.0	0.316	286.9	-0.6	5.19	1.297	89.0	0.686	3.191	2.5	195.9	1.0010	5.380	-5.55	0.299	61.0	128.9	-3.4	0.251
		6.71	7.46	14.16	TWO	4.982	76.5	3.0	127.2										
45810.0	47180.0	0.479	274.2	35.6	18.55	1.295	85.1	0.688	3.187	12.1	195.8	0.9960	5.379	-19.01	0.299	61.0	130.3	-15.7	0.275
		10.23	7.70	17.93	TWO	4.982	76.5	3.0	123.6										
45820.0	47180.0	0.404	275.5	-60.9	-11.09	1.293	81.0	0.693	3.180	22.0	195.7	0.9770	5.383	10.52	0.298	60.6	130.1	12.9	0.260
		8.52	7.54	16.06	ONE	4.982	76.5	3.0	126.1										
45830.0	47180.0	0.393	273.2	-37.6	-4.40	1.290	77.1	0.701	3.170	31.5	195.6	0.9490	5.392	3.73	0.296	59.9	129.3	6.1	0.257
		8.28	7.51	15.80	ONE	4.982	76.5	3.0	127.2										
45840.0	47180.0	0.440	272.6	-31.3	-2.79	1.288	73.1	0.712	3.156	40.9	195.4	0.9090	5.404	2.02	0.293	58.9	129.3	4.3	0.262
		9.34	7.56	16.90	ONE	4.982	76.5	3.0	127.3										
45850.0	47180.0	0.499	274.0	-28.4	-2.09	1.286	69.1	0.726	3.139	50.2	195.1	0.8600	5.419	1.21	0.291	57.7	129.3	3.5	0.269
		10.72	7.63	18.35	ONE	4.982	76.5	3.0	127.2										
45860.0	47180.0	0.564	276.9	-26.8	-1.71	1.284	65.1	0.743	3.120	59.4	194.8	0.8020	5.437	0.71	0.287	56.1	129.5	3.0	0.277
		12.30	7.72	20.03	ONE	4.982	76.5	3.0	127.1										
45870.0	47180.0	0.633	280.7	-25.7	-1.48	1.283	61.0	0.762	3.097	68.5	194.3	0.7370	5.457	0.36	0.283	54.3	129.7	2.7	0.287
		14.06	7.83	21.89	ONE	4.982	76.5	3.0	126.9										

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DEPART	ARRIVE	SPEED	R A	DECL	I 1	V 1	PSI 1	ECCEN	SMA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
		DV1	DV2	DVT	LEG	CDIST	RAS	DECLS	LAMDA										
ARRIVAL DATE = 2447200.0																			
45740.0	47200.0	0.590	304.4	-17.2	1.23	1.308	115.0	0.754	3.164	300.8	555.9	0.780	5.549	-0.86	0.294	53.1	128.8	1.7	0.290
		12.94	7.87	20.80	TWO	5.290	78.3	3.0	129.5										
45750.0	47200.0	0.515	306.8	-15.9	1.31	1.307	110.4	0.734	3.176	311.2	556.2	0.846	5.507	-1.10	0.296	55.3	129.0	1.4	0.278
		11.11	7.74	18.84	TWO	5.290	78.3	3.0	129.3										
45760.0	47200.0	0.449	307.9	-14.7	1.45	1.306	106.0	0.718	3.187	321.4	556.3	0.900	5.474	-1.38	0.298	57.1	129.2	1.1	0.269
		9.53	7.64	17.17	TWO	5.290	78.3	3.0	129.1										
45770.0	47200.0	0.391	307.0	-13.5	1.68	1.304	101.7	0.705	3.195	331.5	556.4	0.943	5.447	-1.73	0.300	58.5	129.4	0.7	0.262
		8.24	7.56	15.81	TWO	5.290	78.3	3.0	128.9										
45780.0	47200.0	0.346	303.6	-11.9	2.07	1.302	97.6	0.696	3.202	341.4	556.4	0.975	5.428	-2.24	0.301	59.4	129.6	0.1	0.257
		7.29	7.51	14.80	TWO	5.290	78.3	3.0	128.7										
45790.0	47200.0	0.317	297.6	-9.3	2.80	1.300	93.5	0.690	3.205	351.3	556.4	0.994	5.415	-3.08	0.301	60.1	129.7	-0.8	0.254
		6.72	7.48	14.20	TWO	5.290	78.3	3.0	128.5										
45800.0	47200.0	0.313	289.6	-3.0	4.52	1.298	89.5	0.687	3.205	1.1	196.4	1.002D	5.409	-4.90	0.301	60.4	129.9	-2.7	0.254
		6.64	7.48	14.12	TWO	5.290	78.3	3.0	128.1										
45810.0	47200.0	0.393	279.1	21.7	12.38	1.296	85.6	0.689	3.202	10.8	196.3	0.997D	5.407	-12.87	0.301	60.3	130.4	-10.4	0.264
		8.29	7.58	15.87	TWO	5.290	78.3	3.0	126.4										
45820.0	47200.0	0.451	276.6	-72.1	-15.36	1.293	81.6	0.693	3.196	20.7	196.2	0.981D	5.411	14.77	0.300	60.0	131.7	16.5	0.269
		9.58	7.64	17.22	ONE	5.290	78.3	3.0	125.8										
45830.0	47200.0	0.389	275.2	-39.4	-4.89	1.291	77.7	0.701	3.186	30.1	196.0	0.954D	5.419	4.20	0.298	59.3	130.3	6.5	0.259
		8.20	7.53	15.74	ONE	5.290	78.3	3.0	126.0										
45840.0	47200.0	0.433	274.2	-31.9	-2.95	1.289	73.7	0.711	3.173	39.5	195.8	0.916D	5.430	2.16	0.296	58.4	130.3	4.4	0.263
		9.18	7.58	16.76	ONE	5.290	78.3	3.0	126.1										
45850.0	47200.0	0.491	275.4	-28.7	-2.16	1.287	69.7	0.725	3.157	48.8	195.6	0.868D	5.445	1.26	0.293	57.2	130.3	3.5	0.270
		10.52	7.65	18.17	ONE	5.290	78.3	3.0	126.0										
45860.0	47200.0	0.555	278.0	-26.9	-1.74	1.285	65.7	0.741	3.138	58.0	195.2	0.812D	5.463	0.73	0.290	55.7	130.5	3.0	0.278
		12.08	7.74	19.82	ONE	5.290	78.3	3.0	127.9										
45870.0	47200.0	0.624	281.7	-25.7	-1.50	1.283	61.6	0.760	3.116	67.1	194.7	0.748D	5.483	0.37	0.286	53.9	130.7	2.6	0.288
		13.81	7.85	21.65	ONE	5.290	78.3	3.0	127.7										
ARRIVAL DATE = 2447220.0																			
45740.0	47220.0	0.602	305.4	-17.0	1.20	1.309	115.7	0.758	3.178	299.3	556.2	0.769	5.586	-0.85	0.296	52.2	129.9	1.7	0.294
		13.26	7.92	21.18	TWO	5.560	80.1	3.0	130.2										
45750.0	47220.0	0.527	308.1	-15.8	1.27	1.308	111.1	0.738	3.190	309.7	556.5	0.837	5.543	-1.08	0.298	54.4	130.1	1.4	0.282
		11.38	7.78	19.16	TWO	5.560	80.1	3.0	130.1										
45760.0	47220.0	0.459	309.3	-14.6	1.40	1.306	106.7	0.721	3.200	319.9	556.7	0.893	5.508	-1.35	0.300	56.3	130.2	1.1	0.273
		9.76	7.68	17.44	TWO	5.560	80.1	3.0	129.9										
45770.0	47220.0	0.399	308.7	-13.4	1.60	1.305	102.4	0.708	3.209	330.0	556.8	0.938	5.480	-1.68	0.301	57.7	130.4	0.7	0.265
		8.43	7.60	16.03	TWO	5.560	80.1	3.0	129.7										
45780.0	47220.0	0.352	305.7	-12.0	1.95	1.303	98.2	0.698	3.215	340.0	556.8	0.971	5.459	-2.14	0.303	58.7	130.6	0.2	0.260
		7.42	7.54	14.96	TWO	5.560	80.1	3.0	129.5										
45790.0	47220.0	0.320	300.1	-9.8	2.58	1.301	94.1	0.692	3.219	349.9	556.8	0.993	5.445	-2.89	0.303	59.4	130.7	-0.6	0.257
		6.78	7.51	14.29	TWO	5.560	80.1	3.0	129.3										
45800.0	47220.0	0.311	292.2	-4.8	3.99	1.298	90.1	0.689	3.220	359.7	556.8	1.002	5.438	-4.39	0.303	59.7	130.8	-2.2	0.256
		6.61	7.50	14.11	TWO	5.560	80.1	3.0	129.0										
45810.0	47220.0	0.356	282.6	12.7	9.20	1.296	86.2	0.689	3.217	9.4	196.7	0.999D	5.435	-9.71	0.303	59.7	131.1	-7.4	0.261
		7.51	7.56	15.06	TWO	5.560	80.1	3.0	128.0										
45820.0	47220.0	0.591	176.7	-88.0	-25.03	1.294	82.1	0.694	3.211	19.4	196.6	0.984D	5.439	24.42	0.302	59.4	134.9	23.5	0.295
		12.97	7.93	20.90	ONE	5.560	80.1	3.0	123.3										
45830.0	47220.0	0.387	277.3	-41.6	-5.52	1.292	78.2	0.701	3.202	28.7	196.5	0.959D	5.446	4.81	0.300	58.8	131.4	7.0	0.261
		8.15	7.56	15.70	ONE	5.560	80.1	3.0	128.8										
45840.0	47220.0	0.427	275.9	-32.5	-3.14	1.290	74.3	0.711	3.190	38.1	196.3	0.922D	5.457	2.33	0.298	57.9	131.3	4.5	0.265
		9.02	7.60	16.62	ONE	5.560	80.1	3.0	128.9										
45850.0	47220.0	0.483	276.7	-28.9	-2.24	1.288	70.3	0.724	3.174	47.4	196.0	0.876D	5.472	1.33	0.296	56.7	131.4	3.5	0.272
		10.32	7.67	17.99	ONE	5.560	80.1	3.0	128.9										
45860.0	47220.0	0.546	279.1	-27.0	-1.78	1.286	66.3	0.740	3.155	56.6	195.6	0.821D	5.490	0.76	0.293	55.3	131.5	3.0	0.280
		11.86	7.75	19.61	ONE	5.560	80.1	3.0	128.7										
45870.0	47220.0	0.614	282.7	-25.7	-1.51	1.284	62.2	0.758	3.134	65.7	195.2	0.758D	5.510	0.38	0.289	53.5	131.7	2.6	0.289
		13.56	7.86	21.42	ONE	5.560	80.1	3.0	128.5										
ARRIVAL DATE = 2447240.0																			
45740.0	47240.0	0.615	306.5	-16.9	1.17	1.309	116.5	0.762	3.192	297.7	556.4	0.758	5.625	-0.85	0.298	51.2	131.1	1.7	0.299
		13.59	7.97	21.56	TWO	5.774	81.9	3.0	130.9										
45750.0	47240.0	0.538	309.2	-15.7	1.23	1.308	111.8	0.742	3.204	308.1	556.8	0.828	5.579	-1.07	0.300	53.6	131.2	1.4	0.287
		11.67	7.83	19.50	TWO	5.774	81.9	3.0	130.8										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45760.0	47240.0	0.469	310.7	-14.5	1.35	1.307	107.3	0.724	3.214	318.4	557.0	0.886	5.542	-1.32	0.302	55.4	131.3	1.1	0.277
		10.00	7.72	17.72	TWO	5.774	81.9	3.0	130.6										
45770.0	47240.0	0.408	310.3	-13.3	1.53	1.305	103.0	0.711	3.223	328.6	557.1	0.933	5.513	-1.63	0.303	56.9	131.5	0.8	0.269
		8.82	7.64	16.25	TWO	5.774	81.9	3.0	130.5										
45780.0	47240.0	0.358	307.7	-12.1	1.84	1.303	98.8	0.700	3.229	338.6	557.2	0.968	5.491	-2.06	0.304	58.0	131.6	0.3	0.263
		7.55	7.58	15.13	TWO	5.774	81.9	3.0	130.3										
45790.0	47240.0	0.324	302.5	-10.3	2.39	1.301	94.7	0.694	3.233	348.5	557.2	0.991	5.476	-2.72	0.305	58.7	131.7	-0.4	0.260
		6.86	7.54	14.40	TWO	5.774	81.9	3.0	130.1										
45800.0	47240.0	0.311	294.9	-6.2	3.55	1.299	90.7	0.690	3.234	358.3	557.2	1.002	5.467	-3.98	0.305	59.1	131.8	-1.8	0.258
		6.60	7.53	14.12	TWO	5.774	81.9	3.0	129.9										
45810.0	47240.0	0.337	285.7	6.6	7.27	1.297	86.7	0.690	3.232	8.0	197.1	1.001D	5.464	-7.80	0.305	59.1	132.0	-5.5	0.261
		7.12	7.56	14.67	TWO	5.774	81.9	3.0	129.2										
45830.0	47240.0	0.386	279.6	-44.5	-6.36	1.292	78.8	0.701	3.218	27.3	196.9	0.963D	5.474	5.64	0.303	58.8	132.5	7.8	0.264
		8.13	7.59	15.72	ONE	5.774	81.9	3.0	129.5										
45840.0	47240.0	0.420	277.6	-33.3	-3.35	1.290	74.9	0.710	3.207	36.7	196.7	0.928D	5.485	2.53	0.301	57.5	132.3	4.7	0.267
		8.88	7.62	16.50	ONE	5.774	81.9	3.0	129.7										
45850.0	47240.0	0.475	278.1	-29.2	-2.32	1.288	70.9	0.723	3.192	46.0	196.4	0.884D	5.499	1.40	0.298	56.3	132.4	3.5	0.273
		10.13	7.68	17.82	ONE	5.774	81.9	3.0	129.6										
45860.0	47240.0	0.537	280.3	-27.1	-1.82	1.286	66.9	0.739	3.174	55.2	196.0	0.830D	5.517	0.79	0.295	54.9	132.5	2.9	0.281
		11.64	7.77	19.40	ONE	5.774	81.9	3.0	129.5										
45870.0	47240.0	0.605	283.7	-25.8	-1.53	1.285	62.8	0.756	3.153	64.3	195.6	0.768D	5.537	0.39	0.292	53.2	132.8	2.6	0.290
		13.32	7.87	21.19	ONE	5.774	81.9	3.0	129.2										

ARRIVAL DATE = 2447260.0

45740.0	47260.0	0.628	307.6	-16.8	1.14	1.310	117.2	0.767	3.205	296.1	556.7	0.747	5.664	-0.84	0.300	50.3	132.3	1.6	0.303
		13.93	8.02	21.95	TWO	5.917	83.8	3.0	131.5										
45750.0	47260.0	0.550	310.4	-15.5	1.20	1.309	112.5	0.746	3.217	306.6	557.1	0.818	5.617	-1.06	0.302	52.7	132.3	1.4	0.291
		11.96	7.88	19.84	TWO	5.917	83.8	3.0	131.4										
45760.0	47260.0	0.488	312.0	-14.4	1.30	1.307	108.0	0.728	3.228	316.9	557.3	0.878	5.578	-1.30	0.304	54.6	132.4	1.1	0.281
		10.25	7.76	18.01	TWO	5.917	83.8	3.0	131.3										
45770.0	47260.0	0.417	312.0	-13.2	1.47	1.306	103.6	0.714	3.237	327.1	557.5	0.927	5.547	-1.59	0.305	56.1	132.5	0.8	0.273
		8.81	7.68	16.49	TWO	5.917	83.8	3.0	131.2										
45780.0	47260.0	0.365	309.7	-12.1	1.74	1.304	99.4	0.703	3.244	337.1	557.6	0.964	5.524	-1.98	0.306	57.3	132.7	0.3	0.267
		7.70	7.61	15.31	TWO	5.917	83.8	3.0	131.0										
45790.0	47260.0	0.328	304.8	-10.6	2.22	1.302	95.3	0.696	3.248	347.1	557.6	0.989	5.507	-2.57	0.307	58.0	132.8	-0.3	0.263
		6.94	7.57	14.51	TWO	5.917	83.8	3.0	130.9										
45800.0	47260.0	0.311	297.5	-7.3	3.20	1.299	91.3	0.692	3.249	356.9	557.6	1.001	5.497	-3.65	0.307	58.4	132.9	-1.4	0.261
		6.60	7.55	14.16	TWO	5.917	83.8	3.0	130.7										
45810.0	47260.0	0.326	288.7	2.3	5.97	1.297	87.3	0.692	3.248	6.6	197.5	1.002D	5.493	-6.51	0.307	58.5	133.0	-4.3	0.263
		6.90	7.57	14.47	TWO	5.917	83.8	3.0	130.2										
45830.0	47260.0	0.389	282.1	-48.5	-7.55	1.293	79.4	0.701	3.235	25.9	197.3	0.968D	5.502	6.81	0.305	57.8	133.7	8.8	0.267
		8.20	7.62	15.81	ONE	5.917	83.8	3.0	130.1										
45840.0	47260.0	0.414	279.4	-44.2	-3.61	1.291	75.4	0.710	3.224	35.3	197.1	0.935D	5.512	2.78	0.303	57.0	133.4	4.9	0.269
		8.74	7.64	16.38	ONE	5.917	83.8	3.0	130.4										
45850.0	47260.0	0.467	279.6	-29.5	-2.42	1.289	71.5	0.722	3.209	44.6	196.8	0.891D	5.527	1.49	0.301	55.9	133.5	3.6	0.275
		9.95	7.70	17.65	ONE	5.917	83.8	3.0	130.4										
45860.0	47260.0	0.528	281.5	-27.2	-1.86	1.287	67.5	0.737	3.192	53.8	196.4	0.839D	5.545	0.82	0.298	54.6	133.6	2.9	0.282
		11.42	7.78	19.20	ONE	5.917	83.8	3.0	130.2										
45870.0	47260.0	0.595	284.8	-25.8	-1.55	1.286	63.4	0.755	3.171	62.9	196.0	0.778D	5.565	0.40	0.294	52.9	133.9	2.5	0.291
		13.07	7.88	20.96	ONE	5.917	83.8	3.0	130.0										

ARRIVAL DATE = 2447280.0

45740.0	47280.0	0.642	308.6	-16.6	1.12	1.310	118.0	0.772	3.219	294.5	556.9	0.735	5.704	-0.84	0.302	49.4	133.5	1.6	0.308
		14.27	8.08	22.35	TWO	5.983	85.6	3.1	132.1										
45750.0	47280.0	0.563	311.6	-15.4	1.16	1.309	113.2	0.750	3.231	305.0	557.3	0.808	5.654	-1.04	0.304	51.9	133.5	1.4	0.295
		12.26	7.93	20.19	TWO	5.983	85.6	3.1	132.1										
45760.0	47280.0	0.499	313.4	-14.2	1.25	1.308	108.7	0.732	3.242	315.4	557.6	0.870	5.614	-1.27	0.305	53.8	133.6	1.1	0.284
		10.50	7.81	18.31	TWO	5.983	85.6	3.1	132.0										
45770.0	47280.0	0.426	313.6	-13.1	1.40	1.306	104.3	0.717	3.251	325.6	557.8	0.921	5.581	-1.55	0.307	55.4	133.7	0.8	0.276
		9.02	7.71	16.74	TWO	5.983	85.6	3.1	131.9										
45780.0	47280.0	0.373	311.6	-12.1	1.65	1.304	100.0	0.705	3.258	335.7	557.9	0.960	5.556	-1.91	0.308	56.6	133.8	0.4	0.270
		7.85	7.65	15.50	TWO	5.983	85.6	3.1	131.8										
45790.0	47280.0	0.333	307.1	-10.7	2.07	1.302	95.9	0.698	3.263	345.6	558.0	0.986	5.539	-2.44	0.309	57.4	133.9	-0.2	0.266
		7.04	7.60	14.64	TWO	5.983	85.6	3.1	131.6										
45800.0	47280.0	0.312	300.2	-8.2	2.90	1.300	91.9	0.693	3.264	355.5	558.0	1.001	5.528	-3.37	0.309	57.8	133.9	-1.1	0.263
		6.63	7.58	14.21	TWO	5.983	85.6	3.1	131.5										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I L LEG	V L CDIST	PSI L RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45810.0	47280.0	0.319	291.5	-0.9	5.03	1.298	87.9	0.693	3.263	5.2	197.9	1.0030	5.523	-5.60	0.309	58.0	134.1	-3.3	0.264
		6.77	7.59	14.35	TWO	5.983	85.6	3.1	131.1										
45820.0	47280.0	0.516	275.7	38.4	20.62	1.296	84.0	0.695	3.259	14.7	197.8	0.9940	5.524	-21.28	0.308	57.8	135.9	-16.8	0.292
		11.11	7.89	19.01	TWO	5.983	85.6	3.1	126.6										
45830.0	47280.0	0.399	284.9	-54.2	-9.36	1.293	79.9	0.701	3.251	24.5	197.7	0.9720	5.530	8.60	0.307	57.3	135.0	10.4	0.271
		8.41	7.66	16.07	ONE	5.983	85.6	3.1	130.5										
45840.0	47280.0	0.408	281.3	-35.2	-3.92	1.291	76.0	0.710	3.240	33.9	197.5	0.9400	5.540	3.07	0.305	56.6	134.5	5.1	0.271
		8.61	7.66	16.27	ONE	5.983	85.6	3.1	131.1										
45850.0	47280.0	0.459	281.1	-29.8	-2.53	1.290	72.1	0.722	3.227	43.2	197.2	0.8990	5.555	1.58	0.303	55.5	134.6	3.6	0.276
		9.76	7.72	17.48	ONE	5.983	85.6	3.1	131.1										
45860.0	47280.0	0.519	282.8	-27.3	-1.90	1.288	68.1	0.736	3.210	52.4	196.8	0.8470	5.572	0.86	0.300	54.2	134.7	2.9	0.284
		11.20	7.80	19.00	ONE	5.983	85.6	3.1	130.9										
45870.0	47280.0	0.585	285.8	-25.8	-1.56	1.286	64.0	0.753	3.190	61.5	196.4	0.7880	5.592	0.41	0.297	52.6	135.0	2.5	0.292
		12.83	7.89	20.73	ONE	5.983	85.6	3.1	130.7										

ARRIVAL DATE = 2447300.0

45750.0	47300.0	0.575	312.7	-15.2	1.13	1.310	114.0	0.754	3.245	303.5	557.5	0.798	5.693	-1.03	0.305	51.0	134.7	1.4	0.299
		12.58	7.98	20.55	TWO	5.970	87.4	3.1	132.7										
45760.0	47300.0	0.502	314.7	-14.0	1.21	1.308	109.3	0.735	3.256	313.9	557.9	0.862	5.650	-1.25	0.307	53.1	134.8	1.1	0.288
		10.77	7.85	18.62	TWO	5.970	87.4	3.1	132.6										
45770.0	47300.0	0.436	315.1	-13.0	1.34	1.307	104.9	0.720	3.265	324.1	558.1	0.914	5.616	-1.51	0.309	54.7	134.8	0.8	0.280
		9.24	7.75	16.99	TWO	5.970	87.4	3.1	132.5										
45780.0	47300.0	0.381	313.5	-12.0	1.56	1.305	100.7	0.708	3.272	334.2	558.2	0.955	5.590	-1.85	0.310	55.9	134.9	0.4	0.273
		8.02	7.68	15.70	TWO	5.970	87.4	3.1	132.5										
45790.0	47300.0	0.338	309.4	-10.9	1.93	1.303	96.5	0.700	3.277	344.2	558.3	0.983	5.571	-2.33	0.310	56.7	135.0	-0.1	0.269
		7.14	7.63	14.78	TWO	5.970	87.4	3.1	132.3										
45800.0	47300.0	0.314	302.8	-8.8	2.64	1.301	92.4	0.695	3.279	354.0	558.3	1.000	5.559	-3.13	0.311	57.3	135.0	-0.9	0.266
		6.67	7.61	14.27	TWO	5.970	87.4	3.1	132.2										
45810.0	47300.0	0.315	294.3	-3.2	4.33	1.298	88.5	0.694	3.279	3.8	198.3	1.0040	5.553	-4.92	0.311	57.4	135.1	-2.7	0.266
		6.68	7.61	14.29	TWO	5.970	87.4	3.1	131.9										
45820.0	47300.0	0.406	282.7	22.4	12.87	1.296	84.5	0.696	3.275	13.3	198.2	0.9960	5.553	-13.55	0.310	57.3	135.8	-10.6	0.278
		8.57	7.73	16.30	TWO	5.970	87.4	3.1	129.9										
45830.0	47300.0	0.426	288.2	-63.0	-12.44	1.294	80.5	0.701	3.268	23.1	198.1	0.9760	5.559	11.66	0.309	56.9	136.5	13.0	0.277
		9.01	7.72	16.73	ONE	5.970	87.4	3.1	130.4										
45840.0	47300.0	0.403	283.4	-36.5	-4.31	1.292	76.6	0.710	3.258	32.5	197.9	0.9460	5.569	3.44	0.307	56.2	135.7	5.4	0.273
		8.50	7.68	16.17	ONE	5.970	87.4	3.1	131.8										
45850.0	47300.0	0.451	282.6	-30.2	-2.65	1.290	72.7	0.721	3.244	41.8	197.6	0.9060	5.583	1.69	0.305	55.2	135.7	3.7	0.278
		9.59	7.73	17.32	ONE	5.970	87.4	3.1	131.8										
45860.0	47300.0	0.511	284.1	-27.4	-1.95	1.289	68.7	0.735	3.228	51.0	197.2	0.8560	5.600	0.90	0.303	53.9	135.9	2.9	0.285
		10.99	7.81	18.80	ONE	5.970	87.4	3.1	131.6										
45870.0	47300.0	0.576	286.9	-25.8	-1.58	1.287	64.7	0.751	3.209	60.1	196.7	0.7980	5.620	0.43	0.300	52.3	136.1	2.5	0.293
		12.60	7.91	20.50	ONE	5.970	87.4	3.1	131.3										
45880.0	47300.0	0.645	290.8	-24.5	-1.36	1.286	60.6	0.770	3.188	69.0	196.2	0.7330	5.642	0.10	0.296	50.5	136.4	2.2	0.303
		14.35	8.02	22.38	ONE	5.970	87.4	3.1	131.0										

ARRIVAL DATE = 2447320.0

45750.0	47320.0	0.588	313.8	-15.1	1.10	1.310	114.7	0.758	3.260	301.9	557.8	0.787	5.732	-1.03	0.307	50.2	136.0	1.3	0.304
		12.90	8.02	20.92	TWO	5.879	89.2	3.1	133.2										
45760.0	47320.0	0.513	316.0	-13.9	1.16	1.309	110.0	0.739	3.270	312.3	558.1	0.853	5.688	-1.24	0.309	52.3	136.0	1.1	0.292
		11.05	7.89	18.94	TWO	5.879	89.2	3.1	133.2										
45770.0	47320.0	0.446	316.7	-12.8	1.28	1.307	105.6	0.723	3.280	322.6	558.4	0.908	5.652	-1.48	0.310	54.0	136.0	0.8	0.283
		9.47	7.79	17.26	TWO	5.879	89.2	3.1	133.2										
45780.0	47320.0	0.389	315.4	-11.9	1.48	1.305	101.3	0.711	3.287	332.7	558.6	0.950	5.624	-1.79	0.311	55.2	136.1	0.5	0.276
		8.19	7.72	15.91	TWO	5.879	89.2	3.1	133.1										
45790.0	47320.0	0.344	311.7	-10.9	1.81	1.303	97.1	0.702	3.292	342.7	558.7	0.980	5.604	-2.22	0.312	56.1	136.1	0.0	0.271
		7.26	7.66	14.92	TWO	5.879	89.2	3.1	133.0										
45800.0	47320.0	0.317	305.4	-9.3	2.41	1.301	93.0	0.697	3.295	352.6	558.7	0.998	5.591	-2.93	0.312	56.7	136.2	-0.7	0.269
		6.72	7.64	14.35	TWO	5.879	89.2	3.1	132.9										
45810.0	47320.0	0.313	297.2	-4.9	3.78	1.299	89.0	0.695	3.294	2.3	198.7	1.0040	5.584	-4.38	0.312	56.9	136.3	-2.2	0.268
		6.64	7.63	14.27	TWO	5.879	89.2	3.1	132.7										
45820.0	47320.0	0.363	287.0	12.4	9.21	1.297	85.1	0.697	3.291	11.9	198.6	0.9980	5.583	-9.91	0.312	56.8	136.6	-7.3	0.274
		7.65	7.69	15.34	TWO	5.879	89.2	3.1	131.6										
45830.0	47320.0	0.504	292.9	-77.7	-18.81	1.295	81.1	0.702	3.284	21.8	198.5	0.9800	5.588	18.02	0.311	56.4	138.9	18.0	0.291
		10.83	7.88	18.70	ONE	5.879	89.2	3.1	129.1										
45840.0	47320.0	0.398	285.5	-38.1	-4.80	1.293	77.2	0.709	3.275	31.1	198.2	0.9520	5.597	3.92	0.309	55.8	136.8	5.8	0.275
		8.40	7.70	16.10	ONE	5.879	89.2	3.1	132.4										

1984
EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
45850.0	47320.0	0.444 9.41	284.3 7.75	-30.6 17.16	-2.79 ONE	1.291 5.879	73.2 89.2	0.720 3.1	3.262 132.4	40.4	198.0	0.9130	5.611	1.82	0.308	54.8	136.8	3.7	0.279
45860.0	47320.0	0.502 10.78	285.4 7.82	-27.5 18.61	-2.01 ONE	1.289 5.879	69.3 89.2	0.734 3.1	3.246 132.3	49.6	197.6	0.8640	5.628	0.94	0.305	53.6	137.0	2.9	0.286
45870.0	47320.0	0.566 12.36	288.0 7.92	-25.8 20.28	-1.60 ONE	1.288 5.879	65.3 89.2	0.750 3.1	3.228 132.0	58.6	197.1	0.8070	5.648	0.44	0.302	52.1	137.3	2.4	0.294
45880.0	47320.0	0.635 14.10	291.8 8.03	-24.4 22.13	-1.37 ONE	1.287 5.879	61.2 89.2	0.768 3.1	3.207 131.7	67.6	196.6	0.7430	5.670	0.10	0.299	50.3	137.6	2.1	0.304

ARRIVAL DATE = 2447340.0

45750.0	47340.0	0.601 13.23	315.0 8.08	-14.9 21.30	1.06 TWO	1.311 5.717	115.4 91.0	0.763 3.1	3.274 133.7	300.3	558.0	0.776	5.772	-1.02	0.309	49.4	137.3	1.3	0.308
45760.0	47340.0	0.525 11.33	317.3 7.94	-13.7 19.27	1.12 TWO	1.309 5.717	110.8 91.0	0.743 3.1	3.285 133.8	310.7	558.4	0.844	5.725	-1.22	0.310	51.5	137.2	1.1	0.296
45770.0	47340.0	0.456 9.70	318.2 7.83	-12.6 17.54	1.23 TWO	1.308 5.717	106.3 91.0	0.727 3.1	3.294 133.8	321.1	558.7	0.900	5.688	-1.45	0.312	53.3	137.2	0.8	0.287
45780.0	47340.0	0.397 8.38	317.2 7.75	-11.7 16.13	1.40 TWO	1.306 5.717	101.9 91.0	0.714 3.1	3.302 133.7	331.2	558.9	0.945	5.658	-1.74	0.313	54.6	137.2	0.5	0.280
45790.0	47340.0	0.350 7.39	313.9 7.70	-10.9 15.08	1.69 TWO	1.304 5.717	97.7 91.0	0.705 3.1	3.307 133.6	341.2	559.0	0.977	5.637	-2.13	0.314	55.5	137.3	0.1	0.274
45800.0	47340.0	0.320 6.78	307.9 7.66	-9.6 14.44	2.22 TWO	1.302 5.717	93.7 91.0	0.699 3.1	3.310 133.5	351.1	559.0	0.997	5.621	-2.75	0.314	56.1	137.3	-0.6	0.271
45810.0	47340.0	0.311 6.61	299.9 7.65	-6.3 14.27	3.33 TWO	1.299 5.717	89.6 91.0	0.696 3.1	3.310 133.4	0.9	199.0	1.0050	5.615	-3.96	0.314	56.4	137.4	-1.8	0.270
45820.0	47340.0	0.342 7.22	290.5 7.69	6.0 14.91	7.09 TWO	1.297 5.717	85.7 91.0	0.697 3.1	3.307 132.7	10.5	199.0	1.0000	5.613	-7.81	0.314	56.3	137.6	-5.4	0.274
45840.0	47340.0	0.395 8.33	287.8 7.72	-40.2 16.06	-5.44 ONE	1.293 5.717	77.8 91.0	0.709 3.1	3.292 131.0	29.6	198.6	0.9570	5.626	4.55	0.312	55.4	138.0	6.3	0.277
45850.0	47340.0	0.436 9.25	286.0 7.77	-31.1 17.01	-2.95 ONE	1.292 5.717	73.8 91.0	0.720 3.1	3.280 130.1	38.9	198.3	0.9200	5.640	1.97	0.310	54.5	138.0	3.8	0.281
45860.0	47340.0	0.493 10.58	286.8 7.84	-27.7 18.41	-2.07 ONE	1.290 5.717	69.9 91.0	0.733 3.1	3.264 132.9	48.1	198.0	0.8720	5.656	0.99	0.307	53.3	138.2	2.9	0.287
45870.0	47340.0	0.557 12.13	289.2 7.93	-25.7 20.06	-1.62 ONE	1.289 5.717	65.9 91.0	0.748 3.1	3.247 132.6	57.2	197.5	0.8170	5.676	0.46	0.305	51.8	138.4	2.4	0.295
45880.0	47340.0	0.625 13.84	292.7 8.04	-24.3 21.88	-1.37 ONE	1.287 5.717	61.8 91.0	0.766 3.1	3.226 132.3	66.2	196.9	0.7540	5.699	0.10	0.301	50.1	138.8	2.1	0.305

ARRIVAL DATE = 2447360.0

45750.0	47360.0	0.614 13.57	316.0 8.13	-14.7 21.69	1.33 TWO	1.311 5.493	116.2 92.8	0.767 3.1	3.288 134.2	298.6	558.1	0.765	5.812	-1.01	0.310	48.6	138.6	1.3	0.312
45760.0	47360.0	0.537 11.62	318.5 7.98	-13.5 19.61	1.38 TWO	1.310 5.493	111.5 92.8	0.747 3.1	3.299 134.3	309.2	558.6	0.835	5.764	-1.20	0.312	50.8	138.5	1.1	0.300
45770.0	47360.0	0.467 9.95	319.6 7.87	-12.4 17.82	1.48 TWO	1.308 5.493	107.0 92.8	0.730 3.1	3.309 134.3	319.5	558.9	0.893	5.724	-1.42	0.313	52.6	138.5	0.8	0.290
45780.0	47360.0	0.406 8.67	318.9 7.79	-11.5 16.36	1.63 TWO	1.306 5.493	102.6 92.8	0.717 3.1	3.316 134.3	329.7	559.2	0.939	5.693	-1.69	0.315	53.9	138.5	0.5	0.283
45790.0	47360.0	0.357 7.62	316.9 7.73	-10.8 15.25	1.89 TWO	1.304 5.493	98.4 92.8	0.707 3.1	3.322 134.3	339.7	559.3	0.973	5.671	-2.05	0.315	54.9	138.5	0.1	0.277
45800.0	47360.0	0.324 6.85	310.4 7.69	-9.8 14.54	2.04 TWO	1.302 5.493	94.3 92.8	0.701 3.1	3.325 134.2	349.6	559.4	0.995	5.655	-2.60	0.316	55.6	138.5	-0.4	0.274
45810.0	47360.0	0.311 6.61	302.7 7.68	-7.2 14.28	2.97 TWO	1.300 5.493	90.2 92.8	0.698 3.1	3.325 134.0	359.4	559.4	1.005	5.646	-3.62	0.316	55.9	138.6	-1.4	0.273
45820.0	47360.0	0.330 6.98	293.7 7.70	1.6 14.68	5.71 TWO	1.298 5.493	86.3 92.8	0.698 3.1	3.323 133.6	9.1	199.3	1.0020	5.644	-6.44	0.316	55.9	138.7	-4.1	0.275
45840.0	47360.0	0.394 8.31	290.4 7.75	-43.1 16.06	-6.34 ONE	1.294 5.493	78.4 92.8	0.709 3.1	3.309 133.5	28.2	199.0	0.9620	5.656	5.43	0.314	55.0	139.3	7.0	0.279
45850.0	47360.0	0.429 9.09	287.7 7.78	-31.7 16.87	-3.14 ONE	1.292 5.493	74.4 92.8	0.719 3.1	3.297 133.7	37.5	198.7	0.9260	5.668	2.15	0.312	54.1	139.2	3.9	0.282
45860.0	47360.0	0.485 10.37	288.2 7.85	-27.8 18.23	-2.13 ONE	1.291 5.493	70.5 92.8	0.732 3.1	3.283 133.5	46.7	198.3	0.8800	5.685	1.05	0.310	53.0	139.4	2.9	0.289
45870.0	47360.0	0.548 11.90	290.4 7.94	-25.7 19.84	-1.65 ONE	1.289 5.493	66.5 92.8	0.747 3.1	3.265 133.3	55.8	197.9	0.8260	5.705	0.48	0.307	51.6	139.6	2.4	0.296
45880.0	47360.0	0.615 13.59	293.8 8.05	-24.2 21.64	-1.37 ONE	1.288 5.493	62.5 92.8	0.765 3.1	3.246 132.9	64.7	197.3	0.7640	5.727	0.10	0.304	49.9	139.9	2.1	0.306

1984
EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2447380.0											
45750.0	47380.0	0.628	317.1	-14.5	1.00	1.312	117.0	0.772	3.303	297.0	558.3	0.753	5.853	-1.01	0.312	47.8	139.9	1.2	0.316
		13.91	8.18	22.09	TWO	5.222	94.6	3.1	134.7										
45760.0	47380.0	0.549	319.7	-13.3	1.04	1.310	112.2	0.751	3.314	307.6	558.8	0.825	5.803	-1.19	0.314	50.1	139.8	1.0	0.304
		11.93	8.03	19.96	TWO	5.222	94.6	3.1	134.8										
45770.0	47380.0	0.478	321.0	-12.2	1.12	1.309	107.6	0.734	3.323	317.9	559.2	0.885	5.762	-1.40	0.315	51.9	139.7	0.8	0.294
		10.20	7.91	18.12	TWO	5.222	94.6	3.1	134.9										
45780.0	47380.0	0.415	320.7	-11.3	1.26	1.307	103.3	0.720	3.331	328.2	559.4	0.933	5.729	-1.65	0.316	53.3	139.7	0.5	0.286
		8.77	7.82	16.60	TWO	5.222	94.6	3.1	134.9										
45790.0	47380.0	0.364	318.1	-10.6	1.49	1.305	99.0	0.710	3.337	338.2	559.6	0.969	5.705	-1.98	0.317	54.3	139.7	0.2	0.280
		7.67	7.76	15.43	TWO	5.222	94.6	3.1	134.8										
45800.0	47380.0	0.328	312.9	-9.8	1.89	1.303	94.9	0.703	3.340	348.2	559.7	0.993	5.688	-2.46	0.317	55.0	139.7	-0.3	0.277
		6.94	7.72	14.66	TWO	5.222	94.6	3.1	134.8										
45810.0	47380.0	0.312	305.5	-8.0	2.66	1.301	90.8	0.699	3.341	358.0	559.7	1.004	5.678	-3.33	0.318	55.4	139.8	-1.2	0.275
		6.62	7.70	14.32	TWO	5.222	94.6	3.1	134.6										
45820.0	47380.0	0.323	296.7	-1.5	4.74	1.298	86.9	0.699	3.339	7.6	199.6	1.0040	5.675	-5.49	0.317	55.4	139.9	-3.2	0.276
		6.84	7.71	14.55	TWO	5.222	94.6	3.1	134.3										
45830.0	47380.0	0.563	276.6	41.6	23.31	1.296	83.0	0.703	3.334	17.0	199.5	0.9910	5.677	-24.14	0.317	55.2	142.3	-18.1	0.311
		12.27	8.11	20.38	TWO	5.222	94.6	3.1	128.5										
45840.0	47380.0	0.398	293.3	-47.3	-7.66	1.295	78.9	0.709	3.326	26.7	199.3	0.9670	5.685	6.74	0.315	54.6	140.6	8.1	0.282
		8.39	7.78	16.16	ONE	5.222	94.6	3.1	133.9										
45850.0	47380.0	0.423	289.6	-32.3	-3.38	1.293	75.0	0.719	3.315	36.0	199.1	0.9330	5.697	2.37	0.314	53.8	140.4	4.1	0.284
		8.94	7.80	16.74	ONE	5.222	94.6	3.1	134.3										
45860.0	47380.0	0.477	289.6	-27.9	-2.21	1.291	71.1	0.731	3.301	45.2	198.7	0.8880	5.714	1.12	0.312	52.7	140.6	2.9	0.290
		10.18	7.87	18.04	ONE	5.222	94.6	3.1	134.1										
45870.0	47380.0	0.539	291.6	-25.7	-1.67	1.290	67.1	0.746	3.284	54.3	198.2	0.8350	5.733	0.50	0.309	51.4	140.8	2.3	0.297
		11.67	7.95	19.62	ONE	5.222	94.6	3.1	133.8										
45880.0	47380.0	0.605	294.8	-24.2	-1.38	1.289	63.1	0.763	3.265	63.3	197.7	0.7740	5.755	0.11	0.306	49.7	141.2	2.0	0.306
		13.34	8.06	21.39	ONE	5.222	94.6	3.1	133.5										
								ARRIVAL DATE = 2447400.0											
45750.0	47400.0	0.642	318.2	-14.3	0.97	1.312	117.8	0.777	3.318	295.3	558.4	0.741	5.894	-1.00	0.314	47.0	141.3	1.2	0.321
		14.27	8.23	22.50	TWO	4.924	96.4	3.0	135.1										
45760.0	47400.0	0.562	320.9	-13.0	1.00	1.311	113.0	0.755	3.328	306.0	559.0	0.815	5.842	-1.18	0.315	49.3	141.1	1.0	0.308
		12.24	8.08	20.32	TWO	4.924	96.4	3.0	135.3										
45770.0	47400.0	0.489	322.4	-11.9	1.08	1.309	108.3	0.737	3.338	316.4	559.4	0.877	5.799	-1.37	0.317	51.2	141.0	0.8	0.298
		10.47	7.95	18.42	TWO	4.924	96.4	3.0	135.4										
45780.0	47400.0	0.425	322.3	-11.1	1.20	1.307	103.9	0.723	3.346	326.6	559.7	0.927	5.765	-1.61	0.318	52.7	141.0	0.5	0.289
		8.98	7.86	16.85	TWO	4.924	96.4	3.0	135.4										
45790.0	47400.0	0.372	320.1	-10.4	1.40	1.305	99.7	0.712	3.352	336.7	559.9	0.965	5.739	-1.91	0.319	53.8	141.0	0.2	0.283
		7.83	7.79	15.62	TWO	4.924	96.4	3.0	135.4										
45800.0	47400.0	0.333	315.3	-9.8	1.75	1.303	95.5	0.705	3.356	346.7	560.0	0.991	5.721	-2.34	0.319	54.5	141.0	-0.3	0.279
		7.03	7.75	14.78	TWO	4.924	96.4	3.0	135.3										
45810.0	47400.0	0.313	308.2	-8.5	2.40	1.301	91.5	0.701	3.357	356.5	560.0	1.004	5.710	-3.09	0.319	54.9	141.0	-1.0	0.277
		6.64	7.73	14.37	TWO	4.924	96.4	3.0	135.2										
45820.0	47400.0	0.318	299.7	-3.7	4.02	1.299	87.5	0.701	3.355	6.2	200.0	1.0050	5.706	-4.79	0.319	55.0	141.1	-2.6	0.278
		6.74	7.73	14.48	TWO	4.924	96.4	3.0	135.0										
45830.0	47400.0	0.417	286.8	22.7	13.21	1.297	83.5	0.703	3.351	15.7	199.9	0.9940	5.707	-14.07	0.318	54.8	141.8	-10.7	0.290
		8.82	7.87	16.69	TWO	4.924	96.4	3.0	132.8										
45840.0	47400.0	0.410	296.9	-53.7	-9.80	1.295	79.5	0.709	3.343	25.3	199.7	0.9720	5.715	8.87	0.317	54.3	142.1	9.9	0.285
		8.66	7.82	16.48	ONE	4.924	96.4	3.0	134.1										
45850.0	47400.0	0.416	291.5	-33.2	-3.66	1.293	75.6	0.718	3.333	34.6	199.4	0.9390	5.727	2.65	0.316	53.5	141.7	4.3	0.285
		8.79	7.82	16.61	ONE	4.924	96.4	3.0	134.8										
45860.0	47400.0	0.468	291.1	-28.1	-2.29	1.292	71.7	0.730	3.319	43.8	199.0	0.8960	5.742	1.19	0.314	52.5	141.8	2.9	0.291
		9.98	7.88	17.86	ONE	4.924	96.4	3.0	134.7										
45870.0	47400.0	0.529	292.8	-25.7	-1.70	1.291	67.7	0.744	3.303	52.9	198.6	0.8440	5.762	0.52	0.312	51.1	142.0	2.3	0.298
		11.44	7.96	19.41	ONE	4.924	96.4	3.0	134.4										
45880.0	47400.0	0.595	295.8	-24.1	-1.38	1.289	63.7	0.761	3.284	61.9	198.0	0.7850	5.784	0.11	0.309	49.6	142.4	2.0	0.307
		13.09	8.07	21.16	ONE	4.924	96.4	3.0	134.1										

1985
EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2446560.0											
46110.0	46560.0	0.649	302.5	-9.7	5.25	1.383	114.9	0.910	8.916	307.6	499.6	0.804	17.028A	-4.41	0.537	152.5	176.7	-1.9	0.532
		14.45	11.46	25.91	TWO	5.398	19.9	1.0	23.2										
46130.0	46560.0	0.570	318.4	-34.7	-7.55	1.395	108.1	0.937	14.212	322.5	494.2	0.893	27.531A	8.20	0.574	152.7	179.6	3.9	0.560
		12.45	11.97	24.43	ONE	5.398	19.9	1.0	20.8										
46140.0	46560.0	0.512	316.4	-26.3	-3.47	1.400	104.5	0.952	19.408	330.2	492.0	0.930	37.885A	4.02	0.590	152.8	180.9	1.9	0.570
		11.02	12.16	23.18	ONE	5.398	19.9	1.0	19.3										
46150.0	46560.0	0.471	315.4	-24.0	-2.30	1.404	100.7	0.967	28.934	338.2	490.0	0.962	56.905A	2.75	0.605	152.9	181.8	1.2	0.580
		10.04	12.35	22.39	ONE	5.398	19.9	1.0	18.2										
46160.0	46560.0	0.439	312.9	-23.5	-1.76	1.407	96.7	0.980	50.441	346.4	488.4	0.987	99.895A	2.11	0.617	153.0	182.6	0.9	0.590
		9.30	12.53	21.83	ONE	5.398	19.9	1.0	17.5										
46170.0	46560.0	0.419	308.3	-23.9	-1.46	1.409	92.4	0.992	131.227	355.1	487.3	1.001	261.452A	1.71	0.627	153.2	183.1	0.6	0.598
		8.87	12.69	21.55	ONE	5.398	19.9	1.0	16.9										
46180.0	46560.0	0.418	302.0	-24.6	-1.29	1.411	87.9	1.002	*******	4.2	126.6	1.0050	NA	1.41	0.634	153.4	183.4	0.5	0.605
		8.84	12.83	21.66	ONE	5.398	19.9	1.0	16.6										
46190.0	46560.0	0.439	295.1	-25.3	-1.18	1.411	83.0	1.008	*******	13.9	126.6	0.9940	NA	1.18	0.639	153.8	183.5	0.4	0.611
		9.31	12.95	22.26	ONE	5.398	19.9	1.0	16.5										
46200.0	46560.0	0.483	289.1	-25.5	-1.11	1.411	77.9	1.012	-81.424	24.1	127.1	0.9860	NA	0.98	0.642	154.3	183.3	0.3	0.617
		10.33	13.06	23.40	ONE	5.398	19.9	1.0	16.7										
46210.0	46560.0	0.549	284.9	-25.4	-1.09	1.410	72.4	1.013	-73.523	35.0	128.4	0.9200	NA	0.79	0.643	155.0	182.8	0.2	0.623
		11.92	13.18	25.10	ONE	5.398	19.9	1.0	17.1										
46220.0	46560.0	0.632	282.7	-25.2	-1.09	1.409	66.5	1.011	-77.491	46.7	130.5	0.8540	NA	0.61	0.643	155.9	182.0	0.1	0.630
		14.03	13.32	27.35	ONE	5.398	19.9	1.0	17.9										
								ARRIVAL DATE = 2446580.0											
46110.0	46580.0	0.625	302.2	-10.6	4.66	1.370	114.1	0.881	6.795	308.3	502.1	0.812	12.778A	-3.84	0.503	150.6	176.7	-1.7	0.497
		13.84	10.85	24.70	TWO	5.107	21.7	1.1	25.0										
46130.0	46580.0	0.562	320.7	-40.2	-9.42	1.380	107.3	0.900	9.029	323.4	496.9	0.899	17.159A	10.45	0.538	150.9	179.6	5.2	0.524
		12.25	11.32	23.57	ONE	5.107	21.7	1.1	23.0										
46140.0	46580.0	0.490	315.9	-28.1	-3.92	1.384	103.7	0.911	10.575	331.2	494.8	0.936	20.214A	4.45	0.553	151.0	181.0	2.2	0.532
		10.50	11.46	21.95	ONE	5.107	21.7	1.1	21.0										
46150.0	46580.0	0.448	314.4	-25.2	-2.50	1.387	99.9	0.923	12.473	339.3	492.9	0.966	23.979A	2.93	0.566	151.2	181.9	1.4	0.541
		9.52	11.62	21.13	ONE	5.107	21.7	1.1	19.9										
46160.0	46580.0	0.417	311.3	-24.5	-1.87	1.390	96.0	0.933	14.727	347.6	491.4	0.989	28.465A	2.20	0.577	151.3	182.7	1.0	0.549
		8.81	11.76	20.58	ONE	5.107	21.7	1.1	19.2										
46170.0	46580.0	0.400	306.2	-24.8	-1.54	1.391	91.7	0.942	17.238	356.4	490.4	1.002	33.473A	1.76	0.585	151.5	183.2	0.7	0.556
		8.43	11.89	20.32	ONE	5.107	21.7	1.1	18.6										
46180.0	46580.0	0.401	299.5	-25.4	-1.34	1.392	87.2	0.949	19.723	5.7	129.9	1.0040	38.442A	1.44	0.591	151.7	183.5	0.5	0.562
		8.45	12.01	20.46	ONE	5.107	21.7	1.1	18.3										
46190.0	46580.0	0.424	292.5	-25.8	-1.22	1.392	82.5	0.954	21.709	15.4	129.9	0.9910	42.427A	1.19	0.595	152.1	183.5	0.4	0.567
		8.97	12.10	21.07	ONE	5.107	21.7	1.1	18.3										
46200.0	46580.0	0.470	286.7	-25.9	-1.15	1.391	77.4	0.958	22.704	25.8	130.6	0.9620	44.446A	0.98	0.597	152.6	183.2	0.3	0.572
		10.02	12.20	22.22	ONE	5.107	21.7	1.1	18.5										
46210.0	46580.0	0.536	282.8	-25.7	-1.11	1.389	72.0	0.959	22.507	36.8	131.9	0.9140	44.100A	0.79	0.597	153.3	182.7	0.2	0.577
		11.60	12.29	23.90	ONE	5.107	21.7	1.1	19.1										
46220.0	46580.0	0.619	281.0	-25.4	-1.11	1.387	66.3	0.960	21.366	48.4	134.0	0.8470	41.884A	0.61	0.595	154.3	181.9	0.2	0.583
		13.68	12.40	26.09	ONE	5.107	21.7	1.1	19.9										
								ARRIVAL DATE = 2446600.0											
46100.0	46600.0	0.649	297.8	-16.0	2.61	1.354	116.7	0.850	5.146	301.5	507.2	0.769	9.522A	-1.70	0.454	148.2	174.8	-0.6	0.454
		14.46	10.13	24.59	TWO	4.798	23.5	1.2	28.7										
46110.0	46600.0	0.605	301.9	-11.3	4.21	1.360	113.4	0.855	5.650	308.9	504.5	0.818	10.483A	-3.40	0.473	148.5	176.6	-1.6	0.466
		13.33	10.33	23.66	TWO	4.798	23.5	1.2	28.9										
46120.0	46600.0	0.600	303.7	6.7	11.77	1.364	110.1	0.862	6.233	316.4	501.9	0.863	11.603A	-11.06	0.490	148.8	177.5	-5.7	0.481
		13.21	10.58	23.78	TWO	4.798	23.5	1.2	28.3										
46130.0	46600.0	0.576	326.7	-48.5	-13.77	1.368	106.6	0.869	6.896	324.3	499.5	0.905	12.887A	14.38	0.506	149.0	179.3	7.6	0.494
		12.60	10.80	23.40	ONE	4.798	23.5	1.2	25.7										
46140.0	46600.0	0.472	315.7	-30.2	-4.47	1.371	103.0	0.877	7.634	332.1	497.5	0.941	14.328A	4.98	0.519	149.2	181.0	2.6	0.497
		10.07	10.85	20.92	ONE	4.798	23.5	1.2	22.8										
46150.0	46600.0	0.429	313.4	-26.5	-2.72	1.373	99.3	0.885	8.425	340.3	495.7	0.970	15.881A	3.13	0.531	149.3	182.0	1.6	0.505
		9.08	10.98	20.06	ONE	4.798	23.5	1.2	21.7										
46160.0	46600.0	0.399	309.8	-25.5	-2.00	1.375	95.3	0.893	9.226	348.8	494.4	0.991	17.460A	2.30	0.541	149.5	182.7	1.1	0.512
		8.41	11.10	19.51	ONE	4.798	23.5	1.2	20.9										
46170.0	46600.0	0.383	304.2	-25.7	-1.62	1.376	91.1	0.899	9.967	357.7	493.4	1.003	18.930A	1.81	0.548	149.7	183.2	0.8	0.518
		8.07	11.21	19.27	ONE	4.798	23.5	1.2	20.4										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V L / CDIST	PSI L / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46180.0	46600.0	0.386	297.2	-26.2	-1.40	1.376	86.7	0.905	10.560	7.0	133.0	1.0020	20.118A	1.48	0.553	150.0	183.4	0.6	0.523
		8.14	11.30	19.44	ONE	4.798	23.5	1.2	20.2										
46190.0	46600.0	0.412	290.1	-26.4	-1.26	1.375	82.0	0.910	10.922	16.9	133.1	0.9880	20.856A	1.21	0.556	150.3	183.4	0.5	0.527
		8.69	11.38	20.07	ONE	4.798	23.5	1.2	20.2										
46200.0	46600.0	0.459	284.5	-26.2	-1.18	1.374	77.0	0.913	11.003	27.3	133.9	0.9570	21.048A	0.99	0.557	150.8	183.1	0.3	0.532
		9.77	11.45	21.22	ONE	4.798	23.5	1.2	20.5										
46210.0	46600.0	0.526	280.9	-25.9	-1.14	1.372	71.7	0.916	10.811	38.3	135.3	0.9090	20.713A	0.79	0.555	151.6	182.5	0.3	0.536
		11.35	11.53	22.88	ONE	4.798	23.5	1.2	21.0										
46220.0	46600.0	0.608	279.5	-25.5	-1.13	1.369	66.1	0.919	10.412	50.0	137.4	0.8410	19.982A	0.60	0.552	152.5	181.6	0.2	0.541
		13.40	11.62	25.03	ONE	4.798	23.5	1.2	22.0										
ARRIVAL DATE = 2446620.0																			
46100.0	46620.0	0.633	297.6	-16.2	2.49	1.346	116.1	0.831	4.589	301.9	509.4	0.775	8.403A	-1.59	0.428	146.1	174.5	-0.6	0.427
		14.06	9.70	23.76	TWO	4.498	25.3	1.3	30.8										
46110.0	46620.0	0.588	301.6	-11.9	3.85	1.350	112.8	0.833	4.940	309.4	506.8	0.824	9.056A	-3.06	0.446	146.4	176.4	-1.5	0.437
		12.90	9.87	22.77	TWO	4.498	25.3	1.3	28.9										
46120.0	46620.0	0.565	303.5	1.5	9.05	1.354	109.5	0.837	5.326	317.0	504.3	0.869	9.783A	-8.36	0.462	146.7	177.6	-4.6	0.449
		12.32	10.06	22.38	TWO	4.498	25.3	1.3	27.8										
46140.0	46620.0	0.458	315.7	-32.7	-5.18	1.360	102.4	0.847	6.175	333.0	500.1	0.945	11.405A	5.67	0.489	147.2	180.9	3.2	0.465
		9.74	10.32	20.06	ONE	4.498	25.3	1.3	24.8										
46150.0	46620.0	0.413	312.5	-27.8	-2.97	1.362	98.6	0.853	6.607	341.2	498.5	0.973	12.241A	3.36	0.500	147.4	181.9	1.8	0.472
		8.72	10.42	19.15	ONE	4.498	25.3	1.3	23.6										
46160.0	46620.0	0.383	308.4	-26.6	-2.13	1.363	94.7	0.858	7.010	349.8	497.2	0.993	13.027A	2.42	0.508	147.6	182.6	1.2	0.478
		8.07	10.53	18.63	ONE	4.498	25.3	1.3	22.8										
46170.0	46620.0	0.369	302.3	-26.6	-1.70	1.363	90.6	0.864	7.350	358.8	496.4	1.003	13.697A	1.88	0.515	147.8	183.1	0.9	0.483
		7.77	10.61	18.39	ONE	4.498	25.3	1.3	22.3										
46180.0	46620.0	0.374	295.0	-26.8	-1.45	1.363	86.2	0.868	7.592	8.2	136.0	1.0010	14.182A	1.51	0.519	148.1	183.3	0.7	0.488
		7.89	10.69	18.57	ONE	4.498	25.3	1.3	22.1										
46190.0	46620.0	0.402	287.9	-26.8	-1.30	1.361	81.5	0.872	7.708	18.2	136.3	0.9850	14.431A	1.23	0.521	148.5	183.3	0.5	0.491
		8.47	10.75	19.23	ONE	4.498	25.3	1.3	22.1										
46200.0	46620.0	0.450	282.5	-26.5	-1.21	1.360	76.6	0.876	7.689	28.6	137.1	0.9530	14.424A	1.00	0.521	149.0	182.9	0.4	0.495
		9.57	10.82	20.38	ONE	4.498	25.3	1.3	22.5										
46210.0	46620.0	0.517	279.3	-26.1	-1.16	1.357	71.5	0.880	7.544	39.7	138.5	0.9040	14.185A	0.80	0.518	149.7	182.2	0.3	0.499
		11.14	10.88	22.02	ONE	4.498	25.3	1.3	23.1										
46220.0	46620.0	0.599	278.2	-25.6	-1.15	1.354	66.0	0.886	7.304	51.3	140.6	0.8360	13.773A	0.60	0.514	150.7	181.3	0.2	0.503
		13.17	10.96	24.12	ONE	4.498	25.3	1.3	24.1										
ARRIVAL DATE = 2446640.0																			
46100.0	46640.0	0.620	297.4	-16.3	2.39	1.338	115.6	0.814	4.200	302.3	511.6	0.780	7.619A	-1.50	0.404	143.8	174.1	-0.6	0.402
		13.71	9.33	23.04	TWO	4.238	27.1	1.4	33.0										
46110.0	46640.0	0.573	301.4	-12.4	3.56	1.342	112.3	0.814	4.460	309.9	509.0	0.828	8.091A	-2.78	0.421	144.2	176.1	-1.5	0.411
		12.53	9.47	22.00	TWO	4.238	27.1	1.4	31.0										
46120.0	46640.0	0.541	303.4	-1.8	7.39	1.345	109.0	0.816	4.737	317.6	506.7	0.873	8.600A	-6.72	0.436	144.6	177.5	-3.9	0.422
		11.73	9.62	21.35	TWO	4.238	27.1	1.4	29.7										
46140.0	46640.0	0.448	316.1	-35.9	-6.11	1.350	101.8	0.821	5.310	333.7	502.7	0.948	9.671A	6.58	0.462	145.1	180.7	3.9	0.437
		9.51	9.86	19.37	ONE	4.238	27.1	1.4	26.9										
46150.0	46640.0	0.400	311.8	-29.3	-3.27	1.351	98.1	0.825	5.582	342.1	501.1	0.976	10.188A	3.64	0.471	145.4	181.8	2.1	0.442
		8.43	9.94	18.37	ONE	4.238	27.1	1.4	25.6										
46160.0	46640.0	0.370	307.1	-27.7	-2.28	1.352	94.2	0.829	5.822	350.8	500.0	0.994	10.650A	2.54	0.479	145.6	182.5	1.4	0.447
		7.80	10.03	17.82	ONE	4.238	27.1	1.4	24.8										
46170.0	46640.0	0.357	300.6	-27.4	-1.79	1.352	90.1	0.833	6.012	359.8	499.2	1.003	11.021A	1.94	0.485	145.9	183.0	1.0	0.452
		7.53	10.10	17.63	ONE	4.238	27.1	1.4	24.3										
46180.0	46640.0	0.365	293.0	-27.4	-1.52	1.351	85.7	0.837	6.134	9.4	139.0	1.0000	11.268A	1.55	0.488	146.1	183.2	0.8	0.456
		7.68	10.16	17.84	ONE	4.238	27.1	1.4	24.1										
46190.0	46640.0	0.394	286.0	-27.2	-1.35	1.350	81.2	0.841	6.176	19.3	139.2	0.9830	11.370A	1.25	0.489	146.5	183.1	0.6	0.459
		8.30	10.22	18.51	ONE	4.238	27.1	1.4	24.1										
46200.0	46640.0	0.443	280.8	-26.8	-1.24	1.347	76.4	0.845	6.136	29.9	140.1	0.9490	11.322A	1.01	0.488	147.0	182.6	0.4	0.462
		9.40	10.27	19.67	ONE	4.238	27.1	1.4	24.5										
46210.0	46640.0	0.510	277.9	-26.2	-1.19	1.345	71.3	0.851	6.021	40.9	141.5	0.8990	11.143A	0.80	0.485	147.7	181.9	0.3	0.465
		10.97	10.32	21.29	ONE	4.238	27.1	1.4	25.3										
46220.0	46640.0	0.591	277.1	-25.7	-1.17	1.342	65.9	0.858	5.849	52.5	143.6	0.8310	10.866A	0.60	0.480	148.7	180.9	0.3	0.470
		12.97	10.39	23.36	ONE	4.238	27.1	1.4	26.3										
ARRIVAL DATE = 2446660.0																			
46100.0	46660.0	0.609	297.2	-16.5	2.30	1.332	115.2	0.800	3.914	302.6	513.7	0.783	7.045A	-1.42	0.382	141.4	173.6	-0.6	0.379
		13.42	9.00	22.43	TWO	4.053	28.9	1.5	35.4										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46110.0	46660.0	0.561	301.2	-12.9	3.31	1.335	111.9	0.798	4.117	310.3	511.2	0.833	7.401A	-2.55	0.399	141.9	175.6	-1.4	0.387
		12.21	9.12	21.33	TWO	4.053	28.9	1.5	33.3										
46120.0	46660.0	0.523	303.4	-4.2	6.27	1.338	108.5	0.797	4.326	318.1	509.0	0.877	7.775A	-5.61	0.413	142.4	177.2	-3.4	0.396
		11.29	9.25	20.54	TWO	4.053	28.9	1.5	31.7										
46140.0	46660.0	0.443	317.3	-39.9	-7.40	1.342	101.3	0.799	4.741	334.4	505.2	0.951	8.531A	7.85	0.437	143.0	180.4	5.0	0.411
		9.40	9.47	18.88	ONE	4.053	28.9	1.5	29.2										
46150.0	46660.0	0.388	311.2	-31.0	-3.62	1.342	97.6	0.802	4.929	342.9	503.7	0.978	8.879A	3.96	0.446	143.3	181.5	2.5	0.415
		8.19	9.53	17.71	ONE	4.053	28.9	1.5	27.7										
46160.0	46660.0	0.359	305.9	-28.8	-2.45	1.343	93.7	0.804	5.088	351.6	502.6	0.996	9.180A	2.69	0.453	143.5	182.3	1.6	0.420
		7.57	9.59	17.16	ONE	4.053	28.9	1.5	26.8										
46170.0	46660.0	0.348	299.0	-28.2	-1.89	1.342	89.7	0.807	5.206	0.8	142.0	1.0030	9.410A	2.02	0.458	143.8	182.7	1.1	0.423
		7.33	9.65	16.99	ONE	4.053	28.9	1.5	26.3										
46180.0	46660.0	0.357	291.2	-28.0	-1.58	1.341	85.4	0.811	5.275	10.3	141.8	0.9990	9.551A	1.59	0.461	144.1	182.9	0.9	0.427
		7.51	9.71	17.22	ONE	4.053	28.9	1.5	26.1										
46190.0	46660.0	0.387	284.3	-27.6	-1.39	1.339	80.9	0.815	5.287	20.4	142.1	0.9800	9.594A	1.28	0.461	144.5	182.8	0.7	0.430
		8.15	9.75	17.90	ONE	4.053	28.9	1.5	26.3										
46200.0	46660.0	0.437	279.3	-27.0	-1.28	1.337	76.1	0.820	5.243	30.9	143.0	0.9460	9.539A	1.03	0.459	145.0	182.3	0.5	0.432
		9.26	9.79	19.06	ONE	4.053	28.9	1.5	26.7										
46210.0	46660.0	0.504	276.7	-26.4	-1.21	1.334	71.1	0.826	5.147	42.0	144.4	0.8950	9.399A	0.81	0.455	145.7	181.5	0.4	0.435
		10.83	9.84	20.67	ONE	4.053	28.9	1.5	27.5										
46220.0	46660.0	0.584	276.2	-25.8	-1.19	1.331	65.8	0.835	5.012	53.5	146.4	0.8270	9.196A	0.60	0.450	146.6	180.4	0.3	0.439
		12.79	9.90	22.69	ONE	4.053	28.9	1.5	28.6										

ARRIVAL DATE = 2446680.0

46100.0	46680.0	0.599	297.1	-16.6	2.21	1.326	114.9	0.787	3.699	302.8	515.7	0.787	6.611A	-1.35	0.363	138.9	172.9	-0.5	0.358
		13.18	8.72	21.90	TWO	3.970	30.7	1.6	37.9										
46110.0	46680.0	0.550	301.1	-13.2	3.11	1.329	111.5	0.784	3.861	310.6	513.4	0.836	6.886A	-2.36	0.378	139.5	175.1	-1.3	0.366
		11.95	8.82	20.77	TWO	3.970	30.7	1.6	35.7										
46120.0	46680.0	0.509	303.3	-5.9	5.47	1.331	108.1	0.781	4.026	318.5	511.2	0.881	7.172A	-4.83	0.392	140.0	176.8	-3.1	0.373
		10.94	8.92	19.87	TWO	3.970	30.7	1.6	33.9										
46140.0	46680.0	0.447	319.9	-45.4	-9.31	1.334	101.9	0.786	4.343	335.0	507.6	0.954	7.731A	9.74	0.414	140.8	180.0	6.6	0.389
		9.49	9.14	18.64	ONE	3.970	30.7	1.6	31.8										
46150.0	46680.0	0.380	310.8	-32.9	-4.04	1.335	97.2	0.781	4.480	343.5	506.2	0.979	7.980A	4.36	0.423	141.1	181.2	2.9	0.390
		8.60	9.16	17.76	ONE	3.970	30.7	1.6	29.9										
46160.0	46680.0	0.350	304.9	-29.9	-2.63	1.335	93.1	0.783	4.592	352.4	505.2	0.996	8.188A	2.85	0.429	141.4	182.0	1.8	0.394
		7.38	9.22	16.60	ONE	3.970	30.7	1.6	29.0										
46170.0	46680.0	0.340	297.6	-29.0	-2.00	1.334	89.3	0.785	4.672	1.6	144.6	1.0030	8.341A	2.10	0.434	141.7	182.4	1.3	0.398
		7.17	9.27	16.44	ONE	3.970	30.7	1.6	28.5										
46180.0	46680.0	0.350	289.7	-28.4	-1.65	1.333	85.1	0.788	4.713	11.2	144.5	0.9970	8.429A	1.64	0.436	142.0	182.5	1.0	0.401
		7.37	9.31	16.68	ONE	3.970	30.7	1.6	28.3										
46190.0	46680.0	0.381	282.8	-27.9	-1.44	1.331	80.6	0.792	4.711	21.3	144.8	0.9780	8.445A	1.30	0.436	142.3	182.4	0.7	0.403
		8.03	9.35	17.38	ONE	3.970	30.7	1.6	28.5										
46200.0	46680.0	0.432	278.1	-27.2	-1.31	1.328	75.9	0.798	4.668	31.8	145.7	0.9430	8.392A	1.04	0.433	142.8	181.8	0.6	0.406
		9.15	9.39	18.53	ONE	3.970	30.7	1.6	29.0										
46210.0	46680.0	0.499	275.8	-26.5	-1.24	1.325	71.0	0.805	4.586	42.9	147.1	0.8920	8.279A	0.81	0.429	143.5	181.0	0.5	0.408
		10.70	9.43	20.13	ONE	3.970	30.7	1.6	29.8										
46220.0	46680.0	0.578	275.5	-25.9	-1.21	1.322	65.8	0.816	4.474	54.3	149.0	0.8240	8.123A	0.61	0.422	144.4	179.8	0.4	0.412
		12.64	9.48	22.12	ONE	3.970	30.7	1.6	31.0										

ARRIVAL DATE = 2446700.0

46100.0	46700.0	0.591	297.1	-16.7	2.14	1.321	114.6	0.777	3.531	302.9	517.6	0.789	6.273A	-1.29	0.345	136.4	172.1	-0.5	0.340
		12.98	8.47	21.46	TWO	4.006	32.6	1.7	40.4										
46110.0	46700.0	0.541	301.0	-13.6	2.93	1.324	111.2	0.771	3.665	310.8	515.4	0.838	6.492A	-2.19	0.360	137.1	174.4	-1.3	0.346
		11.73	8.55	20.28	TWO	4.006	32.6	1.7	38.1										
46120.0	46700.0	0.497	303.2	-7.2	4.86	1.326	107.8	0.768	3.800	318.8	513.3	0.883	6.716A	-4.23	0.373	137.6	176.3	-2.8	0.353
		10.67	8.64	19.31	TWO	4.006	32.6	1.7	36.3										
46130.0	46700.0	0.536	302.3	20.4	15.33	1.327	104.3	0.765	3.930	326.9	511.5	0.922	6.937A	-14.81	0.384	138.1	176.6	-10.1	0.368
		11.60	8.85	20.45	TWO	4.006	32.6	1.7	36.7										
46140.0	46700.0	0.468	325.9	-53.1	-12.42	1.328	100.6	0.764	4.050	335.6	509.9	0.956	7.144A	12.83	0.394	138.5	179.3	9.1	0.371
		9.97	8.88	18.86	ONE	4.006	32.6	1.7	34.9										
46150.0	46700.0	0.373	310.7	-35.1	-4.56	1.328	96.9	0.764	4.155	344.1	508.6	0.981	7.329A	4.86	0.402	138.8	180.8	3.5	0.368
		7.86	8.85	16.71	ONE	4.006	32.6	1.7	32.2										
46160.0	46700.0	0.343	304.1	-31.1	-2.84	1.328	93.0	0.765	4.239	353.0	507.7	0.997	7.480A	3.04	0.408	139.1	181.5	2.1	0.371
		7.23	8.89	16.12	ONE	4.006	32.6	1.7	31.2										
46170.0	46700.0	0.333	296.4	-29.8	-2.11	1.327	89.0	0.767	4.295	2.3	147.1	1.0030	7.588A	2.20	0.412	139.4	182.0	1.5	0.374
		7.03	8.93	15.96	ONE	4.006	32.6	1.7	30.7										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46180.0	46700.0	0.344	288.4	-29.1	-1.72	1.325	84.8	0.769	4.320	12.0	147.0	0.996D	7.644A	1.69	0.413	139.7	182.1	1.1	0.377
		7.26	8.97	16.23	ONE	4.006	32.6	1.7	30.6										
46190.0	46700.0	0.376	281.6	-28.2	-1.49	1.323	80.4	0.774	4.312	22.1	147.4	0.976D	7.648A	1.33	0.413	140.1	181.9	0.8	0.379
		7.93	9.00	16.93	ONE	4.006	32.6	1.7	30.8										
46200.0	46700.0	0.428	277.1	-27.3	-1.35	1.321	75.8	0.780	4.270	32.6	148.3	0.941D	7.599A	1.05	0.410	140.6	181.3	0.7	0.381
		9.05	9.03	18.08	ONE	4.006	32.6	1.7	31.3										
46210.0	46700.0	0.494	275.0	-26.6	-1.27	1.318	70.9	0.788	4.199	43.6	149.6	0.890D	7.507A	0.82	0.405	141.2	180.4	0.5	0.384
		10.58	9.07	19.65	ONE	4.006	32.6	1.7	32.2										
46220.0	46700.0	0.572	274.9	-25.9	-1.23	1.314	65.8	0.800	4.103	55.0	151.5	0.822D	7.383A	0.61	0.398	142.1	179.1	0.4	0.387
		12.49	9.12	21.61	ONE	4.006	32.6	1.7	33.5										
ARRIVAL DATE = 2446720.0																			
46100.0	46720.0	0.585	297.1	-16.8	2.07	1.317	114.4	0.767	3.399	303.0	519.5	0.791	6.007A	-1.23	0.329	133.7	171.2	-0.4	0.323
		12.82	8.26	21.08	TWO	4.154	34.4	1.7	43.2										
46110.0	46720.0	0.536	300.9	-13.9	2.77	1.319	111.0	0.761	3.512	311.0	517.4	0.841	6.184A	-2.05	0.343	134.5	173.6	-1.2	0.328
		11.55	8.33	19.87	TWO	4.154	34.4	1.7	40.7										
46120.0	46720.0	0.488	303.2	-8.3	4.38	1.321	107.5	0.756	3.624	319.1	515.4	0.885	6.363A	-3.77	0.356	135.1	175.6	-2.6	0.334
		10.45	8.40	18.84	TWO	4.154	34.4	1.7	38.7										
46130.0	46720.0	0.486	302.4	11.4	11.15	1.322	104.0	0.752	3.731	327.3	513.6	0.924	6.537A	-10.65	0.367	135.7	176.6	-7.7	0.344
		10.40	8.53	18.93	TWO	4.154	34.4	1.7	38.1										
46140.0	46720.0	0.533	343.1	-63.4	-18.34	1.323	100.2	0.750	3.828	336.0	512.1	0.958	6.699A	18.73	0.376	136.1	177.9	13.6	0.360
		11.53	8.74	20.27	ONE	4.154	34.4	1.7	39.2										
46150.0	46720.0	0.369	311.0	-37.7	-5.21	1.323	96.6	0.749	3.912	344.6	510.9	0.982	6.841A	5.49	0.383	136.5	180.2	4.2	0.348
		7.77	8.58	16.35	ONE	4.154	34.4	1.7	34.6										
46160.0	46720.0	0.337	303.5	-32.4	-3.08	1.322	92.8	0.749	3.976	353.6	510.0	0.998	6.955A	3.26	0.389	136.8	181.0	2.4	0.350
		7.11	8.61	15.71	ONE	4.154	34.4	1.7	33.6										
46170.0	46720.0	0.327	295.4	-30.6	-2.24	1.321	88.8	0.750	4.018	2.9	149.5	1.003D	7.033A	2.30	0.392	137.1	181.4	1.7	0.353
		6.92	8.64	15.56	ONE	4.154	34.4	1.7	33.1										
46180.0	46720.0	0.339	287.3	-29.5	-1.80	1.319	84.6	0.753	4.033	12.6	149.5	0.996D	7.071A	1.75	0.393	137.4	181.5	1.2	0.355
		7.16	8.67	15.83	ONE	4.154	34.4	1.7	33.0										
46190.0	46720.0	0.372	280.5	-28.5	-1.55	1.317	80.2	0.758	4.021	22.7	149.9	0.975D	7.068A	1.36	0.392	137.8	181.3	0.9	0.357
		7.84	8.70	16.54	ONE	4.154	34.4	1.7	33.2										
46200.0	46720.0	0.423	276.2	-27.5	-1.39	1.314	75.7	0.764	3.982	33.2	150.7	0.939D	7.025A	1.07	0.389	138.3	180.7	0.7	0.359
		8.96	8.73	17.68	ONE	4.154	34.4	1.7	33.8										
46210.0	46720.0	0.489	274.4	-26.7	-1.29	1.311	70.9	0.773	3.918	44.2	152.0	0.888D	6.948A	0.83	0.384	138.8	179.7	0.6	0.362
		10.48	8.76	19.24	ONE	4.154	34.4	1.7	34.8										
46220.0	46720.0	0.567	274.5	-26.0	-1.25	1.308	65.9	0.786	3.834	55.5	153.8	0.821D	6.848A	0.61	0.376	139.7	178.4	0.5	0.365
		12.36	8.81	21.17	ONE	4.154	34.4	1.7	36.1										
ARRIVAL DATE = 2446740.0																			
46100.0	46740.0	0.580	297.1	-16.9	2.01	1.313	114.3	0.760	3.293	303.0	521.3	0.792	5.793A	-1.18	0.315	130.9	170.2	-0.4	0.308
		12.69	8.08	20.77	TWO	4.392	36.2	1.8	46.0										
46110.0	46740.0	0.528	300.9	-14.1	2.63	1.315	110.8	0.752	3.390	311.0	519.3	0.842	5.938A	-1.93	0.328	131.8	172.7	-1.1	0.312
		11.40	8.13	19.53	TWO	4.392	36.2	1.8	43.5										
46120.0	46740.0	0.480	303.3	-9.2	4.00	1.317	107.3	0.746	3.485	319.2	517.4	0.887	6.084A	-3.41	0.340	132.6	174.8	-2.4	0.317
		10.27	8.18	18.45	TWO	4.392	36.2	1.8	41.3										
46130.0	46740.0	0.460	302.7	5.7	8.78	1.318	103.8	0.741	3.575	327.5	515.7	0.926	6.224A	-8.30	0.351	133.2	176.1	-6.3	0.324
		9.80	8.28	18.07	TWO	4.392	36.2	1.8	40.2										
46150.0	46740.0	0.368	311.7	-40.8	-6.05	1.318	96.4	0.736	3.724	345.0	513.1	0.983	6.465A	6.31	0.366	134.1	179.6	5.1	0.330
		7.75	8.34	16.10	ONE	4.392	36.2	1.8	37.2										
46160.0	46740.0	0.332	303.0	-33.8	-3.36	1.317	92.5	0.736	3.775	354.0	512.3	0.998	6.553A	3.52	0.371	134.5	180.4	2.8	0.331
		7.01	8.36	15.37	ONE	4.392	36.2	1.8	36.1										
46170.0	46740.0	0.323	294.6	-31.4	-2.38	1.316	88.6	0.737	3.807	3.4	151.8	1.002D	6.611A	2.42	0.374	134.8	180.8	1.9	0.333
		6.83	8.39	15.22	ONE	4.392	36.2	1.8	35.6										
46180.0	46740.0	0.335	286.4	-30.0	-1.89	1.314	84.4	0.739	3.816	13.1	151.8	0.995D	6.638A	1.81	0.375	135.1	180.9	1.4	0.335
		7.08	8.41	15.49	ONE	4.392	36.2	1.8	35.4										
46190.0	46740.0	0.369	279.7	-28.8	-1.60	1.312	80.1	0.744	3.802	23.2	152.2	0.974D	6.631A	1.40	0.374	135.4	180.6	1.1	0.337
		7.76	8.44	16.20	ONE	4.392	36.2	1.8	35.7										
46200.0	46740.0	0.420	275.6	-27.7	-1.43	1.309	75.6	0.751	3.765	33.7	153.0	0.938D	6.593A	1.09	0.370	135.8	179.9	0.8	0.339
		8.87	8.46	17.34	ONE	4.392	36.2	1.8	36.3										
46210.0	46740.0	0.485	273.9	-26.8	-1.32	1.306	70.9	0.761	3.708	44.6	154.3	0.887D	6.529A	0.84	0.365	136.4	178.9	0.7	0.342
		10.38	8.50	18.88	ONE	4.392	36.2	1.8	37.4										
46220.0	46740.0	0.561	274.2	-26.1	-1.27	1.302	65.9	0.774	3.633	55.8	155.9	0.820D	6.446A	0.61	0.357	137.1	177.5	0.6	0.345
		12.23	8.54	20.78	ONE	4.392	36.2	1.8	38.7										
46230.0	46740.0	0.646	276.0	-25.5	-1.25	1.299	60.8	0.791	3.546	67.3	157.9	0.740D	6.353A	0.40	0.347	138.2	175.8	0.5	0.350
		14.39	8.61	23.00	ONE	4.392	36.2	1.8	40.4										

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
ARRIVAL DATE = 2446760.0																			
46100.0	46760.0	0.576	297.2	-17.0	1.95	1.310	114.2	0.753	3.206	302.9	523.1	0.792	5.621A	-1.14	0.302	128.1	169.1	-0.3	0.294
		12.60	7.92	20.51	TWO	4.686	38.0	1.9	48.9										
46110.0	46760.0	0.523	301.0	-14.4	2.51	1.312	110.7	0.744	3.292	311.0	521.1	0.843	5.741A	-1.82	0.315	129.1	171.7	-1.1	0.298
		11.28	7.96	19.24	TWO	4.686	38.0	1.9	46.3										
46120.0	46760.0	0.474	303.3	-9.9	3.68	1.313	107.1	0.737	3.374	319.3	519.3	0.888	5.860A	-3.11	0.326	130.0	173.9	-2.3	0.302
		10.13	8.00	18.13	TWO	4.686	38.0	1.9	44.1										
46130.0	46760.0	0.445	303.1	1.9	7.27	1.314	103.6	0.731	3.451	327.7	517.7	0.927	5.975A	-6.81	0.336	130.6	175.5	-5.4	0.307
		9.44	8.07	17.50	TWO	4.686	38.0	1.9	42.6										
46150.0	46760.0	0.371	313.2	-44.8	-7.20	1.314	96.2	0.725	3.576	345.3	515.2	0.984	6.169A	7.44	0.351	131.6	178.8	6.3	0.314
		7.81	8.15	15.96	ONE	4.686	38.0	1.9	40.0										
46160.0	46760.0	0.328	302.8	-35.3	-3.69	1.313	92.4	0.724	3.618	354.4	514.4	0.998	6.238A	3.82	0.356	132.0	179.7	3.2	0.314
		6.94	8.15	15.09	ONE	4.686	38.0	1.9	38.7										
46170.0	46760.0	0.319	294.0	-32.2	-2.54	1.311	88.4	0.725	3.643	3.8	154.0	1.002D	6.283A	2.55	0.358	132.3	180.1	2.1	0.316
		6.75	8.17	14.92	ONE	4.686	38.0	1.9	38.1										
46180.0	46760.0	0.332	285.7	-30.5	-1.98	1.309	84.3	0.727	3.648	13.5	154.0	0.994D	6.302A	1.88	0.359	132.6	180.2	1.6	0.317
		7.01	8.19	15.20	ONE	4.686	38.0	1.9	38.0										
46190.0	46760.0	0.365	279.1	-29.1	-1.66	1.307	80.0	0.732	3.633	23.6	154.4	0.973D	6.294A	1.44	0.357	133.0	179.8	1.2	0.319
		7.69	8.21	15.90	ONE	4.686	38.0	1.9	38.3										
46200.0	46760.0	0.416	275.1	-27.8	-1.47	1.304	75.6	0.740	3.599	34.1	155.2	0.937D	6.261A	1.11	0.354	133.3	179.1	0.9	0.321
		8.79	8.24	17.03	ONE	4.686	38.0	1.9	39.0										
46210.0	46760.0	0.481	273.6	-26.9	-1.35	1.301	70.9	0.750	3.546	44.9	156.4	0.886D	6.207A	0.85	0.348	133.8	178.0	0.8	0.324
		10.28	8.27	18.55	ONE	4.686	38.0	1.9	40.1										
46220.0	46760.0	0.556	274.0	-26.1	-1.28	1.298	66.0	0.764	3.479	56.0	158.0	0.820D	6.138A	0.62	0.340	134.5	176.6	0.6	0.327
		12.11	8.31	20.42	ONE	4.686	38.0	1.9	41.5										
46230.0	46760.0	0.640	275.9	-25.6	-1.26	1.294	61.0	0.782	3.401	67.4	159.8	0.741D	6.060A	0.40	0.330	135.4	174.8	0.6	0.332
		14.23	8.38	22.61	ONE	4.686	38.0	1.9	43.2										
ARRIVAL DATE = 2446780.0																			
46100.0	46780.0	0.573	297.3	-17.1	1.89	1.308	114.1	0.747	3.136	302.7	524.7	0.792	5.480A	-1.10	0.290	125.2	167.9	-0.3	0.282
		12.53	7.78	20.31	TWO	5.000	39.8	2.0	52.0										
46110.0	46780.0	0.519	301.1	-14.6	2.40	1.309	110.6	0.737	3.212	311.0	522.9	0.843	5.580A	-1.73	0.303	126.3	170.6	-1.0	0.285
		11.20	7.81	19.01	TWO	5.000	39.8	2.0	49.2										
46120.0	46780.0	0.470	303.5	-10.5	3.41	1.310	107.0	0.729	3.284	319.3	521.1	0.889	5.679A	-2.86	0.314	127.3	172.9	-2.1	0.288
		10.02	7.84	17.86	TWO	5.000	39.8	2.0	46.9										
46130.0	46780.0	0.434	303.4	-0.9	6.21	1.311	103.4	0.723	3.351	327.8	519.6	0.928	5.774A	-5.77	0.324	128.0	174.6	-4.7	0.292
		9.19	7.89	17.09	TWO	5.000	39.8	2.0	45.2										
46150.0	46780.0	0.381	316.0	-50.0	-8.84	1.310	96.0	0.715	3.458	345.5	517.2	0.984	5.932A	9.06	0.338	129.1	177.8	8.0	0.300
		8.02	7.99	16.00	ONE	5.000	39.8	2.0	43.1										
46160.0	46780.0	0.326	302.9	-37.0	-4.08	1.309	92.2	0.714	3.493	354.6	516.5	0.998	5.988A	4.19	0.342	129.5	178.8	3.8	0.298
		6.90	7.96	14.86	ONE	5.000	39.8	2.0	41.4										
46170.0	46780.0	0.315	293.7	-33.1	-2.71	1.307	88.3	0.715	3.513	4.1	156.1	1.002D	6.023A	2.71	0.344	129.8	179.3	2.4	0.300
		6.69	7.98	14.67	ONE	5.000	39.8	2.0	40.8										
46180.0	46780.0	0.328	285.2	-31.0	-2.07	1.305	84.2	0.717	3.515	13.8	156.1	0.994D	6.037A	1.95	0.344	130.1	179.3	1.7	0.301
		6.94	8.00	14.94	ONE	5.000	39.8	2.0	40.7										
46190.0	46780.0	0.362	278.7	-29.3	-1.72	1.303	80.0	0.722	3.500	23.9	156.5	0.972D	6.029A	1.48	0.343	130.4	179.0	1.3	0.303
		7.63	8.02	15.64	ONE	5.000	39.8	2.0	41.0										
46200.0	46780.0	0.413	274.8	-28.0	-1.51	1.300	75.6	0.730	3.468	34.3	157.3	0.936D	6.000A	1.13	0.339	130.8	178.2	1.1	0.305
		8.72	8.04	16.76	ONE	5.000	39.8	2.0	41.7										
46210.0	46780.0	0.477	273.4	-27.0	-1.38	1.297	71.0	0.741	3.420	45.1	158.4	0.886D	5.954A	0.86	0.333	131.2	177.1	0.9	0.308
		10.19	8.07	18.26	ONE	5.000	39.8	2.0	42.8										
46220.0	46780.0	0.552	273.9	-26.2	-1.31	1.294	66.2	0.756	3.359	56.1	159.9	0.821D	5.896A	0.62	0.325	131.8	175.6	0.7	0.311
		11.99	8.12	20.10	ONE	5.000	39.8	2.0	44.3										
46230.0	46780.0	0.634	275.9	-25.6	-1.27	1.290	61.2	0.774	3.287	67.4	161.6	0.743D	5.831A	0.40	0.314	132.6	173.8	0.6	0.316
		14.07	8.18	22.25	ONE	5.000	39.8	2.0	46.1										
ARRIVAL DATE = 2446800.0																			
46100.0	46800.0	0.572	297.5	-17.1	1.84	1.305	114.1	0.743	3.078	302.5	526.3	0.791	5.365A	-1.06	0.280	122.3	166.5	-0.2	0.272
		12.49	7.67	20.15	TWO	5.302	41.7	2.0	55.1										
46110.0	46800.0	0.517	301.3	-14.8	2.30	1.307	110.5	0.732	3.146	310.8	524.6	0.843	5.449A	-1.64	0.292	123.5	169.4	-0.9	0.273
		11.14	7.68	18.82	TWO	5.302	41.7	2.0	52.3										
46120.0	46800.0	0.466	303.6	-11.1	3.19	1.307	107.0	0.723	3.210	319.3	522.9	0.889	5.531A	-2.65	0.303	124.5	171.7	-2.0	0.275
		9.93	7.71	17.64	TWO	5.302	41.7	2.0	49.9										
46130.0	46800.0	0.427	303.7	-3.0	5.43	1.308	103.4	0.716	3.269	327.8	521.4	0.928	5.610A	-5.01	0.312	125.4	173.6	-4.2	0.279
		9.03	7.74	16.77	TWO	5.302	41.7	2.0	48.0										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46140.0	46800.0	0.537	299.5	34.8	19.67	1.308	99.8	0.711	3.321	336.4	520.2	0.960	5.682A	-19.36	0.320	126.0	172.7	-16.1	0.302
		11.63	8.01	19.64	TWO	5.302	41.7	2.0	50.1										
46150.0	46800.0	0.403	321.8	-57.1	-11.38	1.307	95.9	0.707	3.363	345.7	519.2	0.985	5.741A	11.58	0.325	126.6	176.7	10.6	0.290
		8.51	7.87	16.37	ONE	5.302	41.7	2.0	46.5										
46160.0	46800.0	0.325	303.2	-39.0	-4.56	1.306	92.2	0.706	3.392	354.8	518.5	0.999	5.786A	4.65	0.329	127.0	177.9	4.4	0.285
		6.88	7.81	14.68	ONE	5.302	41.7	2.0	44.2										
46170.0	46800.0	0.313	293.5	-34.0	-2.91	1.304	88.2	0.706	3.408	4.2	158.1	1.0020	5.815A	2.88	0.332	127.3	178.3	2.8	0.285
		6.64	7.82	14.46	ONE	5.302	41.7	2.0	43.6										
46180.0	46800.0	0.326	284.9	-31.5	-2.18	1.302	84.2	0.709	3.409	14.0	158.2	0.9940	5.825A	2.04	0.332	127.6	178.4	2.0	0.287
		6.89	7.83	14.72	ONE	5.302	41.7	2.0	43.5										
46190.0	46800.0	0.359	278.4	-29.6	-1.79	1.299	80.0	0.714	3.394	24.1	158.5	0.9720	5.817A	1.52	0.330	127.9	178.0	1.5	0.288
		7.57	7.85	15.42	ONE	5.302	41.7	2.0	43.8										
46200.0	46800.0	0.410	274.6	-28.2	-1.56	1.297	75.6	0.722	3.364	34.5	159.3	0.9360	5.792A	1.16	0.326	128.2	177.2	1.2	0.290
		8.65	7.87	16.52	ONE	5.302	41.7	2.0	44.6										
46210.0	46800.0	0.473	273.3	-27.1	-1.41	1.294	71.1	0.733	3.320	45.2	160.3	0.8860	5.753A	0.87	0.319	128.5	176.1	1.0	0.293
		10.10	7.90	18.00	ONE	5.302	41.7	2.0	45.7										
46220.0	46800.0	0.547	274.0	-26.3	-1.33	1.290	66.3	0.748	3.263	56.1	161.7	0.8220	5.704A	0.63	0.311	129.0	174.5	0.8	0.297
		11.87	7.95	19.81	ONE	5.302	41.7	2.0	47.2										
46230.0	46800.0	0.628	276.0	-25.6	-1.28	1.287	61.4	0.767	3.197	67.3	163.3	0.7450	5.650A	0.40	0.301	129.7	172.7	0.7	0.302
		13.92	8.01	21.93	ONE	5.302	41.7	2.0	49.0										

ARRIVAL DATE = 2446820.0

46100.0	46820.0	0.571	297.7	-17.2	1.80	1.303	114.2	0.739	3.031	302.2	527.9	0.790	5.271A	-1.03	0.271	119.3	165.1	-0.1	0.262
		12.47	7.57	20.04	TWO	5.564	43.5	2.1	58.4										
46110.0	46820.0	0.515	301.5	-14.9	2.21	1.305	110.5	0.728	3.092	310.6	526.2	0.842	5.341A	-1.57	0.283	120.6	168.0	-0.8	0.263
		11.10	7.58	18.67	TWO	5.564	43.5	2.1	55.4										
46120.0	46820.0	0.464	303.9	-11.5	2.99	1.305	106.9	0.718	3.150	319.1	524.6	0.889	5.410A	-2.47	0.293	121.8	170.5	-1.8	0.264
		9.87	7.59	17.46	TWO	5.564	43.5	2.1	52.9										
46130.0	46820.0	0.421	304.1	-8.7	4.83	1.305	103.3	0.710	3.202	327.7	523.2	0.928	5.476A	-4.43	0.302	122.7	172.5	-3.8	0.267
		8.91	7.62	16.52	TWO	5.564	43.5	2.1	51.0										
46140.0	46820.0	0.453	300.2	21.6	13.40	1.305	99.7	0.704	3.248	336.4	522.0	0.960	5.536A	-13.11	0.309	123.4	172.9	-11.8	0.279
		9.62	7.74	17.37	TWO	5.564	43.5	2.1	51.0										
46150.0	46820.0	0.456	336.6	-66.3	-15.85	1.304	95.9	0.700	3.285	345.8	521.0	0.985	5.585A	16.03	0.315	123.9	175.2	14.9	0.286
		9.71	7.82	17.52	ONE	5.564	43.5	2.1	50.7										
46160.0	46820.0	0.326	303.9	-41.4	-5.15	1.303	92.1	0.698	3.311	354.9	520.4	0.999	5.623A	5.22	0.318	124.4	176.8	5.2	0.272
		6.89	7.67	14.56	ONE	5.564	43.5	2.1	47.2										
46170.0	46820.0	0.311	293.5	-35.1	-3.13	1.301	88.2	0.699	3.324	4.3	160.1	1.0020	5.646A	3.08	0.320	124.8	177.3	3.1	0.272
		6.60	7.67	14.28	ONE	5.564	43.5	2.1	46.5										
46180.0	46820.0	0.323	284.8	-32.0	-2.30	1.299	84.2	0.701	3.323	14.1	160.1	0.9930	5.653A	2.13	0.320	125.0	177.3	2.2	0.274
		6.84	7.69	14.53	ONE	5.564	43.5	2.1	46.4										
46190.0	46820.0	0.356	278.3	-29.9	-1.86	1.297	80.0	0.706	3.309	24.2	160.4	0.9720	5.646A	1.57	0.318	125.3	176.9	1.7	0.275
		7.51	7.70	15.21	ONE	5.564	43.5	2.1	46.7										
46200.0	46820.0	0.406	274.5	-28.3	-1.60	1.294	75.7	0.714	3.280	34.5	161.1	0.9370	5.624A	1.18	0.314	125.5	176.1	1.3	0.277
		8.57	7.73	16.30	ONE	5.564	43.5	2.1	47.5										
46210.0	46820.0	0.469	273.3	-27.2	-1.44	1.291	71.2	0.726	3.239	45.1	162.1	0.8870	5.591A	0.88	0.308	125.8	174.9	1.1	0.280
		10.00	7.76	17.76	ONE	5.564	43.5	2.1	48.6										
46220.0	46820.0	0.542	274.1	-26.3	-1.35	1.288	66.5	0.741	3.187	56.0	163.4	0.8240	5.550A	0.63	0.299	126.2	173.4	0.9	0.284
		11.75	7.80	19.55	ONE	5.564	43.5	2.1	50.2										
46230.0	46820.0	0.622	276.2	-25.7	-1.30	1.284	61.6	0.761	3.126	67.0	164.9	0.7480	5.504A	0.41	0.289	126.8	171.5	0.8	0.290
		13.77	7.86	21.63	ONE	5.564	43.5	2.1	52.0										

ARRIVAL DATE = 2446840.0

46100.0	46840.0	0.571	298.0	-17.2	1.75	1.302	114.2	0.736	2.991	301.9	529.3	0.788	5.194A	-1.00	0.263	116.2	163.7	-0.1	0.254
		12.48	7.49	19.96	TWO	5.767	45.3	2.2	61.7										
46110.0	46840.0	0.515	301.8	-15.1	2.13	1.303	110.6	0.724	3.047	310.4	527.7	0.841	5.253A	-1.50	0.275	117.7	166.6	-0.7	0.254
		11.08	7.48	18.57	TWO	5.767	45.3	2.2	58.7										
46120.0	46840.0	0.462	304.2	-11.9	2.82	1.303	106.9	0.713	3.100	318.9	526.2	0.888	5.311A	-2.32	0.284	119.0	169.2	-1.7	0.255
		9.84	7.49	17.33	TWO	5.767	45.3	2.2	56.1										
46130.0	46840.0	0.418	304.5	-8.0	4.36	1.303	103.3	0.705	3.147	327.6	524.9	0.928	5.366A	-3.97	0.293	119.9	171.3	-3.5	0.256
		8.82	7.51	16.33	TWO	5.767	45.3	2.2	54.0										
46140.0	46840.0	0.417	301.1	13.4	10.15	1.303	99.7	0.699	3.188	336.4	523.7	0.960	5.416A	-9.88	0.300	120.7	172.3	-9.3	0.263
		8.80	7.58	16.38	TWO	5.767	45.3	2.2	53.2										
46150.0	46840.0	0.602	26.9	-72.6	-25.57	1.302	95.8	0.694	3.221	345.8	522.8	0.985	5.457A	25.73	0.305	121.3	172.5	22.6	0.300
		13.24	7.98	21.23	ONE	5.767	45.3	2.2	57.1										
46160.0	46840.0	0.329	305.0	-44.3	-5.91	1.300	92.1	0.692	3.244	354.9	522.2	0.999	5.489A	5.96	0.309	121.8	175.7	6.2	0.261
		6.95	7.56	14.50	ONE	5.767	45.3	2.2	50.3										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46170.0	46840.0	0.310 6.58	293.8 7.55	-36.2 14.13	-3.39 ONE	1.299 5.767	88.2 45.3	0.692 2.2	3.255 49.4	4.3	161.9	1.002D	5.508A	3.32	0.310	122.2	176.2	3.6	0.261
46180.0	46840.0	0.321 6.80	284.8 7.56	-32.6 14.36	-2.43 ONE	1.296 5.767	84.2 45.3	0.695 2.2	3.254 49.3	14.1	161.9	0.994D	5.514A	2.24	0.310	122.4	176.2	2.4	0.262
46190.0	46840.0	0.354 7.45	278.3 7.58	-30.2 15.03	-1.93 ONE	1.294 5.767	80.1 45.3	0.700 2.2	3.239 49.7	24.1	162.2	0.972D	5.507A	1.63	0.308	122.6	175.8	1.8	0.263
46200.0	46840.0	0.403 8.50	274.6 7.60	-28.5 16.10	-1.65 ONE	1.291 5.767	75.8 45.3	0.708 2.2	3.213 50.4	34.4	162.9	0.937D	5.488A	1.21	0.304	122.8	175.0	1.4	0.266
46210.0	46840.0	0.465 9.91	273.4 7.63	-27.3 17.54	-1.47 ONE	1.288 5.767	71.4 45.3	0.720 2.2	3.174 51.6	45.0	163.8	0.889D	5.460A	0.90	0.298	123.0	173.8	1.2	0.268
46220.0	46840.0	0.537 11.63	274.2 7.68	-26.4 19.30	-1.37 ONE	1.285 5.767	66.7 45.3	0.736 2.2	3.126 53.2	55.8	165.0	0.826D	5.425A	0.64	0.289	123.3	172.2	1.0	0.273
46230.0	46840.0	0.616 13.61	276.4 7.74	-25.7 21.35	-1.31 ONE	1.282 5.767	61.9 45.3	0.755 2.2	3.069 55.1	66.7	166.4	0.752D	5.386A	0.41	0.279	123.8	170.3	0.9	0.278

ARRIVAL DATE = 2446860.0

46100.0	46860.0	0.572 12.50	298.3 7.42	-17.3 19.92	1.71 TWO	1.300 5.898	114.4 47.2	0.734 2.2	2.959 65.0	301.5	530.8	0.786	5.132A	-0.97	0.256	113.2	162.2	0.0	0.248
46110.0	46860.0	0.515 11.09	302.1 7.41	-15.2 18.50	2.05 TWO	1.301 5.898	110.7 47.2	0.721 2.2	3.010 62.0	310.0	529.2	0.840	5.180A	-1.44	0.267	114.8	165.2	-0.6	0.247
46120.0	46860.0	0.461 9.82	304.5 7.41	-12.3 17.23	2.67 TWO	1.302 5.898	107.0 47.2	0.710 2.2	3.058 59.3	318.7	527.8	0.887	5.229A	-2.18	0.277	116.1	167.8	-1.6	0.246
46130.0	46860.0	0.415 8.77	304.9 7.42	-7.1 16.19	3.97 TWO	1.301 5.898	103.4 47.2	0.701 2.2	3.102 57.1	327.4	526.5	0.928	5.276A	-3.60	0.285	117.2	169.9	-3.2	0.247
46140.0	46860.0	0.398 8.39	302.0 7.46	7.8 15.85	8.18 TWO	1.301 5.898	99.7 47.2	0.694 2.2	3.139 55.9	336.2	525.4	0.960	5.318A	-7.93	0.292	118.1	171.3	-7.7	0.251
46160.0	46860.0	0.335 7.06	306.8 7.46	-47.9 14.53	-6.92 ONE	1.298 5.898	92.1 47.2	0.687 2.2	3.189 53.5	354.8	523.9	0.999	5.378A	6.95	0.300	119.2	174.5	7.5	0.252
46170.0	46860.0	0.309 6.56	294.2 7.45	-37.5 14.01	-3.69 ONE	1.297 5.898	88.3 47.2	0.687 2.2	3.198 52.5	4.2	163.6	1.002D	5.394A	3.60	0.302	119.6	175.0	4.0	0.251
46180.0	46860.0	0.319 6.76	285.1 7.46	-33.2 14.22	-2.57 ONE	1.294 5.898	84.3 47.2	0.689 2.2	3.196 52.4	14.0	163.6	0.994D	5.399A	2.36	0.301	119.8	175.0	2.7	0.251
46190.0	46860.0	0.351 7.40	278.5 7.47	-30.6 14.87	-2.02 ONE	1.292 5.898	80.2 47.2	0.694 2.2	3.183 52.7	24.0	164.0	0.973D	5.393A	1.69	0.299	120.0	174.6	2.0	0.253
46200.0	46860.0	0.400 8.43	274.8 7.49	-28.7 15.92	-1.70 ONE	1.289 5.898	75.9 47.2	0.703 2.2	3.158 53.5	34.3	164.6	0.938D	5.377A	1.25	0.295	120.1	173.8	1.6	0.255
46210.0	46860.0	0.461 9.81	273.7 7.53	-27.4 17.34	-1.51 ONE	1.286 5.898	71.5 47.2	0.715 2.2	3.122 54.7	44.8	165.4	0.890D	5.353A	0.92	0.289	120.3	172.5	1.3	0.258
46220.0	46860.0	0.532 11.51	274.5 7.57	-26.5 19.08	-1.39 ONE	1.283 5.898	66.9 47.2	0.731 2.2	3.076 56.3	55.5	166.5	0.829D	5.324A	0.65	0.280	120.4	171.0	1.1	0.263
46230.0	46860.0	0.610 13.46	276.7 7.63	-25.8 21.09	-1.32 ONE	1.280 5.898	62.2 47.2	0.750 2.2	3.023 58.1	66.3	167.8	0.755D	5.291A	0.41	0.270	120.7	169.1	0.9	0.268

ARRIVAL DATE = 2446880.0

46100.0	46880.0	0.574 12.55	298.7 7.37	-17.3 19.91	1.67 TWO	1.299 5.950	114.5 49.0	0.733 2.3	2.932 68.4	301.0	532.1	0.783	5.081A	-0.94	0.251	110.1	160.6	0.1	0.242
46110.0	46880.0	0.516 11.11	302.4 7.35	-15.3 18.46	1.98 TWO	1.300 5.950	110.8 49.0	0.719 2.3	2.980 65.3	309.6	530.6	0.838	5.121A	-1.39	0.261	111.9	163.7	-0.5	0.240
46120.0	46880.0	0.461 9.82	304.9 7.34	-12.6 17.16	2.53 TWO	1.300 5.950	107.1 49.0	0.707 2.3	3.024 62.6	318.3	529.3	0.886	5.162A	-2.07	0.270	113.3	166.4	-1.4	0.239
46130.0	46880.0	0.414 8.74	305.4 7.34	-7.9 16.08	3.65 TWO	1.300 5.950	103.4 49.0	0.698 2.3	3.064 60.4	327.1	528.0	0.927	5.201A	-3.30	0.278	114.5	168.6	-2.9	0.239
46140.0	46880.0	0.387 8.16	302.9 7.36	3.8 15.52	6.85 TWO	1.299 5.950	99.8 49.0	0.690 2.3	3.098 58.8	336.0	527.0	0.960	5.237A	-6.62	0.285	115.4	170.1	-6.5	0.242
46160.0	46880.0	0.346 7.29	309.7 7.39	-52.6 14.68	-8.34 ONE	1.297 5.950	92.2 49.0	0.682 2.3	3.143 56.8	354.6	525.6	0.999	5.288A	8.34	0.293	116.6	173.2	9.3	0.245
46170.0	46880.0	0.309 6.56	294.9 7.36	-38.9 13.92	-4.04 ONE	1.295 5.950	88.3 49.0	0.682 2.3	3.152 55.6	4.1	165.3	1.002D	5.301A	3.94	0.294	117.0	173.7	4.6	0.242
46180.0	46880.0	0.317 6.73	285.5 7.37	-33.9 14.09	-2.73 ONE	1.293 5.950	84.4 49.0	0.684 2.3	3.149 55.5	13.8	165.3	0.994D	5.305A	2.50	0.294	117.2	173.8	3.0	0.242
46190.0	46880.0	0.348 7.34	278.8 7.38	-30.9 14.73	-2.10 ONE	1.290 5.950	80.3 49.0	0.690 2.3	3.137 55.8	23.8	165.6	0.973D	5.300A	1.76	0.291	117.3	173.3	2.2	0.244
46200.0	46880.0	0.396 8.36	275.1 7.40	-28.9 15.76	-1.75 ONE	1.287 5.950	76.1 49.0	0.698 2.3	3.113 56.6	34.0	166.2	0.940D	5.286A	1.28	0.287	117.4	172.5	1.7	0.246
46210.0	46880.0	0.457 9.72	274.0 7.43	-27.5 17.15	-1.54 ONE	1.284 5.950	71.7 49.0	0.710 2.3	3.079 57.8	44.5	167.0	0.892D	5.266A	0.93	0.281	117.5	171.3	1.4	0.249

1985
EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46220.0	46880.0	0.527	274.8	-26.5	-1.41	1.281	67.2	0.726	3.036	55.1	168.0	0.832D	5.241A	0.65	0.273	117.5	169.7	1.2	0.254
		11.38	7.48	18.86	ONE	5.950	49.0	2.3	59.4										
46230.0	46880.0	0.604	277.1	-25.8	-1.34	1.278	62.5	0.746	2.987	65.8	169.1	0.760D	5.213A	0.41	0.263	117.7	167.8	1.0	0.260
		13.31	7.54	20.85	ONE	5.950	49.0	2.3	61.2										
ARRIVAL DATE = 2446900.0																			
46100.0	46900.0	0.577	299.1	-17.4	1.63	1.298	114.7	0.732	2.911	300.4	533.4	0.780	5.041A	-0.92	0.246	107.1	159.1	0.2	0.238
		12.61	7.32	19.94	TWO	5.921	50.8	2.4	71.7										
46110.0	46900.0	0.517	302.8	-15.4	1.92	1.299	110.9	0.717	2.955	309.2	532.0	0.835	5.074A	-1.34	0.256	109.0	162.2	-0.4	0.235
		11.15	7.30	18.45	TWO	5.921	50.8	2.4	68.6										
46120.0	46900.0	0.462	305.3	-12.8	2.41	1.299	107.2	0.705	2.996	317.9	530.7	0.884	5.108A	-1.96	0.265	110.5	164.9	-1.3	0.233
		9.84	7.28	17.12	TWO	5.921	50.8	2.4	65.9										
46130.0	46900.0	0.413	306.0	-8.7	3.37	1.299	103.5	0.695	3.033	326.8	529.5	0.926	5.140A	-3.05	0.272	111.7	167.1	-2.6	0.232
		8.73	7.27	16.00	TWO	5.921	50.8	2.4	63.6										
46140.0	46900.0	0.381	303.7	0.9	5.90	1.298	99.9	0.687	3.064	335.7	528.5	0.959	5.170A	-5.69	0.278	112.7	168.8	-5.7	0.234
		8.02	7.29	15.31	TWO	5.921	50.8	2.4	61.9										
46150.0	46900.0	0.591	295.4	48.0	25.03	1.297	96.2	0.682	3.089	344.6	527.7	0.983	5.195A	-24.94	0.283	113.5	166.7	-22.8	0.275
		12.98	7.71	20.69	TWO	5.921	50.8	2.4	65.3										
46160.0	46900.0	0.367	314.9	-59.0	-10.46	1.295	92.3	0.679	3.106	354.4	527.2	0.998	5.213A	10.44	0.286	114.0	171.8	11.8	0.240
		7.72	7.35	15.07	ONE	5.921	50.8	2.4	60.4										
46170.0	46900.0	0.310	295.9	-40.6	-4.48	1.293	88.4	0.678	3.113	3.8	166.9	1.002D	5.224A	4.35	0.287	114.4	172.4	5.3	0.234
		6.58	7.29	13.86	ONE	5.921	50.8	2.4	58.8										
46180.0	46900.0	0.316	286.1	-34.6	-2.90	1.291	86.5	0.680	3.111	13.6	166.9	0.995D	5.227A	2.66	0.287	114.6	172.4	3.4	0.234
		6.70	7.29	13.99	ONE	5.921	50.8	2.4	58.6										
46190.0	46900.0	0.346	279.3	-31.3	-2.20	1.289	80.5	0.686	3.099	23.5	167.1	0.974D	5.223A	1.83	0.285	114.7	172.0	2.4	0.236
		7.29	7.30	14.60	ONE	5.921	50.8	2.4	59.0										
46200.0	46900.0	0.393	275.5	-29.1	-1.81	1.286	76.3	0.694	3.076	33.7	167.7	0.941D	5.212A	1.32	0.281	114.7	171.2	1.9	0.238
		8.28	7.32	15.61	ONE	5.921	50.8	2.4	59.7										
46210.0	46900.0	0.453	274.4	-27.6	-1.58	1.283	71.9	0.706	3.045	44.1	168.4	0.895D	5.195A	0.95	0.275	114.7	170.0	1.5	0.241
		9.62	7.36	16.98	ONE	5.921	50.8	2.4	60.9										
46220.0	46900.0	0.522	275.2	-26.6	-1.44	1.280	67.5	0.722	3.005	54.6	169.4	0.835D	5.174A	0.66	0.267	114.7	168.4	1.3	0.246
		11.26	7.40	18.66	ONE	5.921	50.8	2.4	62.5										
46230.0	46900.0	0.598	277.5	-25.8	-1.35	1.277	62.8	0.742	2.957	65.3	170.4	0.764D	5.151A	0.42	0.256	114.7	166.6	1.1	0.252
		13.15	7.47	20.62	ONE	5.921	50.8	2.4	64.3										
ARRIVAL DATE = 2446920.0																			
46100.0	46920.0	0.580	299.5	-17.4	1.60	1.297	114.9	0.732	2.893	299.9	534.7	0.777	5.010A	-0.90	0.241	104.1	157.6	0.3	0.234
		12.70	7.29	19.99	TWO	5.814	52.6	2.4	75.0										
46110.0	46920.0	0.520	303.3	-15.5	1.86	1.298	111.1	0.716	2.934	308.6	533.3	0.833	5.036A	-1.30	0.251	106.1	160.7	-0.3	0.230
		11.21	7.25	18.46	TWO	5.814	52.6	2.4	72.0										
46120.0	46920.0	0.464	305.8	-13.1	2.30	1.298	107.4	0.703	2.973	317.5	532.1	0.882	5.064A	-1.87	0.260	107.7	163.4	-1.2	0.228
		9.88	7.23	17.11	TWO	5.814	52.6	2.4	69.2										
46130.0	46920.0	0.414	306.5	-9.3	3.14	1.298	103.7	0.693	3.007	326.4	530.9	0.924	5.091A	-2.83	0.267	109.0	165.7	-2.4	0.227
		8.74	7.22	15.96	TWO	5.814	52.6	2.4	66.9										
46140.0	46920.0	0.377	304.6	-1.4	5.18	1.297	100.0	0.685	3.037	335.4	530.0	0.958	5.115A	-4.99	0.273	110.1	167.4	-5.0	0.227
		7.94	7.22	15.17	TWO	5.814	52.6	2.4	65.1										
46150.0	46920.0	0.451	297.1	30.9	15.77	1.295	96.3	0.679	3.060	344.4	529.2	0.983	5.136A	-15.70	0.278	110.9	167.3	-16.1	0.244
		9.59	7.38	16.97	TWO	5.814	52.6	2.4	65.6										
46160.0	46920.0	0.409	326.7	-67.4	-13.98	1.294	92.4	0.675	3.075	354.1	528.7	0.998	5.152A	13.94	0.281	111.4	170.2	15.7	0.240
		8.64	7.35	15.99	ONE	5.814	52.6	2.4	64.3										
46170.0	46920.0	0.311	297.1	-42.7	-5.01	1.292	88.6	0.675	3.082	3.5	168.4	1.002D	5.161A	4.86	0.282	111.8	171.0	6.1	0.227
		6.61	7.23	13.84	ONE	5.814	52.6	2.4	62.1										
46180.0	46920.0	0.314	286.8	-35.4	-3.10	1.290	84.7	0.677	3.080	13.3	168.4	0.995D	5.164A	2.84	0.281	112.0	171.1	3.7	0.227
		6.67	7.22	13.90	ONE	5.814	52.6	2.4	61.8										
46190.0	46920.0	0.343	279.9	-31.7	-2.30	1.287	80.6	0.682	3.068	23.2	168.6	0.975D	5.160A	1.92	0.279	112.1	170.7	2.7	0.228
		7.24	7.24	14.48	ONE	5.814	52.6	2.4	62.1										
46200.0	46920.0	0.390	276.0	-29.3	-1.87	1.285	76.5	0.691	3.047	33.3	169.1	0.943D	5.151A	1.36	0.275	112.1	169.9	2.0	0.231
		8.21	7.26	15.47	ONE	5.814	52.6	2.4	62.9										
46210.0	46920.0	0.448	274.8	-27.8	-1.62	1.282	72.2	0.703	3.017	43.6	169.8	0.897D	5.137A	0.98	0.269	112.0	168.7	1.6	0.234
		9.52	7.29	16.81	ONE	5.814	52.6	2.4	64.1										
46220.0	46920.0	0.517	275.6	-26.7	-1.46	1.279	67.7	0.718	2.979	54.1	170.7	0.839D	5.119A	0.67	0.261	111.8	167.1	1.4	0.239
		11.13	7.34	18.47	ONE	5.814	52.6	2.4	65.6										
46230.0	46920.0	0.592	277.9	-25.9	-1.36	1.276	63.1	0.738	2.934	64.6	171.6	0.769D	5.100A	0.[illegible]	0.251	111.7	165.4	1.2	0.246
		13.00	7.40	20.40	ONE	5.814	52.6	2.4	67.4										

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI L / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
ARRIVAL DATE = 2446940.0																			
46100.0	46940.0	0.584	300.0	-17.4	1.56	1.297	115.2	0.732	2.879	299.2	535.8	0.772	4.987A	-0.88	0.238	101.1	156.2	0.4	0.232
		12.80	7.27	20.06	TWO	5.637	54.5	2.5	78.3										
46110.0	46940.0	0.523	303.8	-15.6	1.80	1.297	111.4	0.716	2.918	308.1	534.6	0.829	5.007A	-1.26	0.248	103.2	159.2	-0.2	0.227
		11.28	7.22	18.51	TWO	5.637	54.5	2.5	75.3										
46120.0	46940.0	0.466	306.3	-13.3	2.20	1.297	107.6	0.702	2.954	316.9	533.4	0.880	5.029A	-1.79	0.256	105.0	161.9	-1.0	0.224
		9.93	7.19	17.12	TWO	5.637	54.5	2.5	72.5										
46130.0	46940.0	0.415	307.2	-9.9	2.94	1.297	103.8	0.691	2.987	325.9	532.3	0.922	5.051A	-2.65	0.263	106.4	164.2	-2.2	0.222
		8.76	7.18	15.94	TWO	5.637	54.5	2.5	70.2										
46140.0	46940.0	0.375	305.4	-3.1	4.67	1.296	100.1	0.683	3.014	334.9	531.4	0.957	5.071A	-4.45	0.269	107.5	166.0	-4.4	0.221
		7.90	7.17	15.08	TWO	5.637	54.5	2.5	68.4										
46150.0	46940.0	0.397	299.0	20.1	11.45	1.294	96.4	0.676	3.035	344.1	530.6	0.982	5.089A	-11.39	0.273	108.3	166.7	-12.2	0.230
		8.38	7.25	15.63	TWO	5.637	54.5	2.5	67.8										
46160.0	46940.0	0.511	7.5	-76.1	-20.92	1.293	92.5	0.673	3.050	353.8	530.1	0.998	5.101A	20.86	0.276	108.9	168.3	22.3	0.252
		10.99	7.47	18.46	ONE	5.637	54.5	2.5	69.1										
46170.0	46940.0	0.315	298.7	-45.2	-5.68	1.291	88.7	0.672	3.056	3.2	169.9	1.0030	5.110A	5.51	0.277	109.3	169.7	7.1	0.222
		6.68	7.18	13.86	ONE	5.637	54.5	2.5	69.4										
46180.0	46940.0	0.313	287.7	-36.3	-3.34	1.289	84.8	0.674	3.054	12.9	169.8	0.9960	5.112A	3.05	0.277	109.5	169.7	4.2	0.221
		6.65	7.17	13.82	ONE	5.637	54.5	2.5	69.1										
46190.0	46940.0	0.341	280.6	-32.1	-2.41	1.286	80.8	0.679	3.043	22.8	170.0	0.9770	5.109A	2.01	0.274	109.5	169.3	2.9	0.222
		7.19	7.18	14.37	ONE	5.637	54.5	2.5	69.3										
46200.0	46940.0	0.386	276.6	-29.6	-1.94	1.284	76.7	0.687	3.023	32.9	170.5	0.9450	5.101A	1.41	0.270	109.5	168.5	2.2	0.225
		8.13	7.20	15.34	ONE	5.637	54.5	2.5	68.1										
46210.0	46940.0	0.444	275.4	-27.9	-1.66	1.281	72.4	0.699	2.995	43.1	171.1	0.9000	5.089A	1.00	0.265	109.3	167.4	1.8	0.228
		9.42	7.24	16.66	ONE	5.637	54.5	2.5	67.2										
46220.0	46940.0	0.511	276.2	-26.8	-1.48	1.278	68.0	0.715	2.959	53.5	171.9	0.8430	5.075A	0.69	0.257	109.0	165.9	1.5	0.233
		11.00	7.28	18.29	ONE	5.637	54.5	2.5	68.7										
46230.0	46940.0	0.586	278.4	-25.9	-1.38	1.275	63.5	0.735	2.917	64.0	172.8	0.7740	5.059A	0.43	0.247	108.7	164.1	1.3	0.240
		12.84	7.35	20.19	ONE	5.637	54.5	2.5	70.4										
ARRIVAL DATE = 2446960.0																			
46100.0	46960.0	0.589	300.4	-17.4	1.53	1.296	115.5	0.732	2.869	298.5	537.0	0.768	4.970A	-0.86	0.235	98.2	154.8	0.4	0.230
		12.91	7.25	20.16	TWO	5.401	56.3	2.6	81.6										
46110.0	46960.0	0.526	304.3	-15.6	1.75	1.297	111.6	0.716	2.905	307.4	535.8	0.826	4.985A	-1.22	0.244	100.4	157.8	-0.1	0.225
		11.37	7.20	18.57	TWO	5.401	56.3	2.6	78.5										
46120.0	46960.0	0.469	306.9	-13.4	2.11	1.296	107.8	0.702	2.939	316.4	534.6	0.877	5.002A	-1.71	0.252	102.3	160.5	-0.9	0.221
		9.99	7.17	17.16	TWO	5.401	56.3	2.6	75.8										
46130.0	46960.0	0.417	307.8	-10.3	2.76	1.296	104.0	0.690	2.970	325.4	533.6	0.920	5.019A	-2.49	0.259	103.7	162.8	-2.0	0.218
		8.80	7.14	15.94	TWO	5.401	56.3	2.6	73.5										
46140.0	46960.0	0.375	306.3	-4.6	4.16	1.295	100.3	0.681	2.996	334.5	532.7	0.955	5.036A	-4.01	0.265	104.9	164.6	-3.9	0.217
		7.89	7.13	15.03	TWO	5.401	56.3	2.6	71.6										
46150.0	46960.0	0.372	300.7	12.9	8.97	1.294	96.6	0.675	3.016	343.6	532.0	0.981	5.050A	-8.93	0.269	105.8	165.6	-9.7	0.221
		7.84	7.17	15.01	TWO	5.401	56.3	2.6	70.6										
46170.0	46960.0	0.321	300.8	-48.5	-6.57	1.290	88.9	0.670	3.035	2.7	171.2	1.0030	5.068A	6.38	0.273	106.8	168.3	8.3	0.218
		6.79	7.14	13.93	ONE	5.401	56.3	2.6	68.7										
46180.0	46960.0	0.313	288.8	-37.4	-3.61	1.288	85.0	0.671	3.033	12.4	171.2	0.9960	5.070A	3.30	0.273	107.0	168.4	4.6	0.216
		6.64	7.13	13.76	ONE	5.401	56.3	2.6	68.3										
46190.0	46960.0	0.338	281.4	-32.6	-2.54	1.285	81.0	0.676	3.023	22.3	171.4	0.9780	5.068A	2.12	0.270	107.0	168.0	3.2	0.217
		7.14	7.14	14.28	ONE	5.401	56.3	2.6	68.5										
46200.0	46960.0	0.383	277.3	-29.9	-2.01	1.283	76.9	0.685	3.004	32.4	171.8	0.9470	5.061A	1.46	0.267	106.9	167.2	2.4	0.220
		8.06	7.16	15.22	ONE	5.401	56.3	2.6	69.3										
46210.0	46960.0	0.440	276.0	-28.1	-1.70	1.280	72.7	0.697	2.977	42.6	172.4	0.9030	5.052A	1.03	0.261	106.6	166.1	1.9	0.223
		9.32	7.19	16.51	ONE	5.401	56.3	2.6	70.4										
46220.0	46960.0	0.506	276.7	-26.9	-1.51	1.277	68.3	0.712	2.943	52.9	173.1	0.8470	5.040A	0.70	0.253	106.3	164.6	1.6	0.229
		10.88	7.24	18.11	ONE	5.401	56.3	2.6	71.8										
46230.0	46960.0	0.579	279.0	-26.0	-1.39	1.275	63.8	0.731	2.903	63.2	173.9	0.7800	5.027A	0.43	0.244	105.9	163.0	1.3	0.235
		12.68	7.30	19.98	ONE	5.401	56.3	2.6	73.4										
ARRIVAL DATE = 2446980.0																			
46100.0	46980.0	0.594	301.0	-17.4	1.50	1.296	115.8	0.733	2.861	297.8	538.1	0.763	4.959A	-0.84	0.233	95.3	153.5	0.5	0.229
		13.04	7.24	20.29	TWO	5.122	58.2	2.6	84.7										
46110.0	46980.0	0.531	304.8	-15.7	1.69	1.296	111.9	0.716	2.895	306.7	536.9	0.822	4.969A	-1.19	0.242	97.7	156.4	-0.1	0.223
		11.48	7.19	18.66	TWO	5.122	58.2	2.6	81.7										
46120.0	46980.0	0.472	307.5	-13.6	2.02	1.296	108.0	0.702	2.928	315.7	535.8	0.874	4.981A	-1.65	0.250	99.6	159.0	-0.8	0.218
		10.07	7.15	17.22	TWO	5.122	58.2	2.6	79.1										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46130.0	46980.0	0.419	308.5	-10.7	2.60	1.295	104.3	0.690	2.956	324.8	534.9	0.918	4.995A	-2.35	0.256	101.2	161.3	-1.8	0.215
		8.85	7.12	15.97	TWO	5.122	58.2	2.6	76.8										
46140.0	46980.0	0.375	307.2	-5.7	3.79	1.294	100.5	0.680	2.981	333.9	534.0	0.954	5.008A	-3.66	0.262	102.4	163.2	-3.5	0.213
		7.90	7.10	15.00	TWO	5.122	58.2	2.6	74.9										
46150.0	46980.0	0.359	302.2	7.8	7.36	1.293	96.8	0.673	3.000	343.1	533.3	0.980	5.020A	-7.35	0.266	103.3	164.3	-8.0	0.215
		7.57	7.12	14.69	TWO	5.122	58.2	2.6	73.6										
46170.0	46980.0	0.330	303.7	-52.6	-7.78	1.289	89.1	0.668	3.019	2.2	172.6	1.0030	5.034A	7.57	0.270	104.3	166.9	9.9	0.215
		6.98	7.12	14.10	ONE	5.122	58.2	2.6	72.0										
46180.0	46980.0	0.313	290.0	-38.6	-3.92	1.287	85.2	0.669	3.017	11.9	172.5	0.9970	5.036A	3.60	0.269	104.5	167.0	5.1	0.212
		6.63	7.09	13.72	ONE	5.122	58.2	2.6	71.5										
46190.0	46980.0	0.336	282.4	-33.2	-2.68	1.285	81.3	0.674	3.007	21.8	172.7	0.9800	5.034A	2.24	0.267	104.5	166.6	3.4	0.213
		7.10	7.10	14.20	ONE	5.122	58.2	2.6	71.7										
46200.0	46980.0	0.379	278.1	-30.1	-2.08	1.282	77.2	0.682	2.989	31.8	173.0	0.9490	5.029A	1.52	0.264	104.4	165.9	2.6	0.215
		7.98	7.12	15.10	ONE	5.122	58.2	2.6	72.4										
46210.0	46980.0	0.435	276.7	-28.2	-1.74	1.280	73.0	0.694	2.964	41.9	173.6	0.9070	5.022A	1.05	0.258	104.1	164.8	2.0	0.219
		9.22	7.15	16.37	ONE	5.122	58.2	2.6	73.5										
46220.0	46980.0	0.500	277.3	-26.9	-1.54	1.277	68.7	0.710	2.932	52.2	174.2	0.8520	5.012A	0.71	0.251	103.6	163.4	1.6	0.225
		10.74	7.20	17.95	ONE	5.122	58.2	2.6	74.8										
46230.0	46980.0	0.573	279.5	-26.0	-1.41	1.274	64.2	0.729	2.894	62.5	175.0	0.7850	5.002A	0.44	0.242	103.1	161.8	1.4	0.232
		12.52	7.27	19.79	ONE	5.122	58.2	2.6	76.4										

ARRIVAL DATE = 2447000.0

46100.0	47000.0	0.600	301.5	-17.4	1.47	1.296	116.2	0.735	2.855	297.0	539.1	0.758	4.953A	-0.83	0.232	92.5	152.3	0.6	0.229
		13.19	7.24	20.43	TWO	4.819	60.0	2.7	87.7										
46110.0	47000.0	0.536	305.4	-15.7	1.65	1.296	112.2	0.717	2.888	306.0	538.0	0.818	4.959A	-1.16	0.240	95.0	155.1	0.0	0.222
		11.59	7.18	18.77	TWO	4.819	60.0	2.7	84.9										
46120.0	47000.0	0.476	308.1	-13.7	1.94	1.296	108.3	0.702	2.919	315.1	537.0	0.870	4.967A	-1.59	0.248	97.0	157.7	-0.6	0.217
		10.16	7.13	17.29	TWO	4.819	60.0	2.7	82.3										
46130.0	47000.0	0.422	309.3	-11.0	2.46	1.295	104.5	0.689	2.946	324.2	536.1	0.915	4.977A	-2.23	0.254	98.6	160.0	-1.6	0.213
		8.92	7.10	16.02	TWO	4.819	60.0	2.7	80.0										
46140.0	47000.0	0.376	308.2	-6.6	3.48	1.294	100.8	0.679	2.970	333.3	535.2	0.952	4.987A	-3.37	0.259	99.9	161.8	-3.1	0.211
		7.93	7.08	15.00	TWO	4.819	60.0	2.7	78.1										
46150.0	47000.0	0.352	303.7	4.1	6.24	1.292	97.0	0.672	2.988	342.6	534.6	0.979	4.996A	-6.25	0.263	100.9	163.1	-6.8	0.211
		7.43	7.08	14.51	TWO	4.819	60.0	2.7	76.7										
46170.0	47000.0	0.348	308.2	-58.2	-9.55	1.289	89.3	0.666	3.006	1.7	173.8	1.0030	5.008A	9.32	0.267	102.0	165.6	12.2	0.214
		7.33	7.11	14.44	ONE	4.819	60.0	2.7	75.3										
46180.0	47000.0	0.313	291.5	-40.1	-4.31	1.287	85.5	0.668	3.004	11.3	173.8	0.9980	5.010A	3.96	0.267	102.2	165.7	5.7	0.209
		6.64	7.06	13.70	ONE	4.819	60.0	2.7	74.7										
46190.0	47000.0	0.334	283.4	-33.8	-2.83	1.284	81.5	0.672	2.995	21.2	173.9	0.9810	5.008A	2.38	0.265	102.1	165.3	3.7	0.209
		7.05	7.07	14.12	ONE	4.819	60.0	2.7	74.9										
46200.0	47000.0	0.375	279.0	-30.4	-2.16	1.282	77.5	0.680	2.978	31.1	174.2	0.9520	5.004A	1.58	0.261	101.9	164.6	2.7	0.212
		7.91	7.09	15.00	ONE	4.819	60.0	2.7	75.5										
46210.0	47000.0	0.430	277.4	-28.4	-1.79	1.279	73.3	0.692	2.954	41.2	174.7	0.9100	4.998A	1.09	0.256	101.6	163.6	2.1	0.216
		9.11	7.12	16.24	ONE	4.819	60.0	2.7	76.5										
46220.0	47000.0	0.495	278.0	-27.0	-1.56	1.277	69.0	0.707	2.924	51.4	175.3	0.8560	4.991A	0.73	0.249	101.1	162.3	1.7	0.221
		10.61	7.17	17.78	ONE	4.819	60.0	2.7	77.8										
46230.0	47000.0	0.567	280.1	-26.0	-1.42	1.274	64.6	0.726	2.887	61.7	176.0	0.7910	4.983A	0.44	0.240	100.4	160.8	1.5	0.228
		12.36	7.24	19.60	ONE	4.819	60.0	2.7	79.3										
46240.0	47000.0	0.644	283.4	-25.2	-1.34	1.271	60.0	0.748	2.846	71.9	176.7	0.7160	4.975A	0.20	0.229	99.7	159.1	1.3	0.237
		14.32	7.32	21.64	ONE	4.819	60.0	2.7	80.9										

ARRIVAL DATE = 2447020.0

46100.0	47020.0	0.606	302.1	-17.4	1.44	1.295	116.5	0.736	2.852	296.1	540.1	0.752	4.952	-0.82	0.231	89.8	151.2	0.7	0.230
		13.35	7.25	20.60	TWO	4.520	61.8	2.7	90.6										
46110.0	47020.0	0.541	306.0	-15.7	1.60	1.296	112.5	0.718	2.883	305.2	539.1	0.813	4.953A	-1.13	0.239	92.4	153.9	0.1	0.222
		11.73	7.18	18.90	TWO	4.520	61.8	2.7	87.9										
46120.0	47020.0	0.480	308.8	-13.7	1.87	1.295	108.6	0.702	2.912	314.3	538.1	0.867	4.958A	-1.53	0.246	94.5	156.5	-0.5	0.216
		10.26	7.13	17.39	TWO	4.520	61.8	2.7	85.3										
46130.0	47020.0	0.425	310.0	-11.3	2.33	1.295	104.8	0.689	2.939	323.5	537.2	0.912	4.965A	-2.12	0.252	96.2	158.7	-1.4	0.211
		8.99	7.09	16.08	TWO	4.520	61.8	2.7	83.1										
46140.0	47020.0	0.378	309.1	-7.4	3.21	1.293	101.0	0.679	2.961	332.7	536.4	0.950	4.972A	-3.12	0.257	97.5	160.5	-2.8	0.209
		7.97	7.06	15.03	TWO	4.520	61.8	2.7	81.2										
46150.0	47020.0	0.349	305.0	1.3	5.40	1.292	97.2	0.672	2.978	341.9	535.8	0.978	4.979A	-5.43	0.261	98.5	161.8	-5.8	0.208
		7.35	7.06	14.41	TWO	4.520	61.8	2.7	79.8										
46160.0	47020.0	0.471	293.7	38.6	18.27	1.290	93.5	0.667	2.990	351.2	535.3	0.996	4.985A	-18.41	0.264	99.2	161.5	-19.8	0.232
		10.06	7.27	17.33	TWO	4.520	61.8	2.7	79.9										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46170.0	47020.0	0.380	316.6	-65.9	-12.37	1.288	89.6	0.665	2.996	1.1	175.1	1.003D	4.988A	12.12	0.265	99.6	164.4	15.5	0.217
		8.01	7.13	15.14	ONE	4.520	61.8	2.7	78.7										
46180.0	47020.0	0.314	293.1	-41.9	-4.77	1.286	85.7	0.666	2.994	10.7	175.0	0.999D	4.989A	4.41	0.264	99.8	164.4	6.4	0.206
		6.66	7.04	13.70	ONE	4.520	61.8	2.7	77.8										
46190.0	47020.0	0.332	284.6	-34.4	-3.01	1.284	81.8	0.671	2.986	20.5	175.1	0.983D	4.989A	2.53	0.263	99.8	164.1	4.0	0.207
		7.01	7.05	14.05	ONE	4.520	61.8	2.7	78.0										
46200.0	47020.0	0.372	280.0	-30.7	-2.25	1.281	77.8	0.679	2.970	30.4	175.4	0.954D	4.986A	1.66	0.259	99.6	163.4	2.9	0.209
		7.83	7.07	14.90	ONE	4.520	61.8	2.7	78.6										
46210.0	47020.0	0.426	278.2	-28.5	-1.84	1.279	73.6	0.690	2.947	40.5	175.8	0.914D	4.981A	1.12	0.254	99.2	162.5	2.2	0.213
		9.01	7.10	16.11	ONE	4.520	61.8	2.7	79.5										
46220.0	47020.0	0.489	278.7	-27.1	-1.59	1.276	69.4	0.705	2.918	50.6	176.4	0.861D	4.975A	0.74	0.247	98.6	161.2	1.8	0.219
		10.48	7.15	17.63	ONE	4.520	61.8	2.7	80.7										
46230.0	47020.0	0.560	280.8	-26.1	-1.44	1.274	65.0	0.724	2.883	60.8	177.0	0.797D	4.970A	0.45	0.239	97.8	159.8	1.5	0.226
		12.20	7.21	19.41	ONE	4.520	61.8	2.7	82.1										
46240.0	47020.0	0.636	284.0	-25.2	-1.35	1.271	60.4	0.746	2.844	71.0	177.6	0.724D	4.964A	0.20	0.229	96.9	158.2	1.3	0.235
		14.13	7.30	21.43	ONE	4.520	61.8	2.7	83.7										

ARRIVAL DATE = 2447040.0

46100.0	47040.0	0.613	302.7	-17.3	1.41	1.295	116.9	0.738	2.850	295.2	541.0	0.745	4.954	-0.80	0.230	87.1	150.2	0.7	0.231
		13.52	7.26	20.78	TWO	4.255	63.7	2.7	93.4										
46110.0	47040.0	0.547	306.6	-15.7	1.56	1.295	112.9	0.720	2.880	304.4	540.1	0.808	4.952	-1.10	0.238	89.8	152.9	0.2	0.222
		11.87	7.18	19.05	TWO	4.255	63.7	2.7	90.8										
46120.0	47040.0	0.485	309.5	-13.8	1.80	1.295	109.0	0.763	2.908	313.5	539.2	0.862	4.954A	-1.49	0.245	92.0	155.3	-0.4	0.216
		10.38	7.12	17.51	TWO	4.255	63.7	2.7	88.3										
46130.0	47040.0	0.429	310.8	-11.5	2.21	1.294	105.1	0.690	2.933	322.7	538.3	0.909	4.957A	-2.03	0.251	93.8	157.5	-1.2	0.211
		9.08	7.08	16.16	TWO	4.255	63.7	2.7	86.1										
46140.0	47040.0	0.381	310.1	-8.0	2.98	1.293	101.3	0.679	2.955	332.0	537.6	0.947	4.962A	-2.91	0.256	95.2	159.3	-2.5	0.207
		8.02	7.05	15.07	TWO	4.255	63.7	2.7	84.3										
46150.0	47040.0	0.347	306.4	-0.9	4.76	1.292	97.5	0.671	2.971	341.3	536.9	0.976	4.967A	-4.81	0.259	96.2	160.6	-5.0	0.206
		7.32	7.04	14.36	TWO	4.255	63.7	2.7	82.8										
46160.0	47040.0	0.394	297.0	25.4	12.63	1.290	93.8	0.666	2.983	350.6	536.5	0.995	4.971A	-12.79	0.262	97.0	161.0	-14.4	0.217
		8.31	7.13	15.44	TWO	4.255	63.7	2.7	82.2										
46170.0	47040.0	0.452	341.8	-75.8	-17.54	1.288	89.8	0.664	2.988	0.5	176.2	1.003D	4.973A	17.27	0.263	97.4	163.2	20.9	0.227
		9.61	7.22	16.83	ONE	4.255	63.7	2.7	82.0										
46180.0	47040.0	0.316	295.1	-44.1	-5.36	1.286	86.0	0.665	2.987	10.0	176.1	1.000D	4.975A	4.98	0.263	97.6	163.2	7.2	0.205
		6.71	7.03	13.73	ONE	4.255	63.7	2.7	80.9										
46190.0	47040.0	0.330	285.9	-35.2	-3.21	1.284	82.1	0.670	2.979	19.8	176.2	0.985D	4.974A	2.72	0.261	97.6	162.9	4.3	0.205
		6.97	7.03	14.00	ONE	4.255	63.7	2.7	81.0										
46200.0	47040.0	0.368	281.0	-31.1	-2.35	1.281	78.1	0.677	2.964	29.7	176.5	0.957D	4.972A	1.73	0.258	97.3	162.3	3.1	0.207
		7.75	7.05	14.80	ONE	4.255	63.7	2.7	81.5										
46210.0	47040.0	0.421	279.1	-28.7	-1.89	1.279	74.0	0.688	2.943	39.7	176.9	0.917D	4.969A	1.16	0.253	96.9	161.4	2.4	0.211
		8.90	7.08	15.98	ONE	4.255	63.7	2.7	82.4										
46220.0	47040.0	0.484	279.5	-27.2	-1.62	1.276	69.7	0.703	2.915	49.8	177.4	0.866D	4.965A	0.76	0.247	96.2	160.2	1.9	0.216
		10.34	7.13	17.47	ONE	4.255	63.7	2.7	83.6										
46230.0	47040.0	0.554	281.5	-26.1	-1.46	1.274	65.4	0.721	2.882	59.9	177.9	0.803D	4.961A	0.46	0.239	95.4	158.9	1.6	0.224
		12.04	7.19	19.23	ONE	4.255	63.7	2.7	84.9										
46240.0	47040.0	0.629	284.7	-25.2	-1.36	1.271	60.9	0.743	2.844	70.0	178.5	0.731D	4.957A	0.20	0.229	94.4	157.4	1.4	0.233
		13.94	7.28	21.22	ONE	4.255	63.7	2.7	86.3										

ARRIVAL DATE = 2447060.0

46100.0	47060.0	0.620	303.3	-17.3	1.38	1.295	117.4	0.741	2.850	294.3	541.9	0.739	4.961	-0.79	0.230	84.6	149.4	0.8	0.233
		13.71	7.28	20.99	TWO	4.060	65.5	2.8	96.1										
46110.0	47060.0	0.553	307.3	-15.7	1.51	1.295	113.3	0.721	2.879	303.5	541.0	0.802	4.955	-1.08	0.237	87.3	151.9	0.3	0.223
		12.03	7.19	19.22	TWO	4.060	65.5	2.8	93.6										
46120.0	47060.0	0.491	310.2	-13.9	1.73	1.295	109.3	0.705	2.906	312.7	540.2	0.858	4.953	-1.44	0.244	89.6	154.2	-0.3	0.216
		10.51	7.13	17.64	TWO	4.060	65.5	2.8	91.2										
46130.0	47060.0	0.433	311.7	-11.7	2.10	1.294	105.4	0.691	2.930	321.9	539.3	0.906	4.954A	-1.94	0.250	91.5	156.3	-1.1	0.211
		9.18	7.08	16.26	TWO	4.060	65.5	2.8	89.1										
46140.0	47060.0	0.384	311.1	-8.6	2.78	1.293	101.6	0.680	2.951	331.2	538.6	0.945	4.956A	-2.73	0.255	92.9	158.1	-2.2	0.207
		8.09	7.05	15.13	TWO	4.060	65.5	2.8	87.3										
46150.0	47060.0	0.347	307.8	-2.6	4.25	1.292	97.8	0.672	2.967	340.5	538.0	0.975	4.959A	-4.32	0.258	94.0	159.5	-4.4	0.205
		7.32	7.03	14.35	TWO	4.060	65.5	2.8	85.8										
46160.0	47060.0	0.360	299.6	16.7	9.59	1.290	94.0	0.666	2.978	349.9	537.6	0.994	4.962A	-9.78	0.261	94.8	160.1	-11.1	0.210
		7.59	7.07	14.66	TWO	4.060	65.5	2.8	84.9										
46180.0	47060.0	0.320	297.4	-46.8	-6.12	1.286	86.3	0.665	2.983	9.3	177.2	1.001D	4.965A	5.72	0.262	95.4	162.1	8.3	0.204
		6.79	7.02	13.81	ONE	4.060	65.5	2.8	83.9										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46190.0	47060.0	0.328	287.4	-36.1	-3.45	1.283	82.4	0.668	2.975	19.1	177.3	0.9860	4.964A	2.94	0.260	95.4	161.8	4.7	0.203
		6.94	7.02	13.95	ONE	4.060	65.5	2.8	83.9										
46200.0	47060.0	0.365	282.2	-31.5	-2.45	1.281	78.4	0.676	2.961	28.9	177.5	0.9600	4.963A	1.82	0.257	95.1	161.2	3.3	0.205
		7.68	7.04	14.72	ONE	4.060	65.5	2.8	84.4										
46210.0	47060.0	0.416	280.1	-28.9	-1.95	1.279	74.3	0.687	2.941	38.9	177.9	0.9210	4.961A	1.20	0.253	94.6	160.4	2.5	0.209
		8.79	7.07	15.86	ONE	4.060	65.5	2.8	85.2										
46220.0	47060.0	0.478	280.3	-27.3	-1.65	1.276	70.1	0.701	2.915	48.9	178.3	0.8710	4.958A	0.78	0.246	93.9	159.3	2.0	0.215
		10.21	7.12	17.32	ONE	4.060	65.5	2.8	86.3										
46230.0	47060.0	0.547	282.2	-26.1	-1.47	1.274	65.8	0.719	2.883	59.0	178.8	0.8100	4.956A	0.46	0.239	93.0	158.0	1.6	0.222
		11.87	7.18	19.05	ONE	4.060	65.5	2.8	87.6										
46240.0	47060.0	0.621	285.3	-25.2	-1.36	1.271	61.3	0.741	2.846	69.0	179.3	0.7390	4.954A	0.20	0.229	91.9	156.7	1.4	0.231
		13.75	7.26	21.01	ONE	4.060	65.5	2.8	88.9										
ARRIVAL DATE = 2447080.0																			
46100.0	47080.0	0.628	303.9	-17.3	1.35	1.295	117.8	0.743	2.851	293.3	542.8	0.732	4.971	-0.78	0.230	82.1	148.7	0.8	0.235
		13.91	7.30	21.21	TWO	3.964	67.3	2.8	98.7										
46110.0	47080.0	0.560	307.9	-15.7	1.47	1.295	113.7	0.723	2.879	302.6	541.9	0.796	4.962	-1.06	0.237	85.0	151.1	0.4	0.225
		12.20	7.21	19.40	TWO	3.964	67.3	2.8	96.3										
46120.0	47080.0	0.496	310.9	-13.9	1.67	1.295	109.7	0.706	2.905	311.9	541.1	0.853	4.957	-1.40	0.244	87.3	153.3	-0.2	0.217
		10.65	7.14	17.79	TWO	3.964	67.3	2.8	94.0										
46130.0	47080.0	0.438	312.5	-11.8	2.01	1.294	105.8	0.692	2.928	321.1	540.4	0.902	4.955	-1.86	0.249	89.2	155.3	-0.9	0.211
		9.29	7.08	16.38	TWO	3.964	67.3	2.8	91.9										
46140.0	47080.0	0.387	312.2	-9.0	2.60	1.293	101.9	0.680	2.948	330.4	539.7	0.942	4.954A	-2.57	0.254	90.7	157.1	-2.0	0.207
		8.16	7.05	15.21	TWO	3.964	67.3	2.8	90.2										
46150.0	47080.0	0.348	309.1	-3.9	3.83	1.291	98.1	0.672	2.964	339.8	539.1	0.973	4.956A	-3.93	0.258	91.8	158.4	-3.8	0.204
		7.35	7.02	14.37	TWO	3.964	67.3	2.8	88.7										
46160.0	47080.0	0.344	301.9	10.6	7.71	1.290	94.3	0.666	2.975	349.2	538.7	0.993	4.957A	-7.91	0.260	92.6	159.2	-8.9	0.206
		7.25	7.04	14.30	TWO	3.964	67.3	2.8	87.7										
46180.0	47080.0	0.327	300.3	-50.4	-7.15	1.286	86.6	0.664	2.980	8.6	178.3	1.0010	4.959A	6.72	0.261	93.3	161.1	9.6	0.204
		6.92	7.02	13.95	ONE	3.964	67.3	2.8	86.8										
46190.0	47080.0	0.327	289.0	-37.1	-3.72	1.283	82.7	0.668	2.973	18.3	178.4	0.9880	4.958A	3.19	0.260	93.3	160.8	5.1	0.202
		6.91	7.01	13.92	ONE	3.964	67.3	2.8	86.8										
46200.0	47080.0	0.361	283.4	-31.9	-2.57	1.281	78.7	0.675	2.960	28.1	178.5	0.9630	4.958A	1.93	0.257	93.0	160.3	3.5	0.204
		7.61	7.03	14.63	ONE	3.964	67.3	2.8	87.2										
46210.0	47080.0	0.411	281.1	-29.1	-2.01	1.279	74.7	0.685	2.941	38.0	178.9	0.9250	4.956A	1.25	0.252	92.5	159.5	2.6	0.208
		8.69	7.06	15.75	ONE	3.964	67.3	2.8	88.0										
46220.0	47080.0	0.472	281.2	-27.4	-1.69	1.276	70.5	0.700	2.916	48.0	179.2	0.8760	4.955A	0.80	0.246	91.7	158.4	2.1	0.214
		10.07	7.11	17.18	ONE	3.964	67.3	2.8	89.0										
46230.0	47080.0	0.540	283.0	-26.1	-1.49	1.274	66.2	0.717	2.885	58.0	179.7	0.8160	4.954A	0.47	0.239	90.8	157.3	1.7	0.221
		11.71	7.17	18.88	ONE	3.964	67.3	2.8	90.1										
46240.0	47080.0	0.614	286.0	-25.1	-1.37	1.272	61.8	0.738	2.850	68.0	180.1	0.7460	4.954	0.21	0.230	89.6	156.0	1.5	0.230
		13.56	7.25	20.81	ONE	3.964	67.3	2.8	91.3										
ARRIVAL DATE = 2447100.0																			
46100.0	47100.0	0.636	304.6	-17.2	1.33	1.296	118.3	0.746	2.854	292.3	543.6	0.724	4.984	-0.77	0.231	79.7	148.1	0.9	0.238
		14.13	7.32	21.45	TWO	3.988	69.2	2.9	101.1										
46110.0	47100.0	0.567	308.6	-15.6	1.44	1.295	114.1	0.726	2.881	301.6	542.8	0.790	4.971	-1.04	0.238	82.6	150.4	0.4	0.227
		12.38	7.22	19.60	TWO	3.988	69.2	2.9	98.8										
46120.0	47100.0	0.503	311.7	-13.9	1.62	1.295	110.1	0.708	2.906	310.9	542.0	0.848	4.963	-1.36	0.244	85.1	152.5	-0.1	0.219
		10.80	7.15	17.95	TWO	3.988	69.2	2.9	96.6										
46130.0	47100.0	0.444	313.4	-11.9	1.92	1.294	106.1	0.693	2.928	320.3	541.3	0.898	4.959	-1.79	0.249	87.0	154.4	-0.8	0.212
		9.41	7.09	16.50	TWO	3.988	69.2	2.9	94.7										
46140.0	47100.0	0.392	313.2	-9.3	2.44	1.293	102.3	0.681	2.948	329.6	540.7	0.939	4.956	-2.44	0.254	88.6	156.1	-1.7	0.207
		8.25	7.05	15.30	TWO	3.988	69.2	2.9	93.0										
46150.0	47100.0	0.350	310.5	-5.0	3.49	1.291	98.4	0.672	2.963	339.0	540.1	0.971	4.956	-3.60	0.257	89.8	157.4	-3.4	0.204
		7.39	7.02	14.41	TWO	3.988	69.2	2.9	91.5										
46160.0	47100.0	0.335	303.9	6.3	6.42	1.290	94.6	0.666	2.974	348.4	539.7	0.992	4.956A	-6.65	0.259	90.6	158.3	-7.3	0.204
		7.08	7.03	14.11	TWO	3.988	69.2	2.9	90.5										
46180.0	47100.0	0.340	304.1	-55.2	-8.61	1.286	86.9	0.664	2.979	7.8	179.3	1.0020	4.956A	8.16	0.261	91.3	160.2	11.4	0.205
		7.17	7.04	14.21	ONE	3.988	69.2	2.9	89.5										
46190.0	47100.0	0.326	290.7	-38.3	-4.05	1.283	83.0	0.667	2.973	17.5	179.4	0.9900	4.956A	3.50	0.259	91.3	159.9	5.6	0.202
		6.89	7.01	13.89	ONE	3.988	69.2	2.9	89.6										
46200.0	47100.0	0.358	284.7	-32.4	-2.70	1.281	79.1	0.674	2.961	27.3	179.5	0.9660	4.956A	2.04	0.257	91.0	159.4	3.7	0.204
		7.53	7.02	14.56	ONE	3.988	69.2	2.9	90.0										
46210.0	47100.0	0.407	282.1	-29.3	-2.07	1.279	75.0	0.684	2.943	37.2	179.8	0.9290	4.956A	1.30	0.252	90.5	158.6	2.7	0.208
		8.58	7.05	15.64	ONE	3.988	69.2	2.9	90.6										

1985
EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46220.0	47100.0	0.466	282.1	-27.5	-1.72	1.276	70.9	0.698	2.919	47.1	180.1	0.881D	4.956	0.83	0.247	89.7	157.7	2.1	0.213
		9.94	7.10	17.04	ONE	3.988	69.2	2.9	91.6										
46230.0	47100.0	0.533	283.8	-26.2	-1.51	1.274	66.6	0.715	2.889	57.0	180.5	0.822D	4.956	0.48	0.240	88.7	156.6	1.7	0.221
		11.54	7.17	18.71	ONE	3.988	69.2	2.9	92.6										
46240.0	47100.0	0.606	286.7	-25.1	-1.38	1.272	62.3	0.736	2.856	67.0	180.9	0.754D	4.958	0.21	0.231	87.4	155.5	1.5	0.230
		13.37	7.25	20.61	ONE	3.988	69.2	2.9	93.7										
ARRIVAL DATE = 2447120.0																			
46100.0	47120.0	0.645	305.2	-17.2	1.30	1.296	118.8	0.749	2.858	291.2	544.3	0.716	5.000	-0.77	0.231	77.4	147.7	0.9	0.241
		14.35	7.35	21.71	TWO	4.130	71.0	2.9	103.3										
46110.0	47120.0	0.575	309.6	-15.6	1.40	1.296	114.6	0.728	2.884	300.6	543.6	0.783	4.984	-1.02	0.238	80.4	149.8	0.5	0.230
		12.57	7.25	19.82	TWO	4.130	71.0	2.9	101.2										
46120.0	47120.0	0.509	312.5	-13.9	1.56	1.295	110.5	0.710	2.908	310.0	542.9	0.843	4.973	-1.33	0.244	82.9	151.8	-0.0	0.221
		10.96	7.17	18.13	TWO	4.130	71.0	2.9	99.2										
46130.0	47120.0	0.449	314.3	-12.0	1.83	1.294	106.5	0.695	2.930	319.3	542.2	0.894	4.966	-1.73	0.249	84.9	153.7	-0.7	0.213
		9.54	7.10	16.65	TWO	4.130	71.0	2.9	97.3										
46140.0	47120.0	0.396	314.3	-9.6	2.29	1.293	102.6	0.683	2.949	328.7	541.6	0.936	4.962	-2.32	0.254	86.5	155.3	-1.5	0.208
		8.35	7.06	15.41	TWO	4.130	71.0	2.9	95.6										
46150.0	47120.0	0.353	311.8	-5.9	3.19	1.291	98.8	0.673	2.964	338.1	541.1	0.969	4.959	-3.33	0.257	87.7	156.6	-3.0	0.205
		7.44	7.03	14.47	TWO	4.130	71.0	2.9	94.2										
46160.0	47120.0	0.331	305.8	3.1	5.49	1.290	95.0	0.667	2.974	347.6	540.7	0.991	4.958	-5.74	0.259	88.6	157.5	-6.1	0.204
		7.00	7.02	14.02	TWO	4.130	71.0	2.9	93.2										
46170.0	47120.0	0.506	290.1	44.6	20.97	1.288	91.2	0.664	2.980	356.9	540.4	1.003	4.958	-21.33	0.261	89.2	157.5	-22.4	0.237
		10.89	7.32	18.20	TWO	4.130	71.0	2.9	92.1										
46180.0	47120.0	0.363	310.2	-61.9	-10.86	1.286	87.2	0.663	2.980	6.9	180.3	1.0030	4.957	10.40	0.261	89.4	159.5	14.1	0.209
		7.65	7.07	14.72	ONE	4.130	71.0	2.9	92.1										
46190.0	47120.0	0.325	292.6	-39.8	-4.45	1.283	83.4	0.667	2.975	16.6	180.3	0.992D	4.957	3.88	0.259	89.4	159.0	6.1	0.202
		6.88	7.01	13.89	ONE	4.130	71.0	2.9	92.2										
46200.0	47120.0	0.354	286.1	-32.9	-2.85	1.281	79.4	0.673	2.963	26.4	180.4	0.969D	4.958	2.18	0.257	89.1	158.6	3.9	0.204
		7.46	7.02	14.49	ONE	4.130	71.0	2.9	92.6										
46210.0	47120.0	0.402	283.3	-29.5	-2.14	1.279	75.4	0.683	2.946	36.2	180.7	0.933D	4.958	1.36	0.253	88.5	157.9	2.8	0.207
		8.47	7.05	15.53	ONE	4.130	71.0	2.9	93.2										
46220.0	47120.0	0.460	283.0	-27.6	-1.76	1.276	71.3	0.697	2.923	46.1	181.0	0.887D	4.959	0.85	0.248	87.7	157.1	2.2	0.213
		9.80	7.10	16.90	ONE	4.130	71.0	2.9	94.0										
46230.0	47120.0	0.527	284.6	-26.2	-1.53	1.274	67.1	0.714	2.895	56.0	181.3	0.829D	4.961	0.49	0.241	86.6	156.1	1.8	0.220
		11.38	7.16	18.54	ONE	4.130	71.0	2.9	95.0										
46240.0	47120.0	0.599	287.5	-25.1	-1.38	1.272	62.7	0.734	2.863	65.9	181.7	0.762D	4.963	0.21	0.233	85.3	155.0	1.5	0.229
		13.17	7.24	20.42	ONE	4.130	71.0	2.9	96.0										
ARRIVAL DATE = 2447140.0																			
46110.0	47140.0	0.583	310.0	-15.5	1.36	1.296	115.0	0.731	2.888	299.6	544.4	0.776	4.999	-1.01	0.239	78.3	149.3	0.6	0.232
		12.78	7.27	20.05	TWO	4.366	72.8	2.9	103.5										
46120.0	47140.0	0.517	313.2	-13.9	1.51	1.295	110.9	0.712	2.911	309.0	543.8	0.837	4.986	-1.30	0.245	80.8	151.2	0.1	0.223
		11.13	7.19	18.32	TWO	4.366	72.8	2.9	101.6										
46130.0	47140.0	0.455	315.2	-12.0	1.75	1.294	106.9	0.697	2.933	318.4	543.1	0.889	4.976	-1.67	0.250	82.9	153.0	-0.5	0.215
		9.68	7.12	16.80	TWO	4.366	72.8	2.9	99.8										
46140.0	47140.0	0.401	315.4	-9.8	2.16	1.293	103.0	0.684	2.951	327.8	542.5	0.933	4.970	-2.21	0.254	84.6	154.6	-1.3	0.209
		8.46	7.07	15.53	TWO	4.366	72.8	2.9	98.2										
46150.0	47140.0	0.356	313.2	-6.6	2.94	1.291	99.1	0.674	2.966	337.2	542.0	0.966	4.966	-3.10	0.257	85.8	155.8	-2.6	0.205
		7.51	7.04	14.54	TWO	4.366	72.8	2.9	96.8										
46160.0	47140.0	0.329	307.7	0.6	4.78	1.290	95.3	0.668	2.976	346.7	541.6	0.990	4.963	-5.05	0.259	86.7	156.7	-5.2	0.204
		6.96	7.02	13.99	TWO	4.366	72.8	2.9	95.8										
46170.0	47140.0	0.400	295.6	29.2	13.66	1.288	91.5	0.664	2.982	356.1	541.4	1.002	4.962	-14.03	0.261	87.3	157.0	-15.7	0.217
		8.43	7.14	15.56	TWO	4.366	72.8	2.9	94.7										
46180.0	47140.0	0.413	323.5	-71.3	-14.76	1.286	87.6	0.663	2.983	6.1	181.2	1.0040	4.961	14.28	0.261	87.5	159.1	18.3	0.218
		8.71	7.14	15.85	ONE	4.366	72.8	2.9	94.5										
46190.0	47140.0	0.326	294.7	-41.5	-4.95	1.283	83.7	0.666	2.977	15.7	181.2	0.993D	4.961	4.36	0.260	87.5	158.3	6.7	0.203
		6.89	7.01	13.90	ONE	4.366	72.8	2.9	94.8										
46200.0	47140.0	0.351	287.6	-33.5	-3.02	1.281	79.8	0.673	2.967	25.4	181.3	0.971D	4.962	2.33	0.257	87.2	157.9	4.1	0.204
		7.40	7.02	14.42	ONE	4.366	72.8	2.9	95.1										
46210.0	47140.0	0.397	284.5	-29.8	-2.22	1.279	75.8	0.682	2.950	35.3	181.6	0.937D	4.963	1.42	0.254	86.7	157.3	2.9	0.208
		8.37	7.05	15.42	ONE	4.366	72.8	2.9	95.6										
46220.0	47140.0	0.454	284.0	-27.6	-1.80	1.277	71.7	0.695	2.928	45.1	181.8	0.892D	4.965	0.88	0.249	85.8	156.5	2.2	0.213
		9.66	7.10	16.76	ONE	4.366	72.8	2.9	96.4										
46230.0	47140.0	0.520	285.5	-26.2	-1.55	1.275	67.5	0.712	2.902	55.0	182.1	0.836D	4.968	0.51	0.242	84.7	155.6	1.8	0.220
		11.21	7.16	18.38	ONE	4.366	72.8	2.9	97.3										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46240.0	47140.0	0.591	288.3	-25.1	-1.39	1.273	63.2	0.732	2.870	64.8	182.4	0.770D	4.971	0.22	0.234	83.4	154.7	1.5	0.229
		12.98	7.24	20.22	ONE	4.366	72.8	2.9	98.2										
ARRIVAL DATE = 2447160.0																			
46110.0	47160.0	0.592	310.8	-15.5	1.33	1.296	115.5	0.734	2.893	298.5	545.2	0.769	5.017	-0.99	0.240	76.2	149.0	0.6	0.235
		12.99	7.30	20.29	TWO	4.663	74.6	3.0	105.7										
46120.0	47160.0	0.524	314.0	-13.8	1.46	1.295	111.4	0.715	2.916	308.0	544.6	0.831	5.001	-1.27	0.245	78.8	150.8	0.1	0.225
		11.32	7.21	18.53	TWO	4.663	74.6	3.0	103.8										
46130.0	47160.0	0.462	316.1	-12.0	1.68	1.294	107.3	0.699	2.937	317.4	544.0	0.884	4.989	-1.62	0.250	81.0	152.5	-0.4	0.217
		9.84	7.14	16.97	TWO	4.663	74.6	3.0	102.1										
46140.0	47160.0	0.406	316.5	-10.0	2.05	1.293	103.4	0.686	2.955	326.8	543.4	0.929	4.980	-2.11	0.254	82.7	154.0	-1.2	0.211
		8.58	7.08	15.66	TWO	4.663	74.6	3.0	100.6										
46150.0	47160.0	0.360	314.6	-7.1	2.72	1.292	99.5	0.675	2.969	336.3	542.9	0.964	4.975	-2.90	0.258	84.0	155.2	-2.3	0.207
		7.58	7.05	14.63	TWO	4.663	74.6	3.0	99.3										
46160.0	47160.0	0.329	309.5	-1.2	4.23	1.290	95.7	0.668	2.980	345.8	542.5	0.988	4.971	-4.52	0.260	84.9	156.1	-4.5	0.205
		6.96	7.03	13.99	TWO	4.663	74.6	3.0	98.3										
46170.0	47160.0	0.356	299.2	19.1	10.03	1.288	91.9	0.664	2.985	355.3	542.3	1.002	4.969	-10.43	0.261	85.5	156.5	-11.7	0.211
		7.51	7.08	14.59	TWO	4.663	74.6	3.0	97.3										
46180.0	47160.0	0.539	27.8	-80.5	-23.11	1.286	87.9	0.664	2.986	5.3	182.2	1.004D	4.968	22.61	0.261	85.8	159.3	25.6	0.242
		11.68	7.37	19.05	ONE	4.663	74.6	3.0	96.1										
46190.0	47160.0	0.328	297.1	-43.8	-5.58	1.284	84.1	0.666	2.982	14.8	182.1	0.995D	4.968	4.98	0.260	85.8	157.8	7.5	0.204
		6.93	7.02	13.95	ONE	4.663	74.6	3.0	97.2										
46200.0	47160.0	0.348	289.2	-34.1	-3.22	1.281	80.2	0.672	2.972	24.5	182.2	0.974D	4.969	2.51	0.258	85.5	157.3	4.3	0.204
		7.33	7.03	14.36	ONE	4.663	74.6	3.0	97.5										
46210.0	47160.0	0.392	285.8	-30.0	-2.31	1.279	76.2	0.681	2.956	34.3	182.4	0.942D	4.970	1.49	0.255	84.9	156.8	3.0	0.208
		8.27	7.06	15.32	ONE	4.663	74.6	3.0	98.0										
46220.0	47160.0	0.449	285.1	-27.7	-1.84	1.277	72.1	0.694	2.935	44.1	182.6	0.897D	4.973	0.91	0.250	84.1	156.1	2.3	0.213
		9.52	7.10	16.63	ONE	4.663	74.6	3.0	98.7										
46230.0	47160.0	0.513	286.4	-26.2	-1.57	1.275	68.0	0.711	2.909	53.9	182.9	0.842D	4.977	0.52	0.244	83.0	155.3	1.9	0.221
		11.05	7.17	18.21	ONE	4.663	74.6	3.0	99.5										
46240.0	47160.0	0.584	289.1	-25.1	-1.40	1.273	63.7	0.730	2.879	63.7	183.2	0.777D	4.982	0.22	0.236	81.6	154.4	1.6	0.229
		12.79	7.25	20.03	ONE	4.663	74.6	3.0	100.3										
ARRIVAL DATE = 2447180.0																			
46110.0	47180.0	0.601	311.5	-15.4	1.29	1.296	116.1	0.737	2.899	297.4	545.9	0.761	5.037	-0.98	0.241	74.2	148.8	0.6	0.239
		13.22	7.33	20.55	TWO	4.982	76.5	3.0	107.7										
46120.0	47180.0	0.532	314.9	-13.8	1.41	1.296	111.8	0.718	2.921	306.9	545.3	0.824	5.018	-1.25	0.246	76.9	150.5	0.2	0.228
		11.51	7.24	18.75	TWO	4.982	76.5	3.0	106.0										
46130.0	47180.0	0.469	317.0	-12.0	1.61	1.295	107.8	0.701	2.941	316.4	544.8	0.879	5.004	-1.58	0.251	79.1	152.1	-0.3	0.220
		10.00	7.16	17.16	TWO	4.982	76.5	3.0	104.4										
46140.0	47180.0	0.412	317.6	-10.1	1.94	1.293	103.8	0.687	2.959	325.9	544.2	0.925	4.993	-2.03	0.255	80.8	153.5	-1.0	0.213
		8.70	7.10	15.80	TWO	4.982	76.5	3.0	102.9										
46150.0	47180.0	0.364	315.9	-7.5	2.53	1.292	99.9	0.677	2.973	335.3	543.8	0.961	4.986	-2.73	0.258	82.2	154.7	-2.0	0.208
		7.67	7.06	14.73	TWO	4.982	76.5	3.0	101.7										
46160.0	47180.0	0.331	311.3	-2.7	3.78	1.290	96.1	0.669	2.984	344.8	543.4	0.986	4.981	-4.09	0.260	83.1	155.6	-3.9	0.206
		6.99	7.04	14.02	TWO	4.982	76.5	3.0	100.7										
46170.0	47180.0	0.336	302.2	12.3	7.88	1.288	92.3	0.665	2.990	354.3	543.2	1.001	4.979	-8.29	0.262	83.8	156.1	-9.1	0.208
		7.10	7.06	14.16	TWO	4.982	76.5	3.0	99.8										
46190.0	47180.0	0.332	299.9	-46.7	-6.43	1.284	84.5	0.666	2.987	13.8	183.0	0.997D	4.977	5.81	0.261	84.1	157.3	8.5	0.205
		7.00	7.04	14.04	ONE	4.982	76.5	3.0	99.5										
46200.0	47180.0	0.345	290.9	-34.9	-3.45	1.282	80.6	0.672	2.978	23.5	183.1	0.977D	4.978	2.72	0.259	83.8	156.9	4.6	0.205
		7.28	7.04	14.31	ONE	4.982	76.5	3.0	99.8										
46210.0	47180.0	0.387	287.1	-30.3	2.40	1.280	76.6	0.681	2.963	33.3	183.2	0.946D	4.980	1.57	0.256	83.2	156.4	3.1	0.209
		8.16	7.06	15.23	ONE	4.982	76.5	3.0	100.2										
46220.0	47180.0	0.443	286.2	-27.8	-1.89	1.277	72.6	0.693	2.943	43.0	183.4	0.903D	4.983	0.95	0.251	82.4	155.7	2.4	0.214
		9.39	7.11	16.50	ONE	4.982	76.5	3.0	100.8										
46230.0	47180.0	0.506	287.3	-26.2	-1.59	1.275	68.4	0.709	2.918	52.8	183.6	0.849D	4.988	0.53	0.246	81.3	155.0	1.9	0.221
		10.88	7.17	18.05	ONE	4.982	76.5	3.0	101.6										
46240.0	47180.0	0.576	289.9	-25.0	-1.41	1.273	64.2	0.728	2.889	62.6	183.9	0.785D	4.994	0.22	0.238	79.9	154.2	1.6	0.230
		12.59	7.25	19.84	ONE	4.982	76.5	3.0	102.3										
ARRIVAL DATE = 2447200.0																			
46110.0	47200.0	0.610	312.3	-15.3	1.26	1.297	116.6	0.741	2.906	296.2	546.5	0.753	5.059	-0.97	0.242	72.3	148.7	0.7	0.243
		13.46	7.37	20.83	TWO	5.290	78.3	3.0	109.6										
46120.0	47200.0	0.540	315.7	-13.7	1.37	1.296	112.3	0.721	2.927	305.8	546.0	0.818	5.037	-1.22	0.247	75.0	150.3	0.3	0.232
		11.71	7.27	18.98	TWO	5.290	78.3	3.0	108.0										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46130.0	47200.0	0.476 10.17	318.0 7.18	-12.0 17.35	1.54 TWO	1.295 5.290	108.2 78.3	0.704 3.0	2.947 106.5	315.3	545.5	0.874	5.021	-1.53	0.252	77.3	151.8	-0.2	0.223
46140.0	47200.0	0.418 8.84	318.7 7.12	-10.2 15.96	1.84 TWO	1.294 5.290	104.2 78.3	0.689 3.0	2.965 105.1	324.8	545.0	0.921	5.009	-1.95	0.256	79.1	153.1	-0.9	0.216
46150.0	47200.0	0.369 7.77	317.3 7.08	-7.9 14.85	2.35 TWO	1.292 5.290	100.3 78.3	0.679 3.0	2.979 103.9	334.3	544.6	0.958	5.000	-2.58	0.259	80.4	154.3	-1.8	0.210
46160.0	47200.0	0.333 7.03	313.0 7.05	-3.8 14.08	3.40 TWO	1.290 5.290	96.5 78.3	0.671 3.0	2.989 102.9	343.8	544.3	0.984	4.994	-3.74	0.261	81.5	155.1	-3.4	0.207
46170.0	47200.0	0.326 6.89	304.8 7.06	7.5 13.95	6.45 TWO	1.288 5.290	92.6 78.3	0.666 3.0	2.995 102.1	353.4	544.0	1.000	4.990	-6.88	0.262	82.1	155.7	-7.4	0.208
46190.0	47200.0	0.339 7.16	303.3 7.06	-50.7 14.22	-7.60 ONE	1.284 5.290	84.9 78.3	0.666 3.0	2.993 101.6	12.8	183.8	0.9980	4.988	6.97	0.262	82.5	157.0	9.9	0.208
46200.0	47200.0	0.343 7.23	292.8 7.05	-35.8 14.27	-3.72 ONE	1.282 5.290	81.0 78.3	0.672 3.0	2.984 102.0	22.5	183.9	0.9800	4.989	2.98	0.260	82.2	156.5	4.9	0.207
46210.0	47200.0	0.383 8.06	288.5 7.07	-30.6 15.13	-2.51 ONE	1.280 5.290	77.0 78.3	0.680 3.0	2.971 102.4	32.2	184.0	0.9500	4.992	1.67	0.257	81.6	156.0	3.3	0.210
46220.0	47200.0	0.437 9.25	287.4 7.12	-28.0 16.37	-1.94 ONE	1.278 5.290	73.0 78.3	0.692 3.0	2.952 102.9	42.0	184.1	0.9080	4.995	0.98	0.253	80.8	155.5	2.4	0.215
46230.0	47200.0	0.499 10.72	288.3 7.18	-26.3 17.89	-1.61 ONE	1.276 5.290	68.9 78.3	0.708 3.0	2.928 103.6	51.7	184.3	0.8550	5.001	0.55	0.247	79.7	154.8	1.9	0.222
46240.0	47200.0	0.568 12.40	290.8 7.26	-25.0 19.66	-1.42 ONE	1.274 5.290	64.7 78.3	0.727 3.0	2.900 104.2	61.5	184.5	0.7930	5.007	0.23	0.241	78.2	154.1	1.6	0.230
46250.0	47200.0	0.642 14.27	294.2 7.35	-23.8 21.63	-1.29 ONE	1.272 5.290	60.3 78.3	0.748 3.0	2.869 104.9	71.1	184.7	0.7220	5.015	-0.02	0.233	76.5	153.4	1.3	0.241
ARRIVAL DATE = 2447220.0																			
46110.0	47220.0	0.620 13.71	313.0 7.41	-15.2 21.11	1.23 TWO	1.297 5.560	117.1 80.1	0.744 3.0	2.913 111.4	295.1	547.2	0.745	5.082	-0.96	0.243	70.4	148.7	0.7	0.246
46120.0	47220.0	0.549 11.93	316.5 7.30	-13.6 19.23	1.32 TWO	1.296 5.560	112.9 80.1	0.724 3.0	2.935 109.9	304.7	546.7	0.811	5.059	-1.20	0.248	73.2	150.2	0.3	0.235
46130.0	47220.0	0.484 10.35	318.9 7.21	-12.0 17.56	1.48 TWO	1.295 5.560	108.7 80.1	0.706 3.0	2.954 108.5	314.3	546.3	0.868	5.040	-1.49	0.253	75.5	151.6	-0.2	0.226
46140.0	47220.0	0.425 8.98	319.8 7.15	-10.2 16.13	1.75 TWO	1.294 5.560	104.7 80.1	0.692 3.0	2.971 107.2	323.8	545.8	0.916	5.026	-1.88	0.257	77.4	152.9	-0.8	0.218
46150.0	47220.0	0.374 7.87	318.6 7.10	-8.1 14.97	2.20 TWO	1.292 5.560	100.8 80.1	0.680 3.0	2.985 106.0	333.3	545.4	0.954	5.016	-2.45	0.260	78.8	154.0	-1.6	0.213
46160.0	47220.0	0.335 7.08	314.8 7.07	-4.7 14.15	3.09 TWO	1.291 5.560	96.9 80.1	0.672 3.0	2.995 105.1	342.8	545.1	0.982	5.008	-3.44	0.262	79.8	156.8	-2.9	0.209
46170.0	47220.0	0.321 6.79	307.3 7.06	4.0 13.86	5.44 TWO	1.289 5.560	93.0 80.1	0.667 3.0	3.002 104.3	352.4	544.8	1.000	5.004	-5.89	0.263	80.5	155.4	-6.1	0.209
46180.0	47220.0	0.356 12.09	286.1 7.47	49.5 19.56	24.12 TWO	1.287 5.560	89.3 80.1	0.665 3.0	3.003 101.4	1.8	184.6	1.0060	5.001	-24.67	0.264	80.9	156.1	-24.3	0.252
46190.0	47220.0	0.354 7.47	308.0 7.09	-56.2 14.55	-9.37 ONE	1.284 5.560	85.3 80.1	0.667 3.0	3.000 103.6	11.8	184.6	1.0000	5.001	8.71	0.263	80.9	156.9	11.9	0.212
46200.0	47220.0	0.341 7.19	294.8 7.06	-36.9 14.24	-4.04 ONE	1.282 5.560	81.4 80.1	0.672 3.0	2.992 104.1	21.4	184.6	0.9830	5.002	3.29	0.261	80.7	156.2	5.3	0.208
46210.0	47220.0	0.378 7.96	290.0 7.08	-31.0 15.05	-2.63 ONE	1.280 5.560	77.5 80.1	0.680 3.0	2.979 104.4	31.1	184.7	0.9540	5.005	1.77	0.259	80.1	155.8	3.4	0.211
46220.0	47220.0	0.431 9.12	288.6 7.13	-28.1 16.24	-1.99 ONE	1.278 5.560	73.4 80.1	0.692 3.0	2.961 104.9	40.9	184.9	0.9130	5.009	1.03	0.255	79.3	155.3	2.5	0.216
46230.0	47220.0	0.492 10.55	289.3 7.19	-26.3 17.74	-1.64 ONE	1.276 5.560	69.3 80.1	0.707 3.0	2.939 105.5	50.6	185.0	0.8620	5.015	0.56	0.249	78.2	154.7	1.9	0.223
46240.0	47220.0	0.560 12.21	291.6 7.26	-24.9 19.47	-1.42 ONE	1.274 5.560	65.1 80.1	0.725 3.0	2.912 106.1	60.3	185.2	0.8010	5.022	0.23	0.243	76.7	154.1	1.6	0.231
46250.0	47220.0	0.633 14.06	295.0 7.36	-23.8 21.41	-1.29 ONE	1.273 5.560	60.8 80.1	0.746 3.0	2.881 106.7	69.9	185.3	0.7310	5.031	-0.02	0.235	75.0	153.5	1.3	0.241
ARRIVAL DATE = 2447240.0																			
46110.0	47240.0	0.630 13.97	313.8 7.45	-15.1 21.41	1.20 TWO	1.297 5.774	117.7 81.9	0.748 3.0	2.922 113.1	293.8	547.8	0.736	5.108	-0.95	0.245	68.6	148.9	0.7	0.250
46120.0	47240.0	0.558 12.15	317.4 7.33	-13.5 19.48	1.28 TWO	1.297 5.774	113.4 81.9	0.727 3.0	2.942 111.7	303.5	547.4	0.803	5.082	-1.18	0.250	71.5	150.2	0.3	0.239
46130.0	47240.0	0.492 10.54	319.9 7.24	-11.9 17.78	1.42 TWO	1.296 5.774	109.2 81.9	0.709 3.0	2.961 110.4	313.1	547.0	0.862	5.061	-1.46	0.254	73.8	151.5	-0.1	0.229
46140.0	47240.0	0.431 9.14	320.9 7.17	-10.2 16.31	1.66 TWO	1.294 5.774	105.2 81.9	0.694 3.0	2.978 109.1	322.7	546.5	0.911	5.045	-1.82	0.258	75.7	152.7	-0.6	0.221

1985
EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46150.0	47240.0	0.379	320.0	-8.3	2.06	1.293	101.2	0.682	2.992	332.2	546.2	0.951	5.033	-2.33	0.261	77.2	153.8	-1.4	0.215
		7.99	7.12	15.11	TWO	5.774	81.9	3.0	108.1										
46160.0	47240.0	0.339	316.5	-5.4	2.82	1.291	97.3	0.674	3.002	341.8	545.8	0.980	5.025	-3.20	0.263	78.3	154.6	-2.6	0.211
		7.15	7.08	14.23	TWO	5.774	81.9	3.0	107.2										
46170.0	47240.0	0.319	309.6	1.4	4.68	1.289	93.5	0.668	3.009	351.3	545.6	0.999	5.019	-5.15	0.264	79.0	155.2	-5.1	0.210
		6.75	7.07	13.82	TWO	5.774	81.9	3.0	106.4										
46180.0	47240.0	0.410	294.9	31.7	14.56	1.287	89.7	0.666	3.011	0.9	185.4	1.0060	5.016	-15.14	0.265	79.4	155.6	-16.3	0.225
		8.65	7.21	15.86	TWO	5.774	81.9	3.0	104.8										
46190.0	47240.0	0.386	315.9	-64.3	-12.29	1.285	85.7	0.667	3.008	10.8	185.4	1.0010	5.016	11.62	0.264	79.5	157.0	15.1	0.218
		8.13	7.14	15.28	ONE	5.774	81.9	3.0	105.2										
46200.0	47240.0	0.339	296.9	-38.3	-4.45	1.283	81.8	0.672	3.001	20.4	185.4	0.9850	5.017	3.68	0.263	79.2	156.1	5.8	0.210
		7.16	7.07	14.23	ONE	5.774	81.9	3.0	106.0										
46210.0	47240.0	0.374	291.6	-31.4	-2.76	1.281	77.9	0.680	2.989	30.1	185.5	0.9580	5.020	1.89	0.260	78.7	155.7	3.5	0.212
		7.87	7.09	14.96	ONE	5.774	81.9	3.0	106.4										
46220.0	47240.0	0.425	289.8	-28.2	-2.05	1.279	73.9	0.691	2.971	39.8	185.6	0.9190	5.024	1.07	0.256	77.9	155.2	2.5	0.217
		8.99	7.14	16.12	ONE	5.774	81.9	3.0	106.8										
46230.0	47240.0	0.485	290.4	-26.3	-1.66	1.277	69.8	0.706	2.950	49.4	185.7	0.8690	5.031	0.58	0.252	76.8	154.7	1.9	0.224
		10.39	7.19	17.58	ONE	5.774	81.9	3.0	107.3										
46240.0	47240.0	0.553	292.5	-24.9	-1.43	1.275	65.6	0.723	2.924	59.1	185.8	0.8090	5.039	0.24	0.245	75.3	154.2	1.6	0.232
		12.02	7.27	19.29	ONE	5.774	81.9	3.0	107.8										
46250.0	47240.0	0.625	295.8	-23.7	-1.29	1.273	61.4	0.744	2.894	68.7	185.9	0.7400	5.048	-0.02	0.238	73.6	153.6	1.3	0.242
		13.84	7.37	21.20	ONE	5.774	81.9	3.0	108.3										

ARRIVAL DATE = 2447260.0

46110.0	47260.0	0.640	314.6	-15.0	1.17	1.298	118.3	0.752	2.931	292.6	548.4	0.726	5.135	-0.94	0.247	66.9	149.1	0.7	0.255
		14.24	7.49	21.73	TWO	5.917	83.8	3.0	114.7										
46120.0	47260.0	0.568	318.2	-13.4	1.24	1.297	113.9	0.730	2.951	302.3	548.0	0.795	5.106	-1.17	0.251	69.8	150.4	0.4	0.242
		12.39	7.37	19.75	TWO	5.917	83.8	3.0	113.4										
46130.0	47260.0	0.500	320.8	-11.8	1.37	1.296	109.7	0.712	2.970	312.0	547.6	0.855	5.084	-1.43	0.255	72.2	151.6	-0.0	0.232
		10.73	7.27	18.01	TWO	5.917	83.8	3.0	112.1										
46140.0	47260.0	0.439	322.0	-10.2	1.58	1.295	105.6	0.697	2.986	321.6	547.2	0.906	5.066	-1.76	0.259	74.2	152.7	-0.6	0.224
		9.30	7.20	16.50	TWO	5.917	83.8	3.0	111.0										
46150.0	47260.0	0.385	321.4	-8.4	1.93	1.293	101.7	0.684	3.000	331.2	546.9	0.947	5.052	-2.23	0.262	75.7	153.7	-1.2	0.218
		8.11	7.14	15.26	TWO	5.917	83.8	3.0	110.0										
46160.0	47260.0	0.343	318.2	-6.0	2.59	1.291	97.8	0.675	3.010	340.7	546.6	0.978	5.043	-2.99	0.264	76.8	154.5	-2.3	0.213
		7.23	7.10	14.33	TWO	5.917	83.8	3.0	109.1										
46170.0	47260.0	0.318	311.8	-0.5	4.09	1.289	93.9	0.669	3.017	350.3	546.3	0.997	5.036	-4.58	0.266	77.6	155.0	-4.3	0.212
		6.74	7.09	13.83	TWO	5.917	83.8	3.0	108.4										
46180.0	47260.0	0.357	299.8	20.4	10.27	1.287	90.1	0.667	3.019	359.8	546.2	1.006	5.033	-10.86	0.266	78.0	155.4	-11.7	0.218
		7.52	7.15	14.66	TWO	5.917	83.8	3.0	107.3										
46190.0	47260.0	0.464	339.3	-76.1	-18.06	1.285	86.1	0.668	3.017	9.8	186.1	1.0030	5.032	17.37	0.266	78.0	157.7	20.6	0.233
		9.88	7.28	17.16	ONE	5.917	83.8	3.0	106.1										
46200.0	47260.0	0.339	299.3	-40.0	-4.96	1.283	82.3	0.672	3.010	19.3	186.1	0.9880	5.033	4.17	0.264	77.8	156.1	6.3	0.212
		7.15	7.09	14.24	ONE	5.917	83.8	3.0	107.9										
46210.0	47260.0	0.369	293.2	-31.8	-2.92	1.281	78.3	0.679	2.999	28.9	186.2	0.9620	5.036	2.04	0.262	77.3	155.7	3.7	0.214
		7.78	7.11	14.88	ONE	5.917	83.8	3.0	108.2										
46220.0	47260.0	0.419	291.1	-28.3	-2.11	1.279	74.4	0.690	2.982	38.6	186.3	0.9240	5.041	1.13	0.258	76.5	155.3	2.6	0.219
		8.85	7.15	16.00	ONE	5.917	83.8	3.0	108.6										
46230.0	47260.0	0.479	29[illegible]5	-26.3	-1.69	1.277	70.3	0.704	2.962	48.3	186.4	0.8750	5.048	0.60	0.254	75.4	154.8	2.0	0.225
		10.22	7.21	17.43	ONE	5.917	83.8	3.0	109.0										
46240.0	47260.0	0.545	293.5	-24.8	-1.44	1.276	66.2	0.722	2.937	57.9	186.4	0.8170	5.057	0.24	0.248	74.0	154.3	1.6	0.233
		11.83	7.28	19.11	ONE	5.917	83.8	3.0	109.5										
46250.0	47260.0	0.616	296.7	-23.6	-1.29	1.274	61.9	0.742	2.908	67.5	186.5	0.7490	5.067	-0.02	0.241	72.3	153.9	1.3	0.243
		13.62	7.37	21.00	ONE	5.917	83.8	3.0	109.9										

ARRIVAL DATE = 2447280.0

46120.0	47280.0	0.577	319.0	-13.3	1.20	1.297	114.5	0.734	2.960	301.1	548.6	0.787	5.133	-1.15	0.253	68.2	150.6	0.4	0.246
		12.63	7.41	20.04	TWO	5.983	85.6	3.1	115.0										
46130.0	47280.0	0.509	321.8	-11.7	1.31	1.296	110.2	0.715	2.978	310.8	548.3	0.849	5.108	-1.40	0.257	70.6	151.7	0.0	0.236
		10.94	7.31	18.25	TWO	5.983	85.6	3.1	113.8										
46140.0	47280.0	0.446	323.1	-10.2	1.50	1.295	106.1	0.699	2.995	320.4	547.9	0.901	5.088	-1.71	0.260	72.6	152.8	-0.5	0.227
		9.47	7.23	16.70	TWO	5.983	85.6	3.1	112.7										
46150.0	47280.0	0.391	322.7	-8.5	1.82	1.293	102.1	0.686	3.008	330.0	547.6	0.943	5.073	-2.13	0.263	74.2	153.7	-1.1	0.221
		8.25	7.17	15.41	TWO	5.983	85.6	3.1	111.8										
46160.0	47280.0	0.347	319.9	-6.4	2.39	1.292	98.2	0.677	3.019	339.6	547.3	0.975	5.062	-2.80	0.265	75.4	154.5	-2.0	0.216
		7.32	7.13	14.44	TWO	5.983	85.6	3.1	110.9										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 COIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46170.0	47280.0	0.319 6.76	313.9 7.10	-2.0 13.86	3.61 TWO	1.290 5.983	94.3 85.6	0.671 3.1	3.026 110.3	349.2	547.1	0.996	5.055	-4.13	0.267	76.1	155.0	-3.7	0.214
46180.0	47280.0	0.333 7.03	303.5 7.13	12.9 14.17	7.85 TWO	1.288 5.983	90.5 85.6	0.668 3.1	3.028 109.4	358.8	546.9	1.006	5.051	-8.46	0.267	76.6	155.3	-8.9	0.216
46200.0	47280.0	0.340 7.17	301.9 7.11	-42.3 14.28	-5.63 ONE	1.284 5.983	82.7 85.6	0.672 3.1	3.020 109.7	18.2	186.8	0.9910	5.050	4.83	0.266	76.5	156.1	7.1	0.214
46210.0	47280.0	0.365 7.69	295.0 7.12	-32.3 14.81	-3.10 ONE	1.282 5.983	78.8 85.6	0.679 3.1	3.009 110.0	27.8	186.8	0.9650	5.053	2.20	0.264	76.0	155.7	3.9	0.216
46220.0	47280.0	0.413 8.72	292.5 7.16	-28.4 15.88	-2.18 ONE	1.280 5.983	74.8 85.6	0.690 3.1	2.994 110.3	37.5	186.9	0.9290	5.059	1.19	0.260	75.3	155.4	2.6	0.220
46230.0	47280.0	0.472 10.06	292.6 7.22	-26.3 17.28	-1.72 ONE	1.278 5.983	70.8 85.6	0.704 3.1	2.974 110.7	47.1	187.0	0.8820	5.066	0.63	0.256	74.2	155.0	2.0	0.226
46240.0	47280.0	0.537 11.64	294.4 7.29	-24.8 18.93	-1.45 ONE	1.276 5.983	66.7 85.6	0.721 3.1	2.950 111.1	56.7	187.1	0.8240	5.075	0.25	0.250	72.8	154.5	1.6	0.234
46250.0	47280.0	0.608 13.41	297.5 7.38	-23.5 20.79	-1.29 ONE	1.275 5.983	62.4 85.6	0.740 3.1	2.922 111.5	66.3	187.1	0.7580	5.086	-0.02	0.244	71.0	154.1	1.3	0.244

ARRIVAL DATE = 2447300.0

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 COIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46120.0	47300.0	0.587 12.88	319.9 7.45	-13.2 20.33	1.16 TWO	1.298 5.970	115.1 87.4	0.738 3.1	2.970 116.5	299.9	549.2	0.779	5.161	-1.13	0.254	66.6	150.9	0.4	0.250
46130.0	47300.0	0.518 11.16	322.7 7.34	-11.6 18.50	1.26 TWO	1.297 5.970	110.8 87.4	0.718 3.1	2.988 115.4	309.6	548.9	0.842	5.134	-1.37	0.258	69.1	152.0	0.1	0.239
46140.0	47300.0	0.454 9.65	324.2 7.26	-10.1 16.91	1.43 TWO	1.295 5.970	106.6 87.4	0.702 3.1	3.004 114.4	319.3	548.5	0.895	5.112	-1.66	0.262	71.2	152.9	-0.4	0.231
46150.0	47300.0	0.398 8.39	324.0 7.19	-8.5 15.58	1.71 TWO	1.294 5.970	102.6 87.4	0.689 3.1	3.017 113.5	328.9	548.2	0.939	5.096	-2.05	0.265	72.8	153.8	-1.0	0.224
46160.0	47300.0	0.352 7.41	321.5 7.15	-6.6 14.56	2.21 TWO	1.292 5.970	98.7 87.4	0.679 3.1	3.028 112.7	338.5	548.0	0.972	5.084	-2.65	0.267	74.0	154.5	-1.8	0.219
46170.0	47300.0	0.321 6.79	316.0 7.12	-3.1 13.92	3.23 TWO	1.290 5.970	94.8 87.4	0.672 3.1	3.035 112.0	348.1	547.8	0.994	5.075	-3.76	0.268	74.8	155.1	-3.2	0.216
46180.0	47300.0	0.321 6.80	306.7 7.13	7.8 13.93	6.31 TWO	1.288 5.970	90.9 87.4	0.669 3.1	3.038 111.4	357.7	547.6	1.006	5.070	-6.94	0.269	75.3	155.4	-7.1	0.217
46200.0	47300.0	0.343 7.24	305.0 7.13	-45.3 14.37	-6.55 ONE	1.284 5.970	83.2 87.4	0.672 3.1	3.031 111.3	17.1	187.5	0.9930	5.069	5.73	0.267	75.3	156.3	8.1	0.217
46210.0	47300.0	0.361 7.61	296.8 7.14	-33.0 14.75	-3.31 ONE	1.282 5.970	79.3 87.4	0.679 3.1	3.021 111.7	26.7	187.5	0.9690	5.072	2.40	0.265	74.8	155.9	4.1	0.217
46220.0	47300.0	0.407 8.60	293.9 7.17	-28.6 15.77	-2.26 ONE	1.280 5.970	75.3 87.4	0.689 3.1	3.006 111.9	36.3	187.6	0.9340	5.078	1.26	0.262	74.0	155.5	2.7	0.222
46230.0	47300.0	0.465 9.90	293.8 7.23	-26.3 17.13	-1.75 ONE	1.278 5.970	71.3 87.4	0.703 3.1	2.987 112.3	45.9	187.6	0.8880	5.085	0.65	0.258	73.0	155.2	2.0	0.228
46240.0	47300.0	0.530 11.45	295.4 7.30	-24.7 18.75	-1.46 ONE	1.277 5.970	67.2 87.4	0.719 3.1	2.964 112.6	55.5	187.6	0.8320	5.095	0.26	0.253	71.6	154.8	1.6	0.236
46250.0	47300.0	0.600 13.19	298.4 7.39	-23.4 20.59	-1.29 ONE	1.275 5.970	63.0 87.4	0.739 3.1	2.937 112.9	65.0	187.6	0.7670	5.106	-0.02	0.247	69.9	154.5	1.3	0.245

ARRIVAL DATE = 2447320.0

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 COIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46120.0	47320.0	0.598 13.15	320.7 7.49	-13.0 20.64	1.12 TWO	1.298 5.879	115.7 89.2	0.742 3.1	2.980 117.9	298.6	549.7	0.770	5.190	-1.12	0.256	65.1	151.3	0.4	0.255
46130.0	47320.0	0.527 11.39	323.7 7.38	-11.5 18.76	1.21 TWO	1.297 5.879	111.3 89.2	0.722 3.1	2.997 116.9	308.4	549.4	0.834	5.161	-1.35	0.260	67.7	152.3	0.1	0.243
46140.0	47320.0	0.462 9.84	325.3 7.29	-10.0 17.13	1.37 TWO	1.296 5.879	107.2 89.2	0.705 3.1	3.013 115.9	318.1	549.2	0.889	5.137	-1.62	0.263	69.8	153.2	-0.3	0.234
46150.0	47320.0	0.405 8.54	325.4 7.22	-8.5 15.76	1.61 TWO	1.294 5.879	103.1 89.2	0.691 3.1	3.027 115.1	327.7	548.9	0.934	5.119	-1.97	0.266	71.4	154.0	-0.9	0.227
46160.0	47320.0	0.357 7.52	323.1 7.17	-6.8 14.69	2.05 TWO	1.292 5.879	99.2 89.2	0.681 3.1	3.037 114.3	337.3	548.6	0.969	5.106	-2.51	0.268	72.6	154.7	-1.6	0.221
46170.0	47320.0	0.323 6.84	318.1 7.14	-4.0 13.99	2.90 TWO	1.290 5.879	95.3 89.2	0.674 3.1	3.045 113.7	346.9	548.4	0.993	5.097	-3.46	0.270	73.5	155.2	-2.8	0.218
46180.0	47320.0	0.315 6.69	309.5 7.14	4.1 13.83	5.23 TWO	1.288 5.879	91.4 89.2	0.670 3.1	3.048 113.1	356.5	548.3	1.005	5.091	-5.08	0.270	74.0	155.6	-5.8	0.218
46190.0	47320.0	0.627 13.90	280.7 7.71	54.2 21.61	28.35 TWO	1.286 5.879	87.6 89.2	0.670 3.1	3.047 107.9	5.9	188.2	1.0060	5.088	-29.09	0.270	74.2	157.6	-26.2	0.276
46200.0	47320.0	0.351 7.40	308.9 7.16	-49.6 14.56	-7.88 ONE	1.284 5.879	83.6 89.2	0.673 3.1	3.042 112.8	15.9	188.1	0.9950	5.089	7.05	0.269	74.1	156.6	9.5	0.220
46210.0	47320.0	0.358 7.53	298.8 7.15	-33.7 14.69	-3.56 ONE	1.283 5.879	79.7 89.2	0.679 3.1	3.032 113.2	25.5	188.1	0.9730	5.092	2.64	0.267	73.6	156.1	4.3	0.219

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46220.0	47320.0	0.402	295.4	-28.8	-2.35	1.281	75.8	0.689	3.018	35.1	188.2	0.939D	5.098	1.33	0.264	72.9	155.8	2.8	0.223
		8.47	7.19	15.66	ONE	5.879	89.2	3.1	113.5										
46230.0	47320.0	0.458	295.0	-26.3	-1.79	1.279	71.8	0.702	3.000	44.7	188.2	0.895D	5.106	0.68	0.260	71.8	155.5	2.0	0.229
		9.74	7.24	16.99	ONE	5.879	89.2	3.1	113.8										
46240.0	47320.0	0.522	296.4	-24.6	-1.48	1.277	67.7	0.718	2.978	54.2	188.2	0.840D	5.116	0.27	0.256	70.5	155.2	1.6	0.237
		11.26	7.32	18.58	ONE	5.879	89.2	3.1	114.1										
46250.0	47320.0	0.591	299.3	-23.3	-1.29	1.276	63.5	0.737	2.952	63.7	188.2	0.776D	5.128	-0.02	0.250	68.8	154.9	1.3	0.246
		12.98	7.41	20.38	ONE	5.879	89.2	3.1	114.4										
ARRIVAL DATE = 2447340.0																			
46120.0	47340.0	0.609	321.6	-12.9	1.09	1.299	116.3	0.746	2.990	297.3	550.2	0.761	5.220	-1.11	0.258	63.6	151.8	0.5	0.259
		13.42	7.53	20.95	TWO	5.717	91.0	3.1	119.2										
46130.0	47340.0	0.537	324.6	-11.3	1.17	1.298	111.9	0.725	3.008	307.1	550.0	0.827	5.189	-1.32	0.261	66.3	152.7	0.1	0.247
		11.62	7.41	19.04	TWO	5.717	91.0	3.1	118.3										
46140.0	47340.0	0.471	326.4	-9.9	1.30	1.296	107.7	0.708	3.023	316.8	549.7	0.883	5.164	-1.58	0.265	68.4	153.5	-0.3	0.238
		10.04	7.32	17.36	TWO	5.717	91.0	3.1	117.4										
46150.0	47340.0	0.412	326.7	-8.5	1.52	1.295	103.6	0.694	3.037	326.5	549.5	0.930	5.144	-1.91	0.268	70.1	154.3	-0.8	0.230
		8.70	7.25	15.95	TWO	5.717	91.0	3.1	116.6										
46160.0	47340.0	0.363	324.8	-7.0	1.90	1.293	99.6	0.683	3.048	336.2	549.3	0.966	5.130	-2.38	0.270	71.4	155.0	-1.4	0.224
		7.64	7.20	14.84	TWO	5.717	91.0	3.1	115.9										
46170.0	47340.0	0.326	320.1	-4.6	2.63	1.291	95.7	0.676	3.055	345.8	549.1	0.991	5.119	-3.21	0.271	72.3	155.5	-2.5	0.221
		6.90	7.17	14.07	TWO	5.717	91.0	3.1	115.3										
46180.0	47340.0	0.312	312.2	1.5	4.44	1.289	91.9	0.672	3.059	355.4	548.9	1.005	5.113	-5.11	0.272	72.8	155.8	-4.8	0.220
		6.63	7.16	13.79	TWO	5.717	91.0	3.1	114.8										
46190.0	47340.0	0.423	295.1	33.4	15.38	1.287	88.0	0.671	3.058	4.9	188.8	1.007D	5.110	-16.14	0.272	73.1	156.4	-16.5	0.237
		8.95	7.32	16.27	TWO	5.717	91.0	3.1	112.5										
46200.0	47340.0	0.369	314.3	-56.0	-10.01	1.285	84.1	0.673	3.054	14.8	188.8	0.997D	5.110	9.16	0.271	72.9	157.2	11.8	0.225
		7.78	7.20	14.98	ONE	5.717	91.0	3.1	114.0										
46210.0	47340.0	0.355	300.9	-34.7	-3.87	1.283	80.2	0.679	3.045	24.3	188.8	0.976D	5.113	2.94	0.269	72.5	156.4	4.6	0.221
		7.47	7.17	14.64	ONE	5.717	91.0	3.1	114.7										
46220.0	47340.0	0.396	297.0	-29.0	-2.44	1.281	76.3	0.689	3.031	33.9	188.8	0.944D	5.119	1.42	0.266	71.8	156.1	2.8	0.225
		8.35	7.21	15.56	ONE	5.717	91.0	3.1	115.0										
46230.0	47340.0	0.451	296.2	-26.3	-1.82	1.280	72.3	0.701	3.014	43.5	188.8	0.901D	5.127	0.71	0.263	70.8	155.9	2.0	0.231
		9.58	7.26	16.84	ONE	5.717	91.0	3.1	115.2										
46240.0	47340.0	0.514	297.5	-24.5	-1.49	1.278	68.2	0.717	2.992	53.0	188.8	0.847D	5.137	0.27	0.258	69.4	155.6	1.5	0.238
		11.07	7.33	18.40	ONE	5.717	91.0	3.1	115.5										
46250.0	47340.0	0.583	300.2	-23.1	-1.29	1.277	64.0	0.735	2.967	62.5	188.7	0.785D	5.150	-0.02	0.253	67.8	155.3	1.3	0.247
		12.76	7.42	20.18	ONE	5.717	91.0	3.1	115.7										
ARRIVAL DATE = 2447360.0																			
46120.0	47360.0	0.620	322.4	-12.7	1.05	1.299	116.9	0.750	3.001	295.9	550.7	0.751	5.252	-1.10	0.259	62.2	152.4	0.5	0.263
		13.70	7.58	21.28	TWO	5.493	92.8	3.1	120.4										
46130.0	47360.0	0.547	325.5	-11.2	1.12	1.298	112.5	0.729	3.019	305.8	550.5	0.819	5.218	-1.30	0.263	64.9	153.2	0.1	0.251
		11.87	7.45	19.32	TWO	5.493	92.8	3.1	119.6										
46140.0	47360.0	0.479	327.5	-9.7	1.24	1.297	108.3	0.711	3.034	315.6	550.3	0.877	5.192	-1.54	0.266	67.1	154.0	-0.2	0.241
		10.25	7.36	17.60	TWO	5.493	92.8	3.1	118.8										
46150.0	47360.0	0.419	328.0	-8.4	1.44	1.295	104.1	0.697	3.048	325.3	550.1	0.925	5.170	-1.84	0.269	68.8	154.7	-0.7	0.233
		8.87	7.28	16.15	TWO	5.493	92.8	3.1	118.0										
46160.0	47360.0	0.368	326.3	-7.0	1.77	1.293	100.1	0.685	3.058	335.0	549.9	0.962	5.154	-2.28	0.271	70.1	155.3	-1.3	0.227
		7.76	7.23	14.99	TWO	5.493	92.8	3.1	117.4										
46170.0	47360.0	0.330	322.1	-5.1	2.39	1.291	96.2	0.678	3.066	344.6	549.7	0.989	5.143	-2.99	0.273	71.1	155.8	-2.2	0.223
		6.98	7.19	14.17	TWO	5.493	92.8	3.1	116.8										
46180.0	47360.0	0.311	314.7	-0.4	3.83	1.289	92.3	0.673	3.070	354.2	549.5	1.004	5.136	-4.92	0.273	71.7	156.1	-4.1	0.222
		6.61	7.18	13.79	TWO	5.493	92.8	3.1	116.3										
46190.0	47360.0	0.359	301.5	20.7	10.30	1.287	88.5	0.672	3.070	3.8	189.4	1.008D	5.132	-11.08	0.273	71.9	156.4	-11.4	0.229
		7.56	7.24	14.81	TWO	5.493	92.8	3.1	115.1										
46200.0	47360.0	0.413	324.7	-66.0	-13.92	1.285	84.5	0.674	3.066	13.6	189.4	0.999D	5.132	13.06	0.273	71.8	158.1	15.7	0.234
		8.73	7.28	16.01	ONE	5.493	92.8	3.1	114.6										
46210.0	47360.0	0.352	303.1	-35.9	-4.26	1.284	80.7	0.679	3.057	23.1	189.4	0.980D	5.135	3.32	0.271	71.5	156.8	5.0	0.223
		7.42	7.19	14.61	ONE	5.493	92.8	3.1	116.2										
46220.0	47360.0	0.391	298.6	-29.2	-2.56	1.282	76.8	0.688	3.045	32.7	189.4	0.949D	5.140	1.52	0.268	70.8	156.5	2.9	0.227
		8.23	7.22	15.45	ONE	5.493	92.8	3.1	116.4										
46230.0	47360.0	0.444	297.5	-26.3	-1.86	1.280	72.8	0.700	3.028	42.2	189.3	0.907D	5.149	0.74	0.265	69.8	156.3	2.0	0.232
		9.43	7.27	16.70	ONE	5.493	92.8	3.1	116.6										
46240.0	47360.0	0.506	298.6	-24.5	-1.50	1.279	68.7	0.716	3.007	51.7	189.3	0.855D	5.160	0.28	0.261	68.5	156.1	1.5	0.240
		10.89	7.34	18.23	ONE	5.493	92.8	3.1	116.8										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 COAST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46250.0	47360.0	0.574	301.1	-23.0	-1.29	1.277	64.6	0.734	2.983	61.2	189.2	0.7940	5.172	-0.03	0.255	66.9	155.9	1.2	0.249
		12.55	7.43	19.98	ONE	5.493	92.8	3.1	117.0										
46260.0	47360.0	0.646	304.6	-21.7	-1.15	1.276	60.4	0.755	2.956	70.6	189.1	0.7250	5.187	-0.27	0.249	64.9	155.7	1.0	0.259
		14.39	7.53	21.93	ONE	5.493	92.8	3.1	117.1										
ARRIVAL DATE = 2447380.0																			
46120.0	47380.0	0.631	323.3	-12.6	1.01	1.300	117.6	0.754	3.013	294.6	551.1	0.741	5.284	-1.09	0.261	60.8	153.0	0.5	0.268
		13.99	7.62	21.62	TWO	5.222	94.6	3.1	121.6										
46130.0	47380.0	0.557	326.5	-11.0	1.08	1.298	113.1	0.733	3.030	304.5	551.0	0.810	5.249	-1.28	0.265	63.6	153.8	0.2	0.255
		12.12	7.49	19.61	TWO	5.222	94.6	3.1	120.8										
46140.0	47380.0	0.489	328.6	-9.6	1.18	1.297	108.8	0.714	3.045	314.3	550.8	0.870	5.220	-1.51	0.268	65.8	154.5	-0.2	0.245
		10.46	7.39	17.85	TWO	5.222	94.6	3.1	120.1										
46150.0	47380.0	0.427	329.2	-8.3	1.36	1.295	104.7	0.699	3.058	324.1	550.6	0.919	5.198	-1.79	0.271	67.6	155.2	-0.6	0.237
		9.04	7.31	16.36	TWO	5.222	94.6	3.1	119.4										
46160.0	47380.0	0.375	327.9	-7.0	1.65	1.294	100.7	0.688	3.069	333.7	550.4	0.958	5.180	-2.18	0.273	68.9	155.7	-1.1	0.230
		7.89	7.26	15.15	TWO	5.222	94.6	3.1	118.8										
46170.0	47380.0	0.334	324.0	-5.4	2.18	1.292	96.7	0.679	3.077	343.4	550.3	0.986	5.168	-2.80	0.274	69.9	156.2	-2.0	0.226
		7.06	7.22	14.28	TWO	5.222	94.6	3.1	118.2										
46180.0	47380.0	0.312	317.1	-1.8	3.35	1.290	92.8	0.675	3.081	353.0	550.1	1.003	5.160	-4.06	0.275	70.6	156.5	-3.5	0.224
		6.62	7.20	13.82	TWO	5.222	94.6	3.1	117.8										
46190.0	47380.0	0.332	305.8	12.6	7.63	1.288	89.0	0.673	3.082	2.6	190.0	1.0080	5.155	-8.42	0.275	70.8	156.8	-8.4	0.227
		7.02	7.23	14.25	TWO	5.222	94.6	3.1	117.0										
46200.0	47380.0	0.550	15.9	-80.2	-23.33	1.286	85.0	0.675	3.078	12.5	190.0	1.0010	5.155	22.45	0.274	70.8	160.4	23.5	0.260
		11.95	7.54	19.49	ONE	5.222	94.6	3.1	113.4										
46210.0	47380.0	0.350	305.6	-37.4	-4.77	1.284	81.2	0.680	3.070	21.5	189.9	0.9830	5.157	3.81	0.273	70.4	157.3	5.5	0.226
		7.39	7.21	14.60	ONE	5.222	94.6	3.1	117.5										
46220.0	47380.0	0.385	300.3	-29.5	-2.69	1.282	77.3	0.688	3.058	31.4	189.9	0.9540	5.163	1.65	0.271	69.8	157.0	3.0	0.229
		8.12	7.24	15.36	ONE	5.222	94.6	3.1	117.7										
46230.0	47380.0	0.438	298.8	-26.3	-1.91	1.281	73.3	0.700	3.042	41.0	189.9	0.9130	5.172	0.78	0.267	68.8	156.8	2.0	0.234
		9.28	7.29	16.56	ONE	5.222	94.6	3.1	117.9										
46240.0	47380.0	0.499	299.7	-24.4	-1.51	1.279	69.2	0.715	3.022	50.5	189.8	0.8620	5.183	0.29	0.263	67.6	156.6	1.5	0.241
		10.70	7.36	18.06	ONE	5.222	94.6	3.1	118.1										
46250.0	47380.0	0.566	302.0	-22.9	-1.28	1.278	65.1	0.732	2.999	59.9	189.7	0.8020	5.196	-0.03	0.258	66.0	156.4	1.2	0.250
		12.34	7.44	19.78	ONE	5.222	94.6	3.1	118.2										
46260.0	47380.0	0.637	305.5	-21.5	-1.14	1.277	60.9	0.753	2.972	69.3	189.6	0.7340	5.210	-0.28	0.252	64.1	156.3	1.0	0.260
		14.16	7.55	21.70	ONE	5.222	94.6	3.1	118.3										
ARRIVAL DATE = 2447400.0																			
46120.0	47400.0	0.643	324.1	-12.4	0.98	1.300	118.2	0.758	3.025	293.2	551.5	0.731	5.318	-1.08	0.263	59.5	153.7	0.5	0.272
		14.30	7.67	21.97	TWO	4.924	96.4	3.0	122.7										
46130.0	47400.0	0.567	327.4	-10.9	1.03	1.299	113.7	0.736	3.041	303.2	551.5	0.802	5.281	-1.27	0.266	62.3	154.4	0.2	0.259
		12.38	7.54	19.92	TWO	4.924	96.4	3.0	122.0										
46140.0	47400.0	0.498	329.7	-9.4	1.13	1.298	109.4	0.718	3.056	313.0	551.3	0.863	5.250	-1.48	0.269	64.6	155.1	-0.2	0.249
		10.69	7.43	18.12	TWO	4.924	96.4	3.0	121.3										
46150.0	47400.0	0.435	330.5	-8.1	1.28	1.296	105.2	0.702	3.070	322.8	551.2	0.914	5.226	-1.74	0.272	66.4	155.7	-0.5	0.240
		9.23	7.35	16.57	TWO	4.924	96.4	3.0	120.7										
46160.0	47400.0	0.381	329.5	-7.0	1.54	1.294	101.2	0.690	3.081	332.5	551.0	0.954	5.207	-2.09	0.274	67.8	156.2	-1.0	0.234
		8.03	7.28	15.32	TWO	4.924	96.4	3.0	120.1										
46170.0	47400.0	0.339	325.9	-5.6	2.00	1.292	97.2	0.682	3.089	342.2	550.8	0.984	5.193	-2.64	0.276	68.8	156.7	-1.8	0.229
		7.15	7.24	14.40	TWO	4.924	96.4	3.0	119.6										
46180.0	47400.0	0.313	319.5	-2.9	2.96	1.290	93.3	0.676	3.093	351.8	550.7	1.002	5.184	-3.69	0.277	69.5	157.0	-3.0	0.227
		6.65	7.22	13.87	TWO	4.924	96.4	3.0	119.2										
46190.0	47400.0	0.320	309.4	7.3	5.99	1.288	89.4	0.674	3.094	1.4	190.6	1.0080	5.180	-6.80	0.277	69.8	157.2	-6.6	0.228
		6.77	7.23	14.00	TWO	4.924	96.4	3.0	118.6										
46210.0	47400.0	0.350	308.4	-39.6	-5.44	1.285	81.7	0.680	3.084	20.7	190.5	0.9860	5.181	4.47	0.275	69.5	157.8	6.2	0.228
		7.39	7.24	14.62	ONE	4.924	96.4	3.0	118.7										
46220.0	47400.0	0.380	302.0	-29.8	-2.84	1.283	77.8	0.688	3.072	30.2	190.5	0.9580	5.187	1.79	0.273	68.8	157.5	3.1	0.231
		8.01	7.26	15.27	ONE	4.924	96.4	3.0	119.0										
46230.0	47400.0	0.431	300.2	-26.3	-1.96	1.281	73.8	0.699	3.057	39.7	190.4	0.9190	5.195	0.82	0.270	67.9	157.3	2.1	0.236
		9.13	7.30	16.43	ONE	4.924	96.4	3.0	119.1										
46240.0	47400.0	0.491	300.8	-24.3	-1.53	1.280	69.8	0.714	3.038	49.2	190.4	0.8700	5.206	0.30	0.266	66.7	157.2	1.5	0.243
		10.52	7.37	17.89	ONE	4.924	96.4	3.0	119.3										
46250.0	47400.0	0.557	303.0	-22.7	-1.28	1.279	65.7	0.731	3.015	58.6	190.2	0.8110	5.220	-0.03	0.261	65.1	157.1	1.2	0.251
		12.13	7.45	19.59	ONE	4.924	96.4	3.0	119.4										
46260.0	47400.0	0.628	306.3	-21.3	-1.13	1.278	61.5	0.751	2.989	68.0	190.1	0.7440	5.235	-0.28	0.256	63.3	157.0	1.0	0.261
		13.92	7.56	21.48	ONE	4.924	96.4	3.0	119.4										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIM	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
ARRIVAL DATE = 2447420.0																			
46130.0	47420.0	0.578	328.3	-10.7	0.99	1.299	114.3	0.740	3.053	301.8	551.9	0.792	5.314	-1.25	0.268	61.0	155.1	0.2	0.263
		12.65	7.58	20.23	TWO	4.624	98.2	3.0	123.1										
46140.0	47420.0	0.508	330.7	-9.2	1.07	1.298	110.0	0.721	3.068	311.7	551.8	0.855	5.281	-1.45	0.271	63.4	155.7	-0.1	0.253
		10.92	7.47	18.39	TWO	4.624	98.2	3.0	122.5										
46150.0	47420.0	0.444	331.8	-8.0	1.21	1.296	105.8	0.705	3.082	321.5	551.7	0.908	5.255	-1.69	0.274	65.2	156.3	-0.5	0.244
		9.42	7.38	16.80	TWO	4.624	98.2	3.0	121.9										
46160.0	47420.0	0.388	331.0	-6.9	1.44	1.295	101.7	0.693	3.092	331.2	551.5	0.950	5.235	-2.01	0.276	66.7	156.8	-0.9	0.237
		8.18	7.32	15.50	TWO	4.624	98.2	3.0	121.3										
46170.0	47420.0	0.344	327.8	-5.7	1.84	1.293	97.7	0.684	3.100	340.9	551.4	0.981	5.220	-2.50	0.277	67.7	157.2	-1.6	0.232
		7.25	7.27	14.52	TWO	4.624	98.2	3.0	120.8										
46180.0	47420.0	0.315	321.8	-3.6	2.63	1.291	93.8	0.678	3.105	350.6	551.3	1.000	5.210	-3.38	0.278	68.4	157.5	-2.6	0.229
		6.69	7.24	13.93	TWO	4.624	98.2	3.0	120.5										
46190.0	47420.0	0.313	312.6	3.6	4.88	1.289	89.9	0.675	3.107	0.2	191.2	1.008D	5.205	-5.70	0.278	68.8	157.7	-5.3	0.229
		6.64	7.24	13.88	TWO	4.624	98.2	3.0	120.0										
46210.0	47420.0	0.353	311.6	-42.6	-6.40	1.285	82.1	0.681	3.097	19.4	191.1	0.989D	5.205	5.42	0.277	68.5	158.5	7.2	0.231
		7.44	7.26	14.70	ONE	4.624	98.2	3.0	119.9										
46220.0	47420.0	0.375	303.9	-30.2	-3.02	1.284	78.3	0.688	3.087	28.9	191.0	0.963D	5.211	1.96	0.275	68.0	158.1	3.3	0.233
		7.91	7.27	15.18	ONE	4.624	98.2	3.0	120.2										
46230.0	47420.0	0.424	301.7	-26.3	-2.02	1.282	74.3	0.699	3.072	38.4	191.0	0.925D	5.219	0.87	0.272	67.1	157.9	2.1	0.237
		8.98	7.32	16.30	ONE	4.624	98.2	3.0	120.3										
46240.0	47420.0	0.484	302.0	-24.1	-1.55	1.281	70.3	0.713	3.054	47.9	190.9	0.877D	5.230	0.32	0.268	65.9	157.8	1.5	0.244
		10.34	7.38	17.73	ONE	4.624	98.2	3.0	120.4										
46250.0	47420.0	0.549	304.0	-22.6	-1.28	1.280	66.2	0.730	3.032	57.3	190.7	0.820D	5.244	-0.03	0.264	64.3	157.7	1.1	0.252
		11.93	7.47	19.39	ONE	4.624	98.2	3.0	120.5										
46260.0	47420.0	0.619	307.2	-21.2	-1.12	1.279	62.1	0.749	3.007	66.6	190.5	0.754D	5.260	-0.29	0.259	62.5	157.7	0.9	0.262
		13.69	7.57	21.26	ONE	4.624	98.2	3.0	120.5										
ARRIVAL DATE = 2447440.0																			
46130.0	47440.0	0.589	329.3	-10.5	0.95	1.300	115.0	0.745	3.065	300.4	552.3	0.783	5.347	-1.24	0.270	59.8	155.9	0.2	0.268
		12.93	7.62	20.56	TWO	4.353	100.0	3.0	124.1										
46140.0	47440.0	0.518	331.8	-9.0	1.02	1.299	110.6	0.725	3.080	310.4	552.3	0.847	5.313	-1.43	0.273	62.2	156.4	-0.1	0.256
		11.16	7.51	18.67	TWO	4.353	100.0	3.0	123.5										
46150.0	47440.0	0.453	333.0	-7.8	1.14	1.297	106.4	0.709	3.094	320.2	552.2	0.902	5.285	-1.65	0.275	64.1	156.9	-0.5	0.247
		9.62	7.42	17.03	TWO	4.353	100.0	3.0	123.0										
46160.0	47440.0	0.396	332.5	-6.7	1.35	1.295	102.3	0.696	3.105	330.0	552.0	0.945	5.264	-1.94	0.277	65.6	157.4	-0.9	0.240
		8.34	7.35	15.69	TWO	4.353	100.0	3.0	122.5										
46170.0	47440.0	0.349	329.6	-5.8	1.69	1.293	98.3	0.686	3.113	339.7	551.9	0.978	5.248	-2.37	0.279	66.7	157.8	-1.4	0.235
		7.37	7.30	14.66	TWO	4.353	100.0	3.0	122.1										
46180.0	47440.0	0.318	324.1	-4.1	2.36	1.291	94.3	0.680	3.118	349.3	551.8	0.999	5.237	-3.12	0.280	67.5	158.1	-2.3	0.232
		6.74	7.27	14.01	TWO	4.353	100.0	3.0	121.7										
46190.0	47440.0	0.310	315.5	1.1	4.07	1.289	90.4	0.677	3.119	358.9	551.7	1.008	5.230	-4.92	0.280	67.8	158.3	-4.4	0.231
		6.58	7.26	13.84	TWO	4.353	100.0	3.0	121.3										
46200.0	47440.0	0.440	296.0	34.9	16.25	1.288	86.6	0.677	3.117	8.4	191.6	1.006D	5.228	-17.17	0.280	67.9	159.1	-16.7	0.251
		9.32	7.45	16.78	TWO	4.353	100.0	3.0	118.4										
46210.0	47440.0	0.361	315.7	-47.2	-7.88	1.286	82.6	0.681	3.111	18.2	191.6	0.992D	5.230	6.88	0.279	67.7	159.2	8.7	0.235
		7.61	7.29	14.90	ONE	4.353	100.0	3.0	120.9										
46220.0	47440.0	0.371	305.9	-30.8	-3.24	1.284	78.8	0.688	3.101	27.7	191.5	0.967D	5.235	2.17	0.277	67.1	158.7	3.5	0.235
		7.81	7.29	15.10	ONE	4.353	100.0	3.0	121.4										
46230.0	47440.0	0.418	303.1	-26.3	-2.08	1.283	74.8	0.699	3.087	37.2	191.5	0.931D	5.244	0.93	0.274	66.2	158.6	2.1	0.239
		8.83	7.34	16.17	ONE	4.353	100.0	3.0	121.5										
46240.0	47440.0	0.476	303.2	-24.0	-1.56	1.281	70.8	0.712	3.070	46.6	191.4	0.884D	5.255	0.33	0.271	65.1	158.5	1.5	0.246
		10.16	7.40	17.56	ONE	4.353	100.0	3.0	121.5										
46250.0	47440.0	0.541	305.0	-22.4	-1.28	1.280	66.8	0.728	3.048	56.0	191.2	0.828D	5.269	-0.03	0.266	63.6	158.4	1.1	0.254
		11.72	7.48	19.20	ONE	4.353	100.0	3.0	121.6										
46260.0	47440.0	0.610	308.1	-21.0	-1.11	1.279	62.6	0.748	3.024	65.3	191.0	0.763D	5.285	-0.30	0.261	61.8	158.4	0.9	0.263
		13.46	7.58	21.04	ONE	4.353	100.0	3.0	121.6										
ARRIVAL DATE = 2447460.0																			
46130.0	47460.0	0.601	330.2	-10.3	0.91	1.300	115.6	0.749	3.078	299.0	552.7	0.773	5.382	-1.23	0.272	58.6	156.7	0.2	0.272
		13.22	7.67	20.89	TWO	4.149	101.8	3.0	125.1										
46140.0	47460.0	0.528	332.8	-8.8	0.97	1.299	111.2	0.729	3.093	309.0	552.7	0.839	5.346	-1.40	0.274	61.0	157.2	-0.1	0.260
		11.41	7.55	18.96	TWO	4.149	101.8	3.0	124.6										
46150.0	47460.0	0.462	334.2	-7.6	1.08	1.297	106.9	0.712	3.106	318.9	552.6	0.895	5.317	-1.61	0.277	63.0	157.6	-0.4	0.251
		9.83	7.45	17.28	TWO	4.149	101.8	3.0	124.1										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46160.0	47460.0	0.403	333.9	-6.6	1.26	1.296	102.8	0.698	3.117	328.7	552.5	0.940	5.293	-1.88	0.279	64.6	158.1	-0.8	0.243
		8.51	7.38	15.89	TWO	4.149	101.8	3.0	123.6										
46170.0	47460.0	0.355	331.4	-5.7	1.56	1.294	98.8	0.688	3.125	338.4	552.4	0.974	5.276	-2.26	0.280	65.7	158.5	-1.3	0.238
		7.48	7.33	14.81	TWO	4.149	101.8	3.0	123.2										
46180.0	47460.0	0.321	326.3	-4.5	2.12	1.292	94.8	0.682	3.131	348.0	552.3	0.997	5.264	-2.90	0.281	66.5	158.7	-2.1	0.234
		6.80	7.29	14.10	TWO	4.149	101.8	3.0	122.8										
46190.0	47460.0	0.308	318.3	-0.7	3.47	1.290	90.9	0.678	3.133	357.7	552.2	1.008	5.257	-4.33	0.282	66.9	158.9	-3.7	0.233
		6.55	7.28	13.83	TWO	4.149	101.8	3.0	122.5										
46200.0	47460.0	0.362	304.2	20.2	10.14	1.288	87.1	0.678	3.131	7.2	192.2	1.008D	5.254	-11.07	0.281	67.0	159.2	-10.9	0.241
		7.62	7.35	14.97	TWO	4.149	101.8	3.0	121.2										
46210.0	47460.0	0.382	321.9	-54.5	-10.42	1.286	83.2	0.682	3.125	16.9	192.1	0.995D	5.256	9.41	0.280	66.8	160.2	11.2	0.240
		8.05	7.34	15.39	ONE	4.149	101.8	3.0	121.5										
46220.0	47460.0	0.367	307.9	-31.5	-3.52	1.285	79.3	0.688	3.116	26.4	192.0	0.971D	5.261	2.43	0.279	66.3	159.4	3.7	0.237
		7.72	7.31	15.04	ONE	4.149	101.8	3.0	122.5										
46230.0	47460.0	0.412	304.7	-26.3	-2.15	1.283	75.4	0.698	3.103	35.9	192.0	0.936D	5.269	0.99	0.276	65.8	159.3	2.1	0.241
		8.69	7.35	16.05	ONE	4.149	101.8	3.0	122.6										
46240.0	47460.0	0.468	304.4	-23.9	-1.58	1.282	71.4	0.711	3.086	45.3	191.8	0.891D	5.281	0.35	0.273	64.3	159.2	1.4	0.247
		9.99	7.41	17.40	ONE	4.149	101.8	3.0	122.6										
46250.0	47460.0	0.532	306.1	-22.2	-1.28	1.281	67.3	0.727	3.065	54.7	191.7	0.836D	5.294	-0.03	0.269	62.9	159.2	1.1	0.255
		11.52	7.49	19.01	ONE	4.149	101.8	3.0	122.6										
46260.0	47460.0	0.661	309.0	-20.8	-1.10	1.280	63.2	0.746	3.042	64.0	191.5	0.773D	5.311	-0.30	0.264	61.2	159.2	0.8	0.264
		13.24	7.59	20.83	ONE	4.149	101.8	3.0	122.6										

ARRIVAL DATE = 2447480.0

46130.0	47480.0	0.613	331.1	-10.1	0.87	1.301	116.3	0.753	3.091	297.6	553.0	0.763	5.418	-1.22	0.273	57.5	157.6	0.2	0.276
		13.52	7.72	21.24	TWO	4.045	103.6	3.0	126.0										
46140.0	47480.0	0.539	333.8	-8.6	0.92	1.300	111.8	0.732	3.105	307.6	553.1	0.831	5.380	-1.38	0.276	59.9	158.0	-0.1	0.264
		11.67	7.59	19.26	TWO	4.045	103.6	3.0	125.5										
46150.0	47480.0	0.471	335.4	-7.4	1.02	1.298	107.5	0.715	3.118	317.5	553.1	0.888	5.348	-1.58	0.278	62.0	158.4	-0.4	0.254
		10.05	7.49	17.53	TWO	4.045	103.6	3.0	125.1										
46160.0	47480.0	0.411	335.3	-6.4	1.18	1.296	103.4	0.701	3.130	327.4	553.0	0.935	5.324	-1.82	0.280	63.5	158.8	-0.7	0.247
		8.68	7.41	16.09	TWO	4.045	103.6	3.0	124.7										
46170.0	47480.0	0.361	333.2	-5.6	1.44	1.294	99.3	0.691	3.138	337.1	552.9	0.971	5.305	-2.16	0.282	64.7	159.2	-1.2	0.241
		7.61	7.36	14.97	TWO	4.045	103.6	3.0	124.3										
46180.0	47480.0	0.325	328.5	-4.7	1.91	1.292	95.4	0.683	3.144	346.8	552.8	0.995	5.292	-2.72	0.283	65.6	159.4	-1.9	0.237
		6.88	7.32	14.20	TWO	4.045	103.6	3.0	123.9										
46190.0	47480.0	0.308	320.9	-2.0	2.99	1.290	91.5	0.680	3.146	356.4	552.7	1.008	5.284	-3.87	0.283	66.0	159.6	-3.2	0.236
		6.55	7.30	13.85	TWO	4.045	103.6	3.0	123.6										
46200.0	47480.0	0.333	309.2	11.5	7.21	1.289	87.6	0.679	3.145	5.9	192.7	1.009D	5.281	-8.16	0.283	66.2	159.8	-7.8	0.239
		7.03	7.34	14.37	TWO	4.045	103.6	3.0	122.9										
46210.0	47480.0	0.446	335.9	-67.4	-15.86	1.287	83.7	0.682	3.140	15.7	192.6	0.998D	5.282	14.84	0.282	66.0	161.9	16.2	0.251
		9.46	7.46	16.92	ONE	4.045	103.6	3.0	121.2										
46220.0	47480.0	0.363	310.2	-32.4	-3.86	1.285	79.8	0.688	3.131	25.1	192.5	0.975D	5.287	2.77	0.281	65.5	160.2	4.0	0.239
		7.65	7.33	14.98	ONE	4.045	103.6	3.0	123.5										
46230.0	47480.0	0.405	306.3	-26.3	-2.23	1.284	75.9	0.698	3.118	34.6	192.4	0.942D	5.295	1.07	0.278	64.7	160.0	2.2	0.243
		8.55	7.37	15.93	ONE	4.045	103.6	3.0	123.6										
46240.0	47480.0	0.461	305.7	-23.8	-1.60	1.283	71.9	0.711	3.102	44.0	192.3	0.898D	5.306	0.36	0.275	63.6	160.0	1.4	0.249
		9.81	7.43	17.24	ONE	4.045	103.6	3.0	123.6										
46250.0	47480.0	0.524	307.1	-22.1	-1.28	1.282	67.9	0.726	3.082	53.3	192.1	0.844D	5.320	-0.03	0.272	62.2	160.0	1.0	0.256
		11.32	7.51	18.82	ONE	4.045	103.6	3.0	123.6										
46260.0	47480.0	0.592	309.9	-20.6	-1.09	1.281	63.8	0.744	3.059	62.6	191.9	0.782D	5.337	-0.31	0.267	60.5	160.0	0.8	0.266
		13.01	7.80	20.61	ONE	4.045	103.6	3.0	123.6										

ARRIVAL DATE = 2447500.0

46130.0	47500.0	0.625	332.0	-9.9	0.83	1.302	117.0	0.757	3.104	296.2	553.4	0.753	5.454	-1.21	0.275	56.3	158.5	0.1	0.281
		13.83	7.76	21.59	TWO	4.063	105.4	3.0	126.8										
46140.0	47500.0	0.549	334.8	-8.4	0.88	1.300	112.5	0.736	3.118	306.3	553.5	0.822	5.414	-1.36	0.278	58.9	158.9	-0.1	0.268
		11.93	7.63	19.56	TWO	4.063	105.4	3.0	126.4										
46150.0	47500.0	0.481	336.5	-7.1	0.96	1.298	108.1	0.719	3.131	316.2	553.5	0.881	5.381	-1.54	0.280	60.9	159.2	-0.4	0.258
		10.27	7.53	17.80	TWO	4.063	105.4	3.0	126.0										
46160.0	47500.0	0.419	336.7	-6.2	1.10	1.297	104.0	0.704	3.142	326.0	553.4	0.930	5.355	-1.77	0.282	62.6	159.6	-0.7	0.250
		8.87	7.44	16.31	TWO	4.063	105.4	3.0	125.6										
46170.0	47500.0	0.368	334.9	-5.5	1.33	1.295	99.9	0.693	3.151	335.8	553.4	0.967	5.335	-2.08	0.284	63.8	159.9	-1.1	0.244
		7.75	7.39	15.13	TWO	4.063	105.4	3.0	125.3										
46180.0	47500.0	0.329	330.6	-4.8	1.73	1.293	95.9	0.686	3.157	345.5	553.3	0.993	5.321	-2.56	0.285	64.7	160.2	-1.7	0.240
		6.96	7.35	14.31	TWO	4.063	105.4	3.0	125.0										

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DEPART	ARRIVE	SPEED	R A	DECL	I 1	V 1	PSI 1	ECCEN	SMA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
		DV1	DV2	DVT	LEG	CDIST	RAS	DECLS	LAMDA										
46190.0	47500.0	0.309	323.5	-2.9	2.60	1.291	92.0	0.681	3.160	355.1	553.2	1.007	5.312	-3.50	0.285	65.2	160.4	-2.8	0.238
		6.56	7.33	13.89	TWO	4.063	105.4	3.0	124.7										
46200.0	47500.0	0.320	313.1	6.1	5.50	1.289	88.1	0.680	3.159	4.7	193.1	1.0090	5.308	-6.46	0.285	65.4	160.5	-6.0	0.240
		6.77	7.34	14.11	TWO	4.063	105.4	3.0	124.2										
46220.0	47500.0	0.360	312.6	-33.7	-4.32	1.286	80.3	0.689	3.146	23.8	193.0	0.9790	5.313	3.22	0.283	64.8	161.0	4.4	0.241
		7.59	7.35	14.94	ONE	4.063	105.4	3.0	124.5										
46230.0	47500.0	0.399	307.9	-26.4	-2.33	1.285	76.4	0.698	3.134	33.3	192.9	0.9470	5.321	1.16	0.281	64.0	160.8	2.2	0.244
		8.42	7.39	15.81	ONE	4.063	105.4	3.0	124.6										
46240.0	47500.0	0.454	307.0	-23.6	-1.62	1.283	72.5	0.710	3.119	42.7	192.8	0.9050	5.333	0.38	0.278	63.0	160.8	1.4	0.250
		9.64	7.45	17.09	ONE	4.063	105.4	3.0	124.6										
46250.0	47500.0	0.516	308.2	-21.9	-1.27	1.282	68.4	0.725	3.100	52.0	192.6	0.8520	5.347	-0.03	0.274	61.6	160.8	1.0	0.258
		11.12	7.52	18.64	ONE	4.063	105.4	3.0	124.6										
46260.0	47500.0	0.583	310.8	-20.4	-1.07	1.282	64.3	0.743	3.077	61.3	192.3	0.7910	5.363	-0.32	0.270	59.9	160.9	0.7	0.267
		12.78	7.61	20.40	ONE	4.063	105.4	3.0	124.5										
ARRIVAL DATE = 2447520.0																			
46130.0	47520.0	0.637	332.9	-9.6	0.79	1.302	117.7	0.762	3.117	294.7	553.7	0.742	5.491	-1.20	0.277	55.2	159.5	0.1	0.285
		14.14	7.81	21.95	TWO	4.200	107.1	2.9	127.6										
46140.0	47520.0	0.560	335.8	-8.2	0.83	1.301	113.1	0.740	3.131	304.8	553.8	0.813	5.449	-1.35	0.279	57.8	159.8	-0.1	0.272
		12.21	7.67	19.88	TWO	4.200	107.1	2.9	127.3										
46150.0	47520.0	0.490	337.7	-6.9	0.91	1.299	108.8	0.722	3.144	314.8	553.9	0.874	5.415	-1.51	0.282	59.9	160.1	-0.4	0.262
		10.51	7.56	18.07	TWO	4.200	107.1	2.9	126.9										
46160.0	47520.0	0.428	338.1	-5.9	1.03	1.297	104.5	0.707	3.156	324.7	553.9	0.924	5.387	-1.72	0.284	61.6	160.5	-0.7	0.254
		9.06	7.48	16.54	TWO	4.200	107.1	2.9	126.6										
46170.0	47520.0	0.375	336.6	-5.3	1.23	1.295	100.4	0.696	3.164	334.4	553.8	0.963	5.366	-2.00	0.285	62.9	160.7	-1.0	0.247
		7.89	7.42	15.31	TWO	4.200	107.1	2.9	126.3										
46180.0	47520.0	0.334	332.6	-4.8	1.57	1.293	96.5	0.688	3.171	344.1	553.7	0.990	5.351	-2.42	0.286	63.8	161.0	-1.6	0.243
		7.06	7.37	14.43	TWO	4.200	107.1	2.9	126.0										
46190.0	47520.0	0.310	326.0	-3.5	2.28	1.292	92.5	0.683	3.174	353.8	553.7	1.006	5.341	-3.20	0.287	64.3	161.2	-2.5	0.241
		6.59	7.35	13.94	TWO	4.200	107.1	2.9	125.7										
46200.0	47520.0	0.313	316.5	2.5	4.37	1.290	88.6	0.682	3.173	3.4	193.6	1.0100	5.336	-5.35	0.287	64.6	161.3	-4.8	0.241
		6.64	7.35	13.99	TWO	4.200	107.1	2.9	125.3										
46220.0	47520.0	0.359	315.4	-35.5	-4.96	1.287	80.8	0.689	3.162	22.5	193.5	0.9830	5.340	3.85	0.285	64.0	161.8	5.0	0.243
		7.56	7.38	14.94	ONE	4.200	107.1	2.9	125.4										
46230.0	47520.0	0.393	309.7	-26.5	-2.44	1.285	76.9	0.698	3.150	31.9	193.4	0.9520	5.348	1.26	0.283	63.3	161.7	2.3	0.246
		8.29	7.41	15.70	ONE	4.200	107.1	2.9	125.5										
46240.0	47520.0	0.446	308.4	-23.5	-1.65	1.284	73.0	0.709	3.135	41.3	193.2	0.9110	5.359	0.41	0.280	62.3	161.6	1.4	0.252
		9.48	7.46	16.94	ONE	4.200	107.1	2.9	125.5										
46250.0	47520.0	0.508	309.3	-21.7	-1.27	1.283	69.0	0.724	3.117	50.7	193.0	0.8600	5.373	-0.04	0.277	61.0	161.7	0.9	0.259
		10.92	7.53	18.45	ONE	4.200	107.1	2.9	125.5										
46260.0	47520.0	0.575	311.7	-20.2	-1.06	1.282	64.9	0.741	3.095	59.9	192.8	0.8000	5.390	-0.33	0.273	59.4	161.7	0.7	0.268
		12.56	7.62	20.19	ONE	4.200	107.1	2.9	125.4										
46270.0	47520.0	0.646	315.2	-18.7	-0.93	1.282	60.8	0.761	3.071	69.1	192.4	0.7330	5.409	-0.54	0.268	57.5	161.9	0.5	0.278
		14.37	7.73	22.10	ONE	4.200	107.1	2.9	125.2										
ARRIVAL DATE = 2447540.0																			
46130.0	47540.0	0.649	333.8	-9.4	0.75	1.303	118.4	0.766	3.130	293.2	554.0	0.731	5.529	-1.19	0.278	54.1	160.5	0.1	0.289
		14.47	7.86	22.33	TWO	4.436	108.9	2.9	128.4										
46140.0	47540.0	0.572	336.8	-7.9	0.79	1.301	113.8	0.744	3.145	303.4	554.2	0.804	5.485	-1.33	0.281	56.8	160.7	-0.1	0.276
		12.49	7.72	20.21	TWO	4.436	108.9	2.9	128.1										
46150.0	47540.0	0.501	338.8	-6.7	0.85	1.299	109.4	0.726	3.158	313.4	554.2	0.866	5.449	-1.49	0.283	58.9	161.0	-0.4	0.266
		10.75	7.60	18.35	TWO	4.436	108.9	2.9	127.8										
46160.0	47540.0	0.437	339.5	-5.7	0.96	1.298	105.1	0.710	3.169	323.3	554.3	0.918	5.420	-1.68	0.285	60.7	161.3	-0.6	0.257
		9.26	7.51	16.77	TWO	4.436	108.9	2.9	127.5										
46170.0	47540.0	0.382	338.2	-5.1	1.13	1.296	101.0	0.698	3.178	333.1	554.2	0.959	5.397	-1.92	0.287	62.0	161.6	-1.0	0.250
		8.05	7.45	15.49	TWO	4.436	108.9	2.9	127.2										
46180.0	47540.0	0.339	334.7	-4.7	1.43	1.294	97.0	0.690	3.184	342.8	554.2	0.988	5.381	-2.29	0.288	62.9	161.8	-1.4	0.246
		7.16	7.40	14.56	TWO	4.436	108.9	2.9	126.9										
46190.0	47540.0	0.313	328.5	-3.9	2.02	1.292	93.1	0.685	3.188	352.5	554.1	1.005	5.370	-2.95	0.288	63.5	162.0	-2.2	0.243
		6.64	7.37	14.01	TWO	4.436	108.9	2.9	126.7										
46200.0	47540.0	0.309	319.6	0.2	3.58	1.290	89.2	0.683	3.188	2.1	194.1	1.0110	5.365	-4.57	0.288	63.8	162.1	-3.9	0.243
		6.57	7.37	13.94	TWO	4.436	108.9	2.9	126.4										
46210.0	47540.0	0.463	297.1	36.8	17.49	1.289	85.3	0.685	3.184	11.5	194.0	1.0050	5.364	-18.54	0.288	63.7	163.2	-17.1	0.266
		9.86	7.60	17.46	TWO	4.436	108.9	2.9	122.8										
46220.0	47540.0	0.360	318.6	-38.4	-5.90	1.287	81.4	0.690	3.177	21.2	193.9	0.9860	5.368	4.78	0.287	63.4	162.8	5.9	0.246
		7.59	7.40	14.99	ONE	4.436	108.9	2.9	126.2										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46230.0	47540.0	0.388	311.5	-26.7	-2.58	1.286	77.5	0.698	3.166	30.6	193.8	0.957D	5.375	1.39	0.285	62.7	162.5	2.3	0.248
		8.17	7.42	15.59	ONE	4.436	108.9	2.9	126.4										
46240.0	47540.0	0.439	309.8	-23.3	-1.68	1.285	73.5	0.709	3.152	40.0	193.7	0.918D	5.386	0.43	0.282	61.7	162.5	1.3	0.253
		9.31	7.48	16.79	ONE	4.436	108.9	2.9	126.4										
46250.0	47540.0	0.500	310.5	-21.4	-1.27	1.284	69.6	0.723	3.134	49.3	193.5	0.888D	5.400	-0.04	0.279	60.4	162.6	0.9	0.260
		10.72	7.55	18.27	ONE	4.436	108.9	2.9	126.4										
46260.0	47540.0	0.566	312.7	-19.9	-1.05	1.283	65.5	0.740	3.113	58.6	193.2	0.859D	5.417	-0.34	0.275	58.9	162.7	0.6	0.269
		12.34	7.64	19.98	ONE	4.436	108.9	2.9	126.2										
46270.0	47540.0	0.636	316.0	-18.6	-0.91	1.283	61.4	0.759	3.090	67.8	192.8	0.743D	5.436	-0.55	0.271	57.0	162.8	0.5	0.279
		14.12	7.74	21.87	ONE	4.436	108.9	2.9	126.1										
ARRIVAL DATE = 2447560.0																			
46140.0	47560.0	0.583	337.8	-7.7	0.75	1.302	114.5	0.749	3.158	302.0	554.5	0.794	5.522	-1.32	0.282	55.8	161.8	-0.1	0.280
		12.78	7.76	20.54	TWO	4.734	110.7	2.9	128.9										
46150.0	47560.0	0.511	340.0	-6.4	0.80	1.300	110.0	0.729	3.171	312.0	554.6	0.858	5.484	-1.46	0.285	58.0	162.0	-0.4	0.269
		11.00	7.64	18.64	TWO	4.734	110.7	2.9	128.6										
46160.0	47560.0	0.446	340.8	-5.4	0.89	1.298	105.7	0.714	3.182	321.9	554.6	0.912	5.453	-1.64	0.287	59.8	162.3	-0.6	0.260
		9.46	7.55	17.01	TWO	4.734	110.7	2.9	128.3										
46170.0	47560.0	0.390	339.9	-4.8	1.04	1.296	101.6	0.701	3.192	331.7	554.6	0.954	5.429	-1.86	0.288	61.1	162.5	-0.9	0.253
		8.21	7.48	15.69	TWO	4.734	110.7	2.9	128.0										
46180.0	47560.0	0.345	336.6	-4.6	1.30	1.294	97.6	0.692	3.198	341.5	554.6	0.985	5.412	-2.18	0.289	62.1	162.7	-1.3	0.249
		7.27	7.43	14.70	TWO	4.734	110.7	2.9	127.8										
46190.0	47560.0	0.316	330.8	-4.1	1.79	1.293	93.6	0.687	3.202	351.1	554.6	1.004	5.400	-2.74	0.290	62.8	162.9	-2.0	0.246
		6.69	7.40	14.09	TWO	4.734	110.7	2.9	127.6										
46200.0	47560.0	0.307	322.5	-1.4	2.99	1.291	89.7	0.684	3.202	0.7	194.5	1.011D	5.394	-4.00	0.290	63.1	163.0	-3.3	0.245
		6.54	7.39	13.93	TWO	4.734	110.7	2.9	127.3										
46210.0	47560.0	0.365	307.9	19.2	9.77	1.289	85.8	0.685	3.199	10.3	194.4	1.006D	5.392	-10.84	0.290	63.0	163.3	-10.2	0.252
		7.68	7.47	15.15	TWO	4.734	110.7	2.9	126.0										
46220.0	47560.0	0.367	322.8	-43.0	-7.43	1.288	81.9	0.690	3.193	19.9	194.4	0.990D	5.396	6.30	0.289	62.7	163.8	7.4	0.249
		7.73	7.43	15.16	ONE	4.734	110.7	2.9	126.9										
46230.0	47560.0	0.382	313.3	-26.9	-2.74	1.286	78.0	0.698	3.183	29.3	194.2	0.962D	5.403	1.55	0.287	62.1	163.4	2.5	0.250
		8.05	7.44	15.49	ONE	4.734	110.7	2.9	127.3										
46240.0	47560.0	0.432	311.2	-23.2	-1.71	1.285	74.1	0.708	3.169	38.7	194.1	0.924D	5.414	0.46	0.284	61.1	163.4	1.3	0.255
		9.15	7.49	16.64	ONE	4.734	110.7	2.9	127.3										
46250.0	47560.0	0.492	311.6	-21.2	-1.27	1.284	70.1	0.722	3.152	48.0	193.9	0.876D	5.428	-0.04	0.281	59.9	163.5	0.8	0.262
		10.53	7.56	18.09	ONE	4.734	110.7	2.9	127.2										
46260.0	47560.0	0.557	313.7	-19.7	-1.03	1.284	66.1	0.739	3.131	57.2	193.6	0.818D	5.445	-0.35	0.278	58.4	163.6	0.6	0.270
		12.12	7.65	19.77	ONE	4.734	110.7	2.9	127.1										
46270.0	47560.0	0.627	316.9	-18.2	-0.89	1.283	61.9	0.758	3.108	66.4	193.2	0.753D	5.463	-0.56	0.273	56.5	163.8	0.4	0.280
		13.88	7.75	21.64	ONE	4.734	110.7	2.9	126.9										
ARRIVAL DATE = 2447580.0																			
46140.0	47580.0	0.595	338.8	-7.4	0.70	1.302	115.1	0.753	3.172	300.5	554.8	0.784	5.559	-1.31	0.284	54.8	162.8	-0.2	0.285
		13.08	7.81	20.89	TWO	5.055	112.4	2.8	129.6										
46150.0	47580.0	0.522	341.0	-6.1	0.75	1.300	110.7	0.733	3.185	310.6	554.9	0.850	5.520	-1.44	0.286	57.1	163.0	-0.4	0.273
		11.26	7.68	18.94	TWO	5.055	112.4	2.8	129.4										
46160.0	47580.0	0.455	342.1	-5.1	0.83	1.299	106.4	0.717	3.196	320.5	555.0	0.905	5.487	-1.60	0.288	58.9	163.2	-0.6	0.264
		9.68	7.58	17.26	TWO	5.055	112.4	2.8	129.1										
46170.0	47580.0	0.397	341.4	-4.5	0.96	1.297	102.2	0.704	3.205	330.4	555.0	0.949	5.462	-1.80	0.290	60.3	163.5	-0.9	0.257
		8.38	7.51	15.89	TWO	5.055	112.4	2.8	128.9										
46180.0	47580.0	0.351	338.6	-4.3	1.18	1.295	98.1	0.694	3.212	340.1	555.0	0.981	5.443	-2.09	0.291	61.3	163.6	-1.3	0.251
		7.39	7.46	14.85	TWO	5.055	112.4	2.8	128.7										
46190.0	47580.0	0.319	333.2	-4.2	1.59	1.293	94.2	0.688	3.216	349.8	555.0	1.002	5.430	-2.56	0.292	62.0	163.8	-1.8	0.248
		6.75	7.43	14.18	TWO	5.055	112.4	2.8	128.5										
46200.0	47580.0	0.307	325.3	-2.5	2.53	1.291	90.2	0.686	3.217	359.4	554.9	1.011	5.423	-3.55	0.292	62.3	163.9	-2.9	0.247
		6.53	7.41	13.94	TWO	5.055	112.4	2.8	128.2										
46210.0	47580.0	0.334	313.6	9.8	6.56	1.290	86.4	0.686	3.215	8.9	194.9	1.008D	5.421	-7.65	0.291	62.4	164.1	-7.1	0.250
		7.06	7.45	14.51	TWO	5.055	112.4	2.8	127.6										
46220.0	47580.0	0.390	329.4	-51.4	-10.39	1.288	82.4	0.691	3.208	18.5	194.8	0.993D	5.424	9.25	0.290	62.1	165.2	10.1	0.254
		8.22	7.48	15.71	ONE	5.055	112.4	2.8	127.2										
46230.0	47580.0	0.377	315.3	-27.3	-2.95	1.287	78.6	0.698	3.199	27.9	194.7	0.967D	5.431	1.75	0.289	61.5	164.4	2.6	0.252
		7.94	7.46	15.40	ONE	5.055	112.4	2.8	128.1										
46240.0	47580.0	0.425	312.7	-23.0	-1.75	1.286	74.6	0.708	3.186	37.3	194.5	0.930D	5.441	0.49	0.287	60.6	164.4	1.3	0.256
		8.99	7.51	16.50	ONE	5.055	112.4	2.8	128.1										
46250.0	47580.0	0.484	312.8	-20.9	-1.27	1.285	70.7	0.721	3.169	46.6	194.3	0.883D	5.455	-0.04	0.284	59.4	164.4	0.8	0.263
		10.34	7.57	17.92	ONE	5.055	112.4	2.8	128.0										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46260.0	47580.0	0.548	314.7	-19.4	-1.01	1.285	66.6	0.737	3.150	55.9	194.0	0.827D	5.472	-0.36	0.280	57.9	164.6	0.5	0.271
		11.91	7.66	19.56	ONE	5.055	112.4	2.8	127.9										
46270.0	47580.0	0.617	317.7	-17.9	-0.87	1.284	62.5	0.756	3.127	65.0	193.6	0.763D	5.491	-0.58	0.276	56.1	164.8	0.3	0.281
		13.64	7.76	21.41	ONE	5.055	112.4	2.8	127.6										
ARRIVAL DATE = 2447600.0																			
46140.0	47600.0	0.607	339.7	-7.2	0.66	1.303	115.8	0.757	3.186	299.0	555.1	0.774	5.598	-1.30	0.286	53.8	163.9	-0.2	0.289
		13.39	7.85	21.24	TWO	5.367	114.2	2.8	130.2										
46150.0	47600.0	0.533	342.1	-5.9	0.70	1.301	111.3	0.737	3.199	309.1	555.3	0.841	5.556	-1.42	0.288	56.1	164.1	-0.4	0.277
		11.52	7.72	19.25	TWO	5.367	114.2	2.8	130.1										
46160.0	47600.0	0.465	343.4	-4.8	0.77	1.299	107.0	0.720	3.210	319.1	555.4	0.898	5.522	-1.57	0.290	58.0	164.2	-0.6	0.267
		9.90	7.62	17.52	TWO	5.367	114.2	2.8	129.9										
46170.0	47600.0	0.405	343.0	-4.3	0.89	1.297	102.8	0.707	3.219	329.0	555.4	0.944	5.495	-1.75	0.291	59.5	164.4	-0.9	0.260
		8.56	7.54	16.10	TWO	5.367	114.2	2.8	129.7										
46180.0	47600.0	0.357	340.4	-4.1	1.08	1.295	98.7	0.697	3.226	338.8	555.4	0.978	5.475	-2.00	0.293	60.6	164.6	-1.2	0.254
		7.52	7.49	15.01	TWO	5.367	114.2	2.8	129.5										
46190.0	47600.0	0.323	335.4	-4.1	1.42	1.294	94.7	0.690	3.231	348.4	555.4	1.000	5.461	-2.40	0.293	61.3	164.8	-1.7	0.251
		6.83	7.45	14.28	TWO	5.367	114.2	2.8	129.3										
46200.0	47600.0	0.307	328.0	-3.2	2.16	1.292	90.8	0.687	3.232	358.1	555.4	1.011	5.453	-3.20	0.293	61.6	164.9	-2.5	0.249
		6.53	7.44	13.97	TWO	5.367	114.2	2.8	129.1										
46210.0	47600.0	0.321	317.8	4.4	4.81	1.290	86.9	0.688	3.230	7.6	195.3	1.009D	5.451	-5.91	0.293	61.7	165.0	-5.3	0.251
		6.80	7.45	14.25	TWO	5.367	114.2	2.8	128.7										
46220.0	47600.0	0.487	349.0	-68.8	-18.36	1.289	83.0	0.691	3.224	17.2	195.2	0.996D	5.453	17.21	0.292	61.4	167.6	17.0	0.270
		10.42	7.65	18.07	ONE	5.367	114.2	2.8	125.7										
46230.0	47600.0	0.373	317.5	-27.8	-3.22	1.288	79.1	0.698	3.215	26.6	195.1	0.971D	5.459	2.62	0.291	60.9	165.3	2.8	0.253
		7.85	7.48	15.32	ONE	5.367	114.2	2.8	128.9										
46240.0	47600.0	0.418	314.2	-22.8	-1.79	1.287	75.2	0.708	3.203	36.0	194.9	0.936D	5.470	0.53	0.289	60.0	165.3	1.3	0.258
		8.84	7.52	16.36	ONE	5.367	114.2	2.8	128.9										
46250.0	47600.0	0.476	314.0	-20.7	-1.26	1.286	71.2	0.721	3.187	45.3	194.7	0.891D	5.483	-0.05	0.286	58.9	165.4	0.7	0.264
		10.15	7.59	17.74	ONE	5.367	114.2	2.8	128.8										
46260.0	47600.0	0.539	315.7	-19.1	-1.00	1.285	67.2	0.736	3.168	54.5	194.4	0.836D	5.500	-0.37	0.283	57.5	165.6	0.4	0.272
		11.69	7.67	19.36	ONE	5.367	114.2	2.8	128.6										
46270.0	47600.0	0.608	318.6	-17.7	-0.84	1.285	63.1	0.754	3.146	63.7	194.0	0.773D	5.519	-0.59	0.279	55.7	165.8	0.3	0.281
		13.41	7.77	21.18	ONE	5.367	114.2	2.8	128.4										
ARRIVAL DATE = 2447620.0																			
46140.0	47620.0	0.620	340.6	-6.9	0.62	1.303	116.6	0.761	3.200	297.5	555.3	0.763	5.636	-1.29	0.287	52.9	165.0	-0.2	0.293
		13.71	7.90	21.60	TWO	5.643	116.0	2.8	130.9										
46150.0	47620.0	0.544	343.2	-5.6	0.66	1.301	112.0	0.741	3.213	307.7	555.5	0.832	5.593	-1.40	0.289	55.2	165.1	-0.4	0.281
		11.80	7.76	19.56	TWO	5.643	116.0	2.8	130.7										
46160.0	47620.0	0.475	344.6	-4.5	0.72	1.300	107.6	0.724	3.224	317.7	555.7	0.891	5.557	-1.53	0.291	57.2	165.3	-0.6	0.271
		10.13	7.66	17.79	TWO	5.643	116.0	2.8	130.6										
46170.0	47620.0	0.414	344.4	-3.9	0.82	1.298	103.4	0.710	3.234	327.6	555.8	0.938	5.529	-1.70	0.293	58.7	165.5	-0.8	0.263
		8.74	7.57	16.32	TWO	5.643	116.0	2.8	130.4										
46180.0	47620.0	0.363	342.3	-3.8	0.98	1.296	99.3	0.699	3.241	337.4	555.8	0.974	5.508	-1.92	0.294	59.8	165.6	-1.1	0.257
		7.66	7.52	15.17	TWO	5.643	116.0	2.8	130.2										
46190.0	47620.0	0.327	337.6	-4.0	1.26	1.294	95.3	0.692	3.245	347.1	555.8	0.998	5.493	-2.26	0.295	60.6	165.7	-1.5	0.253
		6.91	7.48	14.39	TWO	5.643	116.0	2.8	130.1										
46200.0	47620.0	0.308	330.6	-3.7	1.86	1.293	91.3	0.689	3.247	356.7	555.7	1.010	5.484	-2.92	0.295	61.0	165.8	-2.2	0.252
		6.55	7.46	14.01	TWO	5.643	116.0	2.8	129.9										
46210.0	47620.0	0.315	321.3	1.0	3.71	1.291	87.4	0.689	3.245	6.3	195.7	1.010D	5.480	-4.82	0.295	61.1	165.9	-4.2	0.252
		6.67	7.46	14.14	TWO	5.643	116.0	2.8	129.6										
46230.0	47620.0	0.369	319.7	-28.7	-3.58	1.288	79.7	0.698	3.232	25.2	195.5	0.976D	5.488	2.38	0.293	60.3	166.4	3.1	0.255
		7.76	7.50	15.26	ONE	5.643	116.0	2.8	129.7										
46240.0	47620.0	0.412	315.8	-22.7	-1.84	1.287	75.7	0.707	3.220	34.6	195.3	0.942D	5.498	0.58	0.291	59.5	166.3	1.3	0.259
		8.69	7.54	16.23	ONE	5.643	116.0	2.8	129.6										
46250.0	47620.0	0.468	315.3	-20.4	-1.26	1.286	71.8	0.720	3.205	43.9	195.1	0.898D	5.512	-0.09	0.288	58.4	166.4	0.7	0.266
		9.97	7.60	17.57	ONE	5.643	116.0	2.8	129.5										
46260.0	47620.0	0.531	316.8	-18.8	-0.98	1.286	67.8	0.735	3.186	53.2	194.8	0.844D	5.528	-0.39	0.285	57.0	166.6	0.4	0.273
		11.48	7.68	19.16	ONE	5.643	116.0	2.8	129.4										
46270.0	47620.0	0.599	319.5	-17.4	-0.82	1.286	63.7	0.753	3.165	62.3	194.4	0.782D	5.548	-0.61	0.281	55.3	166.8	0.2	0.282
		13.17	7.78	20.95	ONE	5.643	116.0	2.8	129.1										
ARRIVAL DATE = 2447640.0																			
46140.0	47640.0	0.632	341.6	-8.7	0.58	1.304	117.3	0.766	3.214	296.0	555.5	0.752	5.676	-1.28	0.289	51.9	166.2	-0.2	0.297
		14.03	7.95	21.97	TWO	5.884	117.7	2.7	131.5										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIM	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46150.0	47640.0	0.555	344.2	-5.3	0.61	1.302	112.7	0.745	3.227	306.2	555.8	0.823	5.630	-1.39	0.291	54.4	166.2	-0.4	0.284
		12.08	7.81	19.88	TWO	5.864	117.7	2.7	131.4										
46160.0	47640.0	0.485	345.8	-4.2	0.66	1.300	108.2	0.727	3.238	316.3	556.0	0.883	5.593	-1.51	0.293	56.3	166.4	-0.6	0.274
		10.37	7.69	18.07	TWO	5.864	117.7	2.7	131.3										
46170.0	47640.0	0.423	345.9	-3.6	0.75	1.298	104.0	0.713	3.248	326.2	556.1	0.933	5.563	-1.65	0.294	57.9	166.5	-0.8	0.266
		8.94	7.61	16.55	TWO	5.864	117.7	2.7	131.1										
46180.0	47640.0	0.370	344.0	-3.5	0.89	1.297	99.9	0.702	3.255	336.0	556.2	0.970	5.541	-1.85	0.296	59.1	166.6	-1.1	0.260
		7.80	7.55	15.35	TWO	5.864	117.7	2.7	130.9										
46190.0	47640.0	0.331	339.8	-3.8	1.13	1.295	95.9	0.695	3.260	345.7	556.2	0.996	5.525	-2.15	0.296	59.9	166.8	-1.4	0.256
		7.00	7.50	14.51	TWO	5.864	117.7	2.7	130.8										
46200.0	47640.0	0.310	333.2	-3.9	1.61	1.293	91.9	0.691	3.262	355.3	556.1	1.009	5.515	-2.68	0.297	60.3	166.9	-2.0	0.254
		6.58	7.48	14.06	TWO	5.864	117.7	2.7	130.6										
46210.0	47640.0	0.311	324.5	-1.1	2.95	1.292	88.0	0.690	3.261	4.9	196.1	1.0110	5.510	-4.07	0.296	60.5	166.9	-3.4	0.254
		6.66	7.48	14.09	TWO	5.864	117.7	2.7	130.4										
46220.0	47640.0	0.507	296.7	40.7	20.04	1.290	84.1	0.692	3.256	14.3	196.0	1.0020	5.511	-21.20	0.296	60.3	168.5	-18.6	0.283
		10.90	7.79	18.69	TWO	5.864	117.7	2.7	129.7										
46230.0	47640.0	0.366	322.3	-30.0	-4.10	1.289	80.2	0.698	3.248	23.9	195.9	0.9800	5.517	2.89	0.294	59.8	167.4	3.5	0.257
		7.70	7.51	15.21	ONE	5.864	117.7	2.7	130.4										
46240.0	47640.0	0.405	317.4	-22.5	-1.90	1.288	76.3	0.707	3.237	33.3	195.7	0.9470	5.527	0.63	0.293	59.0	167.4	1.3	0.261
		8.55	7.55	16.10	ONE	5.864	117.7	2.7	130.4										
46250.0	47640.0	0.466	316.6	-20.1	-1.26	1.287	72.4	0.719	3.222	42.6	195.5	0.9050	5.540	-0.05	0.290	58.0	167.4	0.6	0.267
		9.79	7.61	17.41	ONE	5.864	117.7	2.7	130.2										
46260.0	47640.0	0.522	317.8	-18.5	-0.96	1.287	68.4	0.734	3.205	51.8	195.2	0.8520	5.557	-0.40	0.287	56.6	167.6	0.3	0.274
		11.27	7.69	18.96	ONE	5.864	117.7	2.7	130.1										
46270.0	47640.0	0.590	320.4	-17.1	-0.79	1.286	64.3	0.751	3.184	60.9	194.8	0.7920	5.576	-0.62	0.284	55.0	167.8	0.1	0.283
		12.94	7.79	20.73	ONE	5.864	117.7	2.7	129.8										

ARRIVAL DATE = 2447660.0

46140.0	47660.0	0.645	342.5	-6.4	0.54	1.304	118.0	0.770	3.228	294.4	555.8	0.741	5.716	-1.27	0.290	51.0	167.4	-0.3	0.301
		14.36	7.99	22.35	TWO	6.016	119.5	2.7	132.0										
46150.0	47660.0	0.567	345.3	-5.0	0.57	1.303	113.3	0.749	3.241	304.7	556.1	0.814	5.669	-1.[illegible]	0.292	53.5	167.4	-0.4	0.288
		12.37	7.85	20.22	TWO	6.016	119.5	2.7	132.0										
46160.0	47660.0	0.495	347.0	-3.9	0.61	1.301	108.9	0.731	3.253	314.8	556.3	0.876	5.629	-1.48	0.294	55.5	167.5	-0.6	0.278
		10.62	7.73	18.35	TWO	6.016	119.5	2.7	131.9										
46170.0	47660.0	0.432	347.3	-3.3	0.68	1.299	104.6	0.716	3.262	324.8	556.4	0.926	5.598	-1.61	0.296	57.1	167.6	-0.8	0.269
		9.14	7.64	16.78	TWO	6.016	119.5	2.7	131.8										
46180.0	47660.0	0.378	345.8	-3.1	0.80	1.297	100.5	0.705	3.270	334.6	556.5	0.966	5.574	-1.79	0.297	58.3	167.7	-1.1	0.263
		7.95	7.58	15.53	TWO	6.016	119.5	2.7	131.6										
46190.0	47660.0	0.337	341.9	-3.5	1.01	1.295	96.4	0.697	3.275	344.3	556.5	0.993	5.557	-2.04	0.298	59.2	167.8	-1.4	0.259
		7.10	7.53	14.63	TWO	6.016	119.5	2.7	131.5										
46200.0	47660.0	0.312	335.7	-3.9	1.40	1.294	92.5	0.692	3.277	354.0	556.5	1.009	5.546	-2.48	0.298	59.7	167.9	-1.9	0.256
		6.62	7.51	14.13	TWO	6.016	119.5	2.7	131.4										
46210.0	47660.0	0.309	327.4	-2.4	2.40	1.292	88.6	0.691	3.276	3.5	196.5	1.0120	5.541	-3.53	0.298	59.9	168.0	-2.9	0.256
		6.56	7.50	14.06	TWO	6.016	119.5	2.7	131.2										
46220.0	47660.0	0.367	312.6	17.8	9.19	1.291	84.7	0.693	3.272	13.0	196.4	1.0040	5.541	-10.36	0.297	59.7	168.2	-9.5	0.263
		7.73	7.58	15.30	TWO	6.016	119.5	2.7	129.9										
46230.0	47660.0	0.365	325.3	-32.3	-4.91	1.290	80.8	0.699	3.265	22.5	196.3	0.9840	5.546	3.69	0.296	59.3	168.5	4.2	0.259
		7.68	7.54	15.21	ONE	6.016	119.5	2.7	131.0										
46240.0	47660.0	0.399	319.1	-22.4	-1.97	1.289	76.9	0.707	3.254	31.9	196.1	0.9530	5.556	0.70	0.295	58.6	168.4	1.3	0.262
		8.41	7.57	15.98	ONE	6.016	119.5	2.7	131.1										
46250.0	47660.0	0.452	317.9	-19.8	-1.25	1.288	72.9	0.719	3.240	41.2	195.9	0.9120	5.569	-0.06	0.292	57.5	168.5	0.6	0.268
		9.61	7.63	17.24	ONE	6.016	119.5	2.7	130.9										
46260.0	47660.0	0.514	318.9	-18.2	-0.94	1.287	68.9	0.733	3.223	50.4	195.5	0.8610	5.585	-0.42	0.289	56.2	168.7	0.2	0.275
		11.06	7.70	18.77	ONE	6.016	119.5	2.7	130.8										
46270.0	47660.0	0.580	321.4	-16.8	-0.77	1.287	64.9	0.750	3.203	59.6	195.2	0.8010	5.605	-0.64	0.286	54.6	168.9	0.1	0.284
		12.71	7.80	20.51	ONE	6.016	119.5	2.7	130.5										

ARRIVAL DATE = 2447680.0

46150.0	47680.0	0.579	346.3	-4.7	0.52	1.303	114.0	0.753	3.255	303.2	556.3	0.804	5.707	-1.36	0.294	52.6	168.6	-0.5	0.292
		12.67	7.89	20.56	TWO	6.092	121.2	2.6	132.5										
46160.0	47680.0	0.506	348.2	-3.6	0.56	1.301	109.6	0.734	3.267	313.3	556.6	0.867	5.666	-1.46	0.296	54.7	168.6	-0.6	0.281
		10.88	7.77	18.65	TWO	6.092	121.2	2.6	132.5										
46170.0	47680.0	0.441	348.7	-2.9	0.62	1.299	105.2	0.719	3.277	323.3	556.7	0.920	5.634	-1.58	0.297	56.4	168.7	-0.8	0.273
		9.35	7.68	17.03	TWO	6.092	121.2	2.6	132.4										
46180.0	47680.0	0.385	347.5	-2.8	0.72	1.298	101.1	0.707	3.285	333.2	556.8	0.961	5.608	-1.73	0.298	57.6	168.8	-1.0	0.266
		8.12	7.61	15.72	TWO	6.092	121.2	2.6	132.3										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46190.0	47680.0	0.342	344.0	-3.2	0.89	1.296	97.0	0.699	3.290	342.9	556.9	0.990	5.590	-1.95	0.299	58.5	168.9	-1.3	0.261
		7.21	7.56	14.77	TWO	6.092	121.2	2.6	132.2										
46200.0	47680.0	0.315	338.1	-3.8	1.21	1.294	93.0	0.694	3.293	352.6	556.9	1.007	5.578	-2.31	0.300	59.1	169.0	-1.7	0.259
		6.68	7.53	14.21	TWO	6.092	121.2	2.6	132.1										
46210.0	47680.0	0.308	330.2	-3.3	1.97	1.293	89.1	0.692	3.292	2.2	196.8	1.0130	5.572	-3.12	0.300	59.3	169.0	-2.5	0.258
		6.54	7.52	14.07	TWO	6.092	121.2	2.6	131.9										
46220.0	47680.0	0.336	319.0	7.4	5.65	1.291	85.2	0.694	3.289	11.7	196.7	1.0060	5.571	-6.83	0.299	59.2	169.1	-6.2	0.261
		7.09	7.55	14.65	TWO	6.092	121.2	2.6	131.3										
46230.0	47680.0	0.368	329.2	-36.5	-6.33	1.290	81.3	0.699	3.282	21.2	196.6	0.9870	5.576	5.10	0.298	58.8	169.7	5.5	0.262
		7.76	7.56	15.32	ONE	6.092	121.2	2.6	131.5										
46240.0	47680.0	0.393	320.8	-22.3	-2.06	1.289	77.4	0.707	3.271	30.5	196.5	0.9580	5.585	0.79	0.296	58.1	169.5	1.3	0.264
		8.27	7.58	15.86	ONE	6.092	121.2	2.6	131.7										
46250.0	47680.0	0.445	319.2	-19.4	-1.25	1.288	73.5	0.718	3.258	39.8	196.2	0.9180	5.598	-0.06	0.294	57.1	169.6	0.5	0.269
		9.44	7.64	17.08	ONE	6.092	121.2	2.6	131.6										
46260.0	47680.0	0.505	320.0	-17.9	-0.91	1.288	69.5	0.732	3.241	49.0	195.9	0.8690	5.614	-0.44	0.292	55.9	169.8	0.2	0.276
		10.86	7.72	18.58	ONE	6.092	121.2	2.6	131.4										
46270.0	47680.0	0.571	322.3	-16.4	-0.74	1.288	65.5	0.749	3.222	58.2	195.5	0.8100	5.633	-0.66	0.288	54.3	170.0	-0.0	0.285
		12.48	7.81	20.29	ONE	6.092	121.2	2.6	131.2										
46280.0	47680.0	0.641	325.6	-15.0	-0.63	1.288	61.4	0.767	3.200	67.2	195.0	0.7450	5.655	-0.82	0.285	52.5	170.3	-0.1	0.294
		14.26	7.92	22.18	ONE	6.092	121.2	2.6	130.8										

ARRIVAL DATE = 2447700.0

46150.0	47700.0	0.591	347.3	-4.4	0.48	1.304	114.7	0.757	3.270	301.7	556.5	0.793	5.746	-1.35	0.295	51.8	169.8	-0.5	0.296
		12.97	7.93	20.91	TWO	6.089	122.9	2.6	133.1										
46160.0	47700.0	0.517	349.3	-3.3	0.51	1.302	110.2	0.738	3.281	311.9	556.8	0.859	5.704	-1.44	0.297	53.9	169.8	-0.7	0.285
		11.14	7.81	18.95	TWO	6.089	122.9	2.6	133.1										
46170.0	47700.0	0.450	350.1	-2.6	0.56	1.300	105.9	0.722	3.291	321.9	557.0	0.913	5.669	-1.54	0.299	55.6	169.8	-0.8	0.276
		9.57	7.71	17.28	TWO	6.089	122.9	2.6	133.0										
46180.0	47700.0	0.393	349.1	-2.4	0.65	1.298	101.7	0.710	3.299	331.7	557.1	0.956	5.643	-1.68	0.300	56.9	169.9	-1.0	0.269
		8.29	7.64	15.92	TWO	6.089	122.9	2.6	132.9										
46190.0	47700.0	0.348	346.0	-2.8	0.79	1.296	97.6	0.701	3.305	341.5	557.2	0.987	5.623	-1.86	0.301	57.9	170.0	-1.3	0.264
		7.33	7.58	14.92	TWO	6.089	122.9	2.6	132.8										
46200.0	47700.0	0.318	340.5	-3.6	1.05	1.295	93.6	0.696	3.308	351.2	557.2	1.006	5.610	-2.17	0.301	58.4	170.1	-1.6	0.261
		6.74	7.55	14.29	TWO	6.089	122.9	2.6	132.7										
46210.0	47700.0	0.308	333.0	-3.8	1.64	1.293	89.7	0.694	3.308	0.8	197.2	1.0130	5.603	-2.79	0.301	58.7	170.1	-2.2	0.260
		6.54	7.54	14.08	TWO	6.089	122.9	2.6	132.6										
46220.0	47700.0	0.324	323.3	2.1	3.91	1.292	85.8	0.695	3.305	10.3	197.1	1.0080	5.602	-5.10	0.301	58.7	170.2	-4.5	0.261
		6.86	7.56	14.42	TWO	6.089	122.9	2.6	132.3										
46230.0	47700.0	0.389	335.8	-45.5	-9.48	1.291	81.9	0.700	3.298	19.8	197.0	0.9910	5.606	8.25	0.300	58.3	171.2	8.4	0.266
		8.21	7.61	15.82	ONE	6.089	122.9	2.6	131.6										
46240.0	47700.0	0.387	322.6	-22.2	-2.17	1.290	78.0	0.707	3.289	29.1	196.8	0.9630	5.614	0.90	0.298	57.7	170.6	1.4	0.265
		8.15	7.60	15.75	ONE	6.089	122.9	2.6	132.4										
46250.0	47700.0	0.437	320.6	-19.1	-1.24	1.289	74.1	0.718	3.276	38.4	196.6	0.9250	5.627	-0.06	0.296	56.7	170.7	0.4	0.271
		9.27	7.65	16.93	ONE	6.089	122.9	2.6	132.3										
46260.0	47700.0	0.497	321.2	-17.5	-0.89	1.289	70.1	0.731	3.260	47.7	196.3	0.8760	5.643	-0.46	0.294	55.5	170.9	0.1	0.277
		10.66	7.73	18.39	ONE	6.089	122.9	2.6	132.0										
46270.0	47700.0	0.562	323.3	-16.1	-0.71	1.288	66.1	0.747	3.241	56.8	195.9	0.8190	5.662	-0.69	0.291	54.0	171.1	-0.1	0.285
		12.25	7.82	20.07	ONE	6.089	122.9	2.6	131.8										
46280.0	47700.0	0.632	326.4	-14.6	-0.60	1.289	62.0	0.766	3.219	65.9	195.4	0.7550	5.684	-0.84	0.287	52.2	171.4	-0.2	0.295
		14.01	7.93	21.94	ONE	6.089	122.9	2.6	131.4										

ARRIVAL DATE = 2447720.0

46150.0	47720.0	0.603	348.3	-4.1	0.44	1.304	115.5	0.762	3.285	300.2	556.7	0.783	5.786	-1.34	0.297	51.0	171.0	-0.5	0.300
		13.29	7.98	21.26	TWO	6.007	124.7	2.5	133.6										
46160.0	47720.0	0.528	350.4	-3.0	0.46	1.302	110.9	0.742	3.296	310.4	557.1	0.850	5.742	-1.42	0.299	53.1	171.0	-0.7	0.288
		11.41	7.85	19.26	TWO	6.007	124.7	2.5	133.6										
46170.0	47720.0	0.460	351.4	-2.2	0.51	1.300	106.5	0.726	3.306	320.4	557.3	0.906	5.706	-1.51	0.300	54.9	171.0	-0.9	0.279
		9.79	7.74	17.54	TWO	6.007	124.7	2.5	133.6										
46180.0	47720.0	0.401	350.7	-2.0	0.58	1.299	102.3	0.713	3.314	330.3	557.4	0.951	5.678	-1.63	0.301	56.2	171.0	-1.0	0.272
		8.47	7.67	16.13	TWO	6.007	124.7	2.5	133.5										
46190.0	47720.0	0.354	347.9	-2.4	0.70	1.297	98.2	0.704	3.320	340.1	557.5	0.984	5.657	-1.79	0.302	57.2	171.1	-1.2	0.267
		7.46	7.61	15.07	TWO	6.007	124.7	2.5	133.4										
46200.0	47720.0	0.322	342.8	-3.4	0.91	1.295	94.2	0.698	3.323	349.8	557.5	1.004	5.643	-2.04	0.303	57.9	171.2	-1.5	0.263
		6.81	7.58	14.39	TWO	6.007	124.7	2.5	133.3										
46210.0	47720.0	0.308	335.6	-4.0	1.37	1.296	90.2	0.695	3.324	359.4	557.5	1.013	5.635	-2.53	0.303	58.2	171.2	-2.0	0.262
		6.55	7.56	14.11	TWO	6.007	124.7	2.5	133.2										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46220.0	47720.0	0.318 6.74	326.8 7.57	-0.9 14.31	2.87 TWO	1.292 6.007	86.3 124.7	0.696 2.5	3.321 133.0	8.9	197.5	1.009D	5.633	-4.07	0.302	58.1	171.3	-3.5	0.263
46230.0	47720.0	0.550 11.95	5.9 7.88	-71.3 19.83	-22.28 ONE	1.291 6.007	82.4 124.7	0.700 2.5	3.315 128.3	18.5	197.3	0.994D	5.636	21.04	0.301	57.8	174.9	18.7	0.291
46240.0	47720.0	0.381 8.02	324.5 7.62	-22.3 15.64	-2.32 ONE	1.290 6.007	78.5 124.7	0.707 2.5	3.306 133.0	27.8	197.2	0.968D	5.644	1.04	0.300	57.2	171.7	1.4	0.267
46250.0	47720.0	0.430 9.10	322.0 7.67	-18.7 16.77	-1.24 ONE	1.290 6.007	74.6 124.7	0.717 2.5	3.294 132.9	37.1	196.9	0.931D	5.656	-0.07	0.298	56.3	171.8	0.4	0.272
46260.0	47720.0	0.489 10.46	322.3 7.74	-17.1 18.20	-0.86 ONE	1.289 6.007	70.7 124.7	0.730 2.5	3.278 132.7	46.3	196.6	0.884D	5.672	-0.49	0.296	55.2	172.0	0.0	0.278
46270.0	47720.0	0.553 12.03	324.2 7.83	-15.8 19.86	-0.67 ONE	1.289 6.007	66.7 124.7	0.746 2.5	3.260 132.4	55.4	196.2	0.828D	5.691	-0.71	0.293	53.7	172.2	-0.2	0.286
46280.0	47720.0	0.622 13.77	327.3 7.93	-14.3 21.70	-0.57 ONE	1.289 6.007	62.6 124.7	0.764 2.5	3.239 132.1	64.5	195.7	0.765D	5.713	-0.86	0.289	52.0	172.6	-0.3	0.296

ARRIVAL DATE = 2447740.0

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46150.0	47740.0	0.616 13.61	349.2 8.02	-3.8 21.63	0.46 TWO	1.305 5.853	116.2 126.4	0.766 2.5	3.299 134.1	298.6	556.9	0.772	5.826	-1.33	0.298	50.1	172.3	-0.6	0.303
46160.0	47740.0	0.539 11.69	351.5 7.89	-2.6 19.58	0.42 TWO	1.303 5.853	111.6 126.4	0.746 2.5	3.311 134.1	308.9	557.3	0.841	5.780	-1.40	0.300	52.4	172.2	-0.7	0.292
46170.0	47740.0	0.476 10.03	352.7 7.78	-1.8 17.81	0.45 TWO	1.301 5.853	107.2 126.4	0.729 2.5	3.321 134.1	318.9	557.6	0.899	5.743	-1.48	0.301	54.2	172.2	-0.9	0.282
46180.0	47740.0	0.410 8.65	352.3 7.70	-1.6 16.35	0.52 TWO	1.299 5.853	102.9 126.4	0.716 2.5	3.329 134.1	328.9	557.7	0.946	5.713	-1.59	0.303	55.6	172.2	-1.0	0.275
46190.0	47740.0	0.360 7.59	349.8 7.64	-2.0 15.23	0.61 TWO	1.297 5.853	98.8 126.4	0.706 2.5	3.335 134.0	338.7	557.8	0.980	5.691	-1.72	0.304	56.6	172.3	-1.2	0.269
46200.0	47740.0	0.326 6.89	345.0 7.60	-3.0 14.49	0.79 TWO	1.296 5.853	94.8 126.4	0.700 2.5	3.339 133.9	348.4	557.9	1.002	5.676	-1.93	0.304	57.3	172.3	-1.5	0.266
46210.0	47740.0	0.309 6.57	338.2 7.58	-4.0 14.15	1.14 TWO	1.294 5.853	90.8 126.4	0.697 2.5	3.340 133.8	358.0	557.8	1.013	5.667	-2.32	0.304	57.6	172.4	-1.9	0.264
46220.0	47740.0	0.315 6.67	330.0 7.59	-2.7 14.26	2.18 TWO	1.293 5.853	86.9 126.4	0.697 2.5	3.337 133.7	7.5	197.8	1.011D	5.664	-3.39	0.304	57.6	172.4	-2.9	0.264
46240.0	47740.0	0.376 7.91	326.6 7.63	-22.5 15.54	-2.52 ONE	1.291 5.853	79.1 126.4	0.707 2.5	3.323 133.6	26.4	197.5	0.973D	5.674	1.24	0.302	56.8	172.8	1.6	0.268
46250.0	47740.0	0.423 8.94	323.5 7.68	-18.3 16.62	-1.23 ONE	1.290 5.853	75.2 126.4	0.717 2.5	3.312 133.5	35.7	197.3	0.937D	5.686	-0.08	0.300	56.0	172.9	0.3	0.273
46260.0	47740.0	0.481 10.27	323.5 7.75	-16.7 18.02	-0.83 ONE	1.290 5.853	71.2 126.4	0.730 2.5	3.297 133.3	44.9	197.0	0.891D	5.702	-0.51	0.298	54.8	173.1	-0.1	0.279
46270.0	47740.0	0.544 11.81	325.2 7.83	-15.4 19.65	-0.64 ONE	1.290 5.853	67.2 126.4	0.745 2.5	3.279 133.0	54.0	196.6	0.837D	5.721	-0.74	0.295	53.4	173.4	-0.3	0.287
46280.0	47740.0	0.613 13.52	328.1 7.94	-14.0 21.46	-0.53 ONE	1.290 5.853	63.2 126.4	0.762 2.5	3.258 132.6	63.1	196.1	0.774D	5.742	-0.88	0.292	51.7	173.7	-0.3	0.296

ARRIVAL DATE = 2447760.0

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46150.0	47760.0	0.629 13.94	350.2 8.07	-3.5 22.00	0.36 TWO	1.305 5.633	116.9 128.1	0.770 2.4	3.314 134.5	297.1	557.1	0.761	5.867	-1.32	0.300	49.3	173.5	-0.6	0.307
46160.0	47760.0	0.551 11.98	352.6 7.93	-2.3 19.90	0.37 TWO	1.303 5.633	112.3 128.1	0.750 2.4	3.326 134.6	307.4	557.5	0.832	5.819	-1.38	0.301	51.6	173.4	-0.8	0.295
46170.0	47760.0	0.481 10.27	354.0 7.81	-1.5 18.09	0.40 TWO	1.301 5.633	107.8 128.1	0.733 2.4	3.336 134.6	317.5	557.8	0.892	5.780	-1.46	0.303	53.5	173.4	-0.9	0.285
46180.0	47760.0	0.419 8.85	353.8 7.73	-1.2 16.58	0.45 TWO	1.300 5.633	103.6 128.1	0.719 2.4	3.344 134.6	327.4	558.0	0.940	5.749	-1.55	0.304	54.9	173.4	-1.0	0.278
46190.0	47760.0	0.367 7.74	351.7 7.67	-1.6 15.40	0.54 TWO	1.298 5.633	99.4 128.1	0.709 2.4	3.351 134.6	337.3	558.1	0.976	5.725	-1.66	0.305	56.0	173.4	-1.2	0.272
46200.0	47760.0	0.330 6.98	347.2 7.63	-2.6 14.60	0.68 TWO	1.296 5.633	95.4 128.1	0.702 2.4	3.354 134.5	347.0	558.2	1.000	5.709	-1.84	0.306	56.7	173.5	-1.4	0.268
46210.0	47760.0	0.311 6.60	340.7 7.61	-3.9 14.20	0.95 TWO	1.295 5.633	91.4 128.1	0.698 2.4	3.356 134.4	356.6	558.2	1.012	5.699	-2.14	0.306	57.1	173.5	-1.7	0.266
46220.0	47760.0	0.312 6.63	332.9 7.61	-3.7 14.23	1.69 TWO	1.294 5.633	87.5 128.1	0.698 2.4	3.354 134.3	6.1	198.1	1.012D	5.695	-2.91	0.305	57.2	173.6	-2.5	0.266
46230.0	47760.0	0.368 7.75	318.3 7.68	15.6 15.43	8.27 TWO	1.292 5.633	83.6 128.1	0.701 2.4	3.349 133.1	15.6	198.0	1.000D	5.697	-9.52	0.305	56.9	173.8	-8.6	0.273
46240.0	47760.0	0.371 7.81	328.7 7.65	-23.0 15.46	-2.82 ONE	1.292 5.633	79.7 128.1	0.708 2.4	3.341 134.2	25.0	197.9	0.977D	5.704	1.54	0.303	56.4	174.0	1.8	0.270
46250.0	47760.0	0.416 8.79	325.0 7.69	-17.9 16.48	-1.22 ONE	1.291 5.633	75.8 126.1	0.717 2.4	3.329 134.0	34.3	197.6	0.943D	5.716	-0.08	0.302	55.6	174.1	0.2	0.274

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46260.0	47760.0	0.472	324.7	-16.3	-0.79	1.291	71.8	0.729	3.315	43.5	197.3	0.899D	5.731	-0.55	0.300	54.5	174.2	-0.2	0.280
		10.68	7.76	17.84	ONE	5.633	128.1	2.4	133.8										
46270.0	47760.0	0.536	326.2	-15.0	-0.60	1.291	67.8	0.744	3.298	52.7	196.9	0.845D	5.750	-0.77	0.297	53.1	174.5	-0.3	0.288
		11.59	7.84	19.44	ONE	5.633	128.1	2.4	133.6										
46280.0	47760.0	0.603	329.0	-13.6	-0.49	1.291	63.8	0.761	3.278	61.7	196.4	0.784D	5.772	-0.91	0.294	51.5	174.9	-0.4	0.297
		13.28	7.94	21.23	ONE	5.633	128.1	2.4	133.2										
ARRIVAL DATE = 2447780.0																			
46150.0	47780.0	0.642	351.1	-3.2	0.32	1.306	117.7	0.775	3.329	295.5	557.3	0.749	5.909	-1.31	0.301	48.5	174.8	-0.7	0.311
		14.27	8.11	22.38	TWO	5.364	129.9	2.4	134.9										
46160.0	47780.0	0.563	353.7	-2.0	0.33	1.304	113.0	0.754	3.340	305.8	557.7	0.822	5.859	-1.37	0.303	50.9	174.7	-0.8	0.299
		12.27	7.97	20.23	TWO	5.364	129.9	2.4	135.0										
46170.0	47780.0	0.491	355.7	-1.1	0.35	1.302	108.5	0.736	3.351	316.0	558.0	0.884	5.818	-1.43	0.304	52.8	174.6	-0.9	0.288
		10.52	7.85	18.37	TWO	5.364	129.9	2.4	135.1										
46180.0	47780.0	0.428	355.3	-0.8	0.40	1.300	104.2	0.722	3.359	326.0	558.3	0.934	5.785	-1.51	0.305	54.3	174.6	-1.0	0.280
		9.05	7.76	16.81	TWO	5.364	129.9	2.4	135.1										
46190.0	47780.0	0.375	353.5	-1.1	0.46	1.298	100.0	0.711	3.366	335.8	558.4	0.972	5.760	-1.61	0.306	55.4	174.6	-1.2	0.274
		7.89	7.70	15.58	TWO	5.364	129.9	2.4	135.1										
46200.0	47780.0	0.335	349.4	-2.2	0.58	1.297	96.0	0.704	3.370	345.6	558.5	0.998	5.742	-1.75	0.307	56.1	174.7	-1.4	0.270
		7.07	7.65	14.73	TWO	5.364	129.9	2.4	135.0										
46210.0	47780.0	0.313	343.2	-3.6	0.79	1.295	92.0	0.700	3.372	355.2	558.5	1.011	5.732	-1.99	0.307	56.6	174.7	-1.6	0.268
		6.64	7.63	14.27	TWO	5.364	129.9	2.4	135.0										
46220.0	47780.0	0.311	335.6	-4.2	1.32	1.294	88.0	0.699	3.370	4.7	198.4	1.013D	5.727	-2.55	0.307	56.7	174.8	-2.2	0.268
		6.60	7.62	14.23	TWO	5.364	129.9	2.4	134.9										
46230.0	47780.0	0.338	325.5	3.9	4.33	1.293	84.2	0.702	3.366	14.2	198.3	1.003D	5.728	-5.59	0.306	56.5	174.8	-5.0	0.270
		7.13	7.65	14.79	TWO	5.364	129.9	2.4	134.5										
46240.0	47780.0	0.367	331.2	-24.1	-3.31	1.292	80.2	0.708	3.358	23.6	198.2	0.981D	5.735	2.03	0.305	56.0	175.2	2.2	0.271
		7.73	7.66	15.40	ONE	5.364	129.9	2.4	134.7										
46250.0	47780.0	0.409	326.5	-17.4	-1.21	1.292	76.3	0.717	3.347	32.9	198.0	0.949D	5.746	-0.09	0.304	55.2	175.2	0.2	0.275
		8.63	7.71	16.34	ONE	5.364	129.9	2.4	134.6										
46260.0	47780.0	0.464	325.9	-15.8	-0.75	1.291	72.4	0.728	3.333	42.1	197.6	0.906D	5.761	-0.58	0.302	54.2	175.4	-0.3	0.281
		9.89	7.77	17.66	ONE	5.364	129.9	2.4	134.4										
46270.0	47780.0	0.527	327.2	-14.6	-0.56	1.291	68.4	0.743	3.317	51.3	197.2	0.854D	5.780	-0.80	0.299	52.9	175.7	-0.4	0.288
		11.38	7.85	19.23	ONE	5.364	129.9	2.4	134.1										
46280.0	47780.0	0.594	329.9	-13.2	-0.45	1.291	64.4	0.759	3.297	60.3	196.8	0.794D	5.801	-0.94	0.296	51.3	176.0	-0.5	0.297
		13.05	7.95	21.00	ONE	5.364	129.9	2.4	133.8										
ARRIVAL DATE = 2447800.0																			
46160.0	47800.0	0.575	354.7	-1.6	0.29	1.304	113.7	0.758	3.355	304.3	557.9	0.812	5.899	-1.36	0.304	50.1	176.0	-0.8	0.302
		12.57	8.01	20.58	TWO	5.064	131.6	2.3	135.5										
46170.0	47800.0	0.502	356.4	-0.7	0.31	1.303	109.2	0.740	3.366	314.5	558.2	0.875	5.856	-1.41	0.305	52.1	175.9	-0.9	0.292
		10.78	7.89	18.66	TWO	5.064	131.6	2.3	135.6										
46180.0	47800.0	0.437	356.7	-0.4	0.34	1.301	104.8	0.725	3.374	324.5	558.5	0.927	5.822	-1.48	0.307	53.6	175.9	-1.1	0.283
		9.26	7.79	17.05	TWO	5.064	131.6	2.3	135.6										
46190.0	47800.0	0.382	355.2	-0.6	0.39	1.299	100.6	0.714	3.381	334.4	558.7	0.967	5.795	-1.56	0.308	54.8	175.8	-1.2	0.277
		8.05	7.72	15.77	TWO	5.064	131.6	2.3	135.6										
46200.0	47800.0	0.340	351.5	-1.7	0.48	1.297	96.6	0.706	3.386	344.1	558.7	0.995	5.776	-1.67	0.308	55.6	175.9	-1.3	0.273
		7.18	7.68	14.86	TWO	5.064	131.6	2.3	135.6										
46210.0	47800.0	0.315	345.6	-3.3	0.65	1.296	92.6	0.702	3.387	353.8	558.8	1.010	5.765	-1.86	0.309	56.1	175.9	-1.5	0.270
		6.69	7.65	14.34	TWO	5.064	131.6	2.3	135.5										
46220.0	47800.0	0.310	338.3	-4.5	1.03	1.295	88.6	0.701	3.386	3.3	198.7	1.014D	5.759	-2.27	0.308	56.2	175.9	-1.9	0.269
		6.59	7.64	14.23	TWO	5.064	131.6	2.3	135.4										
46230.0	47800.0	0.328	329.8	-1.0	2.69	1.294	84.7	0.703	3.382	12.8	198.7	1.005D	5.760	-3.96	0.308	56.1	176.0	-3.5	0.271
		6.94	7.66	14.60	TWO	5.064	131.6	2.3	135.2										
46240.0	47800.0	0.366	334.4	-26.7	-4.25	1.293	80.8	0.708	3.375	22.2	198.5	0.985D	5.765	2.96	0.307	55.6	176.4	2.9	0.273
		7.70	7.68	15.39	ONE	5.064	131.6	2.3	135.2										
46250.0	47800.0	0.402	328.0	-16.9	-1.20	1.292	76.9	0.716	3.365	31.5	198.3	0.954D	5.776	-0.11	0.305	54.9	176.4	0.1	0.277
		8.48	7.72	16.20	ONE	5.064	131.6	2.3	135.1										
46260.0	47800.0	0.457	327.1	-15.3	-0.71	1.292	73.0	0.728	3.352	40.7	198.0	0.913D	5.791	-0.62	0.303	53.9	176.6	-0.4	0.282
		9.71	7.78	17.49	ONE	5.064	131.6	2.3	134.9										
46270.0	47800.0	0.518	328.3	-14.1	-0.51	1.292	69.0	0.742	3.336	49.9	197.6	0.862D	5.809	-0.84	0.301	52.6	176.9	-0.5	0.289
		11.17	7.86	19.03	ONE	5.064	131.6	2.3	134.6										
46280.0	47800.0	0.585	330.7	-12.8	-0.41	1.292	65.0	0.758	3.317	59.0	197.1	0.803D	5.831	-0.97	0.298	51.1	177.2	-0.6	0.298
		12.81	7.96	20.77	ONE	5.064	131.6	2.3	134.3										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
									ARRIVAL DATE = 2446960.0										
46530.0	46960.0	0.606 13.36	359.8 11.71	-28.9 25.07	-11.81 ONE	1.385 5.401	108.8 56.3	0.929 2.6	12.638 22.4	320.9	494.5	0.894	24.382A	11.67	0.570	152.3	214.9	3.9	0.546
46540.0	46960.0	0.525 11.34	353.2 11.86	-16.1 23.20	-4.71 ONE	1.390 5.401	105.4 56.3	0.944 2.6	16.700 20.1	328.3	492.2	0.932	32.468A	4.46	0.587	152.4	216.4	0.4	0.554
46550.0	46960.0	0.481 10.29	351.9 12.05	-12.8 22.34	-3.00 ONE	1.394 5.401	101.8 56.3	0.959 2.6	23.593 19.0	336.0	490.1	0.964	46.222A	2.64	0.601	152.5	217.4	-0.6	0.564
46560.0	46960.0	0.447 9.49	349.8 12.23	-12.0 21.73	-2.25 ONE	1.398 5.401	97.9 56.3	0.973 2.6	37.037 18.1	344.0	488.5	0.990	73.084A	1.77	0.614	152.6	218.3	-1.0	0.574
46570.0	46960.0	0.425 8.98	346.0 12.39	-12.6 21.37	-1.84 ONE	1.401 5.401	93.8 56.3	0.986 2.6	71.217 17.5	352.3	487.2	1.007	141.427A	1.24	0.624	152.8	218.9	-1.3	0.582
46580.0	46960.0	0.418 8.84	340.6 12.54	-14.0 21.37	-1.60 ONE	1.403 5.401	89.4 56.3	0.996 2.6	265.942 17.1	1.2	126.4	1.0140	530.871A	0.86	0.633	153.0	219.3	-1.5	0.590
46590.0	46960.0	0.433 9.16	334.4 12.66	-15.6 21.82	-1.45 ONE	1.405 5.401	84.7 56.3	1.004 2.6	******** 16.9	10.5	126.2	1.007D	NA	0.57	0.638	153.3	219.4	-1.7	0.597
46600.0	46960.0	0.470 10.02	328.6 12.78	-17.0 22.80	-1.36 ONE	1.406 5.401	79.7 56.3	1.008 2.6	******** 17.0	20.4	126.6	0.984D	NA	0.32	0.642	153.8	219.3	-1.8	0.603
46610.0	46960.0	0.529 11.44	324.2 12.90	-17.8 24.34	-1.31 ONE	1.406 5.401	74.4 56.3	1.010 2.6	-96.853 17.4	31.1	127.7	0.943D	NA	0.09	0.644	154.4	218.9	-1.9	0.609
46620.0	46960.0	0.608 13.40	321.5 13.03	-18.1 26.43	-1.31 ONE	1.406 5.401	68.7 56.3	1.009 2.6	-99.216 18.1	42.4	129.5	0.883D	NA	-0.13	0.643	155.3	218.2	-2.0	0.615
									ARRIVAL DATE = 2446980.0										
46510.0	46980.0	0.635 14.10	335.8 10.59	0.3 24.69	4.91 TWO	1.361 5.122	114.6 58.2	0.874 2.6	6.456 26.3	307.0	502.4	0.811	12.102A	-4.84	0.499	150.1	211.9	-4.1	0.482
46520.0	46980.0	0.640 14.23	334.9 10.90	19.4 25.13	13.49 TWO	1.366 5.122	111.4 58.2	0.884 2.6	7.359 26.0	314.1	499.7	0.857	13.862A	-13.54	0.518	150.3	212.7	-8.6	0.500
46530.0	46980.0	0.627 13.89	6.8 11.15	-36.9 25.04	-16.43 ONE	1.371 5.122	108.0 58.2	0.894 2.6	8.481 25.3	321.8	497.2	0.900	16.061A	16.28	0.535	150.5	214.5	6.5	0.514
46540.0	46980.0	0.585 10.85	353.3 11.19	-18.2 22.04	-5.29 ONE	1.375 5.122	104.6 58.2	0.905 2.6	9.871 24.9	329.2	494.9	0.937	18.805A	5.02	0.550	150.6	216.5	0.8	0.516
46550.0	46980.0	0.459 9.76	351.2 11.35	-14.1 21.12	-3.20 ONE	1.378 5.122	101.0 58.2	0.916 2.6	11.575 20.7	337.0	493.0	0.969	22.182A	2.82	0.564	150.8	217.5	-0.4	0.525
46560.0	46980.0	0.426 9.01	348.6 11.49	-13.1 20.53	-2.35 ONE	1.381 5.122	97.2 58.2	0.927 2.6	13.608 19.9	345.1	491.4	0.993	26.223A	1.85	0.575	150.9	218.4	-0.9	0.534
46570.0	46980.0	0.404 8.53	344.4 11.63	-13.7 20.16	-1.90 ONE	1.383 5.122	93.1 58.2	0.937 2.6	15.905 19.2	353.6	490.3	1.009	30.801A	1.28	0.584	151.1	219.0	-1.3	0.541
46580.0	46980.0	0.400 8.44	338.6 11.74	-15.1 20.18	-1.68 ONE	1.385 5.122	88.8 58.2	0.944 2.6	18.254 18.9	2.5	129.6	1.013D	35.496A	0.88	0.591	151.3	219.3	-1.5	0.548
46590.0	46980.0	0.417 8.81	332.2 11.85	-16.6 20.66	-1.47 ONE	1.386 5.122	84.2 58.2	0.950 2.6	20.268 18.7	12.0	129.5	1.004D	39.531A	0.57	0.596	151.7	219.4	-1.7	0.553
46600.0	46980.0	0.456 9.70	326.4 11.94	-17.8 21.64	-1.37 ONE	1.386 5.122	79.3 58.2	0.954 2.6	21.478 18.9	22.0	130.0	0.980D	41.976A	0.32	0.598	152.1	219.2	-1.8	0.558
46610.0	46980.0	0.516 11.13	322.2 12.03	-18.5 23.16	-1.32 ONE	1.386 5.122	74.0 58.2	0.957 2.6	21.601 19.4	32.7	131.1	0.938D	42.263A	0.09	0.598	152.8	218.8	-1.9	0.563
46620.0	46980.0	0.595 13.07	319.9 12.14	-18.6 25.21	-1.30 ONE	1.385 5.122	68.4 58.2	0.958 2.6	20.742 20.1	44.1	133.0	0.876D	40.608A	-0.13	0.596	153.7	218.0	-1.9	0.569
									ARRIVAL DATE = 2447000.0										
46510.0	47000.0	0.616 13.60	335.8 10.09	-0.6 23.69	4.39 TWO	1.351 4.819	113.9 60.0	0.850 2.7	5.454 28.2	307.6	504.8	0.817	10.091A	-4.33	0.470	148.1	211.7	-4.0	0.451
46520.0	47000.0	0.598 13.14	335.7 10.32	13.5 23.47	10.15 TWO	1.355 4.819	110.7 60.0	0.856 2.7	6.004 27.3	314.8	502.2	0.863	11.145A	-10.21	0.487	148.4	213.0	-7.3	0.466
46540.0	47000.0	0.489 10.47	353.8 10.61	-20.7 21.08	-6.03 ONE	1.362 4.819	103.9 60.0	0.872 2.7	7.334 23.9	330.1	497.6	0.942	13.727A	5.75	0.517	148.8	216.4	1.4	0.483
46550.0	47000.0	0.441 9.35	350.7 10.73	-15.5 20.09	-3.44 ONE	1.365 4.819	100.3 60.0	0.880 2.7	8.095 22.6	337.9	495.8	0.973	15.218A	3.04	0.530	149.0	217.5	-0.2	0.490
46560.0	47000.0	0.408 8.60	347.5 10.86	-14.3 19.46	-2.46 ONE	1.367 4.819	96.5 60.0	0.888 2.7	8.880 21.7	346.2	494.3	0.996	16.763A	1.95	0.540	149.1	218.4	-0.8	0.498
46570.0	47000.0	0.388 8.17	342.8 10.97	-14.8 19.14	-1.96 ONE	1.368 4.819	92.5 60.0	0.895 2.7	9.627 21.1	354.7	493.3	1.010	18.245A	1.32	0.548	149.3	219.0	-1.2	0.504
46580.0	47000.0	0.385 8.12	336.7 11.06	-16.1 19.18	-1.67 ONE	1.370 4.819	88.2 60.0	0.901 2.7	10.258 20.7	3.8	132.7	1.013D	19.503A	0.90	0.554	149.6	219.3	-1.4	0.509
46590.0	47000.0	0.404 8.53	330.1 11.15	-17.5 19.68	-1.49 ONE	1.370 4.819	83.7 60.0	0.906 2.7	10.685 20.6	13.3	132.7	1.002D	20.367A	0.58	0.557	149.9	219.4	-1.6	0.514

1986
EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46600.0	47000.0	0.445	324.5	-18.6	-1.38	1.370	78.8	0.910	10.846	23.4	133.2	0.9760	20.717A	0.32	0.558	150.4	219.1	-1.8	0.518
		9.45	11.22	20.67	ONE	4.819	60.0	2.7	20.9										
46610.0	47000.0	0.506	320.5	-19.0	-1.32	1.369	73.7	0.913	10.731	34.2	134.5	0.9330	20.530A	0.09	0.557	151.1	218.6	-1.9	0.523
		10.88	11.30	22.18	ONE	4.819	60.0	2.7	21.4										
46620.0	47000.0	0.584	318.4	-19.0	-1.30	1.368	68.2	0.916	10.387	45.6	136.4	0.8700	19.904A	-0.13	0.555	151.9	217.8	-1.9	0.528
		12.80	11.39	24.19	ONE	4.819	60.0	2.7	22.2										
ARRIVAL DATE = 2447020.0																			
46500.0	47020.0	0.644	332.4	-6.1	2.67	1.338	116.5	0.827	4.478	300.7	509.7	0.773	8.182A	-2.52	0.425	145.6	209.5	-3.0	0.413
		14.34	9.49	23.83	TWO	4.520	61.8	2.7	32.3										
46510.0	47020.0	0.599	335.7	-1.4	3.96	1.342	113.4	0.829	4.816	308.0	507.1	0.823	8.810A	-3.93	0.443	146.0	211.5	-3.9	0.424
		13.18	9.66	22.83	TWO	4.520	61.8	2.7	30.3										
46520.0	47020.0	0.570	336.2	9.7	8.12	1.345	110.2	0.833	5.190	315.4	504.6	0.868	9.512A	-8.20	0.460	146.3	212.9	-6.5	0.436
		12.44	9.84	22.28	TWO	4.520	61.8	2.7	29.0										
46540.0	47020.0	0.478	354.7	-23.8	-7.03	1.351	103.3	0.843	6.020	330.9	500.2	0.946	11.094A	6.72	0.488	146.8	216.3	2.1	0.452
		10.21	10.11	20.32	ONE	4.520	61.8	2.7	26.0										
46550.0	47020.0	0.425	350.2	-17.0	-3.72	1.353	99.7	0.849	6.451	338.8	498.5	0.976	11.927A	3.31	0.499	147.1	217.5	0.1	0.458
		9.00	10.20	19.20	ONE	4.520	61.8	2.7	24.5										
46560.0	47020.0	0.392	346.5	-15.5	-2.58	1.355	95.9	0.855	6.863	347.1	497.1	0.998	12.728A	2.05	0.508	147.3	218.3	-0.7	0.465
		8.27	10.31	18.57	ONE	4.520	61.8	2.7	23.6										
46570.0	47020.0	0.374	341.4	-15.8	-2.03	1.356	91.9	0.860	7.222	355.8	496.2	1.011	13.434A	1.37	0.515	147.5	218.9	-1.1	0.470
		7.87	10.40	18.27	ONE	4.520	61.8	2.7	23.0										
46580.0	47020.0	0.373	334.9	-17.1	-1.71	1.356	87.7	0.865	7.495	4.9	135.7	1.0120	13.978A	0.93	0.520	147.8	219.2	-1.4	0.475
		7.86	10.48	18.33	ONE	4.520	61.8	2.7	22.7										
46590.0	47020.0	0.394	328.3	-18.3	-1.51	1.356	83.2	0.869	7.650	14.5	135.7	1.0000	14.301A	0.60	0.523	148.1	219.2	-1.6	0.479
		8.30	10.54	18.85	ONE	4.520	61.8	2.7	22.6										
46600.0	47020.0	0.436	322.7	-19.2	-1.39	1.356	78.5	0.873	7.671	24.7	136.4	0.9730	14.370A	0.33	0.523	148.6	218.9	-1.7	0.483
		9.24	10.61	19.85	ONE	4.520	61.8	2.7	22.9										
46610.0	47020.0	0.498	319.0	-19.5	-1.32	1.355	73.4	0.877	7.562	35.5	137.6	0.9280	14.195A	0.09	0.521	149.2	218.3	-1.9	0.486
		10.68	10.67	21.35	ONE	4.520	61.8	2.7	23.5										
46620.0	47020.0	0.575	317.2	-19.4	-1.29	1.353	68.1	0.882	7.345	47.0	139.5	0.8650	13.825A	-0.13	0.517	150.1	217.4	-1.9	0.491
		12.58	10.74	23.32	ONE	4.520	61.8	2.7	24.4										
ARRIVAL DATE = 2447040.0																			
46500.0	47040.0	0.632	332.3	-6.3	2.51	1.331	116.1	0.811	4.123	301.0	511.9	0.778	7.469A	-2.38	0.402	143.4	209.0	-3.0	0.389
		14.01	9.14	23.15	TWO	4.255	63.7	2.7	34.6										
46510.0	47040.0	0.585	335.6	-2.0	3.61	1.334	112.9	0.811	4.378	308.4	509.3	0.827	7.930A	-3.60	0.419	143.8	211.1	-3.8	0.398
		12.82	9.28	22.10	TWO	4.255	63.7	2.7	32.5										
46520.0	47040.0	0.549	336.6	7.0	6.75	1.337	109.6	0.812	4.651	315.9	506.9	0.873	8.429A	-6.85	0.435	144.2	212.7	-5.9	0.409
		11.93	9.43	21.35	TWO	4.255	63.7	2.7	31.0										
46540.0	47040.0	0.473	356.5	-27.7	-8.43	1.341	102.8	0.818	5.223	331.6	502.8	0.950	9.496A	8.10	0.461	144.8	216.0	3.2	0.425
		10.09	9.68	19.77	ONE	4.255	63.7	2.7	28.2										
46550.0	47040.0	0.413	350.0	-18.6	-4.06	1.343	99.2	0.822	5.501	339.6	501.1	0.979	10.023A	3.62	0.471	145.1	217.3	0.4	0.429
		8.71	9.75	18.46	ONE	4.255	63.7	2.7	26.5										
46560.0	47040.0	0.379	345.6	-16.6	-2.72	1.344	95.4	0.826	5.753	348.0	499.8	1.000	10.507A	2.17	0.480	145.3	218.1	-0.5	0.435
		7.99	9.83	17.82	ONE	4.255	63.7	2.7	25.6										
46570.0	47040.0	0.362	340.1	-16.8	-2.10	1.345	91.5	0.830	5.961	356.8	499.0	1.011	10.911A	1.43	0.486	145.6	218.7	-1.0	0.440
		7.62	9.91	17.53	ONE	4.255	63.7	2.7	25.0										
46580.0	47040.0	0.363	333.4	-17.9	-1.75	1.345	87.3	0.834	6.106	6.0	138.6	1.0110	11.200A	0.95	0.490	145.9	219.0	-1.3	0.444
		7.65	9.97	17.62	ONE	4.255	63.7	2.7	24.7										
46590.0	47040.0	0.385	326.6	-19.1	-1.53	1.345	82.9	0.838	6.173	15.7	138.7	0.9980	11.348A	0.61	0.492	146.2	219.0	-1.6	0.447
		8.12	10.03	18.15	ONE	4.255	63.7	2.7	24.7										
46600.0	47040.0	0.429	321.2	-19.7	-1.40	1.344	78.2	0.843	6.157	25.9	139.4	0.9690	11.345A	0.33	0.491	146.7	218.7	-1.7	0.450
		9.08	10.08	19.15	ONE	4.255	63.7	2.7	25.0										
46610.0	47040.0	0.491	317.7	-19.9	-1.32	1.343	73.2	0.848	6.063	36.7	140.6	0.9240	11.201A	0.09	0.489	147.3	218.0	-1.8	0.454
		10.51	10.13	20.64	ONE	4.255	63.7	2.7	25.6										
46620.0	47040.0	0.567	316.2	-19.7	-1.29	1.341	68.0	0.854	5.903	48.1	142.5	0.8610	10.945A	-0.13	0.484	148.2	217.0	-1.9	0.458
		12.38	10.19	22.58	ONE	4.255	63.7	2.7	26.6										
ARRIVAL DATE = 2447060.0																			
46500.0	47060.0	0.621	332.2	-6.6	2.37	1.325	115.7	0.798	3.862	301.3	513.9	0.781	6.942A	-2.26	0.381	141.0	208.4	-2.9	0.367
		13.74	8.84	22.58	TWO	4.060	65.5	2.8	37.1										
46510.0	47060.0	0.573	335.6	-2.5	3.31	1.327	112.5	0.795	4.062	308.8	511.5	0.831	7.293A	-3.32	0.397	141.6	210.6	-3.7	0.375
		12.52	8.95	21.47	TWO	4.060	65.5	2.8	34.8										
46520.0	47060.0	0.533	336.8	5.0	5.76	1.330	109.2	0.795	4.271	316.3	509.2	0.876	7.665A	-5.89	0.412	142.1	212.4	-5.5	0.384
		11.53	9.07	20.60	TWO	4.060	65.5	2.8	33.1										

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46540.0	47060.0	0.478	359.7	-33.1	-10.55	1.333	102.3	0.797	4.692	332.2	505.2	0.953	8.430A	10.20	0.437	142.8	215.6	4.9	0.401
		10.21	9.32	19.53	ONE	4.060	65.5	2.8	30.8										
46550.0	47060.0	0.402	349.9	-20.4	-4.46	1.335	98.7	0.799	4.887	340.3	503.6	0.981	8.792A	4.00	0.446	143.1	217.0	0.8	0.403
		8.49	9.35	17.84	ONE	4.060	65.5	2.8	28.7										
46560.0	47060.0	0.368	344.9	-17.8	-2.88	1.335	95.0	0.802	5.057	348.8	502.4	1.001	9.113A	2.31	0.454	143.3	217.9	-0.3	0.408
		7.76	9.42	17.18	ONE	4.060	65.5	2.8	27.7										
46570.0	47060.0	0.352	338.9	-17.8	-2.18	1.336	91.1	0.805	5.190	357.6	501.6	1.011	9.369A	1.49	0.459	143.6	218.4	-0.9	0.412
		7.42	9.48	16.89	ONE	4.060	65.5	2.8	27.1										
46580.0	47060.0	0.355	331.9	-18.7	-1.79	1.335	86.9	0.809	5.276	6.9	141.3	1.010D	9.542A	0.98	0.463	143.9	218.7	-1.3	0.415
		7.47	9.53	17.00	ONE	4.060	65.5	2.8	26.8										
46590.0	47060.0	0.378	325.2	-19.7	-1.56	1.335	82.5	0.812	5.306	16.6	141.5	0.996D	9.617A	0.62	0.464	144.2	218.7	-1.5	0.419
		7.97	9.58	17.55	ONE	4.060	65.5	2.8	26.8										
46600.0	47060.0	0.423	319.8	-20.2	-1.41	1.334	77.9	0.817	5.279	26.9	142.2	0.967D	9.591A	0.34	0.463	144.7	218.3	-1.7	0.421
		8.94	9.62	18.56	ONE	4.060	65.5	2.8	27.2										
46610.0	47060.0	0.485	316.6	-20.2	-1.33	1.332	73.0	0.823	5.197	37.7	143.5	0.921D	9.473A	0.09	0.460	145.3	217.6	-1.8	0.424
		10.37	9.67	20.03	ONE	4.060	65.5	2.8	27.9										
46620.0	47060.0	0.561	315.4	-19.9	-1.29	1.330	67.9	0.831	5.070	49.1	145.3	0.858D	9.282A	-0.13	0.454	146.2	216.5	-1.9	0.428
		12.22	9.72	21.94	ONE	4.060	65.5	2.8	29.0										
46630.0	47060.0	0.649	315.7	-19.3	-1.28	1.328	62.4	0.842	4.912	60.9	147.6	0.777D	9.046A	-0.34	0.447	147.3	215.1	-2.0	0.433
		14.45	9.80	24.25	ONE	4.060	65.5	2.8	30.3										
ARRIVAL DATE = 2447080.0																			
46500.0	47080.0	0.612	332.2	-6.8	2.24	1.319	115.4	0.786	3.662	301.4	515.9	0.784	6.540A	-2.16	0.361	138.6	207.6	-2.9	0.347
		13.52	8.57	22.09	TWO	3.964	67.3	2.8	39.6										
46510.0	47080.0	0.563	335.6	-3.0	3.06	1.322	112.2	0.782	3.825	309.0	513.5	0.834	6.815A	-3.09	0.377	139.3	210.0	-3.7	0.355
		12.27	8.67	20.94	TWO	3.964	67.3	2.8	37.3										
46520.0	47080.0	0.520	337.0	3.5	5.02	1.324	108.8	0.780	3.991	316.7	511.3	0.880	7.103A	-5.17	0.391	139.8	211.9	-5.2	0.362
		11.21	8.77	19.98	TWO	3.964	67.3	2.8	35.4										
46530.0	47080.0	0.549	332.3	28.5	14.98	1.325	105.5	0.779	4.157	324.4	509.3	0.920	7.394A	-15.24	0.404	140.3	212.3	-12.0	0.379
		11.94	8.99	20.93	TWO	3.964	67.3	2.8	35.8										
46540.0	47080.0	0.503	6.3	-40.5	-14.12	1.326	101.9	0.779	4.316	332.7	507.5	0.956	7.676A	13.76	0.415	140.6	214.9	7.7	0.382
		10.82	9.05	19.86	ONE	3.964	67.3	2.8	34.0										
46550.0	47080.0	0.394	350.1	-22.5	-4.96	1.327	98.3	0.780	4.460	340.9	506.1	0.983	7.938A	4.48	0.424	140.9	216.6	1.3	0.379
		8.32	9.00	17.32	ONE	3.964	67.3	2.8	30.9										
46560.0	47080.0	0.359	344.3	-19.0	-3.06	1.328	94.6	0.781	4.583	349.5	505.0	1.002	8.164A	2.47	0.431	141.2	217.5	-0.1	0.383
		7.57	9.06	16.63	ONE	3.964	67.3	2.8	29.9										
46570.0	47080.0	0.344	337.9	-18.7	-2.26	1.328	90.7	0.784	4.675	358.4	504.2	1.012	8.338A	1.56	0.436	141.5	218.1	-0.8	0.387
		7.25	9.11	16.36	ONE	3.964	67.3	2.8	29.3										
46580.0	47080.0	0.347	330.7	-19.5	-1.83	1.327	86.6	0.787	4.729	7.7	144.0	1.010D	8.449A	1.02	0.438	141.8	218.3	-1.2	0.390
		7.32	9.16	16.48	ONE	3.964	67.3	2.8	29.0										
46590.0	47080.0	0.372	323.9	-20.2	-1.58	1.326	82.3	0.790	4.742	17.5	144.2	0.994D	8.489A	0.64	0.439	142.2	218.2	-1.5	0.393
		7.84	9.19	17.04	ONE	3.964	67.3	2.8	29.1										
46600.0	47080.0	0.417	318.7	-20.6	-1.43	1.325	77.7	0.795	4.710	27.8	144.9	0.964D	8.456A	0.34	0.437	142.6	217.8	-1.7	0.395
		8.82	9.23	18.05	ONE	3.964	67.3	2.8	29.5										
46610.0	47080.0	0.479	315.7	-20.5	-1.33	1.324	72.9	0.802	4.638	38.6	146.1	0.918D	8.358A	0.09	0.434	143.2	217.1	-1.8	0.398
		10.24	9.27	19.51	ONE	3.964	67.3	2.8	30.3										
46620.0	47080.0	0.555	314.7	-20.1	-1.28	1.322	67.8	0.811	4.532	49.9	147.9	0.855D	8.210A	-0.13	0.428	144.0	215.9	-1.9	0.401
		12.07	9.32	21.39	ONE	3.964	67.3	2.8	31.4										
46630.0	47080.0	0.641	315.2	-19.4	-1.27	1.319	62.5	0.824	4.402	61.6	150.1	0.775D	8.029A	-0.34	0.420	145.2	214.5	-1.9	0.406
		14.26	9.39	23.65	ONE	3.964	67.3	2.8	32.8										
ARRIVAL DATE = 2447100.0																			
46500.0	47100.0	0.605	332.2	-7.0	2.12	1.315	115.2	0.776	3.506	301.5	517.8	0.786	6.227A	-2.06	0.344	136.1	206.8	-2.9	0.330
		13.33	8.34	21.67	TWO	3.988	69.2	2.9	42.3										
46510.0	47100.0	0.555	335.6	-3.4	2.83	1.317	111.9	0.770	3.642	309.2	515.5	0.836	6.447A	-2.89	0.359	136.9	209.2	-3.6	0.336
		12.06	8.42	20.48	TWO	3.988	69.2	2.9	39.8										
46520.0	47100.0	0.509	337.2	2.3	4.44	1.318	108.5	0.767	3.779	317.0	513.4	0.882	6.675A	-4.61	0.373	137.5	211.3	-5.0	0.342
		10.96	8.50	19.46	TWO	3.988	69.2	2.9	37.8										
46530.0	47100.0	0.562	334.1	20.0	10.85	1.319	105.2	0.764	3.912	324.8	511.5	0.922	6.902A	-11.13	0.385	138.0	212.4	-9.7	0.353
		10.79	8.65	19.43	TWO	3.988	69.2	2.9	37.1										
46540.0	47100.0	0.587	22.4	-50.3	-21.36	1.320	101.5	0.763	4.038	333.3	509.8	0.958	7.118A	20.98	0.395	138.4	213.3	12.9	0.374
		12.87	8.93	21.80	ONE	3.988	69.2	2.9	38.9										
46550.0	47100.0	0.389	350.7	-24.9	-5.59	1.321	98.0	0.763	4.150	341.4	508.4	0.984	7.316A	5.10	0.403	138.8	216.2	2.0	0.358
		8.20	8.71	16.91	ONE	3.988	69.2	2.9	33.3										
46560.0	47100.0	0.352	343.9	-20.2	-3.26	1.321	94.3	0.764	4.243	350.0	507.4	1.003	7.482A	2.66	0.410	139.1	217.1	0.1	0.361
		7.42	8.75	16.17	ONE	3.988	69.2	2.9	32.2										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46570.0	47100.0	0.337	337.1	-19.6	-2.35	1.321	90.4	0.765	4.309	359.0	506.7	1.012	7.607A	1.64	0.414	139.4	217.6	-0.7	0.364
		7.11	8.79	15.90	ONE	3.988	69.2	2.9	31.6										
46580.0	47100.0	0.341	329.7	-20.1	-1.88	1.320	86.4	0.768	4.346	8.4	146.5	1.009D	7.682A	1.05	0.416	139.7	217.9	-1.1	0.367
		7.20	8.83	16.03	ONE	3.988	69.2	2.9	31.3										
46590.0	47100.0	0.367	322.8	-20.7	-1.61	1.319	82.1	0.772	4.348	18.2	146.7	0.993D	7.703A	0.65	0.417	140.0	217.7	-1.4	0.369
		7.74	8.86	16.60	ONE	3.988	69.2	2.9	31.4										
46600.0	47100.0	0.413	317.8	-20.9	-1.44	1.318	77.6	0.777	4.316	28.5	147.4	0.962D	7.669A	0.35	0.415	140.5	217.3	-1.6	0.371
		8.72	8.89	17.61	ONE	3.988	69.2	2.9	31.9										
46610.0	47100.0	0.475	314.9	-20.8	-1.33	1.316	72.8	0.785	4.252	39.3	148.7	0.916D	7.587A	0.09	0.410	141.0	216.4	-1.8	0.374
		10.13	8.93	19.06	ONE	3.988	69.2	2.9	32.7										
46620.0	47100.0	0.549	314.1	-20.2	-1.28	1.314	67.8	0.795	4.160	50.5	150.4	0.853D	7.468A	-0.13	0.404	141.8	215.3	-1.9	0.377
		11.94	8.98	20.91	ONE	3.988	69.2	2.9	33.9										
46630.0	47100.0	0.635	314.9	-19.5	-1.26	1.312	62.6	0.809	4.050	62.1	152.5	0.774D	7.325A	-0.34	0.396	142.9	213.7	-1.9	0.382
		14.09	9.04	23.13	ONE	3.988	69.2	2.9	35.4										

ARRIVAL DATE = 2447120.0

46500.0	47120.0	0.599	332.3	-7.1	2.02	1.311	115.0	0.767	3.383	301.5	519.6	0.787	5.978A	-1.98	0.328	133.6	205.8	-2.8	0.314
		13.18	8.14	21.33	TWO	4.130	71.0	2.9	45.1										
46510.0	47120.0	0.548	335.7	-3.8	2.64	1.312	111.7	0.760	3.498	309.3	517.5	0.838	6.158A	-2.72	0.343	134.4	208.4	-3.5	0.319
		11.89	8.21	20.10	TWO	4.130	71.0	2.9	42.5										
46520.0	47120.0	0.501	337.4	1.2	3.97	1.314	108.3	0.755	3.613	317.1	515.4	0.884	6.342A	-4.16	0.356	135.1	210.6	-4.8	0.324
		10.75	8.27	19.02	TWO	4.130	71.0	2.9	40.4										
46530.0	47120.0	0.477	335.3	14.6	8.46	1.315	104.9	0.752	3.724	325.1	513.6	0.924	6.523A	-8.76	0.367	135.7	212.0	-8.4	0.332
		10.19	8.37	18.56	TWO	4.130	71.0	2.9	39.2										
46550.0	47120.0	0.387	351.8	-27.8	-6.43	1.315	97.8	0.748	3.916	341.9	510.7	0.986	6.847A	5.92	0.385	136.5	215.6	2.8	0.338
		8.16	8.45	16.61	ONE	4.130	71.0	2.9	35.9										
46560.0	47120.0	0.346	343.7	-21.5	-3.50	1.315	94.0	0.748	3.989	350.5	509.7	1.004	6.974A	2.88	0.391	136.9	216.5	0.4	0.340
		7.30	8.48	15.77	ONE	4.130	71.0	2.9	34.6										
46570.0	47120.0	0.331	336.4	-20.4	-2.46	1.315	90.2	0.749	4.039	359.6	509.1	1.012	7.066A	1.73	0.395	137.2	217.1	-0.5	0.343
		6.99	8.51	15.50	ONE	4.130	71.0	2.9	34.0										
46580.0	47120.0	0.336	328.8	-20.7	-1.94	1.314	86.2	0.752	4.064	9.0	148.9	1.008D	7.119A	1.09	0.397	137.5	217.3	-1.0	0.345
		7.10	8.55	15.65	ONE	4.130	71.0	2.9	33.7										
46590.0	47120.0	0.363	322.0	-21.1	-1.63	1.313	81.9	0.756	4.060	18.8	149.1	0.992D	7.129A	0.67	0.396	137.8	217.1	-1.3	0.348
		7.65	8.57	16.22	ONE	4.130	71.0	2.9	33.8										
46600.0	47120.0	0.409	317.0	-21.2	-1.45	1.312	77.5	0.762	4.029	29.1	149.9	0.961D	7.097A	0.35	0.394	138.2	216.6	-1.6	0.350
		8.63	8.60	17.23	ONE	4.130	71.0	2.9	34.3										
46610.0	47120.0	0.470	314.4	-20.9	-1.34	1.310	72.8	0.770	3.971	39.8	151.1	0.914D	7.028A	0.09	0.389	138.8	215.8	-1.7	0.352
		10.03	8.64	18.66	ONE	4.130	71.0	2.9	35.2										
46620.0	47120.0	0.544	313.7	-20.4	-1.27	1.308	67.9	0.781	3.891	51.0	152.7	0.852D	6.930A	-0.13	0.383	139.5	214.5	-1.8	0.356
		11.81	8.68	20.49	ONE	4.130	71.0	2.9	36.5										
46630.0	47120.0	0.628	314.6	-19.6	-1.25	1.306	62.7	0.796	3.794	62.5	154.7	0.774D	6.815A	-0.34	0.374	140.5	212.9	-1.9	0.360
		13.93	8.74	22.67	ONE	4.130	71.0	2.9	38.1										

ARRIVAL DATE = 2447140.0

46500.0	47140.0	0.595	332.4	-7.3	1.92	1.307	114.9	0.760	3.284	301.4	521.4	0.788	5.779A	-1.90	0.314	130.9	204.7	-2.8	0.299
		13.07	7.97	21.04	TWO	4.366	72.8	2.9	48.0										
46510.0	47140.0	0.542	335.8	-4.1	2.47	1.309	111.5	0.752	3.383	309.3	519.3	0.839	5.928A	-2.56	0.328	131.8	207.4	-3.5	0.303
		11.76	8.02	19.78	TWO	4.366	72.8	2.9	45.3										
46520.0	47140.0	0.494	337.7	0.4	3.59	1.310	108.1	0.746	3.482	317.3	517.4	0.885	6.078A	-3.80	0.341	132.6	209.7	-4.6	0.308
		10.59	8.08	18.66	TWO	4.366	72.8	2.9	43.0										
46530.0	47140.0	0.461	336.3	10.9	6.91	1.310	104.7	0.741	3.576	325.3	515.6	0.926	6.225A	-7.23	0.352	133.3	211.4	-7.5	0.314
		9.81	8.15	17.97	TWO	4.366	72.8	2.9	41.5										
46550.0	47140.0	0.389	353.6	-31.4	-7.59	1.311	97.5	0.736	3.735	342.2	512.8	0.987	6.484A	7.06	0.368	134.2	214.8	4.0	0.321
		8.20	8.24	16.44	ONE	4.366	72.8	2.9	38.6										
46560.0	47140.0	0.341	343.7	-22.8	-3.78	1.310	93.8	0.735	3.794	350.9	511.9	1.004	6.583A	3.15	0.374	134.6	215.8	0.8	0.322
		7.20	8.25	15.45	ONE	4.366	72.8	2.9	37.1										
46570.0	47140.0	0.326	336.0	-21.2	-2.57	1.310	90.0	0.736	3.833	360.0	511.3	1.012	6.654A	1.83	0.377	134.9	216.4	-0.3	0.324
		6.89	8.27	15.17	ONE	4.366	72.8	2.9	36.5										
46580.0	47140.0	0.332	328.2	-21.2	-1.99	1.309	86.0	0.738	3.850	9.4	151.2	1.008D	6.692A	1.13	0.379	135.2	216.6	-0.9	0.326
		7.01	8.30	15.32	ONE	4.366	72.8	2.9	36.2										
46590.0	47140.0	0.359	321.3	-21.5	-1.66	1.308	81.8	0.742	3.844	19.3	151.4	0.991D	6.696A	0.69	0.378	135.5	216.4	-1.3	0.328
		7.56	8.33	15.89	ONE	4.366	72.8	2.9	36.4										
46600.0	47140.0	0.405	316.5	-21.5	-1.46	1.306	77.4	0.748	3.813	29.5	152.2	0.960D	6.667A	0.36	0.376	135.9	215.9	-1.5	0.330
		8.54	8.35	16.90	ONE	4.366	72.8	2.9	36.9										
46610.0	47140.0	0.466	313.9	-21.1	-1.34	1.304	72.8	0.757	3.761	40.2	153.3	0.913D	6.608A	0.09	0.371	136.4	215.0	-1.7	0.333
		9.93	8.38	18.31	ONE	4.366	72.8	2.9	37.8										

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46620.0	47140.0	0.539	313.4	-20.4	-1.27	1.302	67.9	0.769	3.689	51.3	154.8	0.851D	6.527A	-0.13	0.364	137.1	213.7	-1.8	0.336
		11.69	8.43	20.11	ONE	4.366	72.8	2.9	39.1										
46630.0	47140.0	0.622	314.5	-19.6	-1.24	1.300	62.8	0.785	3.603	62.7	156.7	0.774D	6.432A	-0.34	0.355	138.1	212.0	-1.9	0.341
		13.77	8.48	22.26	ONE	4.366	72.8	2.9	40.8										
ARRIVAL DATE = 2447160.0																			
46500.0	47160.0	0.591	332.6	-7.4	1.83	1.304	114.8	0.754	3.203	301.3	523.1	0.788	5.618A	-1.83	0.302	128.2	203.5	-2.7	0.286
		12.99	7.83	20.81	TWO	4.663	74.6	3.0	51.0										
46510.0	47160.0	0.538	335.9	-4.4	2.31	1.305	111.4	0.745	3.291	309.3	521.1	0.840	5.742A	-2.43	0.315	129.2	206.3	-3.4	0.290
		11.65	7.86	19.52	TWO	4.663	74.6	3.0	48.2										
46520.0	47160.0	0.488	337.9	-0.3	3.26	1.306	108.0	0.737	3.376	317.3	519.2	0.886	5.866A	-3.49	0.327	130.1	208.7	-4.5	0.293
		10.46	7.90	18.36	TWO	4.663	74.6	3.0	45.8										
46530.0	47160.0	0.450	337.0	8.2	5.81	1.307	104.5	0.732	3.457	325.4	517.6	0.927	5.987A	-6.15	0.337	130.8	210.6	-6.8	0.298
		9.56	7.96	17.53	TWO	4.663	74.6	3.0	44.1										
46550.0	47160.0	0.399	356.8	-36.3	-9.29	1.307	97.4	0.725	3.593	342.5	514.9	0.988	6.198A	8.74	0.353	131.9	214.0	5.8	0.307
		8.41	8.06	16.47	ONE	4.663	74.6	3.0	41.6										
46560.0	47160.0	0.338	343.9	-24.3	-4.12	1.306	93.7	0.724	3.641	351.2	514.0	1.005	6.277A	3.47	0.358	132.3	215.1	1.3	0.305
		7.14	8.05	15.18	ONE	4.663	74.6	3.0	39.8										
46570.0	47160.0	0.322	335.7	-22.0	-2.70	1.306	89.9	0.724	3.672	0.3	153.5	1.012D	6.332A	1.94	0.362	132.6	215.7	-0.1	0.307
		6.81	8.07	14.88	ONE	4.663	74.6	3.0	39.1										
46580.0	47160.0	0.328	327.7	-21.7	-2.05	1.304	85.9	0.727	3.684	9.8	153.4	1.007D	6.361A	1.18	0.363	132.9	215.8	-0.8	0.309
		6.94	8.09	15.03	ONE	4.663	74.6	3.0	38.8										
46590.0	47160.0	0.356	320.8	-21.8	-1.69	1.303	81.7	0.731	3.676	19.6	153.6	0.990D	6.362A	0.71	0.362	133.2	215.7	-1.2	0.311
		7.49	8.11	15.60	ONE	4.663	74.6	3.0	39.0										
46600.0	47160.0	0.401	316.1	-21.6	-1.48	1.302	77.4	0.737	3.647	29.9	154.3	0.959D	6.335A	0.37	0.359	133.6	215.1	-1.5	0.313
		8.47	8.14	16.60	ONE	4.663	74.6	3.0	39.6										
46610.0	47160.0	0.462	313.6	-21.2	-1.34	1.300	72.8	0.746	3.599	40.5	155.4	0.912D	6.285A	0.10	0.354	134.0	214.1	-1.6	0.315
		9.84	8.17	18.00	ONE	4.663	74.6	3.0	40.5										
46620.0	47160.0	0.535	313.2	-20.5	-1.26	1.298	68.0	0.759	3.534	51.5	156.9	0.851D	6.217A	-0.13	0.347	134.6	212.7	-1.8	0.319
		11.57	8.21	19.78	ONE	4.663	74.6	3.0	41.9										
46630.0	47160.0	0.616	314.4	-19.6	-1.23	1.296	63.0	0.776	3.456	62.8	158.7	0.775D	6.138A	-0.34	0.337	135.5	211.0	-1.8	0.323
		13.62	8.26	21.89	ONE	4.663	74.6	3.0	43.6										
ARRIVAL DATE = 2447180.0																			
46500.0	47180.0	0.589	332.8	-7.5	1.74	1.302	114.8	0.749	3.137	301.1	524.7	0.788	5.487A	-1.77	0.290	125.4	202.2	-2.7	0.275
		12.93	7.70	20.64	TWO	4.982	76.5	3.0	54.1										
46510.0	47180.0	0.535	336.1	-4.7	2.17	1.303	111.3	0.739	3.215	309.2	522.8	0.840	5.590A	-2.31	0.303	126.6	205.2	-3.3	0.277
		11.58	7.73	19.30	TWO	4.982	76.5	3.0	51.2										
46520.0	47180.0	0.484	338.2	-0.9	2.99	1.303	107.9	0.730	3.291	317.3	521.0	0.887	5.695A	-3.24	0.315	127.5	207.6	-4.3	0.280
		10.36	7.76	18.11	TWO	4.982	76.5	3.0	48.7										
46530.0	47180.0	0.443	337.7	6.2	5.00	1.304	104.4	0.724	3.361	325.5	519.4	0.928	5.795A	-5.36	0.325	128.3	209.6	-6.3	0.284
		9.39	7.80	17.19	TWO	4.982	76.5	3.0	46.8										
46540.0	47180.0	0.504	328.0	36.7	16.40	1.303	100.9	0.719	3.425	333.8	518.0	0.961	5.889A	-16.87	0.333	129.0	209.5	-15.9	0.302
		10.83	8.01	18.84	TWO	4.982	76.5	3.0	47.9										
46550.0	47180.0	0.423	2.7	-42.9	-12.04	1.303	97.2	0.716	3.478	342.7	516.9	0.988	5.969A	11.48	0.340	129.5	212.9	8.5	0.295
		8.94	7.93	16.87	ONE	4.982	76.5	3.0	45.0										
46560.0	47180.0	0.336	344.4	-26.0	-4.54	1.303	93.6	0.714	3.519	351.4	516.0	1.005	6.033A	3.87	0.345	129.9	214.2	1.8	0.290
		7.10	7.97	14.97	ONE	4.982	76.5	3.0	42.5										
46570.0	47180.0	0.319	335.6	-22.7	-2.85	1.302	89.8	0.715	3.545	0.6	155.6	1.012D	6.077A	2.07	0.348	130.2	214.8	0.1	0.292
		6.75	7.89	14.64	ONE	4.982	76.5	3.0	41.8										
46580.0	47180.0	0.325	327.4	-22.2	-2.12	1.301	85.8	0.717	3.553	10.0	155.4	1.007D	6.099A	1.24	0.349	130.5	215.0	-0.6	0.293
		6.88	7.91	14.78	ONE	4.982	76.5	3.0	41.5										
46590.0	47180.0	0.352	320.5	-22.1	-1.73	1.299	81.7	0.721	3.544	19.9	155.7	0.990D	6.098A	0.73	0.348	130.8	214.8	-1.1	0.295
		7.43	7.93	15.35	ONE	4.982	76.5	3.0	41.7										
46600.0	47180.0	0.398	315.8	-21.8	-1.49	1.298	77.4	0.727	3.516	30.1	156.4	0.958D	6.074A	0.38	0.344	131.2	214.1	-1.4	0.297
		8.39	7.95	16.34	ONE	4.982	76.5	3.0	42.3										
46610.0	47180.0	0.458	313.5	-21.3	-1.35	1.296	72.9	0.737	3.472	40.7	157.4	0.912D	6.032A	0.10	0.339	131.6	213.1	-1.6	0.300
		9.75	7.98	17.73	ONE	4.982	76.5	3.0	43.3										
46620.0	47180.0	0.530	313.2	-20.5	-1.26	1.294	68.1	0.750	3.413	51.6	158.8	0.852D	5.974A	-0.13	0.332	132.1	211.7	-1.7	0.303
		11.46	8.02	19.48	ONE	4.982	76.5	3.0	44.7										
46630.0	47180.0	0.611	314.4	-19.6	-1.21	1.292	63.2	0.768	3.342	62.8	160.5	0.777D	5.907A	-0.34	0.322	132.9	210.0	-1.8	0.308
		13.48	8.08	21.55	ONE	4.982	76.5	3.0	46.5										
ARRIVAL DATE = 2447200.0																			
46500.0	47200.0	0.588	333.0	-7.6	1.67	1.300	114.8	0.745	3.083	300.8	526.3	0.787	5.380A	-1.71	0.280	122.6	200.9	-2.6	0.265
		12.90	7.60	20.50	TWO	5.290	78.3	3.0	57.3										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COAST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46510.0	47200.0	0.533	336.4	-4.9	2.04	1.300	111.3	0.734	3.153	309.0	524.5	0.840	5.467A	-2.21	0.293	123.9	203.9	-3.3	0.266
		11.53	7.61	19.14	TWO	5.290	78.3	3.0	54.3										
46520.0	47200.0	0.481	338.5	-1.4	2.75	1.301	107.8	0.725	3.221	317.2	522.7	0.887	5.555A	-3.02	0.304	124.9	206.5	-4.2	0.268
		10.28	7.63	17.91	TWO	5.290	78.3	3.0	51.7										
46530.0	47200.0	0.437	338.3	4.6	4.37	1.301	104.3	0.717	3.283	325.4	521.2	0.928	5.639A	-4.76	0.313	125.8	208.6	-5.9	0.271
		9.26	7.66	16.92	TWO	5.290	78.3	3.0	49.7										
46540.0	47200.0	0.444	331.5	25.5	11.37	1.301	100.8	0.712	3.339	333.8	519.9	0.962	5.717A	-11.85	0.321	126.5	209.4	-12.4	0.281
		9.43	7.77	17.20	TWO	5.290	78.3	3.0	49.2										
46550.0	47200.0	0.484	15.8	-52.0	-17.24	1.300	97.1	0.708	3.386	342.8	518.8	0.988	5.783A	16.66	0.328	127.0	211.3	13.3	0.292
		10.36	7.89	18.25	ONE	5.290	78.3	3.0	49.4										
46560.0	47200.0	0.336	345.3	-28.0	-5.06	1.299	93.5	0.706	3.421	351.6	518.0	1.005	5.837A	4.38	0.332	127.5	213.2	2.5	0.277
		7.09	7.72	14.81	ONE	5.290	78.3	3.0	45.4										
46570.0	47200.0	0.316	335.7	-23.5	-3.01	1.299	89.7	0.706	3.442	0.7	157.5	1.012D	5.873A	2.23	0.335	127.8	213.8	0.4	0.278
		6.70	7.73	14.43	ONE	5.290	78.3	3.0	44.6										
46580.0	47200.0	0.322	327.2	-22.6	-2.19	1.297	85.8	0.708	3.448	10.2	157.4	1.007D	5.890A	1.30	0.336	128.1	214.0	-0.5	0.279
		6.82	7.75	14.57	ONE	5.290	78.3	3.0	44.3										
46590.0	47200.0	0.349	320.3	-22.3	-1.76	1.296	81.7	0.712	3.438	20.0	157.7	0.990D	5.887A	0.76	0.335	128.4	213.8	-1.0	0.281
		7.37	7.77	15.13	ONE	5.290	78.3	3.0	44.5										
46600.0	47200.0	0.395	315.6	-21.9	-1.51	1.294	77.4	0.719	3.412	30.2	158.3	0.958D	5.866A	0.39	0.331	128.7	213.1	-1.3	0.283
		8.32	7.79	16.11	ONE	5.290	78.3	3.0	45.2										
46610.0	47200.0	0.454	313.4	-21.3	-1.35	1.293	73.0	0.729	3.371	40.7	159.3	0.913D	5.830A	0.10	0.326	129.0	212.1	-1.5	0.285
		9.66	7.82	17.48	ONE	5.290	78.3	3.0	46.2										
46620.0	47200.0	0.525	313.2	-20.5	-1.25	1.291	68.3	0.743	3.317	51.6	160.6	0.853D	5.781A	-0.13	0.318	129.5	210.6	-1.7	0.289
		11.35	7.86	19.20	ONE	5.290	78.3	3.0	47.6										
46630.0	47200.0	0.605	314.5	-19.6	-1.20	1.289	63.4	0.760	3.251	62.7	162.2	0.779D	5.724A	-0.35	0.309	130.2	208.9	-1.8	0.294
		13.33	7.91	21.24	ONE	5.290	78.3	3.0	49.4										

ARRIVAL DATE = 2447220.0

46500.0	47220.0	0.588	333.3	-7.6	1.59	1.298	114.9	0.742	3.039	300.5	527.8	0.785	5.292A	-1.66	0.271	119.7	199.4	-2.5	0.257
		12.90	7.51	20.41	TWO	5.560	80.1	3.0	60.6										
46510.0	47220.0	0.532	336.7	-5.0	1.93	1.298	111.3	0.730	3.102	308.7	526.0	0.839	5.366A	-2.12	0.283	121.1	202.5	-3.2	0.257
		11.50	7.51	19.01	TWO	5.560	80.1	3.0	57.5										
46520.0	47220.0	0.479	338.8	-1.8	2.54	1.299	107.8	0.720	3.163	317.0	524.4	0.886	5.440A	-2.84	0.294	122.3	205.2	-4.0	0.258
		10.23	7.52	17.76	TWO	5.560	80.1	3.0	54.8										
46530.0	47220.0	0.433	338.9	3.3	3.87	1.298	104.3	0.712	3.219	325.3	522.9	0.928	5.511A	-4.28	0.303	123.2	207.4	-5.6	0.260
		9.17	7.54	16.71	TWO	5.560	80.1	3.0	52.6										
46540.0	47220.0	0.417	333.8	18.5	8.62	1.298	100.8	0.706	3.269	333.8	521.6	0.962	5.577A	-9.12	0.311	124.0	208.7	-10.3	0.266
		8.82	7.61	16.43	TWO	5.560	80.1	3.0	51.5										
46560.0	47220.0	0.337	346.6	-30.4	-5.75	1.297	93.5	0.699	3.341	351.6	519.8	1.005	5.677A	5.04	0.321	125.0	212.2	3.4	0.265
		7.12	7.60	14.72	ONE	5.560	80.1	3.0	48.4										
46570.0	47220.0	0.314	335.9	-24.4	-3.21	1.296	89.7	0.699	3.359	0.8	159.4	1.012D	5.706A	2.41	0.324	125.4	212.8	0.7	0.265
		6.66	7.60	14.26	ONE	5.560	80.1	3.0	47.5										
46580.0	47220.0	0.320	327.3	-23.0	-2.27	1.295	85.8	0.701	3.363	10.3	159.3	1.007D	5.729A	1.37	0.324	125.7	213.0	-0.3	0.266
		6.77	7.61	14.38	ONE	5.560	80.1	3.0	47.2										
46590.0	47220.0	0.347	320.3	-22.5	-1.80	1.293	81.7	0.705	3.353	20.1	159.5	0.990D	5.717A	0.78	0.323	126.0	212.7	-0.9	0.268
		7.31	7.63	14.94	ONE	5.560	80.1	3.0	47.4										
46600.0	47220.0	0.392	315.6	-22.0	-1.52	1.291	77.5	0.712	3.329	30.2	160.1	0.959D	5.699A	0.40	0.320	126.2	212.0	-1.3	0.270
		8.25	7.65	15.90	ONE	5.560	80.1	3.0	48.1										
46610.0	47220.0	0.451	313.4	-21.3	-1.35	1.290	73.1	0.722	3.290	40.7	161.1	0.913D	5.667A	0.10	0.314	126.5	211.0	-1.5	0.273
		9.57	7.68	17.25	ONE	5.560	80.1	3.0	49.1										
46620.0	47220.0	0.521	313.3	-20.5	-1.25	1.288	68.5	0.736	3.240	51.5	162.3	0.854D	5.626A	-0.14	0.306	126.9	209.5	-1.6	0.277
		11.23	7.72	18.95	ONE	5.560	80.1	3.0	50.6										
46630.0	47220.0	0.599	314.6	-19.5	-1.19	1.286	63.6	0.754	3.179	62.4	163.8	0.781D	5.577A	-0.35	0.297	127.4	207.7	-1.7	0.282
		13.19	7.78	20.96	ONE	5.560	80.1	3.0	52.4										

ARRIVAL DATE = 2447240.0

46500.0	47240.0	0.589	333.6	-7.7	1.52	1.296	115.0	0.739	3.002	300.1	529.2	0.783	5.221A	-1.62	0.263	116.8	198.0	-2.5	0.249
		12.91	7.44	20.35	TWO	5.774	81.9	3.0	63.9										
46510.0	47240.0	0.531	337.0	-5.2	1.82	1.297	111.4	0.726	3.060	308.4	527.5	0.837	5.283A	-2.03	0.275	118.3	201.1	-3.1	0.249
		11.49	7.43	18.92	TWO	5.774	81.9	3.0	60.7										
46520.0	47240.0	0.478	339.2	-2.2	2.36	1.297	107.9	0.716	3.116	316.7	526.0	0.886	5.346A	-2.67	0.285	119.6	203.8	-3.9	0.249
		10.21	7.43	17.64	TWO	5.774	81.9	3.0	58.0										
46530.0	47240.0	0.430	339.4	2.3	3.47	1.296	104.3	0.707	3.167	325.2	524.5	0.927	5.406A	-3.89	0.294	120.6	206.1	-5.3	0.250
		9.11	7.44	16.55	TWO	5.774	81.9	3.0	55.7										
46540.0	47240.0	0.403	335.5	13.8	6.89	1.296	100.8	0.701	3.212	333.7	523.3	0.962	5.462A	-7.42	0.301	121.4	207.7	-8.9	0.254
		8.50	7.48	15.99	TWO	5.774	81.9	3.0	54.2										

DEPART	ARRIVE	SPEED	R A	DECL	I 1	V 1	PSI 1	ECCEN	SMA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
		DV1	DV2	DVT	LEG	CDIST	RAS	DECLS	LAMDA										
46560.0	47240.0	0.342	348.6	-33.4	-6.67	1.294	93.5	0.693	3.275	351.5	521.6	1.005	5.546A	5.95	0.311	122.6	211.0	4.6	0.255
		7.21	7.49	14.70	ONE	5.774	81.9	3.0	51.5										
46570.0	47240.0	0.313	336.4	-25.3	-3.44	1.293	89.7	0.693	3.291	0.7	161.2	1.012D	5.570A	2.62	0.314	123.0	211.7	1.1	0.254
		6.64	7.48	14.12	ONE	5.774	81.9	3.0	50.4										
46580.0	47240.0	0.317	327.5	-23.4	-2.36	1.292	85.8	0.694	3.294	10.2	161.1	1.007D	5.581A	1.44	0.314	123.3	211.8	-0.1	0.255
		6.73	7.49	14.22	ONE	5.774	81.9	3.0	50.2										
46590.0	47240.0	0.344	320.4	-22.6	-1.84	1.291	81.8	0.699	3.284	20.0	161.3	0.990D	5.579A	0.82	0.313	123.5	211.6	-0.8	0.257
		7.25	7.51	14.76	ONE	5.774	81.9	3.0	50.4										
46600.0	47240.0	0.388	315.7	-22.1	-1.54	1.289	77.6	0.706	3.261	30.2	161.9	0.959D	5.563A	0.41	0.309	123.7	210.9	-1.2	0.259
		8.18	7.53	15.72	ONE	5.774	81.9	3.0	51.0										
46610.0	47240.0	0.447	313.6	-21.3	-1.36	1.287	73.2	0.716	3.225	40.6	162.8	0.915D	5.536A	0.10	0.304	123.9	209.8	-1.4	0.262
		9.49	7.56	17.05	ONE	5.774	81.9	3.0	52.1										
46620.0	47240.0	0.516	313.4	-20.5	-1.25	1.285	68.6	0.731	3.178	51.2	163.9	0.856D	5.500A	-0.14	0.296	124.2	208.3	-1.6	0.265
		11.12	7.60	18.72	ONE	5.774	81.9	3.0	53.6										
46630.0	47240.0	0.594	314.9	-19.5	-1.18	1.284	63.9	0.749	3.122	62.1	165.3	0.785D	5.459A	-0.35	0.286	124.6	206.5	-1.7	0.271
		13.04	7.66	20.70	ONE	5.774	81.9	3.0	55.4										
									ARRIVAL DATE = 2447260.0										
46500.0	47260.0	0.590	333.9	-7.7	1.46	1.295	115.1	0.737	2.972	299.7	530.6	0.780	5.164A	-1.57	0.256	113.9	196.5	-2.4	0.243
		12.95	7.38	20.33	TWO	5.917	83.8	3.0	67.2										
46510.0	47260.0	0.532	337.3	-5.3	1.72	1.295	111.5	0.724	3.026	308.0	529.0	0.835	5.216A	-1.96	0.267	115.6	199.6	-3.0	0.242
		11.51	7.36	18.87	TWO	5.917	83.8	3.0	64.0										
46520.0	47260.0	0.478	339.6	-2.5	2.19	1.295	107.9	0.713	3.076	316.4	527.5	0.884	5.269A	-2.53	0.277	116.9	202.4	-3.8	0.241
		10.20	7.36	17.56	TWO	5.917	83.8	3.0	61.2										
46530.0	47260.0	0.429	340.0	1.5	3.13	1.295	104.4	0.703	3.123	324.9	526.1	0.927	5.320A	-3.57	0.286	118.0	204.8	-5.0	0.242
		9.07	7.36	16.43	TWO	5.917	83.8	3.0	58.9										
46540.0	47260.0	0.395	336.9	10.5	5.71	1.294	100.8	0.696	3.164	333.5	524.9	0.961	5.367A	-6.25	0.293	118.9	206.5	-8.0	0.244
		8.32	7.38	15.71	TWO	5.917	83.8	3.0	57.7										
46560.0	47260.0	0.351	351.6	-37.5	-8.00	1.292	93.5	0.688	3.222	351.4	523.3	1.005	5.438A	7.27	0.303	120.1	209.7	6.2	0.246
		7.40	7.41	14.81	ONE	5.917	83.8	3.0	54.7										
46570.0	47260.0	0.312	337.1	-26.3	-3.71	1.291	89.7	0.687	3.235	0.6	162.9	1.012D	5.459A	2.88	0.305	120.5	210.4	1.5	0.244
		6.62	7.39	14.01	ONE	5.917	83.8	3.0	53.5										
46580.0	47260.0	0.315	327.8	-23.7	-2.46	1.290	85.9	0.689	3.238	10.1	162.8	1.007D	5.468A	1.53	0.305	120.8	210.6	0.1	0.245
		6.69	7.39	14.08	ONE	5.917	83.8	3.0	53.2										
46590.0	47260.0	0.341	320.6	-22.8	-1.88	1.289	81.9	0.693	3.228	19.9	163.0	0.990D	5.465A	0.85	0.304	121.0	210.4	-0.7	0.247
		7.20	7.41	14.61	ONE	5.917	83.8	3.0	53.4										
46600.0	47260.0	0.385	316.0	-22.1	-1.56	1.287	77.7	0.701	3.206	30.0	163.5	0.960D	5.452A	0.42	0.300	121.2	209.7	-1.1	0.249
		8.12	7.43	15.55	ONE	5.917	83.8	3.0	54.1										
46610.0	47260.0	0.443	313.8	-21.3	-1.36	1.285	73.4	0.711	3.172	40.4	164.4	0.916D	5.428A	0.11	0.295	121.3	208.6	-1.4	0.252
		9.40	7.46	16.86	ONE	5.917	83.8	3.0	55.2										
46620.0	47260.0	0.511	313.7	-20.4	-1.24	1.284	68.9	0.726	3.128	51.0	165.4	0.859D	5.398A	-0.14	0.287	121.5	207.1	-1.5	0.256
		11.01	7.50	18.51	ONE	5.917	83.8	3.0	56.7										
46630.0	47260.0	0.588	315.1	-19.4	-1.17	1.282	64.1	0.744	3.076	61.7	166.7	0.788D	5.363A	-0.35	0.277	121.8	205.3	-1.6	0.261
		12.90	7.56	20.46	ONE	5.917	83.8	3.0	58.5										
									ARRIVAL DATE = 2447280.0										
46500.0	47280.0	0.592	334.2	-7.7	1.39	1.294	115.3	0.736	2.947	299.2	531.9	0.777	5.117A	-1.53	0.250	111.0	195.0	-2.3	0.238
		13.01	7.33	20.33	TWO	5.983	85.6	3.1	70.5										
46510.0	47280.0	0.533	337.7	-5.4	1.63	1.294	111.7	0.722	2.997	307.6	530.4	0.833	5.161A	-1.89	0.261	112.8	198.2	-2.9	0.236
		11.54	7.31	18.84	TWO	5.983	85.6	3.1	67.3										
46520.0	47280.0	0.478	340.0	-2.8	2.04	1.294	108.1	0.710	3.044	316.1	528.9	0.883	5.206A	-2.41	0.271	114.2	201.0	-3.6	0.234
		10.21	7.29	17.50	TWO	5.983	85.6	3.1	64.5										
46530.0	47280.0	0.428	340.6	0.8	2.84	1.293	104.5	0.700	3.087	324.6	527.6	0.925	5.249A	-3.30	0.279	115.4	203.4	-4.8	0.234
		9.06	7.29	16.35	TWO	5.983	85.6	3.1	62.1										
46540.0	47280.0	0.390	338.1	8.0	4.85	1.293	100.9	0.693	3.125	333.3	526.5	0.961	5.289A	-5.41	0.286	116.4	205.2	-7.2	0.235
		8.22	7.30	15.52	TWO	5.983	85.6	3.1	60.2										
46550.0	47280.0	0.488	322.5	43.2	17.84	1.292	97.3	0.687	3.155	341.9	525.6	0.987	5.323A	-18.50	0.291	117.1	204.7	-19.9	0.258
		10.44	7.53	17.97	TWO	5.983	85.6	3.1	61.7										
46560.0	47280.0	0.370	356.6	-43.1	-10.08	1.291	93.6	0.684	3.177	351.2	524.9	1.005	5.350A	9.33	0.295	117.6	208.4	8.7	0.241
		7.79	7.35	15.15	ONE	5.983	85.6	3.1	58.2										
46570.0	47280.0	0.312	338.1	-27.5	-4.04	1.290	89.8	0.683	3.189	0.4	164.5	1.012D	5.367A	3.20	0.297	118.1	209.2	2.1	0.236
		6.62	7.30	13.92	ONE	5.983	85.6	3.1	56.6										
46580.0	47280.0	0.314	328.3	-24.1	-2.57	1.288	86.0	0.684	3.191	9.9	164.4	1.007D	5.375A	1.63	0.297	118.3	209.4	0.3	0.236
		6.65	7.31	13.96	ONE	5.983	85.6	3.1	56.3										
46590.0	47280.0	0.339	321.0	-22.9	-1.93	1.287	82.0	0.689	3.182	19.7	164.6	0.991D	5.372A	0.89	0.296	118.5	209.1	-0.5	0.238
		7.15	7.32	14.47	ONE	5.983	85.6	3.1	56.5										

1986
EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46600.0	47280.0	0.382 8.05	316.3 7.34	-22.1 15.39	-1.58 ONE	1.285 5.983	77.8 85.6	0.696 3.1	3.161 57.2	29.8	165.1	0.961D	5.361A	0.43	0.292	118.6	208.4	-1.0	0.240
46610.0	47280.0	0.439 9.31	314.1 7.37	-21.3 16.68	-1.37 ONE	1.284 5.983	73.6 85.6	0.707 3.1	3.129 58.3	40.1	165.9	0.918D	5.341A	0.11	0.287	118.7	207.3	-1.3	0.243
46620.0	47280.0	0.507 10.89	314.0 7.41	-20.4 18.30	-1.24 ONE	1.282 5.983	69.1 85.6	0.721 3.1	3.088 59.7	50.6	166.9	0.861D	5.315A	-0.14	0.279	118.8	205.8	-1.5	0.247
46630.0	47280.0	0.582 12.76	315.4 7.47	-19.3 20.23	-1.16 ONE	1.280 5.983	64.4 85.6	0.739 3.1	3.039 61.5	61.3	168.0	0.792D	5.285A	-0.36	0.270	119.0	204.0	-1.6	0.253
ARRIVAL DATE = 2447300.0																			
46500.0	47300.0	0.595 13.08	334.6 7.29	-7.7 20.37	1.33 TWO	1.293 5.970	115.5 87.4	0.736 3.1	2.928 73.8	298.6	533.1	0.774	5.081A	-1.50	0.245	108.1	193.5	-2.2	0.234
46510.0	47300.0	0.535 11.59	338.1 7.26	-5.5 18.85	1.55 TWO	1.293 5.970	111.8 87.4	0.721 3.1	2.974 70.6	307.1	531.7	0.831	5.117A	-1.83	0.255	110.0	196.7	-2.8	0.231
46520.0	47300.0	0.479 10.24	340.5 7.24	-3.0 17.48	1.91 TWO	1.293 5.970	108.2 87.4	0.708 3.1	3.018 67.8	315.6	530.3	0.881	5.155A	-2.30	0.265	111.6	199.5	-3.5	0.229
46530.0	47300.0	0.428 9.06	341.2 7.23	0.2 16.29	2.59 TWO	1.292 5.970	104.6 87.4	0.698 3.1	3.058 65.3	324.2	529.0	0.924	5.191A	-3.07	0.273	112.8	201.9	-4.5	0.228
46540.0	47300.0	0.387 8.15	339.1 7.23	6.2 15.39	4.19 TWO	1.291 5.970	101.0 87.4	0.690 3.1	3.092 63.4	332.9	528.0	0.960	5.225A	-4.77	0.279	113.8	203.9	-6.6	0.228
46550.0	47300.0	0.410 8.65	328.5 7.33	29.5 15.98	11.69 TWO	1.290 5.970	97.4 87.4	0.684 3.1	3.120 63.0	341.7	527.1	0.987	5.254A	-12.36	0.285	114.6	204.5	-14.7	0.238
46560.0	47300.0	0.413 8.71	6.3 7.34	-51.2 16.06	-13.77 ONE	1.289 5.970	93.6 87.4	0.680 3.1	3.141 62.1	351.0	526.4	1.005	5.277A	13.01	0.288	115.2	206.9	12.8	0.240
46570.0	47300.0	0.313 6.64	339.3 7.23	-28.9 13.87	-4.45 ONE	1.288 5.970	89.9 87.4	0.679 3.1	3.152 59.8	0.2	166.1	1.012D	5.292A	3.60	0.290	115.6	207.8	2.7	0.228
46580.0	47300.0	0.312 6.63	329.0 7.24	-24.5 13.86	-2.70 ONE	1.287 5.970	86.1 87.4	0.680 3.1	3.153 59.4	9.7	166.0	1.008D	5.298A	1.75	0.290	115.9	208.0	C.6	0.228
46590.0	47300.0	0.336 7.10	321.5 7.25	-23.0 14.35	-1.98 ONE	1.285 5.970	82.1 87.4	0.685 3.1	3.144 59.6	19.4	166.1	0.992D	5.296A	0.93	0.289	116.0	207.8	-0.4	0.230
46600.0	47300.0	0.379 7.98	316.7 7.27	-22.1 15.25	-1.60 ONE	1.284 5.970	78.0 87.4	0.692 3.1	3.124 60.3	29.4	166.6	0.962D	5.286A	0.45	0.285	116.1	207.1	-C.9	0.232
46610.0	47300.0	0.435 9.22	314.5 7.30	-21.2 16.52	-1.37 ONE	1.282 5.970	73.8 87.4	0.703 3.1	3.095 61.4	39.7	167.3	0.920D	5.269A	0.11	0.280	116.1	206.0	-1.2	0.235
46620.0	47300.0	0.502 10.77	314.3 7.34	-20.3 18.12	-1.23 ONE	1.281 5.970	69.3 87.4	0.717 3.1	3.056 62.8	50.1	168.2	0.864D	5.247A	-0.14	0.272	116.1	204.5	-1.4	0.239
46630.0	47300.0	0.577 12.61	315.8 7.40	-19.2 20.01	-1.15 ONE	1.279 5.970	64.7 87.4	0.735 3.1	3.009 64.6	60.7	169.3	0.796D	5.222A	-0.36	0.263	116.2	202.8	-1.5	0.245
ARRIVAL DATE = 2447320.0																			
46500.0	47320.0	0.599 13.17	335.1 7.26	-7.7 20.43	1.28 TWO	1.292 5.879	115.8 89.2	0.736 3.1	2.912 77.1	298.0	534.3	0.770	5.053A	-1.47	0.240	105.2	192.0	-2.1	0.231
46510.0	47320.0	0.538 11.65	338.6 7.22	-5.5 18.88	1.47 TWO	1.292 5.879	112.0 89.2	0.720 3.1	2.955 73.9	306.6	532.9	0.827	5.083A	-1.77	0.251	107.2	195.2	-2.7	0.227
46520.0	47320.0	0.481 10.28	341.0 7.20	-3.1 17.48	1.79 TWO	1.292 5.879	108.4 89.2	0.707 3.1	2.996 71.0	315.2	531.6	0.878	5.114A	-2.20	0.260	108.9	198.0	-3.4	0.224
46530.0	47320.0	0.429 9.08	341.8 7.18	-0.2 16.26	2.37 TWO	1.291 5.879	104.7 89.2	0.696 3.1	3.033 68.6	323.8	530.4	0.922	5.145A	-2.88	0.267	110.2	200.5	-4.3	0.222
46540.0	47320.0	0.386 8.13	340.1 7.18	4.7 15.31	3.67 TWO	1.290 5.879	101.1 89.2	0.687 3.1	3.066 66.6	332.5	529.4	0.958	5.173A	-4.27	0.274	111.3	202.5	-6.1	0.222
46550.0	47320.0	0.379 7.98	332.1 7.22	21.0 15.21	8.57 TWO	1.289 5.879	97.5 89.2	0.681 3.1	3.092 65.6	341.4	528.5	0.986	5.198A	-9.26	0.279	112.2	203.5	-11.8	0.227
46560.0	47320.0	0.532 11.50	32.3 7.48	-61.5 18.98	-22.05 ONE	1.288 5.879	93.7 89.2	0.677 3.1	3.111 67.3	350.8	527.9	1.004	5.217A	21.26	0.282	112.7	204.8	20.6	0.254
46570.0	47320.0	0.315 6.68	340.8 7.18	-30.7 13.85	-4.99 ONE	1.287 5.879	90.1 89.2	0.676 3.1	3.121 63.0	359.9	527.6	1.012	5.230A	4.11	0.284	113.2	206.5	3.5	0.222
46580.0	47320.0	0.311 6.60	329.8 7.17	-24.9 13.78	-2.85 ONE	1.286 5.879	86.2 89.2	0.677 3.1	3.122 62.6	9.3	167.4	1.008D	5.236A	1.88	0.284	113.5	206.7	C.8	0.222
46590.0	47320.0	0.334 7.05	322.1 7.19	-23.1 14.24	-2.03 ONE	1.284 5.879	82.3 89.2	0.681 3.1	3.113 62.8	19.1	167.6	0.992D	5.234A	0.98	0.283	113.6	206.4	-C.2	0.223
46600.0	47320.0	0.376 7.91	317.2 7.21	-22.1 15.12	-1.62 ONE	1.283 5.879	78.2 89.2	0.689 3.1	3.095 63.4	29.0	168.0	0.964D	5.225A	0.46	0.279	113.6	205.8	-0.8	0.225
46610.0	47320.0	0.431 9.13	314.9 7.24	-21.2 16.36	-1.38 ONE	1.281 5.879	74.0 89.2	0.699 3.1	3.067 64.5	39.2	168.7	0.922D	5.211A	0.11	0.274	113.6	204.7	-1.2	0.228
46620.0	47320.0	0.497 10.66	314.8 7.28	-20.2 17.94	-1.23 ONE	1.280 5.879	69.6 89.2	0.714 3.1	3.030 65.9	49.6	169.5	0.868D	5.192A	-0.15	0.267	113.5	203.3	-1.4	0.233

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46630.0	47320.0	0.571	316.2	-19.1	-1.13	1.278	65.0	0.732	2.986	60.2	170.5	0.8010	5.171A	-0.36	0.257	113.4	201.5	-1.5	0.239
		12.46	7.34	19.80	ONE	5.879	89.2	3.1	67.6										
ARRIVAL DATE = 2447340.0																			
46500.0	47340.0	0.603	335.5	-7.7	1.22	1.292	116.0	0.736	2.899	297.3	535.5	0.766	5.033A	-1.44	0.236	102.3	190.6	-2.0	0.229
		13.28	7.24	20.52	TWO	5.717	91.0	3.1	80.3										
46510.0	47340.0	0.541	339.0	-5.5	1.39	1.292	112.3	0.720	2.940	306.0	534.1	0.824	5.056A	-1.72	0.246	104.5	193.7	-2.6	0.224
		11.73	7.20	18.93	TWO	5.717	91.0	3.1	77.1										
46520.0	47340.0	0.483	341.5	-3.2	1.68	1.291	108.6	0.706	2.979	314.6	532.9	0.876	5.082A	-2.11	0.255	106.3	196.6	-3.2	0.220
		10.34	7.16	17.50	TWO	5.717	91.0	3.1	74.3										
46530.0	47340.0	0.430	342.5	-0.6	2.18	1.290	104.9	0.695	3.014	323.3	531.7	0.920	5.107A	-2.71	0.263	107.7	199.0	-4.1	0.218
		9.11	7.14	16.26	TWO	5.717	91.0	3.1	71.8										
46540.0	47340.0	0.385	341.1	3.6	3.25	1.289	101.3	0.686	3.044	332.1	530.7	0.957	5.131A	-3.87	0.269	108.8	201.0	-5.6	0.217
		8.12	7.13	15.26	TWO	5.717	91.0	3.1	69.8										
46550.0	47340.0	0.365	334.7	15.5	6.70	1.288	97.7	0.679	3.069	341.0	529.9	0.985	5.152A	-7.41	0.274	109.7	202.3	-9.9	0.219
		7.68	7.15	14.83	TWO	5.717	91.0	3.1	68.5										
46570.0	47340.0	0.319	342.9	-32.9	-5.70	1.286	90.2	0.673	3.096	359.5	529.0	1.012	5.179A	4.81	0.279	110.8	205.1	4.5	0.217
		6.75	7.13	13.88	ONE	5.717	91.0	3.1	66.3										
46580.0	47340.0	0.310	330.8	-25.4	-3.02	1.285	86.4	0.674	3.096	9.0	168.9	1.0090	5.184A	2.05	0.279	111.1	205.3	1.2	0.216
		6.58	7.12	13.70	ONE	5.717	91.0	3.1	65.8										
46590.0	47340.0	0.332	322.8	-23.2	-2.10	1.283	82.5	0.678	3.088	18.7	169.0	0.9940	5.183A	1.03	0.278	111.2	205.1	-0.1	0.217
		7.01	7.13	14.14	ONE	5.717	91.0	3.1	65.9										
46600.0	47340.0	0.372	317.8	-22.0	-1.64	1.282	78.4	0.686	3.071	28.6	169.4	0.9660	5.176A	0.48	0.274	111.2	204.4	-0.7	0.219
		7.84	7.15	15.00	ONE	5.717	91.0	3.1	66.6										
46610.0	47340.0	0.427	315.4	-21.1	-1.38	1.280	74.2	0.696	3.044	38.7	170.0	0.9250	5.164A	0.12	0.269	111.1	203.4	-1.1	0.223
		9.03	7.18	16.22	ONE	5.717	91.0	3.1	67.6										
46620.0	47340.0	0.492	315.2	-20.1	-1.22	1.279	69.9	0.711	3.010	49.1	170.8	0.8710	5.148A	-0.15	0.262	110.9	202.0	-1.3	0.227
		10.54	7.23	17.77	ONE	5.717	91.0	3.1	69.0										
46630.0	47340.0	0.565	316.7	-19.0	-1.12	1.277	65.4	0.729	2.968	59.5	171.7	0.8050	5.130A	-0.37	0.253	110.7	200.3	-1.4	0.234
		12.32	7.28	19.60	ONE	5.717	91.0	3.1	70.6										
46640.0	47340.0	0.644	319.2	-17.7	-1.06	1.276	60.7	0.750	2.920	70.1	172.7	0.7290	5.112A	-0.56	0.242	110.5	198.5	-1.5	0.242
		14.33	7.36	21.69	ONE	5.717	91.0	3.1	72.5										
ARRIVAL DATE = 2447360.0																			
46500.0	47360.0	0.608	336.0	-7.6	1.17	1.291	116.3	0.737	2.890	296.6	536.6	0.761	5.019A	-1.41	0.233	99.5	189.3	-1.9	0.228
		13.40	7.23	20.63	TWO	5.493	92.8	3.1	83.4										
46510.0	47360.0	0.545	339.5	-5.5	1.32	1.291	112.5	0.720	2.928	305.3	535.3	0.820	5.037A	-1.67	0.243	101.8	192.4	-2.5	0.222
		11.83	7.18	19.01	TWO	5.493	92.8	3.1	80.3										
46520.0	47360.0	0.486	342.1	-3.3	1.57	1.290	108.8	0.706	2.965	314.0	534.1	0.873	5.057A	-2.03	0.251	103.7	195.2	-3.1	0.218
		10.41	7.14	17.55	TWO	5.493	92.8	3.1	77.5										
46530.0	47360.0	0.433	343.2	-0.9	2.01	1.290	105.1	0.694	2.998	322.8	533.0	0.918	5.078A	-2.56	0.259	105.2	197.6	-3.9	0.215
		9.16	7.11	16.27	TWO	5.493	92.8	3.1	75.0										
46540.0	47360.0	0.396	342.1	2.7	2.90	1.289	101.5	0.684	3.027	331.6	532.0	0.955	5.098A	-3.54	0.265	106.4	199.6	-5.3	0.213
		8.13	7.10	15.23	TWO	5.493	92.8	3.1	73.0										
46550.0	47360.0	0.357	336.8	11.6	5.45	1.288	97.8	0.677	3.050	340.5	531.3	0.984	5.115A	-6.18	0.269	107.3	201.1	-8.6	0.214
		7.53	7.11	14.64	TWO	5.493	92.8	3.1	71.5										
46570.0	47360.0	0.325	345.7	-36.1	-6.69	1.285	90.4	0.671	3.075	359.0	530.3	1.012	5.139A	5.79	0.274	108.4	203.8	5.9	0.213
		6.88	7.10	13.98	ONE	5.493	92.8	3.1	69.5										
46580.0	47360.0	0.309	331.9	-26.0	-3.23	1.284	86.6	0.672	3.076	8.5	170.2	1.0090	5.143A	2.24	0.275	108.7	204.0	1.5	0.211
		6.57	7.08	13.65	ONE	5.493	92.8	3.1	69.0										
46590.0	47360.0	0.329	323.7	-23.3	-2.17	1.282	82.7	0.676	3.068	18.2	170.3	0.9950	5.142A	1.09	0.273	108.8	203.8	0.1	0.212
		6.96	7.09	14.05	ONE	5.493	92.8	3.1	69.1										
46600.0	47360.0	0.369	318.5	-22.0	-1.67	1.281	78.7	0.683	3.052	28.1	170.7	0.9680	5.136A	0.50	0.270	108.8	203.1	-0.6	0.214
		7.77	7.11	14.88	ONE	5.493	92.8	3.1	69.7										
46610.0	47360.0	0.423	316.0	-21.0	-1.39	1.279	74.5	0.694	3.027	38.2	171.2	0.9280	5.126A	0.12	0.265	108.6	202.1	-1.0	0.218
		8.94	7.14	16.08	ONE	5.493	92.8	3.1	70.7										
46620.0	47360.0	0.487	315.8	-20.0	-1.21	1.278	70.2	0.708	2.994	48.4	172.0	0.8750	5.113A	-0.15	0.258	108.3	200.8	-1.3	0.223
		10.42	7.18	17.60	ONE	5.493	92.8	3.1	72.0										
46630.0	47360.0	0.559	317.1	-18.9	-1.11	1.276	65.7	0.726	2.954	58.8	172.8	0.8100	5.098A	-0.37	0.249	108.0	199.2	-1.4	0.229
		12.17	7.24	19.41	ONE	5.493	92.8	3.1	73.6										
46640.0	47360.0	0.637	319.7	-17.6	-1.05	1.275	61.1	0.747	2.909	69.3	173.7	0.7350	5.083A	-0.56	0.238	107.7	197.4	-1.5	0.237
		14.15	7.32	21.47	ONE	5.493	92.8	3.1	75.4										
ARRIVAL DATE = 2447380.0																			
46500.0	47380.0	0.613	336.5	-7.6	1.12	1.291	116.7	0.738	2.883	295.9	537.6	0.755	5.010A	-1.39	0.231	96.7	188.1	-1.8	0.227
		13.54	7.23	20.76	TWO	5.222	94.6	3.1	86.4										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46510.0	47380.0	0.550	340.0	-5.5	1.26	1.291	112.8	0.721	2.920	304.6	536.4	0.816	5.023A	-1.63	0.240	99.1	191.1	-2.3	0.221
		11.94	7.17	19.11	TWO	5.222	94.6	3.1	83.4										
46520.0	47380.0	0.490	342.6	-3.4	1.48	1.290	109.1	0.706	2.954	313.4	535.3	0.869	5.039A	-1.96	0.248	101.1	193.8	-2.9	0.216
		10.49	7.12	17.62	TWO	5.222	94.6	3.1	80.7										
46530.0	47380.0	0.435	343.9	-1.1	1.86	1.289	105.4	0.693	2.986	322.2	534.2	0.916	5.056A	-2.43	0.255	102.7	196.2	-3.7	0.212
		9.22	7.09	16.31	TWO	5.222	94.6	3.1	78.2										
46540.0	47380.0	0.387	343.0	2.0	2.61	1.288	101.7	0.683	3.013	331.1	533.3	0.954	5.072A	-3.27	0.261	104.0	198.3	-4.9	0.210
		8.16	7.07	15.24	TWO	5.222	94.6	3.1	76.2										
46550.0	47380.0	0.354	338.5	8.9	4.55	1.287	98.0	0.676	3.035	340.0	532.5	0.983	5.087A	-5.30	0.266	104.9	199.8	-7.6	0.209
		7.46	7.07	14.53	TWO	5.222	94.6	3.1	74.6										
46560.0	47380.0	0.493	316.3	48.3	19.50	1.286	94.4	0.671	3.050	349.0	532.0	1.002	5.098A	-20.33	0.269	105.6	199.0	-23.1	0.239
		10.57	7.34	17.91	TWO	5.222	94.6	3.1	75.5										
46570.0	47380.0	0.338	349.7	-40.5	-8.20	1.284	90.6	0.669	3.059	358.5	531.6	1.012	5.106A	7.28	0.271	106.1	202.5	7.9	0.210
		7.13	7.08	14.21	ONE	5.222	94.6	3.1	72.8										
46580.0	47380.0	0.309	333.2	-26.7	-3.47	1.283	86.8	0.670	3.060	8.0	171.5	1.0100	5.110A	2.48	0.271	106.4	202.6	1.9	0.207
		6.56	7.05	13.61	ONE	5.222	94.6	3.1	72.1										
46590.0	47380.0	0.327	324.6	-23.4	-2.24	1.282	82.9	0.674	3.052	17.7	171.6	0.9960	5.109A	1.16	0.269	106.5	202.4	0.3	0.208
		6.92	7.06	13.97	ONE	5.222	94.6	3.1	72.2										
46600.0	47380.0	0.366	319.2	-21.9	-1.69	1.280	78.9	0.681	3.037	27.5	171.9	0.9700	5.104A	0.52	0.266	106.4	201.8	-0.5	0.210
		7.70	7.08	14.78	ONE	5.222	94.6	3.1	72.8										
46610.0	47380.0	0.418	316.7	-20.9	-1.39	1.279	74.8	0.691	3.013	37.6	172.4	0.9310	5.096A	0.12	0.261	106.2	200.9	-0.9	0.214
		8.84	7.11	15.95	ONE	5.222	94.6	3.1	73.7										
46620.0	47380.0	0.482	316.3	-19.8	-1.21	1.277	70.5	0.705	2.982	47.8	173.1	0.8790	5.085A	-0.16	0.255	105.8	199.6	-1.2	0.219
		10.30	7.15	17.44	ONE	5.222	94.6	3.1	75.0										
46630.0	47380.0	0.553	317.7	-18.7	-1.10	1.276	66.1	0.723	2.944	58.1	173.9	0.8150	5.073A	-0.38	0.246	105.4	198.0	-1.4	0.225
		12.02	7.21	19.23	ONE	5.222	94.6	3.1	76.5										
46640.0	47380.0	0.630	320.2	-17.4	-1.03	1.275	61.5	0.744	2.901	68.5	174.7	0.7410	5.060A	-0.57	0.235	104.9	196.3	-1.4	0.233
		13.98	7.28	21.26	ONE	5.222	94.6	3.1	78.2										

ARRIVAL DATE = 2447400.0

46500.0	47400.0	0.619	337.0	-7.5	1.07	1.291	117.0	0.739	2.878	295.1	538.6	0.750	5.007A	-1.36	0.229	94.0	187.0	-1.7	0.227
		13.69	7.23	20.92	TWO	4.924	96.4	3.0	89.4										
46510.0	47400.0	0.555	340.6	-5.5	1.19	1.290	113.1	0.722	2.913	303.9	537.5	0.811	5.015A	-1.59	0.238	96.5	189.9	-2.2	0.220
		12.06	7.16	19.22	TWO	4.924	96.4	3.0	86.5										
46520.0	47400.0	0.494	343.2	-3.4	1.39	1.290	109.3	0.706	2.946	312.7	536.4	0.866	5.027A	-1.89	0.246	98.6	192.5	-2.8	0.214
		10.59	7.11	17.70	TWO	4.924	96.4	3.0	83.8										
46530.0	47400.0	0.438	344.6	-1.3	1.72	1.289	105.6	0.693	2.976	321.5	535.4	0.913	5.039A	-2.32	0.253	100.3	194.9	-3.5	0.210
		9.29	7.07	16.37	TWO	4.924	96.4	3.0	81.3										
46540.0	47400.0	0.389	344.0	1.4	2.35	1.288	101.9	0.683	3.002	330.5	534.5	0.951	5.052A	-3.04	0.258	101.6	196.9	-4.6	0.207
		8.21	7.05	15.26	TWO	4.924	96.4	3.0	79.3										
46550.0	47400.0	0.353	340.1	6.9	3.88	1.286	98.3	0.675	3.023	339.4	533.8	0.981	5.064A	-4.65	0.263	102.6	198.5	-6.8	0.206
		7.43	7.04	14.47	TWO	4.924	96.4	3.0	77.7										
46560.0	47400.0	0.390	325.9	31.8	11.83	1.285	94.6	0.670	3.038	348.5	533.2	1.002	5.074A	-12.68	0.266	103.4	198.9	-16.2	0.217
		8.22	7.13	15.35	TWO	4.924	96.4	3.0	77.2										
46570.0	47400.0	0.364	356.5	-47.2	-10.74	1.284	90.8	0.668	3.046	358.0	532.9	1.012	5.081A	9.81	0.267	103.8	201.2	11.0	0.211
		7.67	7.08	14.75	ONE	4.924	96.4	3.0	76.1										
46580.0	47400.0	0.309	334.7	-27.5	-3.78	1.283	87.0	0.668	3.047	7.4	172.7	1.0100	5.084A	2.77	0.268	104.1	201.3	2.4	0.204
		6.56	7.02	13.58	ONE	4.924	96.4	3.0	75.3										
46590.0	47400.0	0.325	325.6	-23.5	-2.33	1.281	83.2	0.672	3.040	17.1	172.8	0.9970	5.083A	1.24	0.266	104.2	201.2	0.5	0.204
		6.88	7.03	13.90	ONE	4.924	96.4	3.0	75.3										
46600.0	47400.0	0.362	320.1	-21.8	-1.72	1.280	79.2	0.679	3.026	26.9	173.1	0.9720	5.080A	0.55	0.263	104.1	200.6	-0.4	0.207
		7.63	7.05	14.68	ONE	4.924	96.4	3.0	75.8										
46610.0	47400.0	0.414	317.4	-20.7	-1.40	1.278	75.1	0.689	3.003	36.9	173.5	0.9340	5.073A	0.13	0.258	103.8	199.7	-0.9	0.210
		8.75	7.08	15.82	ONE	4.924	96.4	3.0	76.7										
46620.0	47400.0	0.476	317.0	-19.7	-1.20	1.277	70.8	0.703	2.974	47.0	174.2	0.8830	5.064A	-0.16	0.252	103.4	198.4	-1.2	0.215
		10.17	7.12	17.29	ONE	4.924	96.4	3.0	77.9										
46630.0	47400.0	0.547	318.2	-18.5	-1.08	1.276	66.4	0.721	2.938	57.3	174.9	0.8210	5.054A	-0.38	0.244	102.9	197.0	-1.3	0.222
		11.87	7.18	19.05	ONE	4.924	96.4	3.0	79.4										
46640.0	47400.0	0.623	320.7	-17.3	-1.01	1.274	61.9	0.742	2.896	67.6	175.6	0.7480	5.044A	-0.57	0.233	102.2	195.4	-1.4	0.230
		13.80	7.25	21.05	ONE	4.924	96.4	3.0	81.0										

ARRIVAL DATE = 2447420.0

46500.0	47420.0	0.626	337.5	-7.4	1.02	1.291	117.4	0.741	2.876	294.2	539.5	0.744	5.008A	-1.34	0.227	91.3	186.0	-1.7	0.228
		13.85	7.24	21.09	TWO	4.624	98.2	3.0	92.2										
46510.0	47420.0	0.560	341.1	-5.4	1.13	1.290	113.5	0.723	2.909	303.1	538.5	0.806	5.012A	-1.56	0.236	94.0	188.7	-2.1	0.220
		12.20	7.16	19.36	TWO	4.624	98.2	3.0	89.4										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46520.0	47420.0	0.499	343.9	-3.4	1.31	1.289	109.6	0.707	2.941	312.0	537.4	0.862	5.019A	-1.83	0.244	96.1	191.3	-2.7	0.214
		10.70	7.11	17.81	TWO	4.624	98.2	3.0	86.7										
46530.0	47420.0	0.442	345.3	-1.4	1.60	1.288	105.9	0.694	2.969	320.9	536.5	0.910	5.029A	-2.21	0.250	97.9	193.7	-3.4	0.209
		9.38	7.06	16.44	TWO	4.624	98.2	3.0	84.4										
46540.0	47420.0	0.392	344.9	1.0	2.14	1.287	102.2	0.683	2.994	329.8	535.6	0.949	5.039A	-2.84	0.256	99.3	195.7	-4.3	0.205
		8.26	7.03	15.30	TWO	4.624	98.2	3.0	82.4										
46550.0	47420.0	0.353	341.6	5.4	3.36	1.286	98.5	0.675	3.014	338.8	534.9	0.980	5.048A	-4.14	0.260	100.3	197.2	-6.1	0.204
		7.43	7.02	14.45	TWO	4.624	98.2	3.0	80.7										
46560.0	47420.0	0.354	331.0	22.0	8.32	1.285	94.8	0.670	3.028	347.9	534.4	1.001	5.056A	-9.18	0.263	101.1	198.0	-12.4	0.208
		7.47	7.06	14.52	TWO	4.624	98.2	3.0	79.8										
46570.0	47420.0	0.430	11.6	-57.5	-15.89	1.283	91.0	0.667	3.036	357.4	534.0	1.011	5.061A	14.95	0.265	101.6	200.0	16.8	0.219
		9.11	7.15	16.26	ONE	4.624	98.2	3.0	79.6										
46580.0	47420.0	0.310	336.4	-28.7	-4.17	1.282	87.3	0.667	3.037	6.8	173.9	1.011D	5.064A	3.15	0.265	101.9	200.1	3.0	0.201
		6.58	7.00	13.58	ONE	4.624	98.2	3.0	78.3										
46590.0	47420.0	0.323	326.8	-23.6	-2.43	1.281	83.4	0.671	3.031	16.4	174.0	0.998D	5.064A	1.33	0.264	102.0	199.9	0.7	0.202
		6.84	7.00	13.84	ONE	4.624	98.2	3.0	78.3										
46600.0	47420.0	0.359	321.0	-21.7	-1.76	1.279	79.5	0.677	3.017	26.2	174.2	0.974D	5.061A	0.57	0.261	101.8	199.4	-0.3	0.204
		7.56	7.02	14.59	ONE	4.624	98.2	3.0	78.8										
46610.0	47420.0	0.410	318.2	-20.6	-1.40	1.278	75.4	0.687	2.996	36.2	174.6	0.937D	5.056A	0.13	0.256	101.5	198.5	-0.8	0.208
		8.65	7.05	15.70	ONE	4.624	98.2	3.0	79.7										
46620.0	47420.0	0.471	317.6	-19.5	-1.20	1.277	71.2	0.701	2.968	46.3	175.2	0.887D	5.049A	-0.16	0.250	101.0	197.4	-1.1	0.213
		10.05	7.10	17.15	ONE	4.624	98.2	3.0	80.8										
46630.0	47420.0	0.541	318.8	-18.4	-1.07	1.276	66.8	0.718	2.934	56.5	175.8	0.826D	5.041A	-0.39	0.242	100.4	196.0	-1.3	0.219
		11.72	7.15	18.87	ONE	4.624	98.2	3.0	82.2										
46640.0	47420.0	0.616	321.2	-17.1	-0.99	1.274	62.3	0.739	2.894	66.7	176.5	0.754D	5.033A	-0.58	0.232	99.7	194.5	-1.4	0.228
		13.62	7.23	20.85	ONE	4.624	98.2	3.0	83.7										

ARRIVAL DATE = 2447440.0

46500.0	47440.0	0.632	338.0	-7.3	0.98	1.291	117.8	0.744	2.875	293.3	540.4	0.737	5.013	-1.32	0.226	88.8	185.1	-1.6	0.229
		14.03	7.25	21.28	TWO	4.353	100.0	3.0	94.8										
46510.0	47440.0	0.566	341.7	-5.3	1.07	1.290	113.8	0.724	2.907	302.3	539.4	0.801	5.013A	-1.53	0.235	91.5	187.7	-2.0	0.221
		12.35	7.17	19.51	TWO	4.353	100.0	3.0	92.2										
46520.0	47440.0	0.504	344.5	-3.4	1.23	1.289	110.0	0.708	2.937	311.2	538.4	0.858	5.017A	-1.78	0.242	93.7	190.2	-2.6	0.214
		10.82	7.10	17.93	TWO	4.353	100.0	3.0	89.6										
46530.0	47440.0	0.446	346.1	-1.5	1.48	1.288	106.2	0.694	2.964	320.1	537.5	0.906	5.023A	-2.12	0.248	95.6	192.5	-3.2	0.208
		9.47	7.06	16.53	TWO	4.353	100.0	3.0	87.3										
46540.0	47440.0	0.395	345.9	0.7	1.95	1.287	102.5	0.683	2.988	329.1	536.7	0.947	5.030A	-2.67	0.254	97.0	194.5	-4.1	0.204
		8.33	7.03	15.36	TWO	4.353	100.0	3.0	85.3										
46550.0	47440.0	0.354	342.9	4.2	2.94	1.286	98.8	0.675	3.008	338.2	536.0	0.978	5.037A	-3.74	0.258	98.1	196.0	-5.6	0.202
		7.46	7.01	14.46	TWO	4.353	100.0	3.0	83.7										
46560.0	47440.0	0.339	334.5	15.8	6.32	1.285	95.1	0.669	3.021	347.3	535.5	1.000	5.043A	-7.20	0.261	98.9	197.0	-10.0	0.203
		7.16	7.02	14.18	TWO	4.353	100.0	3.0	82.6										
46580.0	47440.0	0.312	338.5	-30.2	-4.68	1.282	87.5	0.666	3.031	6.2	175.0	1.011D	5.050A	3.65	0.263	99.7	198.9	3.8	0.199
		6.61	6.99	13.60	ONE	4.353	100.0	3.0	81.3										
46590.0	47440.0	0.321	328.0	-23.8	-2.55	1.281	83.7	0.669	3.025	15.8	175.1	1.000D	5.050A	1.44	0.262	99.8	198.7	0.9	0.199
		6.80	6.99	13.79	ONE	4.353	100.0	3.0	81.3										
46600.0	47440.0	0.356	322.0	-21.6	-1.79	1.279	79.7	0.676	3.012	25.5	175.3	0.976D	5.047A	0.60	0.259	99.7	198.3	-0.2	0.202
		7.49	7.01	14.50	ONE	4.353	100.0	3.0	81.7										
46610.0	47440.0	0.405	319.0	-20.4	-1.41	1.278	75.7	0.686	2.992	35.4	175.7	0.940D	5.043A	0.14	0.255	99.3	197.5	-0.8	0.205
		8.55	7.04	15.59	ONE	4.353	100.0	3.0	82.5										
46620.0	47440.0	0.466	318.3	-19.3	-1.19	1.277	71.5	0.699	2.965	45.5	176.2	0.892D	5.038A	-0.17	0.248	98.8	196.4	-1.1	0.210
		9.93	7.08	17.00	ONE	4.353	100.0	3.0	83.6										
46630.0	47440.0	0.534	319.4	-18.2	-1.05	1.275	67.2	0.716	2.932	55.6	176.8	0.832D	5.032A	-0.40	0.241	98.1	195.1	-1.2	0.217
		11.57	7.14	18.70	ONE	4.353	100.0	3.0	84.9										
46640.0	47440.0	0.609	321.8	-16.9	-0.97	1.274	62.7	0.737	2.894	65.8	177.4	0.761D	5.027A	-0.59	0.231	97.2	193.7	-1.3	0.226
		13.44	7.21	20.65	ONE	4.353	100.0	3.0	86.3										

ARRIVAL DATE = 2447460.0

46500.0	47460.0	0.640	338.6	-7.2	0.93	1.291	118.2	0.746	2.876	292.4	541.3	0.730	5.021	-1.31	0.226	86.2	184.3	-1.5	0.231
		14.22	7.26	21.48	TWO	4.149	101.8	3.0	97.4										
46510.0	47460.0	0.572	342.3	-5.2	1.02	1.290	114.2	0.726	2.906	301.4	540.3	0.795	5.017	-1.50	0.234	89.1	186.9	-1.9	0.222
		12.51	7.18	19.68	TWO	4.149	101.8	3.0	94.8										
46520.0	47460.0	0.509	345.2	-3.4	1.15	1.289	110.3	0.709	2.935	310.4	539.4	0.853	5.018A	-1.73	0.241	91.4	189.3	-2.4	0.214
		10.95	7.11	18.06	TWO	4.149	101.8	3.0	92.4										
46530.0	47460.0	0.451	346.8	-1.5	1.38	1.288	106.5	0.695	2.962	319.4	538.5	0.903	5.021A	-2.04	0.247	93.3	191.5	-3.0	0.208
		9.58	7.06	16.64	TWO	4.149	101.8	3.0	90.2										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46540.0	47460.0	0.399 8.41	346.8 7.02	0.4 15.43	1.78 TWO	1.287 4.149	102.8 101.8	0.684 3.0	2.985 88.2	328.4	537.8	0.944	5.025A	-2.52	0.252	94.8	193.4	-3.8	0.204
46550.0	47460.0	0.356 7.49	344.3 7.00	3.4 14.49	2.59 TWO	1.286 4.149	99.1 101.8	0.675 3.0	3.003 86.7	337.4	537.1	0.976	5.030A	-3.41	0.256	96.0	194.9	-5.1	0.201
46560.0	47460.0	0.333 7.03	337.2 7.00	11.7 14.03	5.03 TWO	1.284 4.149	95.4 101.8	0.669 3.0	3.017 85.5	346.6	536.6	0.999	5.035A	-5.93	0.259	96.8	195.9	-8.5	0.201
46580.0	47460.0	0.315 6.68	341.0 6.98	-32.3 13.66	-5.38 ONE	1.282 4.149	87.8 101.8	0.666 3.0	3.026 84.2	5.5	176.1	1.012D	5.040A	4.33	0.261	97.7	197.8	4.7	0.198
46590.0	47460.0	0.319 6.77	329.4 6.97	-24.0 13.74	-2.69 ONE	1.280 4.149	84.0 101.8	0.669 3.0	3.021 84.2	15.0	176.1	1.001D	5.040A	1.58	0.260	97.7	197.7	1.1	0.198
46600.0	47460.0	0.352 7.42	323.0 6.99	-21.5 14.42	-1.83 ONE	1.279 4.149	80.1 101.8	0.675 3.0	3.009 84.6	24.8	176.3	0.978D	5.039A	0.64	0.257	97.5	197.2	-0.1	0.200
46610.0	47460.0	0.401 8.46	319.8 7.02	-20.2 15.48	-1.42 ONE	1.278 4.149	76.0 101.8	0.684 3.0	2.990 85.3	34.6	176.7	0.943D	5.036A	0.14	0.253	97.2	196.5	-0.7	0.204
46620.0	47460.0	0.460 9.80	319.1 7.07	-19.1 16.87	-1.18 ONE	1.277 4.149	71.9 101.8	0.698 3.0	2.964 86.3	44.6	177.1	0.896D	5.032A	-0.17	0.247	96.6	195.4	-1.0	0.209
46630.0	47460.0	0.528 11.41	320.1 7.12	-18.0 18.54	-1.04 ONE	1.276 4.149	67.6 101.8	0.714 3.0	2.933 87.5	54.7	177.7	0.837D	5.028A	-0.41	0.240	95.8	194.2	-1.2	0.216
46640.0	47460.0	0.602 13.26	322.4 7.20	-16.7 20.46	-0.95 ONE	1.274 4.149	63.1 101.8	0.735 3.0	2.896 88.8	64.8	178.2	0.768D	5.024A	-0.59	0.231	94.9	192.9	-1.3	0.224
ARRIVAL DATE = 2447480.0																			
46500.0	47480.0	0.648 14.42	339.2 7.28	-7.1 21.71	0.89 TWO	1.291 4.045	118.7 103.6	0.749 3.0	2.878 99.8	291.4	542.1	0.723	5.032	-1.29	0.225	83.8	183.7	-1.4	0.233
46510.0	47480.0	0.579 12.68	342.9 7.19	-5.1 19.87	0.96 TWO	1.290 4.045	114.6 103.6	0.729 3.0	2.907 97.4	300.5	541.2	0.789	5.025	-1.47	0.233	86.7	186.1	-1.9	0.223
46520.0	47480.0	0.515 11.10	345.9 7.12	-3.3 18.21	1.08 TWO	1.289 4.045	110.7 103.6	0.711 3.0	2.935 95.0	309.5	540.3	0.848	5.023	-1.68	0.240	89.1	188.4	-2.3	0.215
46530.0	47480.0	0.456 9.69	347.6 7.06	-1.5 16.75	1.28 TWO	1.288 4.045	106.9 103.6	0.696 3.0	2.961 92.9	318.5	539.5	0.899	5.023A	-1.97	0.246	91.1	190.5	-2.9	0.209
46540.0	47480.0	0.403 8.49	347.8 7.02	0.2 15.51	1.62 TWO	1.287 4.045	103.1 103.6	0.685 3.0	2.983 91.0	327.6	538.8	0.941	5.025A	-2.39	0.251	92.7	192.4	-3.6	0.204
46550.0	47480.0	0.358 7.54	345.6 6.99	2.7 14.54	2.30 TWO	1.286 4.045	99.4 103.6	0.675 3.0	3.001 89.5	336.7	538.1	0.974	5.028A	-3.14	0.255	93.9	193.9	-4.7	0.200
46560.0	47480.0	0.330 6.97	339.4 6.99	8.8 13.96	4.13 TWO	1.284 4.045	95.7 103.6	0.669 3.0	3.014 88.3	345.9	537.6	0.997	5.031A	-5.04	0.258	94.7	194.9	-7.3	0.199
46570.0	47480.0	0.522 11.27	309.2 7.33	52.7 18.60	21.92 TWO	1.283 4.045	92.0 103.6	0.666 3.0	3.022 87.9	355.1	537.3	1.010	5.033A	-22.90	0.259	95.3	194.5	-25.7	0.238
46580.0	47480.0	0.322 6.81	344.2 6.98	-35.5 13.79	-6.40 ONE	1.282 4.045	88.1 103.6	0.665 3.0	3.024 87.1	4.7	177.1	1.012D	5.035A	5.35	0.260	95.6	196.8	6.1	0.198
46590.0	47480.0	0.318 6.74	330.8 6.97	-24.2 13.70	-2.86 ONE	1.280 4.045	84.3 103.6	0.668 3.0	3.019 87.0	14.3	177.2	1.003D	5.035A	1.73	0.259	95.7	196.6	1.4	0.197
46600.0	47480.0	0.349 7.36	324.2 6.98	-21.4 14.34	-1.87 ONE	1.279 4.045	80.4 103.6	0.674 3.0	3.007 87.3	24.0	177.3	0.981D	5.034A	0.68	0.256	95.5	196.2	0.0	0.199
46610.0	47480.0	0.396 8.36	320.8 7.01	-20.0 15.37	-1.42 ONE	1.278 4.045	76.4 103.6	0.683 3.0	2.989 88.0	33.8	177.6	0.947D	5.032A	0.15	0.252	95.1	195.6	-0.6	0.203
46620.0	47480.0	0.455 9.67	319.9 7.06	-18.9 16.73	-1.17 ONE	1.277 4.045	72.2 103.6	0.696 3.0	2.965 88.9	43.8	178.0	0.901D	5.029A	-0.18	0.247	94.5	194.6	-1.0	0.208
46630.0	47480.0	0.522 11.26	320.8 7.11	-17.8 18.38	-1.02 ONE	1.276 4.045	68.0 103.6	0.713 3.0	2.935 90.0	53.8	178.5	0.843D	5.027A	-0.41	0.240	93.7	193.5	-1.2	0.215
46640.0	47480.0	0.595 13.08	323.0 7.19	-16.5 20.27	-0.93 ONE	1.275 4.045	63.6 103.6	0.733 3.0	2.900 91.2	63.9	179.0	0.775D	5.024A	-0.60	0.231	92.6	192.3	-1.3	0.223
ARRIVAL DATE = 2447500.0																			
46510.0	47500.0	0.586 12.86	343.6 7.21	-5.0 20.07	0.91 TWO	1.290 4.063	115.1 105.4	0.731 3.0	2.910 99.8	299.6	542.1	0.783	5.037	-1.45	0.233	84.5	185.5	-1.8	0.225
46520.0	47500.0	0.521 11.25	346.6 7.13	-3.2 18.38	1.02 TWO	1.289 4.063	111.1 105.4	0.713 3.0	2.937 97.6	308.6	541.2	0.843	5.031	-1.64	0.239	86.9	187.6	-2.2	0.216
46530.0	47500.0	0.461 9.82	348.4 7.07	-1.5 16.89	1.19 TWO	1.288 4.063	107.2 105.4	0.698 3.0	2.961 95.5	317.7	540.4	0.894	5.028	-1.90	0.245	89.0	189.7	-2.7	0.210
46540.0	47500.0	0.407 8.59	348.7 7.03	0.1 15.62	1.49 TWO	1.287 4.063	103.4 105.4	0.686 3.0	2.983 93.7	326.8	539.7	0.938	5.028A	-2.27	0.250	90.6	191.5	-3.4	0.204
46550.0	47500.0	0.361 7.61	346.8 6.99	2.2 14.60	2.05 TWO	1.285 4.063	99.7 105.4	0.676 3.0	3.000 92.2	335.9	539.1	0.972	5.029A	-2.91	0.254	91.8	192.9	-4.4	0.200
46560.0	47500.0	0.329 6.96	341.5 6.98	6.8 13.94	3.46 TWO	1.284 4.063	96.0 105.4	0.669 3.0	3.013 91.0	345.1	538.6	0.996	5.031A	-4.39	0.257	92.7	194.0	-6.4	0.199

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46570.0	47500.0	0.379	324.3	32.8	11.82	1.283	92.3	0.666	3.021	354.4	538.3	1.010	5.032A	-12.82	0.258	93.4	194.3	-16.6	0.210
		7.99	7.07	15.06	TWO	4.063	105.4	3.0	90.2										
46580.0	47500.0	0.335	348.8	-40.3	-8.04	1.282	88.4	0.665	3.023	3.9	178.1	1.0130	5.033A	6.98	0.259	93.7	196.0	8.2	0.199
		7.08	6.99	14.06	ONE	4.063	105.4	3.0	89.8										
46590.0	47500.0	0.317	332.4	-24.6	-3.06	1.280	84.6	0.667	3.019	13.5	178.1	1.0040	5.033A	1.93	0.258	93.7	195.7	1.7	0.196
		6.71	6.96	13.67	ONE	4.063	105.4	3.0	89.7										
46600.0	47500.0	0.346	325.4	-21.3	-1.92	1.279	80.7	0.673	3.008	23.2	178.3	0.9830	5.032A	0.72	0.256	93.5	195.4	0.1	0.198
		7.29	6.98	14.27	ONE	4.063	105.4	3.0	90.0										
46610.0	47500.0	0.392	321.8	-19.8	-1.43	1.278	76.7	0.682	2.991	33.0	178.5	0.9500	5.031A	0.16	0.252	93.1	194.7	-0.6	0.202
		8.26	7.01	15.27	ONE	4.063	105.4	3.0	90.6										
46620.0	47500.0	0.450	320.7	-18.7	-1.17	1.277	72.6	0.695	2.968	42.9	178.9	0.9050	5.030A	-0.18	0.247	92.5	193.9	-1.0	0.207
		9.55	7.05	16.60	ONE	4.063	105.4	3.0	91.4										
46630.0	47500.0	0.516	321.5	-17.6	-1.01	1.276	68.4	0.711	2.939	52.8	179.4	0.8490	5.029A	-0.42	0.240	91.6	192.8	-1.2	0.214
		11.11	7.11	18.22	ONE	4.063	105.4	3.0	92.5										
46640.0	47500.0	0.588	323.7	-16.3	-0.91	1.275	64.0	0.731	2.905	62.9	179.8	0.7820	5.028A	-0.61	0.231	90.5	191.7	-1.3	0.222
		12.90	7.18	20.08	ONE	4.063	105.4	3.0	93.6										

ARRIVAL DATE = 2447520.0

46510.0	47520.0	0.594	344.2	-4.9	0.86	1.290	115.5	0.734	2.913	298.6	542.8	0.776	5.050	-1.42	0.233	82.2	184.9	-1.7	0.228
		13.05	7.23	20.28	TWO	4.200	107.1	2.9	102.1										
46520.0	47520.0	0.528	347.3	-3.1	0.96	1.289	111.5	0.715	2.939	307.7	542.1	0.837	5.042	-1.61	0.239	84.8	187.0	-2.1	0.218
		11.41	7.15	18.56	TWO	4.200	107.1	2.9	100.0										
46530.0	47520.0	0.467	349.2	-1.5	1.11	1.288	107.6	0.700	2.963	316.8	541.3	0.890	5.036	-1.84	0.245	86.9	189.0	-2.6	0.211
		9.95	7.08	17.03	TWO	4.200	107.1	2.9	98.0										
46540.0	47520.0	0.412	349.7	0.1	1.36	1.287	103.8	0.687	2.984	325.9	540.6	0.934	5.034	-2.17	0.249	88.6	190.7	-3.2	0.205
		8.69	7.03	15.73	TWO	4.200	107.1	2.9	96.3										
46550.0	47520.0	0.365	348.1	1.8	1.84	1.286	100.0	0.677	3.001	335.1	540.1	0.969	5.033	-2.72	0.253	89.9	192.1	-4.1	0.201
		7.68	7.00	14.68	TWO	4.200	107.1	2.9	94.8										
46560.0	47520.0	0.330	343.3	5.3	2.95	1.284	96.3	0.670	3.014	344.3	539.6	0.995	5.034A	-3.89	0.256	90.8	193.2	-5.7	0.199
		6.98	6.98	13.96	TWO	4.200	107.1	2.9	93.6										
46570.0	47520.0	0.339	330.9	21.6	7.85	1.283	92.6	0.666	3.022	353.6	539.3	1.009	5.034A	-8.86	0.258	91.4	193.7	-12.0	0.202
		7.14	7.01	14.16	TWO	4.200	107.1	2.9	92.8										
46580.0	47520.0	0.367	357.0	-48.4	-11.11	1.282	88.7	0.665	3.024	3.1	179.1	1.0130	5.035A	10.03	0.258	91.8	195.4	11.9	0.204
		7.73	7.02	14.75	ONE	4.200	107.1	2.9	92.3										
46590.0	47520.0	0.316	334.2	-25.2	-3.32	1.280	84.9	0.667	3.020	12.6	179.1	1.0050	5.035A	2.18	0.257	91.9	194.9	2.1	0.196
		6.69	6.96	13.65	ONE	4.200	107.1	2.9	92.3										
46600.0	47520.0	0.343	326.6	-21.2	-1.98	1.279	81.1	0.673	3.010	22.3	179.2	0.9860	5.034A	0.77	0.255	91.7	194.6	0.2	0.198
		7.23	6.98	14.20	ONE	4.200	107.1	2.9	92.6										
46610.0	47520.0	0.387	322.8	-19.6	-1.44	1.278	77.1	0.681	2.994	32.1	179.4	0.9540	5.034A	0.16	0.252	91.2	194.0	-0.5	0.202
		8.16	7.00	15.17	ONE	4.200	107.1	2.9	93.1										
46620.0	47520.0	0.444	321.5	-18.5	-1.16	1.277	73.0	0.694	2.972	41.9	179.8	0.9100	5.033A	-0.19	0.247	90.5	193.2	-0.9	0.207
		9.42	7.05	16.47	ONE	4.200	107.1	2.9	93.9										
46630.0	47520.0	0.509	322.2	-17.3	-0.99	1.276	68.8	0.710	2.944	51.9	180.2	0.8550	5.033	-0.43	0.240	89.6	192.3	-1.1	0.213
		10.95	7.10	18.06	ONE	4.200	107.1	2.9	94.8										
46640.0	47520.0	0.581	324.3	-16.1	-0.89	1.275	64.5	0.729	2.912	61.8	180.6	0.7890	5.034	-0.62	0.232	88.5	191.3	-1.3	0.222
		12.72	7.18	19.90	ONE	4.200	107.1	2.9	95.8										

ARRIVAL DATE = 2447540.0

46510.0	47540.0	0.602	344.8	-4.8	0.81	1.290	116.0	0.736	2.918	297.6	543.6	0.769	5.067	-1.40	0.233	80.1	184.6	-1.6	0.230
		13.26	7.25	20.51	TWO	4.436	108.9	2.9	104.2										
46520.0	47540.0	0.535	348.0	-3.0	0.90	1.289	111.9	0.718	2.943	306.7	542.9	0.831	5.055	-1.57	0.239	82.7	186.5	-2.0	0.220
		11.59	7.17	18.75	TWO	4.436	108.9	2.9	102.3										
46530.0	47540.0	0.473	350.0	-1.4	1.03	1.288	108.0	0.702	2.966	315.9	542.2	0.885	5.048	-1.78	0.245	84.9	188.4	-2.5	0.213
		10.09	7.10	17.19	TWO	4.436	108.9	2.9	100.4										
46540.0	47540.0	0.417	350.7	0.1	1.25	1.287	104.2	0.688	2.987	325.0	541.5	0.931	5.043	-2.08	0.249	86.6	190.0	-3.0	0.206
		8.81	7.04	15.85	TWO	4.436	108.9	2.9	98.7										
46550.0	47540.0	0.369	349.3	1.6	1.65	1.286	100.4	0.678	3.004	334.2	541.0	0.967	5.040	-2.55	0.253	88.0	191.4	-3.8	0.202
		7.76	7.01	14.77	TWO	4.436	108.9	2.9	97.3										
46560.0	47540.0	0.332	345.1	4.2	2.54	1.284	96.6	0.671	3.016	343.4	540.5	0.993	5.039	-3.50	0.256	88.9	192.4	-5.2	0.199
		7.01	6.98	13.99	TWO	4.436	108.9	2.9	96.2										
46570.0	47540.0	0.323	335.1	14.9	5.75	1.283	92.9	0.666	3.024	352.7	540.2	1.009	5.039	-6.77	0.257	89.6	193.1	-9.4	0.200
		6.84	6.99	13.83	TWO	4.436	108.9	2.9	95.3										
46580.0	47540.0	0.471	20.0	-62.4	-18.77	1.282	89.1	0.665	3.026	2.3	180.0	1.0130	5.039	17.68	0.258	90.0	195.3	19.9	0.222
		10.04	7.18	17.22	ONE	4.436	108.9	2.9	94.4										
46590.0	47540.0	0.315	336.2	-26.0	-3.65	1.280	85.3	0.667	3.023	11.8	180.0	1.0070	5.039A	2.50	0.257	90.0	194.2	2.5	0.197
		6.69	6.96	13.65	ONE	4.436	108.9	2.9	94.8										

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EARTH-JUPITER

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46600.0	47540.0	0.339	328.0	-21.1	-2.05	1.279	81.4	0.672	3.013	21.4	180.1	0.988D	5.039	0.83	0.255	89.9	193.9	0.3	0.198
		7.16	6.98	14.14	ONE	4.436	108.9	2.9	95.0										
46610.0	47540.0	0.383	323.9	-19.3	-1.45	1.278	77.5	0.681	2.998	31.1	180.3	0.957D	5.039	0.17	0.252	89.4	193.4	-0.5	0.202
		8.07	7.00	15.07	ONE	4.436	108.9	2.9	95.5										
46620.0	47540.0	0.439	322.4	-18.2	-1.15	1.277	73.4	0.693	2.977	41.0	180.6	0.915D	5.040	-0.20	0.247	88.7	192.7	-0.9	0.207
		9.30	7.05	16.34	ONE	4.436	108.9	2.9	96.2										
46630.0	47540.0	0.503	323.0	-17.1	-0.97	1.276	69.2	0.708	2.951	50.9	180.9	0.861D	5.041	-0.45	0.241	87.8	191.8	-1.1	0.213
		10.80	7.10	17.90	ONE	4.436	108.9	2.9	97.0										
46640.0	47540.0	0.574	325.0	-15.8	-0.86	1.276	64.9	0.727	2.919	60.8	181.3	0.797D	5.042	-0.63	0.233	86.5	190.9	-1.2	0.222
		12.54	7.18	19.71	ONE	4.436	108.9	2.9	98.0										
46650.0	47540.0	0.650	328.0	-14.4	-0.80	1.275	60.5	0.749	2.884	70.7	181.7	0.723D	5.045	-0.79	0.224	85.1	189.9	-1.3	0.232
		14.47	7.27	21.74	ONE	4.436	108.9	2.9	98.9										

ARRIVAL DATE = 2447560.0

46510.0	47560.0	0.611	345.5	-4.6	0.77	1.291	116.5	0.740	2.923	296.5	544.3	0.761	5.085	-1.38	0.233	78.0	184.3	-1.6	0.233
		13.47	7.28	20.75	TWO	4.734	110.7	2.9	106.3										
46520.0	47560.0	0.543	348.7	-2.9	0.86	1.290	112.4	0.720	2.948	305.7	543.6	0.825	5.071	-1.54	0.239	80.7	186.1	-2.0	0.223
		11.77	7.19	18.96	TWO	4.734	110.7	2.9	104.4										
46530.0	47560.0	0.480	350.9	-1.3	0.96	1.288	108.4	0.704	2.971	314.9	543.0	0.880	5.061	-1.73	0.245	83.0	187.9	-2.4	0.215
		10.25	7.11	17.36	TWO	4.734	110.7	2.9	102.7										
46540.0	47560.0	0.422	351.7	0.1	1.15	1.287	104.5	0.690	2.991	324.1	542.4	0.927	5.054	-2.00	0.249	84.7	189.4	-2.9	0.208
		8.93	7.06	15.99	TWO	4.734	110.7	2.9	101.1										
46550.0	47560.0	0.373	350.6	1.4	1.49	1.286	100.8	0.679	3.007	333.3	541.8	0.964	5.050	-2.40	0.253	86.1	190.8	-3.6	0.203
		7.85	7.02	14.87	TWO	4.734	110.7	2.9	99.7										
46560.0	47560.0	0.334	346.7	3.5	2.20	1.284	97.0	0.672	3.019	342.6	541.4	0.991	5.048	-3.18	0.255	87.1	191.8	-4.7	0.200
		7.06	6.99	14.05	TWO	4.734	110.7	2.9	98.6										
46570.0	47560.0	0.317	338.4	10.6	4.45	1.283	93.2	0.667	3.027	351.9	541.1	1.008	5.047	-5.48	0.257	87.8	192.5	-7.7	0.199
		6.72	6.99	13.71	TWO	4.734	110.7	2.9	97.7										
46590.0	47560.0	0.316	338.4	-27.2	-4.09	1.281	85.7	0.667	3.027	10.9	180.9	1.008D	5.046	2.93	0.257	88.3	193.6	3.1	0.197
		6.70	6.97	13.66	ONE	4.734	110.7	2.9	97.2										
46600.0	47560.0	0.336	329.4	-21.0	-2.12	1.279	81.8	0.672	3.018	20.5	180.9	0.990D	5.046	0.91	0.255	88.1	193.3	0.5	0.198
		7.10	6.98	14.08	ONE	4.734	110.7	2.9	97.4										
46610.0	47560.0	0.378	325.0	-19.1	-1.46	1.278	77.8	0.680	3.004	30.2	181.1	0.961D	5.047	0.18	0.252	87.7	192.9	-0.5	0.202
		7.97	7.01	14.98	ONE	4.734	110.7	2.9	97.8										
46620.0	47560.0	0.433	323.4	-17.9	-1.14	1.277	73.8	0.692	2.984	40.0	181.4	0.919D	5.048	-0.20	0.248	86.9	192.2	-0.9	0.207
		9.17	7.05	16.22	ONE	4.734	110.7	2.9	98.4										
46630.0	47560.0	0.496	323.8	-16.8	-0.95	1.277	69.6	0.707	2.958	49.8	181.7	0.867D	5.050	-0.46	0.242	86.0	191.4	-1.1	0.213
		10.65	7.10	17.75	ONE	4.734	110.7	2.9	99.2										
46640.0	47560.0	0.566	325.7	-15.6	-0.86	1.276	65.4	0.726	2.928	59.7	182.0	0.804D	5.053	-0.65	0.234	84.7	190.6	-1.2	0.222
		12.36	7.18	19.53	ONE	4.734	110.7	2.9	100.0										
46650.0	47560.0	0.642	328.6	-14.1	-0.77	1.275	60.9	0.747	2.894	69.6	182.3	0.732D	5.057	-0.80	0.226	83.2	189.7	-1.3	0.232
		14.27	7.27	21.54	ONE	4.734	110.7	2.9	100.9										

ARRIVAL DATE = 2447580.0

46510.0	47580.0	0.619	346.2	-4.5	0.72	1.291	117.0	0.743	2.930	295.4	545.0	0.754	5.106	-1.37	0.234	76.0	184.1	-1.5	0.236
		13.70	7.31	21.01	TWO	5.055	112.4	2.8	108.2										
46520.0	47580.0	0.550	349.4	-2.7	0.78	1.290	112.8	0.723	2.954	304.7	544.4	0.818	5.089	-1.51	0.240	78.8	185.8	-1.9	0.226
		11.96	7.21	19.17	TWO	5.055	112.4	2.8	106.5										
46530.0	47580.0	0.486	351.7	-1.2	0.89	1.289	108.8	0.706	2.976	313.9	543.8	0.875	5.077	-1.69	0.245	81.1	187.5	-2.3	0.217
		10.41	7.13	17.54	TWO	5.055	112.4	2.8	104.8										
46540.0	47580.0	0.428	352.7	0.2	1.05	1.287	105.0	0.692	2.995	323.2	543.2	0.922	5.068	-1.92	0.249	82.9	189.0	-2.7	0.210
		9.06	7.07	16.14	TWO	5.055	112.4	2.8	103.3										
46550.0	47580.0	0.377	351.8	1.3	1.34	1.286	101.1	0.681	3.012	332.4	542.7	0.961	5.062	-2.28	0.253	84.3	190.3	-3.4	0.205
		7.95	7.03	14.98	TWO	5.055	112.4	2.8	102.0										
46560.0	47580.0	0.337	348.4	2.9	1.92	1.285	97.4	0.673	3.024	341.6	542.2	0.989	5.059	-2.92	0.255	85.4	191.3	-4.3	0.201
		7.12	7.00	14.12	TWO	5.055	112.4	2.8	100.9										
46570.0	47580.0	0.315	341.1	7.8	3.56	1.283	93.6	0.668	3.032	351.0	541.9	1.007	5.057	-4.61	0.257	86.1	192.0	-6.6	0.200
		6.68	6.99	13.66	TWO	5.055	112.4	2.8	100.1										
46580.0	47580.0	0.600	298.0	58.2	26.83	1.282	89.9	0.666	3.035	0.2	181.7	1.014D	5.055	-27.93	0.258	86.5	192.4	-28.7	0.256
		13.19	7.51	20.70	TWO	5.055	112.4	2.8	97.4										
46590.0	47580.0	0.318	341.0	-29.0	-4.72	1.281	86.0	0.667	3.032	10.0	181.7	1.009D	5.055	3.55	0.257	86.6	193.1	3.9	0.198
		6.73	6.98	13.71	ONE	5.055	112.4	2.8	99.5										
46600.0	47580.0	0.334	330.9	-20.9	-2.21	1.280	82.2	0.672	3.024	19.5	181.7	0.993D	5.055	0.99	0.256	86.4	192.8	0.6	0.199
		7.04	6.98	14.03	ONE	5.055	112.4	2.8	99.6										
46610.0	47580.0	0.374	326.2	-18.8	-1.47	1.279	78.2	0.680	3.010	29.2	181.9	0.964D	5.057	0.19	0.253	86.0	192.4	-0.4	0.202
		7.88	7.01	14.89	ONE	5.055	112.4	2.8	100.0										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I L / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46620.0	47580.0	0.427	324.3	-17.6	-1.13	1.278	74.2	0.691	2.991	39.0	182.1	0.9240	5.058	-0.21	0.248	85.3	191.8	-0.9	0.207
		9.05	7.05	16.10	ONE	5.055	112.4	2.8	100.5										
46630.0	47580.0	0.490	324.6	-16.5	-0.93	1.277	76.1	0.706	2.967	48.8	182.4	0.8730	5.061	-0.47	0.243	84.3	191.1	-1.1	0.214
		10.49	7.11	17.60	ONE	5.055	112.4	2.8	101.2										
46640.0	47580.0	0.559	326.4	-15.3	-0.82	1.276	65.8	0.724	2.938	58.6	182.7	0.8110	5.065	-0.66	0.236	83.0	190.4	-1.2	0.222
		12.18	7.18	19.36	ONE	5.055	112.4	2.8	102.0										
46650.0	47580.0	0.634	329.3	-13.9	-0.74	1.276	61.4	0.745	2.905	68.5	183.0	0.7400	5.070	-0.81	0.228	81.5	189.6	-1.3	0.232
		14.06	7.27	21.33	ONE	5.055	112.4	2.8	102.8										
ARRIVAL DATE = 2447600.0																			
46510.0	47600.0	0.629	346.8	-4.3	0.68	1.291	117.5	0.746	2.937	294.3	545.6	0.746	5.129	-1.35	0.235	74.1	184.1	-1.5	0.240
		13.93	7.34	21.27	TWO	5.367	114.2	2.8	110.0										
46520.0	47600.0	0.559	350.1	-2.6	0.73	1.290	113.3	0.726	2.960	303.7	545.1	0.812	5.109	-1.49	0.240	76.9	185.7	-1.8	0.229
		12.16	7.24	19.40	TWO	5.367	114.2	2.8	108.4										
46530.0	47600.0	0.494	352.5	-1.0	0.82	1.289	109.3	0.709	2.982	312.9	544.5	0.869	5.095	-1.65	0.245	79.3	187.2	-2.2	0.219
		10.58	7.16	17.74	TWO	5.367	114.2	2.8	106.8										
46540.0	47600.0	0.434	353.6	0.3	0.96	1.288	105.4	0.694	3.001	322.2	544.0	0.918	5.084	-1.86	0.250	81.1	188.7	-2.6	0.212
		9.20	7.09	16.29	TWO	5.367	114.2	2.8	105.4										
46550.0	47600.0	0.382	353.0	1.3	1.21	1.286	101.5	0.683	3.017	331.4	543.5	0.957	5.077	-2.16	0.253	82.6	189.9	-3.2	0.206
		8.06	7.04	15.10	TWO	5.367	114.2	2.8	104.1										
46560.0	47600.0	0.341	349.9	2.5	1.69	1.285	97.8	0.674	3.029	340.7	543.1	0.987	5.072	-2.70	0.256	83.7	190.9	-4.0	0.202
		7.19	7.01	14.20	TWO	5.367	114.2	2.8	103.1										
46570.0	47600.0	0.314	343.4	5.9	2.92	1.284	94.0	0.669	3.037	350.0	542.8	1.006	5.069	-3.98	0.257	84.5	191.6	-5.7	0.201
		6.67	7.00	13.67	TWO	5.367	114.2	2.8	102.3										
46580.0	47600.0	0.375	323.9	32.9	11.72	1.282	90.2	0.667	3.040	359.4	542.6	1.014	5.067	-12.84	0.258	84.9	191.8	-16.3	0.212
		7.89	7.09	14.99	TWO	5.367	114.2	2.8	101.1										
46590.0	47600.0	0.322	344.2	-31.8	-5.68	1.281	86.4	0.668	3.038	9.0	182.5	1.0100	5.066	4.50	0.258	85.0	192.8	5.1	0.200
		6.82	6.99	13.81	ONE	5.367	114.2	2.8	101.6										
46600.0	47600.0	0.331	332.5	-20.9	-2.33	1.280	82.6	0.672	3.031	18.6	182.5	0.9950	5.067	1.10	0.256	84.8	192.5	0.7	0.200
		6.99	6.99	13.98	ONE	5.367	114.2	2.8	101.8										
46610.0	47600.0	0.370	327.4	-18.5	-1.49	1.279	78.6	0.679	3.018	28.2	182.7	0.9680	5.068	0.21	0.253	84.4	192.1	-0.4	0.203
		7.79	7.02	14.80	ONE	5.367	114.2	2.8	102.1										
46620.0	47600.0	0.422	325.4	-17.3	-1.12	1.278	74.6	0.690	3.000	38.0	182.9	0.9290	5.071	-0.22	0.249	83.7	191.6	-0.9	0.208
		8.92	7.06	15.98	ONE	5.367	114.2	2.8	102.6										
46630.0	47600.0	0.483	325.5	-16.2	-0.91	1.277	70.5	0.705	2.977	47.7	183.1	0.8790	5.074	-0.49	0.244	82.7	190.9	-1.1	0.214
		10.34	7.11	17.45	ONE	5.367	114.2	2.8	103.2										
46640.0	47600.0	0.552	327.2	-15.0		1.277	66.3	0.723	2.949	57.5	183.3	0.8180	5.079	-0.67	0.237	81.4	190.3	-1.3	0.223
		12.00	7.18	19.18		.367	114.2	2.8	103.9										
46650.0	47600.0	0.626	330.0	-13.6	-0.72	1.276	61.9	0.743	2.917	67.3	183.6	0.7480	5.085	-0.82	0.229	79.8	189.6	-1.3	0.232
		13.86	7.27	21.13	ONE	5.367	114.2	2.8	104.6										
ARRIVAL DATE = 2447620.0																			
46510.0	47620.0	0.638	347.5	-4.1	0.63	1.292	118.0	0.750	2.945	293.2	546.3	0.737	5.153	-1.34	0.236	72.2	184.1	-1.5	0.243
		14.18	7.38	21.55	TWO	5.643	116.0	2.8	111.7										
46520.0	47620.0	0.567	350.9	-2.4	0.68	1.291	113.8	0.729	2.968	302.6	545.7	0.804	5.131	-1.46	0.241	75.1	185.6	-1.8	0.232
		12.37	7.27	19.64	TWO	5.643	116.0	2.8	110.2										
46530.0	47620.0	0.501	353.4	-0.9	0.76	1.289	109.7	0.711	2.989	311.9	545.2	0.863	5.115	-1.61	0.246	77.5	187.1	-2.1	0.222
		10.76	7.18	17.94	TWO	5.643	116.0	2.8	108.7										
46540.0	47620.0	0.441	354.6	0.4	0.88	1.288	105.8	0.696	3.008	321.2	544.7	0.913	5.102	-1.79	0.250	79.4	188.4	-2.5	0.214
		9.35	7.11	16.46	TWO	5.643	116.0	2.8	107.4										
46550.0	47620.0	0.388	354.2	1.3	1.09	1.286	102.0	0.685	3.023	330.4	544.2	0.954	5.093	-2.06	0.254	81.0	189.6	-3.0	0.208
		8.17	7.06	15.23	TWO	5.643	116.0	2.8	106.2										
46560.0	47620.0	0.344	351.5	2.3	1.49	1.285	98.2	0.676	3.036	339.7	543.8	0.984	5.087	-2.51	0.256	82.1	190.6	-3.7	0.204
		7.26	7.03	14.29	TWO	5.643	116.0	2.8	105.2										
46570.0	47620.0	0.315	345.6	4.6	2.43	1.284	94.4	0.670	3.044	349.1	543.5	1.004	5.083	-3.51	0.258	82.9	191.2	-5.1	0.202
		6.69	7.01	13.70	TWO	5.643	116.0	2.8	104.4										
46580.0	47620.0	0.328	332.2	19.8	7.14	1.283	90.6	0.667	3.047	358.5	543.4	1.013	5.080	-8.27	0.259	83.3	191.6	-11.0	0.205
		6.94	7.03	13.98	TWO	5.643	116.0	2.8	103.6										
46590.0	47620.0	0.334	348.9	-36.9	-7.34	1.281	86.8	0.668	3.045	8.0	183.3	1.0110	5.080	6.15	0.258	83.5	192.6	7.1	0.203
		7.05	7.01	14.07	ONE	5.643	116.0	2.8	103.6										
46600.0	47620.0	0.328	334.2	-21.0	-2.46	1.280	82.9	0.672	3.039	17.6	183.3	0.9970	5.080	1.23	0.257	83.3	192.2	0.9	0.201
		6.94	7.00	13.94	ONE	5.643	116.0	2.8	103.8										
46610.0	47620.0	0.365	328.7	-18.2	-1.50	1.279	79.0	0.679	3.026	27.2	183.4	0.9710	5.082	0.22	0.254	82.9	191.8	-0.4	0.204
		7.69	7.03	14.72	ONE	5.643	116.0	2.8	104.1										
46620.0	47620.0	0.416	326.4	-17.0	-1.10	1.279	75.0	0.690	3.009	36.9	183.6	0.9330	5.085	-0.23	0.250	82.2	191.4	-0.9	0.209
		8.80	7.06	15.86	ONE	5.643	116.0	2.8	104.5										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46630.0	47620.0	0.477 10.19	326.4 7.12	-15.9 17.31	-0.89 ONE	1.278 5.643	71.0 116.0	0.704 2.8	2.987 105.1	46.7	183.8	0.885D	5.089	-0.50	0.245	81.2	190.8	-1.1	0.215
46640.0	47620.0	0.545 11.82	327.9 7.19	-14.7 19.01	-0.77 ONE	1.277 5.643	66.8 116.0	0.721 2.8	2.960 105.7	56.4	184.0	0.825D	5.095	-0.69	0.239	79.9	190.2	-1.3	0.223
46650.0	47620.0	0.618 13.65	330.6 7.28	-13.4 20.93	-0.69 ONE	1.277 5.643	62.4 116.0	0.742 2.8	2.929 106.3	66.2	184.2	0.757D	5.102	-0.83	0.232	78.3	189.6	-1.3	0.233
ARRIVAL DATE = 2447640.0																			
46510.0	47640.0	0.648 14.43	348.2 7.41	-3.9 21.84	0.59 TWO	1.292 5.864	118.6 117.7	0.753 2.7	2.954 113.3	292.0	546.8	0.728	5.179	-1.33	0.237	70.4	184.3	-1.4	0.247
46520.0	47640.0	0.576 12.59	351.6 7.30	-2.2 19.89	0.63 TWO	1.291 5.864	114.3 117.7	0.732 2.7	2.976 111.9	301.4	546.4	0.797	5.155	-1.44	0.242	73.4	185.7	-1.7	0.235
46530.0	47640.0	0.509 10.95	354.2 7.21	-0.7 18.15	0.70 TWO	1.290 5.864	110.2 117.7	0.714 2.7	2.997 110.5	310.8	545.9	0.857	5.136	-1.57	0.247	75.8	187.0	-2.0	0.225
46540.0	47640.0	0.448 9.50	355.6 7.13	0.5 16.64	0.80 TWO	1.288 5.864	106.3 117.7	0.699 2.7	3.015 109.2	320.1	545.4	0.908	5.122	-1.74	0.251	77.8	188.3	-2.4	0.217
46550.0	47640.0	0.393 8.29	355.4 7.08	1.4 15.37	0.98 TWO	1.287 5.864	102.4 117.7	0.686 2.7	3.031 108.1	329.4	545.0	0.950	5.111	-1.97	0.254	79.3	189.4	-2.8	0.211
46560.0	47640.0	0.349 7.35	353.0 7.04	2.2 14.39	1.31 TWO	1.285 5.864	98.6 117.7	0.677 2.7	3.043 107.1	338.7	544.6	0.982	5.103	-2.35	0.257	80.5	190.3	-3.4	0.206
46570.0	47640.0	0.317 6.72	347.6 7.02	3.7 13.74	2.05 TWO	1.284 5.864	94.8 117.7	0.671 2.7	3.051 106.4	348.1	544.3	1.003	5.098	-3.14	0.258	81.3	191.0	-4.5	0.203
46580.0	47640.0	0.313 6.65	337.0 7.03	12.7 13.68	4.96 TWO	1.283 5.864	91.0 117.7	0.668 2.7	3.054 105.7	357.5	544.1	1.013	5.096	-6.10	0.259	81.8	191.4	-8.3	0.204
46590.0	47640.0	0.368 7.76	357.8 7.07	-46.7 14.82	-10.89 ONE	1.282 5.864	87.2 117.7	0.669 2.7	3.053 105.2	7.1	184.0	1.012D	5.094	9.70	0.259	82.0	192.8	11.3	0.209
46600.0	47640.0	0.326 6.90	336.0 7.01	-21.1 13.91	-2.63 ONE	1.281 5.864	83.4 117.7	0.672 2.7	3.047 105.8	16.6	184.0	0.999D	5.095	1.40	0.258	81.9	192.0	1.1	0.202
46610.0	47640.0	0.361 7.60	330.0 7.03	-17.9 14.64	-1.52 ONE	1.280 5.864	79.5 117.7	0.679 2.7	3.036 106.0	26.2	184.1	0.974D	5.097	0.24	0.255	81.4	191.7	-0.3	0.205
46620.0	47640.0	0.411 8.68	327.5 7.07	-16.6 15.75	-1.09 ONE	1.279 5.864	75.5 117.7	0.689 2.7	3.019 106.4	35.9	184.3	0.938D	5.100	-0.24	0.252	80.7	191.3	-0.9	0.210
46630.0	47640.0	0.471 10.04	327.3 7.13	-15.6 17.16	-0.87 ONE	1.278 5.864	71.4 117.7	0.703 2.7	2.998 106.8	45.6	184.4	0.890D	5.105	-0.52	0.247	79.7	190.8	-1.2	0.216
46640.0	47640.0	0.537 11.64	328.7 7.20	-14.4 18.84	-0.74 ONE	1.278 5.864	67.2 117.7	0.720 2.7	2.972 107.4	55.3	184.6	0.832D	5.111	-0.70	0.241	78.4	190.2	-1.3	0.224
46650.0	47640.0	0.610 13.45	331.3 7.28	-13.1 20.73	-0.66 ONE	1.278 5.864	62.9 117.7	0.740 2.7	2.942 107.9	65.0	184.8	0.765D	5.119	-0.85	0.234	76.8	189.7	-1.3	0.233
ARRIVAL DATE = 2447660.0																			
46520.0	47660.0	0.585 12.82	352.4 7.33	-2.0 20.15	0.58 TWO	1.291 6.016	114.9 119.5	0.736 2.7	2.985 113.5	300.3	547.0	0.789	5.180	-1.42	0.243	71.7	185.8	-1.7	0.238
46530.0	47660.0	0.517 11.14	355.0 7.23	-0.5 18.38	0.64 TWO	1.290 6.016	110.7 119.5	0.717 2.7	3.005 112.2	309.7	546.5	0.851	5.159	-1.54	0.247	74.2	187.1	-2.0	0.228
46540.0	47660.0	0.455 9.67	356.6 7.16	0.7 16.83	0.73 TWO	1.289 6.016	106.7 119.5	0.701 2.7	3.023 111.0	319.1	546.1	0.903	5.143	-1.69	0.251	76.2	188.3	-2.3	0.220
46550.0	47660.0	0.399 8.42	356.6 7.10	1.5 15.52	0.88 TWO	1.287 6.016	102.8 119.5	0.689 2.7	3.038 109.9	328.4	545.7	0.946	5.131	-1.89	0.255	77.8	189.3	-2.7	0.213
46560.0	47660.0	0.353 7.44	354.4 7.06	2.1 14.50	1.16 TWO	1.286 6.016	99.0 119.5	0.679 2.7	3.050 109.0	337.7	545.3	0.979	5.122	-2.21	0.257	79.0	190.2	-3.2	0.208
46570.0	47660.0	0.320 6.77	349.6 7.03	3.1 13.81	1.74 TWO	1.284 6.016	95.2 119.5	0.673 2.7	3.059 108.3	347.1	545.0	1.001	5.116	-2.84	0.259	79.9	190.9	-4.1	0.205
46580.0	47660.0	0.308 6.54	340.6 7.03	8.6 13.57	3.69 TWO	1.283 6.016	91.4 119.5	0.669 2.7	3.063 107.7	356.5	544.8	1.013	5.112	-4.84	0.260	80.4	191.3	-6.7	0.205
46590.0	47660.0	0.548 11.91	35.2 7.36	-67.2 19.26	-23.58 ONE	1.282 6.016	87.6 119.5	0.669 2.7	3.062 104.7	6.1	184.8	1.013D	5.111	22.38	0.260	80.6	194.6	23.1	0.242
46600.0	47660.0	0.324 6.86	337.9 7.02	-21.5 13.88	-2.86 ONE	1.281 6.016	83.8 119.5	0.672 2.7	3.056 107.6	15.5	184.7	1.001D	5.111	1.62	0.259	80.4	191.9	1.4	0.204
46610.0	47660.0	0.357 7.52	331.4 7.05	-17.6 14.56	-1.54 ONE	1.280 6.016	79.9 119.5	0.679 2.7	3.046 107.8	25.1	184.8	0.978D	5.113	0.26	0.256	80.0	191.6	-0.3	0.207
46620.0	47660.0	0.405 8.56	328.6 7.08	-16.2 15.64	-1.08 ONE	1.279 6.016	75.9 119.5	0.689 2.7	3.030 108.1	34.8	184.9	0.943D	5.117	-0.26	0.253	79.3	191.3	-0.9	0.211
46630.0	47660.0	0.464 9.89	328.2 7.13	-15.2 17.02	-0.84 ONE	1.279 6.016	71.9 119.5	0.702 2.7	3.009 108.5	44.5	185.1	0.896D	5.122	-0.54	0.248	78.3	190.8	-1.2	0.217
46640.0	47660.0	0.530 11.46	329.5 7.20	-14.1 18.67	-0.71 ONE	1.279 6.016	67.7 119.5	0.719 2.7	2.984 109.0	54.2	185.2	0.839D	5.129	-0.72	0.243	77.0	190.4	-1.3	0.225

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EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 COAST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46650.0	47660.0	0.602 13.25	332.0 7.29	-12.8 20.54	-0.63 ONE	1.278 6.016	63.4 119.5	0.738 2.7	2.956 109.5	63.9	185.3	0.7730	5.138	-0.86	0.236	75.4	189.9	-1.4	0.234
ARRIVAL DATE = 2447680.0																			
46520.0	47680.0	0.594 13.06	353.1 7.37	-1.8 20.43	0.54 TWO	1.292 6.092	115.4 121.2	0.739 2.6	2.994 115.0	299.1	547.6	0.781	5.207	-1.40	0.244	70.0	186.0	-1.7	0.242
46530.0	47680.0	0.525 11.35	355.9 7.26	-0.3 18.61	0.59 TWO	1.290 6.092	111.2 121.2	0.720 2.6	3.014 113.8	308.6	547.2	0.844	5.184	-1.51	0.248	72.6	187.2	-1.9	0.231
46540.0	47680.0	0.462 9.84	357.6 7.18	0.9 17.02	0.66 TWO	1.289 6.092	107.2 121.2	0.704 2.6	3.032 112.7	318.0	546.7	0.898	5.166	-1.64	0.252	74.7	188.4	-2.2	0.223
46550.0	47680.0	0.406 8.56	357.7 7.12	1.7 15.68	0.79 TWO	1.287 6.092	103.3 121.2	0.691 2.6	3.047 111.7	327.3	546.4	0.942	5.152	-1.82	0.256	76.3	189.4	-2.6	0.216
46560.0	47680.0	0.358 7.54	355.9 7.08	2.2 14.62	1.02 TWO	1.286 6.092	99.4 121.2	0.681 2.6	3.059 110.9	336.7	546.0	0.976	5.142	-2.09	0.258	77.5	190.2	-3.1	0.211
46570.0	47680.0	0.323 6.83	351.5 7.05	2.7 13.88	1.48 TWO	1.285 6.092	95.6 121.2	0.674 2.6	3.067 110.1	346.0	545.7	1.000	5.135	-2.60	0.260	78.4	190.9	-3.8	0.207
46580.0	47680.0	0.306 6.51	343.5 7.04	6.0 13.55	2.85 TWO	1.284 6.092	91.8 121.2	0.670 2.6	3.072 109.6	355.4	545.5	1.012	5.131	-4.01	0.261	79.0	191.3	-5.6	0.206
46600.0	47680.0	0.323 6.83	340.0 7.04	-22.1 13.87	-3.18 ONE	1.281 6.092	84.2 121.2	0.673 2.6	3.066 109.4	14.5	185.4	1.0030	5.129	1.93	0.260	79.1	191.9	1.8	0.206
46610.0	47680.0	0.353 7.43	332.8 7.06	-17.2 14.49	-1.57 ONE	1.281 6.092	80.3 121.2	0.679 2.6	3.056 109.5	24.1	185.5	0.9810	5.131	0.28	0.258	78.7	191.6	-0.3	0.208
46620.0	47680.0	0.400 8.44	329.7 7.09	-15.8 15.53	-1.06 ONE	1.280 6.092	76.4 121.2	0.689 2.6	3.041 109.8	33.7	185.6	0.9470	5.135	-0.27	0.254	78.0	191.3	-0.9	0.212
46630.0	47680.0	0.458 9.74	329.2 7.14	-14.9 16.88	-0.82 ONE	1.279 6.092	72.3 121.2	0.701 2.6	3.021 110.2	43.3	185.7	0.9020	5.141	-0.56	0.250	77.0	191.0	-1.2	0.218
46640.0	47680.0	0.523 11.29	330.3 7.21	-13.8 18.50	-0.68 ONE	1.279 6.092	68.2 121.2	0.718 2.6	2.997 110.6	53.0	185.8	0.8460	5.149	-0.74	0.245	75.7	190.5	-1.3	0.226
46650.0	47680.0	0.594 13.04	332.7 7.30	-12.5 20.34	-0.60 ONE	1.279 6.092	63.9 121.2	0.737 2.6	2.970 111.0	62.7	185.9	0.7810	5.158	-0.88	0.238	74.1	190.1	-1.4	0.235
ARRIVAL DATE = 2447700.0																			
46520.0	47700.0	0.604 13.31	353.9 7.40	-1.6 20.71	0.49 TWO	1.292 6.089	116.0 122.9	0.743 2.6	3.004 116.5	297.9	548.1	0.773	5.235	-1.39	0.245	68.4	186.4	-1.6	0.246
46530.0	47700.0	0.534 11.56	356.7 7.30	-0.1 18.85	0.53 TWO	1.291 6.089	111.7 122.9	0.723 2.6	3.023 115.3	307.4	547.7	0.837	5.210	-1.48	0.250	71.0	187.5	-1.9	0.235
46540.0	47700.0	0.470 10.02	358.5 7.21	1.1 17.23	0.60 TWO	1.289 6.089	107.7 122.9	0.707 2.6	3.041 114.3	316.8	547.4	0.892	5.190	-1.60	0.253	73.2	188.5	-2.2	0.226
46550.0	47700.0	0.412 8.70	358.9 7.15	1.9 15.85	0.71 TWO	1.288 6.089	103.7 122.9	0.693 2.6	3.056 113.3	326.2	547.0	0.938	5.174	-1.76	0.257	74.9	189.5	-2.5	0.218
46560.0	47700.0	0.363 7.65	357.3 7.10	2.2 14.75	0.90 TWO	1.286 6.089	99.9 122.9	0.683 2.6	3.068 112.5	335.6	546.7	0.973	5.163	-1.99	0.259	76.1	190.3	-2.9	0.213
46570.0	47700.0	0.326 6.89	353.3 7.07	2.5 13.96	1.27 TWO	1.285 6.089	96.0 122.9	0.676 2.6	3.077 111.8	345.0	546.4	0.998	5.155	-2.40	0.261	77.1	190.9	-3.5	0.209
46580.0	47700.0	0.306 6.50	346.1 7.05	4.4 13.56	2.26 TWO	1.284 6.089	92.3 122.9	0.672 2.6	3.081 111.3	354.4	546.2	1.012	5.150	-3.43	0.262	77.6	191.3	-4.8	0.208
46590.0	47700.0	0.375 7.91	324.7 7.16	32.6 15.06	11.62 TWO	1.283 6.089	88.5 122.9	0.671 2.6	3.081 109.8	3.8	186.1	1.0140	5.148	-12.83	0.262	77.9	191.6	-15.6	0.219
46600.0	47700.0	0.322 6.82	342.4 7.05	-23.2 13.87	-3.63 ONE	1.282 6.089	84.6 122.9	0.673 2.6	3.076 111.0	13.4	186.1	1.0050	5.148	2.38	0.261	77.8	192.0	2.3	0.207
46610.0	47700.0	0.349 7.35	334.3 7.07	-16.9 14.42	-1.60 ONE	1.281 6.089	80.7 122.9	0.679 2.6	3.067 111.2	23.0	186.1	0.9840	5.150	0.31	0.259	77.4	191.7	-0.3	0.209
46620.0	47700.0	0.395 8.32	330.9 7.10	-15.4 15.42	-1.04 ONE	1.280 6.089	76.8 122.9	0.688 2.6	3.053 111.4	32.6	186.2	0.9520	5.154	-0.29	0.256	76.8	191.5	-0.9	0.214
46630.0	47700.0	0.451 9.59	330.1 7.16	-14.5 16.74	-0.79 ONE	1.280 6.089	72.8 122.9	0.701 2.6	3.034 111.7	42.2	186.3	0.9080	5.161	-0.58	0.252	75.8	191.1	-1.2	0.219
46640.0	47700.0	0.516 11.11	331.2 7.22	-13.4 18.33	-0.65 ONE	1.280 6.089	68.7 122.9	0.717 2.6	3.011 112.1	51.8	186.4	0.8530	5.169	-0.77	0.247	74.5	190.8	-1.4	0.227
46650.0	47700.0	0.586 12.84	333.5 7.31	-12.2 20.15	-0.56 ONE	1.279 6.089	64.4 122.9	0.735 2.6	2.984 112.4	61.5	186.5	0.7890	5.178	-0.90	0.241	72.9	190.4	-1.4	0.236
ARRIVAL DATE = 2447720.0																			
46520.0	47720.0	0.614 13.56	354.6 7.44	-1.4 21.00	0.45 TWO	1.293 6.007	116.5 124.7	0.747 2.5	3.014 117.8	296.7	548.6	0.764	5.265	-1.37	0.246	66.9	186.8	-1.6	0.250
46530.0	47720.0	0.543 11.78	357.6 7.33	0.1 19.11	0.48 TWO	1.291 6.007	112.3 124.7	0.727 2.5	3.033 116.8	306.3	548.3	0.829	5.237	-1.46	0.251	69.5	187.8	-1.9	0.238

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46540.0	47720.0	0.478	359.5	1.3	0.54	1.290	108.2	0.710	3.051	315.7	548.0	0.886	5.215	-1.56	0.254	71.7	188.8	-2.1	0.229
		10.20	7.24	17.44	TWO	6.007	124.7	2.5	115.8										
46550.0	47720.0	0.419	0.0	2.1	0.63	1.288	104.2	0.696	3.066	325.1	547.6	0.933	5.198	-1.70	0.258	73.5	189.7	-2.4	0.221
		8.86	7.17	16.03	TWO	6.007	124.7	2.5	114.9										
46560.0	47720.0	0.369	358.7	2.4	0.79	1.287	100.3	0.685	3.078	334.5	547.3	0.970	5.186	-1.89	0.260	74.8	190.4	-2.8	0.216
		7.76	7.12	14.89	TWO	6.007	124.7	2.5	114.1										
46570.0	47720.0	0.330	355.0	2.4	1.08	1.286	96.5	0.677	3.086	343.9	547.1	0.996	5.177	-2.23	0.262	75.7	191.0	-3.3	0.212
		6.97	7.09	14.06	TWO	6.007	124.7	2.5	113.4										
46580.0	47720.0	0.307	348.5	3.3	1.81	1.284	92.7	0.673	3.091	353.3	546.9	1.011	5.171	-3.00	0.263	76.3	191.4	-4.3	0.209
		6.52	7.07	13.59	TWO	6.007	124.7	2.5	112.9										
46590.0	47720.0	0.322	335.1	16.7	6.10	1.283	88.9	0.672	3.091	2.8	186.8	1.0150	5.168	-7.32	0.263	76.6	191.6	-9.5	0.212
		6.81	7.09	13.90	TWO	6.007	124.7	2.5	112.3										
46600.0	47720.0	0.324	345.3	-25.3	-4.37	1.282	85.0	0.674	3.087	12.3	186.7	1.0070	5.168	3.12	0.262	76.6	192.2	3.2	0.210
		6.85	7.07	13.92	ONE	6.007	124.7	2.5	112.6										
46610.0	47720.0	0.345	335.8	-16.5	-1.63	1.282	81.2	0.679	3.079	21.9	186.7	0.9870	5.170	0.34	0.260	76.2	191.9	-0.2	0.211
		7.27	7.08	14.36	ONE	6.007	124.7	2.5	112.7										
46620.0	47720.0	0.389	332.1	-15.0	-1.02	1.281	77.3	0.688	3.065	31.4	186.8	0.9560	5.175	-0.31	0.257	75.6	191.7	-1.0	0.215
		8.20	7.12	15.32	ONE	6.007	124.7	2.5	112.9										
46630.0	47720.0	0.445	331.1	-14.0	-0.76	1.281	73.2	0.700	3.047	41.1	186.9	0.9130	5.181	-0.61	0.254	74.6	191.4	-1.3	0.221
		9.44	7.17	16.61	ONE	6.007	124.7	2.5	113.2										
46640.0	47720.0	0.508	332.0	-13.1	-0.62	1.280	69.2	0.716	3.025	50.7	186.9	0.8600	5.190	-0.79	0.249	73.4	191.1	-1.4	0.228
		10.94	7.23	18.17	ONE	6.007	124.7	2.5	113.5										
46650.0	47720.0	0.578	334.2	-11.8	-0.53	1.280	64.9	0.734	2.999	60.3	187.0	0.7980	5.200	-0.92	0.243	71.8	190.8	-1.5	0.237
		12.64	7.31	19.96	ONE	6.007	124.7	2.5	113.8										

ARRIVAL DATE = 2447740.0

46520.0	47740.0	0.624	355.4	-1.2	0.40	1.293	117.1	0.750	3.025	295.5	549.1	0.755	5.295	-1.36	0.248	65.4	187.2	-1.6	0.253
		13.82	7.48	21.30	TWO	5.852	126.4	2.5	119.0										
46530.0	47740.0	0.552	358.4	0.3	0.43	1.292	112.8	0.730	3.044	305.1	548.8	0.822	5.266	-1.44	0.252	68.1	188.2	-1.8	0.242
		12.01	7.36	19.37	TWO	5.852	126.4	2.5	118.1										
46540.0	47740.0	0.486	0.4	1.5	0.48	1.290	108.7	0.713	3.061	314.5	548.5	0.880	5.242	-1.53	0.255	70.3	189.1	-2.1	0.232
		10.40	7.27	17.67	TWO	5.852	126.4	2.5	117.2										
46550.0	47740.0	0.426	1.2	2.3	0.56	1.289	104.7	0.698	3.076	324.0	548.2	0.928	5.224	-1.64	0.259	72.1	189.9	-2.3	0.224
		9.01	7.20	16.21	TWO	5.852	126.4	2.5	116.3										
46560.0	47740.0	0.374	0.1	2.6	0.68	1.287	100.8	0.687	3.088	333.4	547.9	0.966	5.210	-1.81	0.261	73.5	190.7	-2.6	0.218
		7.89	7.14	15.03	TWO	5.852	126.4	2.5	115.6										
46570.0	47740.0	0.334	356.8	2.4	0.92	1.286	96.9	0.679	3.097	342.8	547.7	0.994	5.200	-2.08	0.263	74.5	191.2	-3.1	0.214
		7.05	7.11	14.16	TWO	5.852	126.4	2.5	115.0										
46580.0	47740.0	0.308	350.7	2.7	1.47	1.285	93.1	0.674	3.101	352.2	547.5	1.010	5.193	-2.67	0.264	75.1	191.7	-3.8	0.212
		6.55	7.09	13.64	TWO	5.852	126.4	2.5	114.5										
46590.0	47740.0	0.308	340.3	9.4	3.89	1.284	89.3	0.673	3.102	1.7	187.4	1.0150	5.190	-5.12	0.264	75.4	191.9	-6.8	0.212
		6.55	7.09	13.65	TWO	5.852	126.4	2.5	114.0										
46600.0	47740.0	0.330	349.4	-29.6	-5.77	1.283	85.5	0.675	3.099	11.2	187.3	1.0080	5.189	4.51	0.263	75.4	192.5	4.8	0.212
		6.98	7.09	14.07	ONE	5.852	126.4	2.5	114.0										
46610.0	47740.0	0.341	337.4	-16.2	-1.68	1.282	81.6	0.680	3.091	20.7	187.3	0.9900	5.191	0.38	0.262	75.1	192.2	-0.2	0.213
		7.20	7.10	14.30	ONE	5.852	126.4	2.5	114.2										
46620.0	47740.0	0.384	333.4	-14.5	-1.00	1.282	77.7	0.688	3.078	30.3	187.4	0.9600	5.196	-0.33	0.259	74.4	192.0	-1.0	0.217
		8.09	7.13	15.22	ONE	5.852	126.4	2.5	114.4										
46630.0	47740.0	0.439	332.2	-13.6	-0.72	1.281	73.7	0.700	3.061	39.9	187.4	0.9190	5.202	-0.64	0.255	73.5	191.7	-1.3	0.222
		9.30	7.18	16.48	ONE	5.852	126.4	2.5	114.6										
46640.0	47740.0	0.501	332.9	-12.7	-0.58	1.281	69.6	0.715	3.039	49.5	187.5	0.8670	5.211	-0.82	0.251	72.3	191.4	-1.5	0.229
		10.76	7.24	18.00	ONE	5.852	126.4	2.5	114.9										
46650.0	47740.0	0.570	335.0	-11.5	-0.50	1.281	65.5	0.733	3.014	59.1	187.5	0.8060	5.222	-0.94	0.245	70.7	191.2	-1.5	0.238
		12.44	7.32	19.77	ONE	5.852	126.4	2.5	115.1										
46660.0	47740.0	0.643	338.1	-10.0	-0.44	1.281	61.2	0.754	2.985	68.6	187.5	0.7360	5.235	-1.03	0.239	68.8	191.0	-1.5	0.248
		14.31	7.42	21.73	ONE	5.852	126.4	2.5	115.3										

ARRIVAL DATE = 2447760.0

46520.0	47760.0	0.635	356.1	-1.0	0.36	1.293	117.7	0.754	3.036	294.2	549.6	0.745	5.327	-1.35	0.249	63.9	187.8	-1.6	0.257
		14.10	7.52	21.61	TWO	5.633	128.1	2.4	120.2										
46530.0	47760.0	0.562	359.2	0.5	0.39	1.292	113.4	0.734	3.055	303.8	549.3	0.814	5.295	-1.42	0.253	66.7	188.6	-1.8	0.245
		12.24	7.40	19.64	TWO	5.633	128.1	2.4	119.4										
46540.0	47760.0	0.494	1.4	1.7	0.42	1.291	109.2	0.716	3.072	313.4	549.1	0.873	5.270	-1.50	0.257	69.0	189.5	-2.0	0.235
		10.60	7.30	17.90	TWO	5.633	128.1	2.4	118.5										
46550.0	47760.0	0.433	2.3	2.5	0.49	1.289	105.2	0.701	3.086	322.8	548.8	0.923	5.250	-1.60	0.260	70.8	190.3	-2.3	0.227
		9.18	7.23	16.41	TWO	5.633	128.1	2.4	117.7										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 C3DIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46560.0	47760.0	0.380 8.01	1.5 7.17	2.8 15.18	0.59 TWO	1.288 5.633	101.3 128.1	0.689 2.4	3.098 117.0	332.3	548.5	0.962	5.234	-1.73	0.262	72.2	191.0	-2.5	0.221
46570.0	47760.0	0.338 7.14	358.4 7.13	2.5 14.27	0.78 TWO	1.286 5.633	97.4 128.1	0.681 2.4	3.107 116.4	341.7	548.3	0.991	5.223	-1.96	0.264	73.2	191.5	-2.9	0.216
46580.0	47760.0	0.311 6.59	352.9 7.11	2.3 13.70	1.20 TWO	1.285 5.633	93.6 128.1	0.676 2.4	3.112 116.0	351.1	548.1	1.009	5.216	-2.40	0.265	73.9	191.9	-3.5	0.214
46590.0	47760.0	0.304 6.47	344.0 7.10	5.6 13.57	2.71 TWO	1.284 5.633	89.8 128.1	0.674 2.4	3.114 115.6	0.6	188.0	1.0150	5.212	-3.94	0.265	74.2	192.2	-5.4	0.213
46600.0	47760.0	0.359 7.56	357.6 7.14	-40.4 14.70	-9.39 ONE	1.283 5.633	85.9 128.1	0.675 2.4	3.111 115.0	10.1	187.9	1.0100	5.211	8.13	0.265	74.2	193.2	8.8	0.218
46610.0	47760.0	0.338 7.13	339.1 7.11	-15.9 14.24	-1.73 ONE	1.283 5.633	82.1 128.1	0.680 2.4	3.103 115.6	19.6	187.9	0.9930	5.213	0.44	0.263	74.0	192.5	-0.1	0.214
46620.0	47760.0	0.379 7.98	334.7 7.14	-13.9 15.13	-0.97 ONE	1.282 5.633	78.2 128.1	0.688 2.4	3.091 115.7	29.2	188.0	0.9640	5.218	-0.35	0.261	73.4	192.3	-1.1	0.218
46630.0	47760.0	0.432 9.15	333.2 7.19	-13.1 16.35	-0.69 ONE	1.282 5.633	74.2 128.1	0.699 2.4	3.075 115.9	38.7	188.0	0.9240	5.225	-0.67	0.257	72.4	192.1	-1.4	0.223
46640.0	47760.0	0.494 10.59	333.8 7.25	-12.3 17.84	-0.54 ONE	1.281 5.633	70.1 128.1	0.714 2.4	3.054 116.2	48.3	188.0	0.8740	5.234	-0.84	0.253	71.2	191.9	-1.5	0.230
46650.0	47760.0	0.562 12.25	335.8 7.33	-11.1 19.58	-0.46 ONE	1.281 5.633	66.0 128.1	0.731 2.4	3.029 116.4	57.9	188.0	0.8140	5.245	-0.96	0.248	69.7	191.7	-1.6	0.239
46660.0	47760.0	0.635 14.09	338.8 7.43	-9.7 21.52	-0.41 ONE	1.282 5.633	61.7 128.1	0.752 2.4	3.002 116.5	67.4	188.0	0.7450	5.258	-1.05	0.241	67.8	191.5	-1.6	0.249

ARRIVAL DATE = 2447780.0

46520.0	47780.0	0.646 14.37	356.9 7.56	-0.7 21.93	0.32 TWO	1.294 5.364	118.3 129.9	0.759 2.4	3.048 121.3	292.9	550.0	0.736	5.360	-1.34	0.251	62.5	188.4	-1.6	0.261
46530.0	47780.0	0.572 12.49	0.0 7.43	0.8 19.92	0.34 TWO	1.292 5.364	114.0 129.9	0.737 2.4	3.066 120.5	302.6	549.8	0.806	5.326	-1.40	0.254	65.3	189.2	-1.8	0.249
46540.0	47780.0	0.503 10.81	2.3 7.33	2.0 18.14	0.37 TWO	1.291 5.364	109.8 129.9	0.719 2.4	3.083 119.7	312.2	549.6	0.866	5.299	-1.47	0.258	67.6	190.0	-2.0	0.239
46550.0	47780.0	0.441 9.35	3.4 7.25	2.8 16.61	0.42 TWO	1.290 5.364	105.7 129.9	0.704 2.4	3.097 119.0	321.7	549.3	0.917	5.277	-1.55	0.261	69.5	190.7	-2.2	0.230
46560.0	47780.0	0.387 8.15	2.8 7.19	3.0 15.34	0.51 TWO	1.288 5.364	101.8 129.9	0.692 2.4	3.109 118.3	331.1	549.1	0.958	5.260	-1.67	0.263	71.0	191.4	-2.5	0.224
46570.0	47780.0	0.344 7.23	0.1 7.15	2.7 14.39	0.66 TWO	1.287 5.364	97.9 129.9	0.683 2.4	3.118 117.8	340.5	548.9	0.988	5.248	-1.85	0.265	72.0	191.9	-2.8	0.219
46580.0	47780.0	0.313 6.65	354.9 7.13	2.1 13.77	0.97 TWO	1.286 5.364	94.0 129.9	0.678 2.4	3.124 117.3	350.0	548.7	1.007	5.240	-2.19	0.266	72.7	192.3	-3.2	0.216
46590.0	47780.0	0.302 6.44	347.0 7.12	3.5 13.56	1.96 TWO	1.285 5.364	90.2 129.9	0.675 2.4	3.125 117.0	359.4	548.6	1.015	5.236	-3.21	0.266	73.1	192.5	-4.5	0.215
46610.0	47780.0	0.334 7.06	340.8 7.13	-15.6 14.19	-1.91 ONE	1.283 5.364	82.5 129.9	0.681 2.4	3.116 117.0	18.5	188.5	0.9950	5.236	0.52	0.265	72.9	192.8	-0.1	0.216
46620.0	47780.0	0.374 7.87	336.0 7.16	-13.4 15.03	-0.94 ONE	1.283 5.364	78.6 129.9	0.688 2.4	3.104 117.1	28.0	188.5	0.9680	5.241	-0.38	0.262	72.3	192.7	-1.1	0.220
46630.0	47780.0	0.426 9.01	334.3 7.20	-12.6 16.22	-0.64 ONE	1.282 5.364	74.7 129.9	0.699 2.4	3.089 117.2	37.5	188.5	0.9300	5.248	-0.70	0.259	71.4	192.5	-1.4	0.225
46640.0	47780.0	0.487 10.42	334.7 7.27	-11.8 17.69	-0.50 ONE	1.282 5.364	70.6 129.9	0.713 2.4	3.069 117.4	47.1	188.5	0.8800	5.257	-0.88	0.255	70.2	192.3	-1.6	0.231
46650.0	47780.0	0.554 12.05	336.6 7.34	-10.7 19.39	-0.42 ONE	1.282 5.364	66.5 129.9	0.730 2.4	3.045 117.6	56.6	188.5	0.8210	5.269	-0.99	0.250	68.7	192.2	-1.6	0.240
46660.0	47780.0	0.626 13.87	339.5 7.44	-9.4 21.31	-0.37 ONE	1.282 5.364	62.2 129.9	0.750 2.4	3.018 117.7	66.2	188.4	0.7540	5.282	-1.07	0.244	66.9	192.0	-1.6	0.250

ARRIVAL DATE = 2447800.0

46550.0	47800.0	0.382 12.74	0.9 7.47	1.0 20.21	0.29 TWO	1.293 5.064	114.6 131.6	0.741 2.3	3.077 121.6	301.3	550.3	0.797	5.358	-1.38	0.256	64.0	189.8	-1.8	0.253
46560.0	47800.0	0.512 11.03	3.3 7.36	2.2 18.39	0.32 TWO	1.291 5.064	110.3 131.6	0.722 2.3	3.094 120.9	310.9	550.1	0.859	5.329	-1.44	0.259	66.4	190.5	-2.0	0.242
46570.0	47800.0	0.449 9.53	4.5 7.28	3.0 16.82	0.36 TWO	1.290 5.064	106.2 131.6	0.707 2.3	3.109 120.2	320.5	549.9	0.912	5.305	-1.51	0.262	68.3	191.2	-2.2	0.233
46580.0	47800.0	0.394 8.29	4.1 7.22	3.3 15.51	0.43 TWO	1.289 5.064	102.3 131.6	0.694 2.3	3.121 119.6	329.9	549.6	0.954	5.287	-1.61	0.264	69.8	191.8	-2.4	0.227
46590.0	47800.0	0.348 7.34	1.7 7.17	2.9 14.51	0.55 TWO	1.287 5.064	98.4 131.6	0.685 2.3	3.130 119.1	339.4	549.4	0.985	5.274	-1.75	0.266	70.9	192.3	-2.6	0.222
46580.0	47800.0	0.316 6.70	356.9 7.15	2.1 13.85	0.79 TWO	1.286 5.064	94.5 131.6	0.679 2.3	3.135 118.7	348.8	549.3	1.006	5.265	-2.01	0.267	71.6	192.7	-3.0	0.218

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46590.0	47800.0	0.302	349.6	2.3	1.46	1.285	90.7	0.677	3.137	358.3	549.2	1.015	5.260	-2.71	0.268	72.0	192.9	-3.9	0.217
		6.44	7.13	13.57	TWO	5.064	131.6	2.3	118.4										
46600.0	47800.0	0.383	326.1	33.0	11.81	1.284	86.9	0.677	3.135	7.8	189.1	1.0120	5.258	-13.08	0.267	72.1	193.2	-15.2	0.230
		8.07	7.25	15.32	TWO	5.064	131.6	2.3	116.5										
46610.0	47800.0	0.331	342.6	-15.4	-1.92	1.284	83.0	0.681	3.129	17.3	189.1	0.9980	5.260	0.62	0.266	71.9	193.3	0.0	0.218
		7.00	7.14	14.14	ONE	5.064	131.6	2.3	118.3										
46620.0	47800.0	0.369	337.4	-12.8	-0.90	1.283	79.1	0.688	3.118	26.8	189.1	0.9720	5.264	-0.42	0.264	71.3	193.2	-1.2	0.221
		7.77	7.17	14.94	ONE	5.064	131.6	2.3	118.3										
46630.0	47800.0	0.420	335.4	-12.1	-0.60	1.283	75.2	0.699	3.103	36.4	189.1	0.9350	5.271	-0.74	0.261	70.5	193.0	-1.5	0.226
		8.88	7.22	16.09	ONE	5.064	131.6	2.3	118.4										
46640.0	47800.0	0.480	335.6	-11.4	-0.46	1.283	71.1	0.712	3.084	45.9	189.0	0.8870	5.281	-0.91	0.257	69.3	192.9	-1.6	0.233
		10.25	7.28	17.53	ONE	5.064	131.6	2.3	118.6										
46650.0	47800.0	0.546	337.4	-10.4	-0.38	1.283	67.0	0.729	3.061	55.4	189.0	0.8290	5.293	-1.01	0.252	67.8	192.7	-1.7	0.241
		11.86	7.35	19.21	ONE	5.064	131.6	2.3	118.7										
46660.0	47800.0	0.618	340.2	-9.0	-0.33	1.283	62.8	0.749	3.035	64.9	188.9	0.7630	5.307	-1.09	0.247	66.0	192.6	-1.7	0.251
		13.65	7.45	21.10	ONE	5.064	131.6	2.3	118.8										

ARRIVAL DATE = 2447820.0

46530.0	47820.0	0.592	1.7	1.3	0.25	1.293	115.1	0.745	3.089	300.1	550.7	0.788	5.390	-1.37	0.257	62.7	190.5	-1.8	0.256
		13.00	7.51	20.51	TWO	4.761	133.3	2.2	122.7										
46540.0	47820.0	0.521	4.2	2.5	0.27	1.292	110.9	0.726	3.106	309.7	550.5	0.852	5.359	-1.42	0.260	65.1	191.1	-2.0	0.245
		11.25	7.40	18.65	TWO	4.761	133.3	2.2	122.0										
46550.0	47820.0	0.457	5.6	3.3	0.30	1.290	106.8	0.710	3.120	319.3	550.4	0.906	5.335	-1.47	0.263	67.1	191.7	-2.1	0.236
		9.72	7.31	17.03	TWO	4.761	133.3	2.2	121.4										
46560.0	47820.0	0.400	5.4	3.6	0.36	1.289	102.8	0.697	3.132	328.8	550.2	0.949	5.315	-1.55	0.266	68.6	192.3	-2.3	0.229
		8.44	7.25	15.69	TWO	4.761	133.3	2.2	120.8										
46570.0	47820.0	0.353	3.3	3.2	0.45	1.288	98.8	0.687	3.142	338.2	550.0	0.982	5.301	-1.67	0.267	69.8	192.8	-2.5	0.224
		7.45	7.20	14.65	TWO	4.761	133.3	2.2	120.3										
46580.0	47820.0	0.320	358.9	2.2	0.63	1.287	95.0	0.681	3.147	347.7	549.8	1.004	5.291	-1.86	0.269	70.5	193.2	-2.8	0.221
		6.77	7.17	13.94	TWO	4.761	133.3	2.2	119.9										
46590.0	47820.0	0.303	352.1	1.6	1.09	1.286	91.2	0.678	3.150	357.1	549.7	1.015	5.285	-2.34	0.269	71.0	193.4	-3.4	0.219
		6.45	7.15	13.60	TWO	4.761	133.3	2.2	119.6										
46600.0	47820.0	0.317	339.9	11.5	4.47	1.285	87.3	0.678	3.148	6.6	189.6	1.0130	5.283	-5.75	0.269	71.1	193.5	-7.3	0.221
		6.72	7.17	13.89	TWO	4.761	133.3	2.2	119.1										
46610.0	47820.0	0.328	344.5	-15.4	-2.08	1.284	83.5	0.682	3.142	16.1	189.6	1.0000	5.284	0.78	0.268	70.9	193.8	0.2	0.220
		6.94	7.16	14.10	ONE	4.761	133.3	2.2	119.5										
46620.0	47820.0	0.364	338.7	-12.1	-0.85	1.284	79.6	0.688	3.132	25.6	189.6	0.9760	5.288	-0.46	0.266	70.4	193.7	-1.2	0.223
		7.67	7.19	14.85	ONE	4.761	133.3	2.2	119.5										
46630.0	47820.0	0.414	336.6	-11.5	-0.55	1.283	75.6	0.698	3.118	35.2	189.6	0.9400	5.295	-0.79	0.263	69.5	193.6	-1.6	0.228
		8.74	7.23	15.97	ONE	4.761	133.3	2.2	119.6										
46640.0	47820.0	0.473	336.6	-10.9	-0.41	1.283	71.6	0.712	3.099	44.7	189.5	0.8930	5.305	-0.95	0.259	68.4	193.5	-1.7	0.234
		10.09	7.29	17.38	ONE	4.761	133.3	2.2	119.7										
46650.0	47820.0	0.538	338.2	-10.0	-0.34	1.283	67.5	0.728	3.077	54.2	189.5	0.8370	5.318	-1.04	0.255	67.0	193.3	-1.7	0.242
		11.66	7.36	19.03	ONE	4.761	133.3	2.2	119.8										
46660.0	47820.0	0.609	340.9	-8.7	-0.29	1.284	63.3	0.747	3.052	63.7	189.4	0.7720	5.332	-1.11	0.249	65.2	193.3	-1.7	0.251
		13.43	7.46	20.89	ONE	4.761	133.3	2.2	119.9										

ARRIVAL DATE = 2447840.0

46530.0	47840.0	0.603	2.5	1.5	0.21	1.294	115.8	0.749	3.102	298.8	551.1	0.779	5.424	-1.35	0.259	61.5	191.2	-1.8	0.260
		13.27	7.55	20.81	TWO	4.487	135.0	2.2	123.7										
46540.0	47840.0	0.531	5.1	2.8	0.22	1.292	111.5	0.729	3.118	308.5	551.0	0.844	5.391	-1.39	0.262	63.9	191.8	-1.9	0.249
		11.48	7.43	18.91	TWO	4.487	135.0	2.2	123.1										
46550.0	47840.0	0.465	6.7	3.6	0.25	1.291	107.3	0.713	3.132	318.0	550.8	0.900	5.365	-1.44	0.265	65.9	192.4	-2.1	0.240
		9.92	7.34	17.26	TWO	4.487	135.0	2.2	122.5										
46560.0	47840.0	0.407	6.7	3.9	0.29	1.290	103.3	0.700	3.144	327.6	550.7	0.945	5.344	-1.50	0.267	67.5	192.9	-2.3	0.232
		8.60	7.27	15.87	TWO	4.487	135.0	2.2	121.9										
46570.0	47840.0	0.359	4.9	3.5	0.36	1.288	99.3	0.690	3.154	337.0	550.5	0.979	5.328	-1.59	0.269	68.7	193.3	-2.5	0.227
		7.56	7.22	14.79	TWO	4.487	135.0	2.2	121.5										
46580.0	47840.0	0.323	0.7	2.4	0.49	1.287	95.5	0.683	3.160	346.5	550.4	1.002	5.317	-1.74	0.270	69.5	193.7	-2.7	0.223
		6.84	7.19	14.03	TWO	4.487	135.0	2.2	121.1										
46590.0	47840.0	0.304	354.4	1.3	0.80	1.286	91.6	0.679	3.162	356.0	550.2	1.014	5.311	-2.07	0.270	70.0	194.0	-3.1	0.221
		6.47	7.17	13.65	TWO	4.487	135.0	2.2	120.8										
46600.0	47840.0	0.307	345.1	4.6	2.40	1.285	87.8	0.679	3.161	5.4	190.2	1.0140	5.308	-3.68	0.270	70.1	194.1	-5.0	0.222
		6.53	7.18	13.71	TWO	4.487	135.0	2.2	120.5										
46610.0	47840.0	0.326	346.7	-15.8	-2.36	1.285	83.9	0.682	3.156	14.9	190.1	1.0030	5.309	1.06	0.269	69.9	194.3	0.4	0.222
		6.90	7.18	14.08	ONE	4.487	135.0	2.2	120.6										

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COAST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46620.0	47840.0	0.359	340.1	-11.4	-0.80	1.284	80.1	0.689	3.146	24.4	190.1	0.9800	5.313	-0.52	0.267	69.5	194.2	-1.3	0.225
		7.57	7.20	14.77	ONE	4.487	135.0	2.2	120.7										
46630.0	47840.0	0.408	337.7	-10.9	-0.49	1.284	76.1	0.698	3.133	33.9	190.1	0.9450	5.320	-0.84	0.265	68.7	194.2	-1.7	0.229
		8.61	7.24	15.85	ONE	4.487	135.0	2.2	120.7										
46640.0	47840.0	0.466	337.6	-10.4	-0.36	1.284	72.1	0.711	3.115	43.5	190.0	0.9000	5.330	-0.99	0.261	67.6	194.1	-1.8	0.235
		9.92	7.30	17.22	ONE	4.487	135.0	2.2	120.8										
46650.0	47840.0	0.531	339.0	-9.5	-0.29	1.284	68.0	0.727	3.094	52.9	189.9	0.8440	5.343	-1.08	0.257	66.1	194.0	-1.8	0.243
		11.47	7.38	18.85	ONE	4.487	135.0	2.2	120.9										
46660.0	47840.0	0.601	341.6	-8.3	-0.25	1.284	63.8	0.746	3.069	62.4	189.8	0.7800	5.357	-1.14	0.252	64.4	194.0	-1.8	0.252
		13.22	7.47	20.68	ONE	4.487	135.0	2.2	120.9										
ARRIVAL DATE = 2447860.0																			
46530.0	47860.0	0.613	3.3	1.8	0.17	1.294	116.4	0.753	3.114	297.5	551.5	0.770	5.458	-1.34	0.260	60.2	192.0	-1.8	0.264
		13.54	7.59	21.13	TWO	4.282	136.7	2.1	124.6										
46540.0	47860.0	0.541	6.0	3.9	0.18	1.293	112.0	0.733	3.130	307.2	551.4	0.836	5.424	-1.37	0.263	62.8	192.5	-1.9	0.253
		11.72	7.47	19.19	TWO	4.282	136.7	2.1	124.1										
46550.0	47860.0	0.474	7.7	3.9	0.20	1.291	107.9	0.716	3.144	316.8	551.3	0.893	5.396	-1.41	0.266	64.8	193.0	-2.1	0.243
		10.12	7.37	17.49	TWO	4.282	136.7	2.1	123.5										
46560.0	47860.0	0.415	8.0	4.2	0.23	1.290	103.8	0.702	3.157	326.3	551.1	0.940	5.373	-1.46	0.268	66.4	193.5	-2.2	0.235
		8.77	7.30	16.07	TWO	4.282	136.7	2.1	123.0										
46570.0	47860.0	0.365	6.4	3.8	0.28	1.289	99.9	0.692	3.166	335.8	551.0	0.976	5.357	-1.52	0.270	67.6	194.0	-2.4	0.230
		7.69	7.25	14.94	TWO	4.282	136.7	2.1	122.6										
46580.0	47860.0	0.327	2.6	2.7	0.37	1.288	96.0	0.685	3.172	345.3	550.9	1.000	5.345	-1.63	0.271	68.5	194.3	-2.6	0.226
		6.92	7.21	14.13	TWO	4.282	136.7	2.1	122.2										
46590.0	47860.0	0.306	356.6	1.2	0.58	1.287	92.1	0.681	3.175	354.8	550.8	1.013	5.337	-1.85	0.272	69.0	194.5	-2.9	0.224
		6.51	7.19	13.70	TWO	4.282	136.7	2.1	121.9										
46600.0	47860.0	0.304	348.6	1.6	1.43	1.286	88.3	0.680	3.175	4.3	190.7	1.0150	5.334	-2.71	0.272	69.2	194.7	-3.9	0.223
		6.48	7.19	13.67	TWO	4.282	136.7	2.1	121.7										
46610.0	47860.0	0.325	349.4	-17.2	-2.94	1.285	84.4	0.683	3.170	13.7	190.6	1.0050	5.335	1.64	0.271	69.0	195.0	1.1	0.224
		6.88	7.20	14.08	ONE	4.282	136.7	2.1	121.7										
46620.0	47860.0	0.355	341.5	-10.6	-0.73	1.285	80.6	0.689	3.161	23.2	190.6	0.9830	5.339	-0.58	0.269	68.6	194.8	-1.4	0.226
		7.47	7.22	14.69	ONE	4.282	136.7	2.1	121.7										
46630.0	47860.0	0.402	338.9	-10.3	-0.42	1.285	76.6	0.698	3.148	32.7	190.5	0.9500	5.346	-0.90	0.267	67.8	194.8	-1.8	0.231
		8.47	7.26	15.73	ONE	4.282	136.7	2.1	121.8										
46640.0	47860.0	0.459	338.6	-9.9	-0.30	1.285	72.6	0.711	3.131	42.2	190.5	0.9060	5.356	-1.04	0.263	66.8	194.7	-1.8	0.237
		9.76	7.31	17.07	ONE	4.282	136.7	2.1	121.8										
46650.0	47860.0	0.523	339.9	-9.1	-0.24	1.285	68.5	0.726	3.110	51.7	190.4	0.8520	5.368	-1.11	0.259	65.4	194.7	-1.9	0.244
		11.28	7.39	18.67	ONE	4.282	136.7	2.1	121.9										
46660.0	47860.0	0.592	342.4	-7.9	-0.21	1.285	64.4	0.744	3.086	61.1	190.2	0.7890	5.383	-1.17	0.256	63.7	194.7	-1.8	0.253
		13.00	7.48	20.48	ONE	4.282	136.7	2.1	121.9										
ARRIVAL DATE = 2447880.0																			
46530.0	47880.0	0.624	4.1	2.0	0.13	1.295	117.0	0.757	3.127	296.1	551.8	0.760	5.493	-1.33	0.262	59.1	192.8	-1.8	0.268
		13.82	7.63	21.45	TWO	4.178	138.4	2.0	125.5										
46540.0	47880.0	0.551	6.9	3.3	0.13	1.293	112.6	0.736	3.143	305.9	551.8	0.828	5.457	-1.35	0.265	61.6	193.3	-1.9	0.256
		11.97	7.50	19.47	TWO	4.178	138.4	2.0	125.0										
46550.0	47880.0	0.483	8.8	4.2	0.15	1.292	108.4	0.719	3.157	315.5	551.7	0.887	5.427	-1.38	0.267	63.7	193.7	-2.1	0.246
		10.33	7.41	17.74	TWO	4.178	138.4	2.0	124.5										
46560.0	47880.0	0.423	9.2	4.5	0.17	1.290	104.3	0.705	3.169	325.1	551.6	0.935	5.404	-1.41	0.270	65.4	194.2	-2.2	0.238
		8.94	7.33	16.27	TWO	4.178	138.4	2.0	124.0										
46570.0	47880.0	0.371	7.9	4.2	0.20	1.289	100.4	0.694	3.179	334.6	551.5	0.972	5.386	-1.46	0.271	66.6	194.6	-2.3	0.232
		7.82	7.27	15.09	TWO	4.178	138.4	2.0	123.6										
46580.0	47880.0	0.332	4.4	3.0	0.26	1.288	96.5	0.687	3.185	344.1	551.4	0.998	5.373	-1.54	0.273	67.5	194.9	-2.5	0.228
		7.01	7.24	14.24	TWO	4.178	138.4	2.0	123.3										
46590.0	47880.0	0.306	358.8	1.3	0.40	1.287	92.6	0.682	3.189	353.6	551.3	1.012	5.365	-1.68	0.273	68.1	195.2	-2.7	0.226
		6.55	7.21	13.76	TWO	4.178	138.4	2.0	123.0										
46600.0	47880.0	0.303	351.4	0.3	0.86	1.286	88.8	0.681	3.188	3.1	191.2	1.0150	5.361	-2.15	0.273	68.3	195.3	-3.2	0.225
		6.46	7.21	13.67	TWO	4.178	138.4	2.0	122.8										
46610.0	47880.0	0.332	354.3	-23.4	-4.89	1.286	84.9	0.684	3.184	12.5	191.1	1.0070	5.361	3.59	0.272	68.2	195.8	3.2	0.227
		7.01	7.22	14.23	ONE	4.178	138.4	2.0	122.6										
46620.0	47880.0	0.350	343.0	-9.7	-0.64	1.285	81.0	0.689	3.175	22.0	191.1	0.9860	5.364	-0.67	0.271	67.7	195.5	-1.6	0.228
		7.38	7.24	14.62	ONE	4.178	138.4	2.0	122.8										
46630.0	47880.0	0.396	340.1	-9.6	-0.35	1.285	77.1	0.698	3.163	31.5	191.0	0.9550	5.372	-0.98	0.268	67.0	195.5	-1.9	0.232
		8.35	7.27	15.62	ONE	4.178	138.4	2.0	122.8										
46640.0	47880.0	0.452	339.6	-9.3	-0.24	1.285	73.1	0.710	3.147	41.0	191.0	0.9120	5.382	-1.09	0.265	66.0	195.4	-1.9	0.238
		9.60	7.33	16.93	ONE	4.178	138.4	2.0	122.8										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46650.0	47880.0	0.515	340.7	-8.6	-0.19	1.285	69.1	0.725	3.127	50.5	190.8	0.859D	5.394	-1.15	0.262	64.6	195.4	-1.9	0.245
		11.10	7.40	18.49	ONE	4.178	138.4	2.0	122.8										
46660.0	47880.0	0.584	343.1	-7.5	-0.16	1.286	64.9	0.743	3.103	59.9	190.7	0.797D	5.410	-1.19	0.257	63.0	195.4	-1.9	0.254
		12.79	7.49	20.28	ONE	4.178	138.4	2.0	122.8										
								ARRIVAL DATE = 2447900.0											
46530.0	47900.0	0.636	4.9	2.3	0.08	1.295	117.7	0.761	3.140	294.8	552.2	0.750	5.529	-1.32	0.263	57.9	193.7	-1.8	0.272
		14.11	7.67	21.78	TWO	4.198	140.1	2.0	126.3										
46540.0	47900.0	0.561	7.8	3.6	0.09	1.294	113.2	0.740	3.155	304.6	552.2	0.820	5.491	-1.34	0.266	60.5	194.1	-1.9	0.260
		12.22	7.54	19.76	TWO	4.198	140.1	2.0	125.9										
46550.0	47900.0	0.492	9.8	4.5	0.10	1.292	109.0	0.723	3.170	314.3	552.1	0.880	5.460	-1.35	0.269	62.6	194.5	-2.1	0.250
		10.55	7.44	17.98	TWO	4.198	140.1	2.0	125.4										
46560.0	47900.0	0.430	10.5	4.9	0.11	1.291	104.9	0.708	3.182	323.9	552.0	0.929	5.435	-1.38	0.271	64.3	194.9	-2.2	0.241
		9.11	7.36	16.47	TWO	4.198	140.1	2.0	125.0										
46570.0	47900.0	0.378	9.4	4.5	0.13	1.290	100.9	0.697	3.192	333.4	551.9	0.968	5.415	-1.41	0.273	65.6	195.3	-2.3	0.235
		7.95	7.30	15.25	TWO	4.198	140.1	2.0	124.6										
46580.0	47900.0	0.336	6.2	3.4	0.17	1.289	97.0	0.689	3.198	342.9	551.8	0.995	5.401	-1.45	0.274	66.6	195.6	-2.4	0.231
		7.10	7.26	14.36	TWO	4.198	140.1	2.0	124.3										
46590.0	47900.0	0.310	0.8	1.5	0.25	1.288	93.1	0.684	3.202	352.4	551.7	1.011	5.392	-1.54	0.275	67.2	195.9	-2.5	0.228
		6.59	7.23	13.83	TWO	4.198	140.1	2.0	124.0										
46600.0	47900.0	0.303	353.9	-0.4	0.49	1.287	89.3	0.683	3.202	1.8	191.7	1.016D	5.388	-1.78	0.275	67.4	196.0	-2.8	0.227
		6.45	7.23	13.68	TWO	4.198	140.1	2.0	123.9										
46610.0	47900.0	0.457	319.3	43.3	16.97	1.286	85.4	0.685	3.198	11.3	191.6	1.009D	5.388	-18.27	0.274	67.3	196.9	-19.3	0.251
		9.73	7.45	17.19	TWO	4.198	140.1	2.0	120.3										
46620.0	47900.0	0.346	344.4	-8.7	-0.51	1.286	81.5	0.690	3.190	20.8	191.5	0.990D	5.391	-0.79	0.272	66.9	196.2	-1.7	0.230
		7.29	7.25	14.54	ONE	4.198	140.1	2.0	123.8										
46630.0	47900.0	0.390	341.3	-8.8	-0.26	1.286	77.6	0.698	3.179	30.3	191.5	0.959D	5.398	-1.06	0.270	66.2	196.2	-2.0	0.234
		8.22	7.29	15.51	ONE	4.198	140.1	2.0	123.8										
46640.0	47900.0	0.445	340.6	-8.7	-0.17	1.286	73.6	0.710	3.163	39.8	191.4	0.918D	5.408	-1.15	0.267	65.2	196.2	-2.0	0.239
		9.44	7.34	16.78	ONE	4.198	140.1	2.0	123.8										
46650.0	47900.0	0.507	341.6	-8.1	-0.13	1.286	69.6	0.724	3.144	49.2	191.3	0.866D	5.421	-1.20	0.264	63.9	196.2	-2.0	0.247
		10.91	7.41	18.32	ONE	4.198	140.1	2.0	123.8										
46660.0	47900.0	0.575	343.9	-7.1	-0.11	1.287	65.4	0.742	3.121	58.6	191.1	0.806D	5.436	-1.23	0.259	62.3	196.2	-2.0	0.255
		12.58	7.50	20.08	ONE	4.198	140.1	2.0	123.7										
46670.0	47900.0	0.646	347.1	-5.7	-0.10	1.287	61.2	0.762	3.095	68.0	190.8	0.737D	5.454	-1.25	0.254	60.4	196.3	-1.9	0.265
		14.43	7.60	22.03	ONE	4.198	140.1	2.0	123.6										
								ARRIVAL DATE = 2447920.0											
46530.0	47920.0	0.647	5.7	2.6	0.05	1.296	118.3	0.765	3.153	293.4	552.5	0.740	5.566	-1.31	0.265	56.8	194.6	-1.8	0.276
		14.41	7.71	22.12	TWO	4.339	141.8	1.9	127.1										
46540.0	47920.0	0.571	8.7	3.9	0.05	1.294	113.8	0.744	3.168	303.3	552.6	0.811	5.526	-1.32	0.267	59.4	194.9	-1.9	0.263
		12.48	7.58	20.06	TWO	4.339	141.8	1.9	126.7										
46550.0	47920.0	0.501	10.8	4.8	0.05	1.293	109.6	0.726	3.183	313.0	552.5	0.872	5.493	-1.33	0.270	61.6	195.3	-2.1	0.253
		10.77	7.47	18.24	TWO	4.339	141.8	1.9	126.3										
46560.0	47920.0	0.439	11.7	5.2	0.06	1.291	105.4	0.711	3.195	322.6	552.5	0.923	5.466	-1.34	0.272	63.3	195.7	-2.2	0.244
		9.30	7.39	16.69	TWO	4.339	141.8	1.9	125.9										
46570.0	47920.0	0.384	10.8	4.9	0.07	1.290	101.4	0.699	3.205	332.1	552.4	0.964	5.446	-1.36	0.274	64.7	196.1	-2.3	0.238
		8.10	7.33	15.42	TWO	4.339	141.8	1.9	125.5										
46580.0	47920.0	0.341	7.9	3.8	0.09	1.289	97.5	0.691	3.212	341.7	552.3	0.993	5.431	-1.38	0.275	65.7	196.4	-2.3	0.233
		7.20	7.28	14.49	TWO	4.339	141.8	1.9	125.2										
46590.0	47920.0	0.313	2.9	1.8	0.12	1.288	93.6	0.686	3.216	351.1	552.2	1.010	5.421	-1.42	0.276	66.3	196.6	-2.4	0.230
		6.65	7.26	13.90	TWO	4.339	141.8	1.9	125.0										
46600.0	47920.0	0.303	356.3	-0.6	0.22	1.287	89.7	0.684	3.216	0.6	192.1	1.016D	5.416	-1.52	0.276	66.6	196.7	-2.6	0.229
		6.46	7.25	13.70	TWO	4.339	141.8	1.9	124.8										
46610.0	47920.0	0.314	348.1	0.7	1.30	1.287	85.9	0.686	3.213	10.1	192.1	1.010D	5.415	-2.61	0.275	66.5	196.8	-3.8	0.230
		6.67	7.25	13.92	TWO	4.339	141.8	1.9	124.7										
46620.0	47920.0	0.342	345.7	-7.5	-0.34	1.287	82.0	0.690	3.205	19.6	192.0	0.993D	5.418	-0.97	0.274	66.2	196.9	-1.9	0.232
		7.21	7.27	14.48	ONE	4.339	141.8	1.9	124.7										
46630.0	47920.0	0.385	342.5	-7.9	-0.15	1.286	78.1	0.698	3.194	29.0	191.9	0.964D	5.425	-1.16	0.272	65.5	196.9	-2.1	0.236
		8.10	7.30	15.40	ONE	4.339	141.8	1.9	124.7										
46640.0	47920.0	0.438	341.7	-8.1	-0.10	1.287	74.1	0.709	3.179	38.5	191.8	0.924D	5.435	-1.22	0.269	64.5	196.9	-2.1	0.241
		9.29	7.35	16.64	ONE	4.339	141.8	1.9	124.7										
46650.0	47920.0	0.500	342.5	-7.6	-0.08	1.287	70.1	0.724	3.161	47.9	191.7	0.874D	5.448	-1.24	0.266	63.3	197.0	-2.1	0.248
		10.73	7.42	18.15	ONE	4.339	141.8	1.9	124.6										
46660.0	47920.0	0.567	344.7	-6.7	-0.06	1.287	66.0	0.741	3.139	57.3	191.5	0.814D	5.463	-1.26	0.262	61.7	197.0	-2.0	0.256
		12.38	7.50	19.88	ONE	4.339	141.8	1.9	124.6										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46670.0	47920.0	0.639	347.8	-5.3	-0.05	1.288	61.8	0.760	3.114	66.7	191.2	0.7460	5.481	-1.27	0.257	59.8	197.2	-2.0	0.266
		14.20	7.61	21.80	ONE	4.339	141.8	1.9	124.4										

ARRIVAL DATE = 2447940.0

46540.0	47940.0	0.582	9.6	4.1	0.01	1.295	114.5	0.748	3.182	301.9	552.9	0.802	5.561	-1.31	0.269	58.3	195.8	-2.0	0.267
		12.75	7.62	20.36	TWO	4.577	143.4	1.8	127.5										
46550.0	47940.0	0.511	11.8	5.1	0.01	1.293	110.1	0.729	3.196	311.7	552.9	0.865	5.527	-1.31	0.271	60.6	196.2	-2.1	0.256
		11.00	7.51	18.50	TWO	4.577	143.4	1.8	127.1										
46560.0	47940.0	0.447	12.8	5.5	0.01	1.292	106.0	0.714	3.208	321.3	552.9	0.917	5.499	-1.31	0.274	62.4	196.5	-2.2	0.248
		9.49	7.42	16.91	TWO	4.577	143.4	1.8	126.8										
46570.0	47940.0	0.391	12.3	5.3	0.01	1.291	102.0	0.702	3.218	330.9	552.8	0.959	5.477	-1.31	0.275	63.7	196.9	-2.2	0.241
		8.25	7.35	15.60	TWO	4.577	143.4	1.8	126.4										
46580.0	47940.0	0.347	9.6	4.2	0.01	1.290	98.0	0.693	3.225	340.4	552.7	0.990	5.461	-1.32	0.277	64.8	197.1	-2.3	0.236
		7.31	7.31	14.62	TWO	4.577	143.4	1.8	126.1										
46590.0	47940.0	0.316	4.9	2.2	0.02	1.289	94.1	0.688	3.229	349.9	552.6	1.009	5.450	-1.32	0.277	65.4	197.4	-2.3	0.233
		6.71	7.28	13.98	TWO	4.577	143.4	1.8	125.9										
46600.0	47940.0	0.304	358.6	-0.5	0.03	1.288	90.2	0.685	3.230	359.4	552.6	1.016	5.444	-1.33	0.277	65.7	197.5	-2.4	0.231
		6.47	7.26	13.74	TWO	4.577	143.4	1.8	125.8										
46610.0	47940.0	0.312	351.9	-3.0	0.10	1.287	86.4	0.687	3.227	8.9	192.5	1.0120	5.443	-1.40	0.277	65.7	197.6	-2.5	0.232
		6.62	7.27	13.88	TWO	4.577	143.4	1.8	125.7										
46620.0	47940.0	0.338	347.0	-5.8	-0.06	1.287	82.5	0.691	3.220	18.3	192.4	0.9960	5.445	-1.24	0.276	65.4	197.7	-2.3	0.234
		7.13	7.28	14.41	ONE	4.577	143.4	1.8	125.6										
46630.0	47940.0	0.379	343.8	-7.0	-0.02	1.287	78.6	0.698	3.210	27.8	192.4	0.9680	5.452	-1.28	0.274	64.8	197.7	-2.3	0.237
		7.98	7.32	15.30	ONE	4.577	143.4	1.8	125.6										
46640.0	47940.0	0.432	342.7	-7.4	-0.01	1.287	74.7	0.709	3.196	37.3	192.3	0.9290	5.462	-1.29	0.271	63.9	197.8	-2.2	0.242
		9.14	7.37	16.51	ONE	4.577	143.4	1.8	125.5										
46650.0	47940.0	0.492	343.4	-7.1	-0.01	1.287	70.6	0.723	3.178	46.7	192.1	0.8810	5.475	-1.30	0.268	62.6	197.8	-2.2	0.249
		10.55	7.43	17.98	ONE	4.577	143.4	1.8	125.5										
46660.0	47940.0	0.559	345.5	-6.2	-0.01	1.288	66.5	0.740	3.156	56.1	191.9	0.8220	5.490	-1.30	0.264	61.1	197.9	-2.1	0.257
		12.17	7.51	19.68	ONE	4.577	143.4	1.8	125.4										
46670.0	47940.0	0.630	348.5	-5.0	-0.01	1.289	62.3	0.759	3.132	65.4	191.6	0.7560	5.508	-1.30	0.259	59.2	198.0	-2.0	0.267
		13.97	7.61	21.58	ONE	4.577	143.4	1.8	125.3										

ARRIVAL DATE = 2447960.0

46540.0	47960.0	0.593	10.5	4.4	-0.03	1.295	115.1	0.752	3.195	300.6	553.2	0.793	5.598	-1.29	0.270	57.3	196.8	-2.0	0.271
		13.02	7.65	20.67	TWO	4.876	145.1	1.8	128.2										
46550.0	47960.0	0.521	12.8	5.4	-0.04	1.294	110.7	0.733	3.209	310.4	553.3	0.857	5.561	-1.29	0.273	59.6	197.1	-2.1	0.260
		11.24	7.54	18.78	TWO	4.876	145.1	1.8	127.9										
46560.0	47960.0	0.456	14.0	5.9	-0.04	1.292	106.6	0.717	3.221	320.0	553.3	0.911	5.531	-1.28	0.275	61.4	197.4	-2.2	0.251
		9.69	7.45	17.14	TWO	4.876	145.1	1.8	127.6										
46570.0	47960.0	0.399	13.6	5.7	-0.05	1.291	102.5	0.705	3.231	329.6	553.2	0.954	5.508	-1.27	0.277	62.8	197.7	-2.2	0.244
		8.41	7.38	15.79	TWO	4.876	145.1	1.8	127.3										
46580.0	47960.0	0.352	11.3	4.6	-0.06	1.290	98.5	0.695	3.239	339.2	553.2	0.986	5.491	-1.26	0.278	63.9	198.0	-2.3	0.239
		7.42	7.33	14.76	TWO	4.876	145.1	1.8	127.0										
46590.0	47960.0	0.320	6.9	2.6	-0.08	1.289	94.6	0.690	3.243	348.7	553.1	1.007	5.479	-1.23	0.279	64.6	198.2	-2.3	0.235
		6.77	7.30	14.07	TWO	4.876	145.1	1.8	126.8										
46600.0	47960.0	0.305	0.8	-0.2	-0.12	1.288	90.7	0.687	3.244	358.2	553.0	1.016	5.473	-1.18	0.279	64.9	198.3	-2.2	0.234
		6.49	7.28	13.78	TWO	4.876	145.1	1.8	126.6										
46610.0	47960.0	0.310	354.6	-3.9	-0.35	1.288	86.9	0.688	3.242	7.6	193.0	1.0130	5.471	-0.96	0.279	65.0	198.4	-2.0	0.234
		6.59	7.28	13.87	TWO	4.876	145.1	1.8	126.5										
46620.0	47960.0	0.334	347.9	-3.4	0.43	1.288	83.0	0.691	3.236	17.1	192.9	0.9980	5.473	-1.74	0.277	64.7	198.5	-2.8	0.235
		7.06	7.30	14.36	ONE	4.876	145.1	1.8	126.4										
46630.0	47960.0	0.374	345.0	-5.9	0.13	1.288	79.1	0.699	3.226	26.6	192.8	0.9720	5.479	-1.44	0.276	64.1	198.5	-2.5	0.239
		7.87	7.33	15.20	ONE	4.876	145.1	1.8	126.4										
46640.0	47960.0	0.425	343.8	-6.6	0.08	1.288	75.2	0.709	3.212	36.0	192.7	0.9350	5.489	-1.38	0.273	63.2	198.6	-2.4	0.244
		8.99	7.38	16.37	ONE	4.876	145.1	1.8	126.4										
46650.0	47960.0	0.485	344.4	-6.5	0.06	1.288	71.2	0.722	3.195	45.4	192.5	0.8870	5.502	-1.35	0.270	62.0	198.7	-2.3	0.250
		10.37	7.44	17.81	ONE	4.876	145.1	1.8	126.3										
46660.0	47960.0	0.551	346.3	-5.8	0.05	1.289	67.1	0.738	3.174	54.8	192.3	0.8300	5.518	-1.34	0.266	60.5	198.8	-2.2	0.258
		11.97	7.52	19.49	ONE	4.876	145.1	1.8	126.2										
46670.0	47960.0	0.621	349.2	-4.6	0.04	1.289	62.9	0.757	3.150	64.1	192.0	0.7650	5.536	-1.33	0.262	58.7	198.9	-2.1	0.268
		13.74	7.62	21.37	ONE	4.876	145.1	1.8	126.0										

ARRIVAL DATE = 2447980.0

46540.0	47980.0	0.604	11.3	4.7	-0.07	1.296	115.7	0.756	3.209	299.2	553.5	0.783	5.634	-1.28	0.272	56.3	197.8	-2.0	0.274
		13.30	7.69	20.99	TWO	5.197	146.8	1.7	128.9										

1986
EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46550.0	47980.0	0.531	13.8	5.7	-0.08	1.294	111.4	0.737	3.223	309.0	553.6	0.849	5.596	-1.27	0.274	58.6	198.0	-2.1	0.263
		11.48	7.57	19.05	TWO	5.197	146.8	1.7	128.6										
46560.0	47980.0	0.464	15.2	6.2	-0.09	1.293	107.1	0.720	3.235	318.7	553.6	0.905	5.565	-1.25	0.276	60.5	198.3	-2.2	0.254
		9.89	7.48	17.37	TWO	5.197	146.8	1.7	128.3										
46570.0	47980.0	0.406	15.0	6.1	-0.10	1.292	103.0	0.707	3.245	328.3	553.6	0.949	5.540	-1.23	0.278	62.0	198.6	-2.2	0.247
		8.57	7.41	15.98	TWO	5.197	146.8	1.7	128.1										
46580.0	47980.0	0.358	13.0	5.1	-0.12	1.291	99.1	0.698	3.253	337.9	553.6	0.983	5.522	-1.21	0.279	63.0	198.8	-2.2	0.241
		7.54	7.36	14.90	TWO	5.197	146.8	1.7	127.8										
46590.0	47980.0	0.324	8.8	3.1	-0.16	1.290	95.1	0.691	3.257	347.4	553.5	1.005	5.509	-1.16	0.280	63.8	199.0	-2.2	0.238
		6.85	7.32	14.17	TWO	5.197	146.8	1.7	127.6										
46600.0	47980.0	0.306	2.9	0.1	-0.25	1.289	91.3	0.688	3.259	356.9	553.4	1.015	5.502	-1.07	0.280	64.2	199.2	-2.2	0.236
		6.52	7.30	13.82	TWO	5.197	146.8	1.7	127.5										
46610.0	47980.0	0.309	356.9	-4.0	-0.58	1.289	87.4	0.689	3.257	6.4	193.4	1.014D	5.499	-0.73	0.280	64.2	199.3	-1.8	0.236
		6.57	7.30	13.87	TWO	5.197	146.8	1.7	127.4										
46620.0	47980.0	0.332	347.9	1.4	1.57	1.288	83.5	0.692	3.251	15.9	193.3	1.001D	5.501	-2.88	0.279	64.0	199.3	-4.1	0.238
		7.02	7.32	14.34	ONE	5.197	146.8	1.7	127.2										
46630.0	47980.0	0.369	346.2	-4.7	0.33	1.288	79.6	0.699	3.242	25.3	193.2	0.976D	5.507	-1.63	0.278	63.4	199.4	-2.7	0.240
		7.76	7.35	15.11	ONE	5.197	146.8	1.7	127.2										
46640.0	47980.0	0.419	344.9	-5.8	0.19	1.288	75.7	0.709	3.229	34.7	193.1	0.940D	5.517	-1.48	0.275	62.6	199.5	-2.5	0.245
		8.85	7.39	16.24	ONE	5.197	146.8	1.7	127.2										
46650.0	47980.0	0.477	345.3	-5.9	0.14	1.289	71.7	0.722	3.212	44.1	192.9	0.894D	5.530	-1.42	0.272	61.4	199.5	-2.4	0.251
		10.19	7.46	17.65	ONE	5.197	146.8	1.7	127.1										
46660.0	47980.0	0.542	347.1	-5.3	0.11	1.289	67.6	0.737	3.192	53.5	192.7	0.838D	5.546	-1.38	0.269	60.0	199.7	-2.3	0.259
		11.76	7.53	19.30	ONE	5.197	146.8	1.7	127.0										
46670.0	47980.0	0.612	349.9	-4.2	0.09	1.290	63.4	0.756	3.169	62.9	192.4	0.774D	5.564	-1.36	0.264	58.2	199.8	-2.2	0.268
		13.52	7.63	21.15	ONE	5.197	146.8	1.7	126.8										

ARRIVAL DATE = 2448000.0

46540.0	48000.0	0.615	12.2	5.0	-0.11	1.296	116.4	0.760	3.222	297.8	553.8	0.773	5.672	-1.27	0.273	55.3	198.8	-2.0	0.278
		13.59	7.73	21.32	TWO	5.509	148.4	1.6	129.5										
46550.0	48000.0	0.541	14.8	6.0	-0.12	1.295	112.0	0.740	3.236	307.7	553.9	0.841	5.632	-1.25	0.276	57.6	199.0	-2.1	0.266
		11.73	7.61	19.34	TWO	5.509	148.4	1.6	129.3										
46560.0	48000.0	0.474	16.3	6.6	-0.13	1.293	107.7	0.724	3.248	317.4	554.0	0.898	5.599	-1.23	0.278	59.6	199.2	-2.2	0.257
		10.11	7.51	17.62	TWO	5.509	148.4	1.6	129.1										
46570.0	48000.0	0.414	16.4	6.5	-0.15	1.292	103.6	0.710	3.259	327.1	554.0	0.944	5.573	-1.20	0.279	61.1	199.5	-2.2	0.249
		8.74	7.44	16.18	TWO	5.509	148.4	1.6	128.8										
46580.0	48000.0	0.364	14.6	5.6	-0.18	1.291	99.6	0.700	3.267	336.6	554.0	0.979	5.554	-1.16	0.281	62.2	199.7	-2.2	0.244
		7.67	7.38	15.05	TWO	5.509	148.4	1.6	128.6										
46590.0	48000.0	0.328	10.7	3.6	-0.23	1.290	95.7	0.693	3.271	346.2	553.9	1.003	5.540	-1.10	0.282	63.0	199.9	-2.2	0.240
		6.93	7.35	14.27	TWO	5.509	148.4	1.6	128.4										
46600.0	48000.0	0.308	5.1	0.6	-0.35	1.290	91.8	0.690	3.273	355.7	553.9	1.015	5.532	-0.97	0.282	63.4	200.0	-2.1	0.238
		6.55	7.33	13.87	TWO	5.509	148.4	1.6	128.3										
46610.0	48000.0	0.308	359.1	-3.7	-0.72	1.289	87.9	0.690	3.272	5.1	193.8	1.015D	5.528	-0.59	0.282	63.5	200.2	-1.7	0.238
		6.55	7.32	13.88	TWO	5.509	148.4	1.6	128.2										
46620.0	48000.0	0.355	340.8	20.1	6.97	1.289	84.0	0.693	3.267	14.6	193.7	1.003D	5.530	-8.27	0.281	63.3	200.2	-9.6	0.244
		7.48	7.38	14.86	ONE	5.509	148.4	1.6	127.2										
46630.0	48000.0	0.364	347.3	-3.2	0.60	1.289	80.1	0.699	3.258	24.0	193.6	0.980D	5.535	-1.89	0.279	62.8	200.3	-3.0	0.242
		7.66	7.36	15.02	ONE	5.509	148.4	1.6	128.0										
46640.0	48000.0	0.412	346.0	-5.0	0.32	1.289	76.2	0.709	3.245	33.5	193.5	0.946D	5.545	-1.60	0.277	62.0	200.3	-2.7	0.246
		8.71	7.41	16.11	ONE	5.509	148.4	1.6	127.9										
46650.0	48000.0	0.470	346.2	-5.3	0.22	1.289	72.2	0.721	3.229	42.9	193.3	0.901D	5.558	-1.49	0.274	60.9	200.4	-2.5	0.252
		10.02	7.47	17.49	ONE	5.509	148.4	1.6	127.9										
46660.0	48000.0	0.534	347.9	-4.8	0.17	1.290	68.1	0.736	3.210	52.2	193.1	0.846D	5.574	-1.43	0.271	59.4	200.6	-2.4	0.260
		11.56	7.54	19.11	ONE	5.509	148.4	1.6	127.7										
46670.0	48000.0	0.604	350.7	-3.7	0.14	1.291	64.0	0.754	3.187	61.6	192.8	0.783D	5.592	-1.40	0.267	57.7	200.8	-2.3	0.269
		13.30	7.64	20.93	ONE	5.509	148.4	1.6	127.5										

ARRIVAL DATE = 2448020.0

46540.0	48020.0	0.627	13.0	5.3	-0.15	1.297	117.1	0.764	3.236	296.4	554.1	0.763	5.710	-1.27	0.275	54.3	199.8	-2.0	0.282
		13.88	7.77	21.66	TWO	5.785	150.1	1.5	130.1										
46550.0	48020.0	0.551	15.7	6.3	-0.16	1.295	112.6	0.744	3.250	306.3	554.2	0.832	5.668	-1.24	0.277	56.7	200.0	-2.1	0.270
		11.99	7.65	19.63	TWO	5.785	150.1	1.5	130.0										
46560.0	48020.0	0.483	17.4	6.9	-0.17	1.294	108.3	0.727	3.262	316.1	554.3	0.891	5.634	-1.21	0.279	58.7	200.2	-2.2	0.260
		10.33	7.54	17.87	TWO	5.785	150.1	1.5	129.8										
46570.0	48020.0	0.422	17.7	6.9	-0.19	1.293	104.2	0.713	3.273	325.8	554.4	0.939	5.606	-1.17	0.281	60.2	200.4	-2.2	0.252
		8.92	7.47	16.39	TWO	5.785	150.1	1.5	129.6										

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46580.0	48020.0	0.371	16.2	6.0	-0.23	1.292	100.1	0.703	3.281	335.4	554.3	0.976	5.586	-1.12	0.282	61.4	200.6	-2.2	0.246
		7.81	7.41	15.21	TWO	5.785	150.1	1.5	129.4										
46590.0	48020.0	0.332	12.6	4.2	-0.30	1.291	96.2	0.695	3.286	344.9	554.3	1.001	5.571	-1.04	0.283	62.2	200.8	-2.2	0.242
		7.02	7.37	14.39	TWO	5.785	150.1	1.5	129.2										
46600.0	48020.0	0.310	7.2	1.2	-0.43	1.290	92.3	0.692	3.288	354.4	554.3	1.014	5.562	-0.89	0.283	62.7	200.9	-2.0	0.240
		6.59	7.35	13.93	TWO	5.785	150.1	1.5	129.0										
46610.0	48020.0	0.308	1.2	-3.2	-0.81	1.290	88.4	0.691	3.287	3.9	194.2	1.0160	5.558	-0.50	0.283	62.8	201.1	-1.6	0.239
		6.54	7.34	13.88	TWO	5.785	150.1	1.5	128.9										
46620.0	48020.0	0.385	10.1	-37.4	-10.58	1.289	84.5	0.694	3.282	13.3	194.1	1.0050	5.559	9.29	0.282	62.7	202.1	8.3	0.246
		8.11	7.41	15.52	TWO	5.785	150.1	1.5	127.8										
46630.0	48020.0	0.359	348.3	-1.3	0.96	1.289	80.6	0.700	3.274	22.8	194.0	0.9840	5.564	-2.24	0.281	62.2	201.2	-3.4	0.244
		7.57	7.38	14.95	ONE	5.785	150.1	1.5	128.7										
46640.0	48020.0	0.406	347.1	-4.0	0.46	1.290	76.7	0.709	3.262	32.2	193.9	0.9510	5.573	-1.74	0.279	61.4	201.3	-2.8	0.248
		8.57	7.42	15.99	ONE	5.785	150.1	1.5	128.7										
46650.0	48020.0	0.463	347.2	-4.6	0.31	1.290	72.7	0.721	3.246	41.6	193.7	0.9070	5.586	-1.57	0.276	60.3	201.4	-2.6	0.254
		9.85	7.48	17.33	ONE	5.785	150.1	1.5	128.6										
46660.0	48020.0	0.526	348.8	-4.2	0.24	1.291	68.7	0.736	3.228	51.0	193.5	0.8540	5.602	-1.49	0.273	58.9	201.5	-2.5	0.261
		11.37	7.55	18.92	ONE	5.785	150.1	1.5	128.4										
46670.0	48020.0	0.595	351.4	-3.3	0.20	1.291	64.5	0.753	3.206	60.3	193.2	0.7910	5.620	-1.43	0.269	57.2	201.7	-2.3	0.270
		13.08	7.65	20.72	ONE	5.785	150.1	1.5	128.2										
								ARRIVAL DATE = 2448040.0											
46540.0	48040.0	0.638	13.9	5.6	-0.19	1.297	117.7	0.768	3.250	295.0	554.3	0.752	5.748	-1.26	0.276	53.3	200.9	-2.1	0.285
		14.18	7.81	22.00	TWO	6.006	151.8	1.5	130.7										
46550.0	48040.0	0.562	16.7	6.6	-0.20	1.296	113.2	0.748	3.264	305.0	554.5	0.823	5.705	-1.22	0.278	55.8	201.0	-2.1	0.273
		12.25	7.68	19.93	TWO	6.006	151.8	1.5	130.6										
46560.0	48040.0	0.492	18.5	7.3	-0.21	1.294	108.9	0.730	3.276	314.8	554.7	0.884	5.669	-1.19	0.280	57.8	201.2	-2.2	0.263
		10.55	7.58	18.13	TWO	6.006	151.8	1.5	130.4										
46570.0	48040.0	0.430	19.0	7.3	-0.24	1.293	104.7	0.716	3.287	324.4	554.7	0.933	5.640	-1.14	0.282	59.4	201.4	-2.2	0.255
		9.11	7.49	16.60	TWO	6.006	151.8	1.5	130.2										
46580.0	48040.0	0.377	17.7	6.5	-0.28	1.292	100.7	0.705	3.295	334.1	554.7	0.971	5.618	-1.08	0.283	60.6	201.6	-2.2	0.249
		7.95	7.43	15.38	TWO	6.006	151.8	1.5	130.1										
46590.0	48040.0	0.337	14.4	4.7	-0.35	1.291	96.7	0.698	3.300	343.6	554.7	0.998	5.602	-0.99	0.284	61.5	201.7	-2.1	0.245
		7.11	7.39	14.50	TWO	6.006	151.8	1.5	129.9										
46600.0	48040.0	0.313	9.2	1.7	-0.50	1.291	92.8	0.693	3.303	353.1	554.6	1.013	5.592	-0.83	0.285	62.0	201.9	-2.0	0.242
		6.63	7.37	14.00	TWO	6.006	151.8	1.5	129.8										
46610.0	48040.0	0.308	3.3	-2.6	-0.88	1.290	88.9	0.692	3.302	2.6	194.6	1.0160	5.588	-0.43	0.285	62.2	202.0	-1.6	0.241
		6.54	7.36	13.90	TWO	6.006	151.8	1.5	129.7										
46620.0	48040.0	0.333	2.4	-17.4	-4.30	1.290	85.1	0.694	3.298	12.1	194.5	1.0070	5.588	3.00	0.284	62.0	202.3	1.9	0.243
		7.03	7.37	14.40	TWO	6.006	151.8	1.5	129.5										
46630.0	48040.0	0.355	349.1	1.1	1.48	1.290	81.2	0.700	3.290	21.5	194.4	0.9870	5.593	-2.76	0.283	61.6	202.1	-4.0	0.245
		7.48	7.40	14.88	ONE	6.006	151.8	1.5	129.4										
46640.0	48040.0	0.400	348.1	-2.9	0.64	1.290	77.2	0.709	3.279	30.9	194.3	0.9560	5.602	-1.90	0.281	60.8	202.2	-3.0	0.249
		8.44	7.43	15.87	ONE	6.006	151.8	1.5	129.4										
46650.0	48040.0	0.456	348.2	-3.9	0.41	1.291	73.3	0.720	3.264	40.3	194.1	0.9130	5.614	-1.66	0.278	59.8	202.3	-2.7	0.255
		9.69	7.49	17.18	ONE	6.006	151.8	1.5	129.3										
46660.0	48040.0	0.518	349.6	-3.7	0.31	1.291	69.2	0.735	3.246	49.7	193.9	0.8610	5.630	-1.55	0.275	58.5	202.5	-2.6	0.262
		11.17	7.56	18.74	ONE	6.006	151.8	1.5	129.1										
46670.0	48040.0	0.586	352.1	-2.8	0.26	1.292	65.1	0.752	3.224	59.0	193.5	0.8000	5.649	-1.47	0.272	56.8	202.7	-2.4	0.270
		12.86	7.65	20.51	ONE	6.006	151.8	1.5	128.9										
								ARRIVAL DATE = 2448060.0											
46550.0	48060.0	0.573	17.6	6.9	-0.23	1.296	113.9	0.752	3.278	303.6	554.8	0.814	5.742	-1.21	0.280	54.9	202.1	-2.2	0.277
		12.52	7.72	20.24	TWO	6.159	153.4	1.4	131.2										
46560.0	48060.0	0.502	19.6	7.6	-0.25	1.295	109.5	0.734	3.290	313.4	555.0	0.876	5.704	-1.17	0.282	57.0	202.2	-2.2	0.266
		10.78	7.61	18.39	TWO	6.159	153.4	1.4	131.0										
46570.0	48060.0	0.439	20.2	7.7	-0.28	1.294	105.3	0.719	3.301	323.1	555.0	0.927	5.674	-1.11	0.283	58.6	202.4	-2.2	0.258
		9.30	7.52	16.82	TWO	6.159	153.4	1.4	130.9										
46580.0	48060.0	0.384	19.2	7.0	-0.33	1.293	101.2	0.708	3.309	332.8	555.1	0.967	5.651	-1.04	0.285	59.9	202.6	-2.2	0.252
		8.10	7.46	15.56	TWO	6.159	153.4	1.4	130.7										
46590.0	48060.0	0.342	16.2	5.3	-0.41	1.292	97.3	0.700	3.315	342.3	555.0	0.995	5.634	-0.94	0.286	60.7	202.7	-2.1	0.247
		7.21	7.41	14.63	TWO	6.159	153.4	1.4	130.6										
46600.0	48060.0	0.315	11.3	2.4	-0.56	1.291	93.3	0.695	3.318	351.9	555.0	1.012	5.623	-0.77	0.286	61.3	202.8	-2.0	0.244
		6.69	7.39	14.07	TWO	6.159	153.4	1.4	130.5										
46610.0	48060.0	0.308	5.4	-1.9	-0.94	1.291	89.5	0.694	3.317	1.3	195.0	1.0170	5.618	-0.38	0.286	61.5	203.0	-1.6	0.243
		6.54	7.38	13.92	TWO	6.159	153.4	1.4	130.4										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46620.0	48060.0	0.325 6.88	2.4 7.39	-12.4 14.26	-3.09 TWO	1.290 6.159	85.6 153.4	0.695 1.4	3.313 130.2	10.8	194.9	1.009D	5.618	1.79	0.286	61.4	203.2	0.6	0.244
46630.0	48060.0	0.353 7.43	349.4 7.42	4.6 14.84	2.32 ONE	1.291 6.159	81.7 153.4	0.700 1.4	3.306 130.0	20.2	194.8	0.990D	5.622	-3.59	0.284	61.0	203.0	-4.8	0.247
46640.0	48060.0	0.394 8.31	349.2 7.45	-1.7 15.76	0.85 ONE	1.291 6.159	77.8 153.4	0.709 1.4	3.295 130.0	29.7	194.7	0.960D	5.630	-2.11	0.283	60.3	203.2	-3.3	0.250
46650.0	48060.0	0.448 9.52	349.2 7.50	-3.1 17.03	0.53 ONE	1.291 6.159	73.8 153.4	0.720 1.4	3.281 129.9	39.0	194.5	0.919D	5.643	-1.77	0.280	59.3	203.3	-2.9	0.256
46660.0	48060.0	0.510 10.98	350.5 7.57	-3.1 18.55	0.39 ONE	1.292 6.159	69.7 153.4	0.734 1.4	3.264 129.8	48.4	194.2	0.868D	5.659	-1.61	0.277	58.0	203.5	-2.7	0.263
46670.0	48060.0	0.578 12.64	352.9 7.66	-2.4 20.30	0.32 ONE	1.293 6.159	65.6 153.4	0.751 1.4	3.243 129.6	57.7	193.9	0.809D	5.677	-1.52	0.274	56.4	203.7	-2.5	0.271
46680.0	48060.0	0.649 14.47	356.2 7.77	-1.1 22.23	0.27 ONE	1.294 6.159	61.4 153.4	0.770 1.4	3.219 129.3	67.0	193.5	0.741D	5.698	-1.45	0.270	54.5	204.0	-2.4	0.281
ARRIVAL DATE = 2448080.0																			
46550.0	48080.0	0.584 12.80	18.5 7.76	7.3 20.55	-0.27 TWO	1.297 6.235	114.5 155.1	0.756 1.3	3.292 131.7	302.2	555.1	0.805	5.780	-1.20	0.281	54.0	203.2	-2.2	0.280
46560.0	48080.0	0.512 11.02	20.6 7.64	7.9 18.66	-0.29 TWO	1.295 6.235	110.1 155.1	0.737 1.3	3.304 131.6	312.0	555.2	0.868	5.741	-1.15	0.283	56.1	203.3	-2.2	0.269
46570.0	48080.0	0.447 9.50	21.5 7.55	8.1 17.05	-0.32 TWO	1.294 6.235	105.9 155.1	0.722 1.3	3.315 131.5	321.8	555.3	0.921	5.709	-1.09	0.285	57.8	203.4	-2.2	0.261
46580.0	48080.0	0.391 8.25	20.7 7.49	7.4 15.74	-0.37 TWO	1.293 6.235	101.8 155.1	0.710 1.3	3.323 131.4	331.5	555.4	0.962	5.684	-1.01	0.286	59.1	203.6	-2.2	0.254
46590.0	48080.0	0.347 7.32	18.0 7.44	5.8 14.76	-0.46 TWO	1.292 6.235	97.8 155.1	0.702 1.3	3.329 131.2	341.0	555.4	0.992	5.666	-0.90	0.287	60.0	203.7	-2.1	0.250
46600.0	48080.0	0.318 6.75	13.3 7.41	3.0 14.16	-0.61 TWO	1.292 6.235	93.9 155.1	0.697 1.3	3.332 131.1	350.6	555.4	1.010	5.655	-0.72	0.288	60.6	203.8	-2.0	0.247
46610.0	48080.0	0.308 6.55	7.5 7.40	-1.2 13.95	-0.98 TWO	1.291 6.235	90.0 155.1	0.695 1.3	3.332 131.0	0.1	195.3	1.017D	5.648	-0.34	0.288	60.9	203.9	-1.6	0.245
46620.0	48080.0	0.321 6.80	3.6 7.40	-9.8 14.21	-2.57 TWO	1.291 6.235	86.1 155.1	0.696 1.3	3.329 130.9	9.5	195.3	1.011D	5.647	1.28	0.287	60.8	204.1	0.1	0.246
46630.0	48080.0	0.354 7.45	348.6 7.44	10.5 14.89	3.87 ONE	1.291 6.235	82.2 155.1	0.701 1.3	3.322 130.5	19.0	195.2	0.994D	5.651	-5.15	0.286	60.4	204.0	-6.4	0.250
46640.0	48080.0	0.389 8.19	350.2 7.46	-0.3 15.65	1.11 ONE	1.291 6.235	78.3 155.1	0.709 1.3	3.312 130.7	28.4	195.0	0.965D	5.660	-2.36	0.284	59.8	204.2	-3.6	0.252
46650.0	48080.0	0.442 9.36	350.2 7.51	-2.2 16.88	0.66 ONE	1.292 6.235	74.3 155.1	0.719 1.3	3.298 130.6	37.8	194.8	0.925D	5.672	-1.89	0.282	58.8	204.3	-3.0	0.257
46660.0	48080.0	0.503 10.79	351.3 7.58	-2.5 18.38	0.48 ONE	1.293 6.235	70.3 155.1	0.733 1.3	3.281 130.4	47.1	194.6	0.876D	5.687	-1.68	0.279	57.6	204.5	-2.8	0.264
46670.0	48080.0	0.569 12.43	353.7 7.67	-1.9 20.10	0.38 ONE	1.293 6.235	66.2 155.1	0.750 1.3	3.261 130.2	56.4	194.3	0.817D	5.706	-1.56	0.276	56.0	204.7	-2.6	0.272
46680.0	48080.0	0.640 14.23	356.9 7.77	-0.7 22.01	0.33 ONE	1.294 6.235	62.0 155.1	0.768 1.3	3.239 129.9	65.7	193.8	0.750D	5.727	-1.48	0.272	54.1	205.0	-2.5	0.281
ARRIVAL DATE = 2448100.0																			
46550.0	48100.0	0.595 13.08	19.4 7.79	7.6 20.88	-0.30 TWO	1.297 6.232	115.2 156.7	0.760 1.2	3.306 132.2	300.8	555.3	0.795	5.818	-1.19	0.283	53.1	204.3	-2.2	0.283
46560.0	48100.0	0.522 11.27	21.7 7.68	8.3 18.94	-0.32 TWO	1.296 6.232	110.7 156.7	0.741 1.2	3.319 132.2	310.7	555.5	0.860	5.777	-1.13	0.285	55.3	204.4	-2.2	0.272
46570.0	48100.0	0.456 9.70	22.7 7.58	8.5 17.28	-0.36 TWO	1.295 6.232	106.5 156.7	0.725 1.2	3.329 132.1	320.5	555.6	0.914	5.744	-1.07	0.286	57.0	204.5	-2.2	0.264
46580.0	48100.0	0.399 8.41	22.2 7.51	7.9 15.93	-0.41 TWO	1.294 6.232	102.4 156.7	0.713 1.2	3.338 132.0	330.1	555.7	0.958	5.718	-0.98	0.288	58.4	204.6	-2.2	0.257
46590.0	48100.0	0.353 7.44	19.7 7.46	6.4 14.90	-0.50 TWO	1.293 6.232	98.4 156.7	0.704 1.2	3.344 131.9	339.7	555.7	0.989	5.699	-0.87	0.289	59.3	204.7	-2.1	0.252
46600.0	48100.0	0.322 6.81	15.3 7.43	3.7 14.24	-0.66 TWO	1.292 6.232	94.4 156.7	0.699 1.2	3.347 131.8	349.3	555.7	1.009	5.686	-0.68	0.289	60.0	204.8	-2.0	0.249
46610.0	48100.0	0.309 6.57	9.6 7.42	-0.5 13.98	-1.01 TWO	1.292 6.232	90.5 156.7	0.696 1.2	3.348 131.7	358.8	555.7	1.017	5.679	-0.31	0.289	60.3	204.9	-1.6	0.247
46620.0	48100.0	0.319 6.75	5.1 7.42	-7.9 14.17	-2.29 TWO	1.292 6.232	86.6 156.7	0.697 1.2	3.345 131.6	8.2	195.6	1.012D	5.678	0.99	0.289	60.2	205.1	-0.3	0.248
46630.0	48100.0	0.374 7.87	343.7 7.49	23.1 15.36	7.76 ONE	1.292 6.232	82.7 156.7	0.702 1.2	3.339 130.4	17.7	195.5	0.996D	5.681	-9.02	0.288	59.9	205.2	-10.1	0.255
46640.0	48100.0	0.383 8.08	351.1 7.48	1.4 15.55	1.45 ONE	1.292 6.232	78.8 156.7	0.709 1.2	3.329 131.3	27.1	195.4	0.969D	5.689	-2.69	0.286	59.3	205.2	-3.9	0.253

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46650.0	48100.0	0.435	351.1	-1.3	0.81	1.293	74.8	0.719	3.316	36.5	195.2	0.9310	5.701	-2.03	0.284	58.4	205.3	-3.2	0.258
		9.21	7.52	16.73	ONE	6.232	156.7	1.2	131.2										
46660.0	48100.0	0.495	352.2	-1.8	0.57	1.293	70.8	0.732	3.299	45.8	194.9	0.8830	5.716	-1.76	0.281	57.1	205.5	-2.9	0.265
		10.61	7.59	18.20	ONE	6.232	156.7	1.2	131.0										
46670.0	48100.0	0.561	354.5	-1.4	0.45	1.294	66.7	0.748	3.280	55.1	194.6	0.8250	5.735	-1.62	0.278	55.6	205.8	-2.7	0.273
		12.22	7.68	19.89	ONE	6.232	156.7	1.2	130.8										
46680.0	48100.0	0.631	357.6	-0.3	0.38	1.295	62.6	0.767	3.258	64.4	194.2	0.7600	5.756	-1.52	0.274	53.8	206.1	-2.5	0.282
		14.00	7.78	21.78	ONE	6.232	156.7	1.2	130.5										
ARRIVAL DATE = 2448120.0																			
46550.0	48120.0	0.607	20.3	7.9	-0.34	1.298	115.8	0.764	3.321	299.4	555.5	0.785	5.857	-1.18	0.284	52.3	205.5	-2.2	0.287
		13.37	7.83	21.20	TWO	6.150	158.3	1.1	132.7										
46560.0	48120.0	0.532	22.7	8.6	-0.36	1.296	111.4	0.744	3.333	309.3	555.8	0.852	5.814	-1.12	0.286	54.5	205.5	-2.3	0.276
		11.52	7.71	19.23	TWO	6.150	158.3	1.1	132.7										
46570.0	48120.0	0.465	23.9	8.9	-0.39	1.295	107.1	0.729	3.344	319.1	555.9	0.908	5.780	-1.05	0.288	56.3	205.6	-2.3	0.267
		9.91	7.61	17.52	TWO	6.150	158.3	1.1	132.6										
46580.0	48120.0	0.407	23.6	8.4	-0.45	1.294	103.0	0.716	3.352	328.8	556.0	0.952	5.752	-0.96	0.289	57.6	205.7	-2.2	0.259
		8.58	7.54	16.12	TWO	6.150	158.3	1.1	132.6										
46590.0	48120.0	0.359	21.4	6.9	-0.54	1.293	98.9	0.707	3.359	338.4	556.1	0.986	5.732	-0.83	0.290	58.7	205.8	-2.1	0.254
		7.56	7.49	15.05	TWO	6.150	158.3	1.1	132.5										
46600.0	48120.0	0.325	17.2	4.3	-0.70	1.293	94.9	0.701	3.362	348.0	556.1	1.007	5.718	-0.64	0.290	59.3	205.9	-2.0	0.251
		6.89	7.45	14.34	TWO	6.150	158.3	1.1	132.4										
46610.0	48120.0	0.310	11.6	0.3	-1.04	1.292	91.0	0.698	3.363	357.5	556.0	1.016	5.710	-0.28	0.291	59.6	206.0	-1.6	0.249
		6.59	7.44	14.02	TWO	6.150	158.3	1.1	132.3										
46620.0	48120.0	0.317	6.7	-6.5	-2.10	1.292	87.1	0.698	3.361	7.0	196.0	1.0140	5.708	0.82	0.290	59.7	206.1	-0.5	0.249
		6.71	7.44	14.15	TWO	6.150	158.3	1.1	132.2										
46640.0	48120.0	0.379	352.0	3.4	1.89	1.293	79.3	0.709	3.346	25.8	195.7	0.9730	5.718	-3.12	0.288	58.8	206.2	-4.4	0.255
		7.97	7.49	15.46	ONE	6.150	158.3	1.1	131.9										
46650.0	48120.0	0.428	352.1	-0.3	0.98	1.293	75.4	0.719	3.333	35.2	195.6	0.9370	5.730	-2.19	0.286	57.9	206.4	-3.4	0.259
		9.06	7.54	16.60	ONE	6.150	158.3	1.1	131.8										
46660.0	48120.0	0.487	353.1	-1.1	0.68	1.294	71.4	0.732	3.317	44.5	195.3	0.8900	5.745	-1.85	0.283	56.7	206.5	-3.0	0.265
		10.43	7.60	18.03	ONE	6.150	158.3	1.1	131.6										
46670.0	48120.0	0.552	355.3	-0.8	0.53	1.295	67.3	0.747	3.298	53.8	194.9	0.8330	5.764	-1.67	0.280	55.3	206.8	-2.8	0.273
		12.01	7.68	19.69	ONE	6.150	158.3	1.1	131.4										
46680.0	48120.0	0.622	358.3	0.2	0.44	1.296	63.1	0.765	3.277	63.1	194.5	0.7690	5.785	-1.55	0.277	53.5	207.1	-2.6	0.282
		13.77	7.78	21.55	ONE	6.150	158.3	1.1	131.1										
ARRIVAL DATE = 2448140.0																			
46550.0	48140.0	0.618	21.2	8.2	-0.37	1.298	116.5	0.768	3.335	297.9	555.7	0.775	5.896	-1.17	0.285	51.4	206.7	-2.3	0.290
		13.67	7.87	21.54	TWO	5.991	160.0	1.1	133.2										
46560.0	48140.0	0.543	23.7	9.0	-0.39	1.297	112.0	0.748	3.347	307.9	556.0	0.843	5.852	-1.11	0.287	53.7	206.7	-2.3	0.279
		11.78	7.74	19.52	TWO	5.991	160.0	1.1	133.2										
46570.0	48140.0	0.475	25.1	9.2	-0.43	1.296	107.7	0.732	3.358	317.7	556.2	0.901	5.815	-1.03	0.289	55.5	206.7	-2.3	0.269
		10.13	7.64	17.77	TWO	5.991	160.0	1.1	133.2										
46580.0	48140.0	0.415	25.0	8.8	-0.49	1.295	103.5	0.719	3.367	327.5	556.3	0.947	5.787	-0.93	0.290	56.9	206.8	-2.2	0.262
		8.76	7.57	16.32	TWO	5.991	160.0	1.1	133.1										
46590.0	48140.0	0.365	23.1	7.5	-0.58	1.294	99.5	0.709	3.374	337.1	556.4	0.982	5.765	-0.81	0.291	58.0	206.8	-2.2	0.257
		7.69	7.51	15.20	TWO	5.991	160.0	1.1	133.0										
46600.0	48140.0	0.330	19.1	5.0	-0.74	1.293	95.5	0.703	3.378	346.7	556.4	1.005	5.750	-0.61	0.292	58.7	206.9	-2.0	0.253
		6.97	7.47	14.44	TWO	5.991	160.0	1.1	133.0										
46610.0	48140.0	0.312	13.7	1.1	-1.06	1.293	91.6	0.699	3.379	356.2	556.4	1.016	5.742	-0.26	0.292	59.1	207.0	-1.7	0.251
		6.62	7.45	14.07	TWO	5.991	160.0	1.1	132.9										
46620.0	48140.0	0.315	8.5	-5.2	-1.98	1.293	87.7	0.700	3.377	5.7	196.3	1.0150	5.739	0.69	0.292	59.1	207.2	-0.7	0.251
		6.68	7.45	14.14	TWO	5.991	160.0	1.1	132.8										
46630.0	48140.0	0.487	25.7	-51.0	-18.15	1.293	83.8	0.703	3.371	15.1	196.2	1.0020	5.741	16.89	0.291	58.9	209.6	14.0	0.270
		10.42	7.65	18.08	TWO	5.991	160.0	1.1	129.3										
46640.0	48140.0	0.375	352.5	6.0	2.49	1.293	79.9	0.709	3.363	24.5	196.1	0.9770	5.748	-3.72	0.290	58.3	207.2	-5.0	0.256
		7.89	7.51	15.40	ONE	5.991	160.0	1.1	132.4										
46650.0	48140.0	0.422	353.1	0.9	1.18	1.294	75.9	0.719	3.351	33.9	195.9	0.9420	5.759	-2.38	0.288	57.5	207.4	-3.6	0.260
		8.91	7.55	16.46	ONE	5.991	160.0	1.1	132.4										
46660.0	48140.0	0.480	354.0	-0.4	0.79	1.295	71.9	0.731	3.335	43.2	195.6	0.8960	5.774	-1.95	0.285	56.3	207.6	-3.2	0.266
		10.25	7.61	17.86	ONE	5.991	160.0	1.1	132.2										
46670.0	48140.0	0.544	356.1	-0.3	0.60	1.295	67.8	0.746	3.317	52.5	195.3	0.8410	5.793	-1.73	0.282	54.9	207.9	-2.9	0.274
		11.80	7.69	19.49	ONE	5.991	160.0	1.1	132.0										
46680.0	48140.0	0.613	359.0	0.6	0.50	1.296	63.7	0.764	3.296	61.8	194.9	0.7780	5.814	-1.60	0.279	53.2	208.2	-2.7	0.283
		13.54	7.79	21.33	ONE	5.991	160.0	1.1	131.6										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2448160.0											
46550.0	48160.0	0.630	22.1	8.5	-0.41	1.299	117.2	0.772	3.350	296.5	555.9	0.764	5.935	-1.17	0.287	50.6	207.9	-2.3	0.294
		13.97	7.91	21.88	TWO	5.767	161.6	1.0	133.6										
46560.0	48160.0	0.554	24.7	9.3	-0.43	1.297	112.7	0.752	3.362	306.5	556.3	0.834	5.890	-1.09	0.289	52.9	207.8	-2.3	0.282
		12.04	7.78	19.82	TWO	5.767	161.6	1.0	133.7										
46570.0	48160.0	0.484	26.3	9.6	-0.46	1.296	108.3	0.735	3.373	316.4	556.5	0.893	5.852	-1.01	0.290	54.8	207.8	-2.3	0.272
		10.36	7.67	18.03	TWO	5.767	161.6	1.0	133.7										
46580.0	48160.0	0.423	26.4	9.3	-0.52	1.295	104.1	0.722	3.382	326.1	556.6	0.942	5.822	-0.91	0.292	56.2	207.9	-2.3	0.265
		8.94	7.59	16.53	TWO	5.767	161.6	1.0	133.6										
46590.0	48160.0	0.372	24.7	8.0	-0.61	1.294	100.0	0.711	3.388	335.8	556.7	0.978	5.799	-0.78	0.293	57.3	207.9	-2.2	0.259
		7.83	7.53	15.36	TWO	5.767	161.6	1.0	133.6										
46600.0	48160.0	0.334	21.1	5.7	-0.77	1.294	96.0	0.705	3.393	345.4	556.7	1.002	5.783	-0.58	0.293	58.1	208.0	-2.0	0.255
		7.05	7.49	14.55	TWO	5.767	161.6	1.0	133.5										
46610.0	48160.0	0.314	15.7	1.9	-1.08	1.293	92.1	0.701	3.394	354.9	556.7	1.015	5.773	-0.24	0.293	58.5	208.1	-1.7	0.253
		6.65	7.47	14.13	TWO	5.767	161.6	1.0	133.4										
46620.0	48160.0	0.314	10.4	-4.0	-1.89	1.293	88.2	0.701	3.393	4.4	196.7	1.015D	5.770	0.60	0.293	58.6	208.2	-0.9	0.253
		6.66	7.47	14.13	TWO	5.767	161.6	1.0	133.3										
46630.0	48160.0	0.369	13.7	-27.3	-8.32	1.293	84.3	0.704	3.388	13.8	196.6	1.004D	5.771	7.07	0.292	58.4	208.9	5.4	0.257
		7.77	7.51	15.28	TWO	5.767	161.6	1.0	132.6										
46640.0	48160.0	0.372	352.7	9.6	3.39	1.294	80.4	0.710	3.379	23.2	196.4	0.981D	5.778	-4.60	0.291	57.8	208.3	-5.9	0.258
		7.84	7.52	15.36	ONE	5.767	161.6	1.0	132.9										
46650.0	48160.0	0.415	354.0	2.1	1.42	1.294	76.4	0.719	3.368	32.6	196.2	0.947D	5.789	-2.61	0.289	57.0	208.5	-3.9	0.262
		8.78	7.56	16.34	ONE	5.767	161.6	1.0	132.9										
46660.0	48160.0	0.472	354.9	0.4	0.92	1.295	72.4	0.731	3.353	41.9	196.0	0.903D	5.804	-2.07	0.287	55.9	208.7	-3.3	0.267
		10.07	7.62	17.69	ONE	5.767	161.6	1.0	132.8										
46670.0	48160.0	0.536	356.9	0.3	0.69	1.296	68.4	0.745	3.335	51.2	195.6	0.849D	5.822	-1.80	0.284	54.6	208.9	-3.0	0.275
		11.60	7.70	19.30	ONE	5.767	161.6	1.0	132.5										
46680.0	48160.0	0.605	359.8	1.1	0.56	1.297	64.3	0.763	3.315	60.5	195.2	0.787D	5.843	-1.64	0.281	52.9	209.3	-2.8	0.283
		13.32	7.79	21.11	ONE	5.767	161.6	1.0	132.2										
								ARRIVAL DATE = 2448180.0											
46550.0	48180.0	0.642	23.0	8.8	-0.44	1.299	117.9	0.776	3.364	295.0	556.1	0.753	5.975	-1.16	0.288	49.8	209.1	-2.4	0.297
		14.28	7.95	22.23	TWO	5.491	163.2	0.9	134.0										
46560.0	48180.0	0.565	25.7	9.6	-0.46	1.298	113.3	0.756	3.376	305.1	556.5	0.825	5.928	-1.08	0.290	52.1	209.0	-2.4	0.285
		12.31	7.81	20.12	TWO	5.491	163.2	0.9	134.1										
46570.0	48180.0	0.494	27.4	10.0	-0.50	1.297	108.9	0.738	3.387	315.0	556.7	0.886	5.888	-1.00	0.291	54.0	209.0	-2.3	0.275
		10.59	7.70	18.29	TWO	5.491	163.2	0.9	134.1										
46580.0	48180.0	0.431	27.8	9.7	-0.55	1.296	104.7	0.725	3.396	324.8	556.9	0.936	5.857	-0.89	0.293	55.5	209.0	-2.3	0.267
		9.13	7.62	16.75	TWO	5.491	163.2	0.9	134.1										
46590.0	48180.0	0.378	26.4	8.6	-0.65	1.295	100.6	0.714	3.403	334.4	557.0	0.974	5.833	-0.75	0.294	56.7	209.0	-2.2	0.261
		7.97	7.56	15.53	TWO	5.491	163.2	0.9	134.1										
46600.0	48180.0	0.339	22.9	6.3	-0.80	1.294	96.6	0.707	3.408	344.0	557.0	1.000	5.816	-0.56	0.295	57.5	209.1	-2.0	0.257
		7.15	7.52	14.66	TWO	5.491	163.2	0.9	134.0										
46610.0	48180.0	0.316	17.8	2.7	-1.10	1.294	92.6	0.703	3.410	353.6	557.0	1.014	5.805	-0.22	0.295	57.9	209.2	-1.7	0.255
		6.70	7.49	14.19	TWO	5.491	163.2	0.9	134.0										
46620.0	48180.0	0.313	12.3	-2.9	-1.82	1.294	88.7	0.702	3.408	3.1	197.0	1.016D	5.801	0.53	0.295	58.0	209.3	-1.0	0.254
		6.65	7.49	14.14	TWO	5.491	163.2	0.9	133.9										
46630.0	48180.0	0.346	11.9	-18.6	-5.71	1.294	84.8	0.704	3.404	12.5	196.9	1.006D	5.802	4.46	0.294	57.9	209.7	2.8	0.257
		7.30	7.51	14.81	TWO	5.491	163.2	0.9	133.5										
46640.0	48180.0	0.373	351.9	14.8	4.83	1.294	80.9	0.710	3.396	22.0	196.8	0.985D	5.808	-6.04	0.293	57.4	209.4	-7.2	0.260
		7.87	7.55	15.41	ONE	5.491	163.2	0.9	133.2										
46650.0	48180.0	0.409	354.9	3.6	1.71	1.295	77.0	0.719	3.385	31.3	196.6	0.952D	5.818	-2.89	0.291	56.6	209.6	-4.2	0.263
		8.64	7.57	16.22	ONE	5.491	163.2	0.9	133.4										
46660.0	48180.0	0.465	355.8	1.3	1.06	1.296	73.0	0.730	3.371	40.6	196.3	0.909D	5.833	-2.19	0.289	55.6	209.8	-3.5	0.268
		9.90	7.63	17.53	ONE	5.491	163.2	0.9	133.3										
46670.0	48180.0	0.528	357.7	0.9	0.78	1.297	68.9	0.745	3.354	49.9	196.0	0.857D	5.851	-1.88	0.286	54.2	210.0	-3.1	0.275
		11.40	7.71	19.11	ONE	5.491	163.2	0.9	133.0										
46680.0	48180.0	0.596	0.5	1.6	0.63	1.298	64.8	0.761	3.334	59.2	195.5	0.795D	5.872	-1.69	0.283	52.6	210.4	-2.9	0.284
		13.09	7.80	20.89	ONE	5.491	163.2	0.9	132.7										
								ARRIVAL DATE = 2448200.0											
46560.0	48200.0	0.576	26.7	9.9	-0.49	1.298	114.0	0.760	3.391	303.7	556.7	0.816	5.966	-1.07	0.291	51.3	210.2	-2.4	0.288
		12.59	7.85	20.44	TWO	5.185	164.8	0.8	134.5										
46570.0	48200.0	0.504	28.5	10.3	-0.53	1.297	109.6	0.742	3.402	313.6	557.0	0.878	5.926	-0.98	0.293	53.3	210.1	-2.4	0.278
		10.82	7.74	18.56	TWO	5.185	164.8	0.8	134.6										

1986
EARTH-JUPITER

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
46580.0	48200.0	0.440	29.1	10.1	-0.58	1.296	105.3	0.727	3.411	323.4	557.1	0.930	5.893	-0.87	0.294	54.9	210.1	-2.3	0.270
		9.32	7.65	16.97	TWO	5.185	164.8	0.8	134.6										
46590.0	48200.0	0.385	27.9	9.1	-0.68	1.295	101.2	0.716	3.418	333.1	557.3	0.969	5.867	-0.73	0.295	56.0	210.2	-2.2	0.264
		8.12	7.58	15.70	TWO	5.185	164.8	0.8	134.6										
46600.0	48200.0	0.344	24.8	7.0	-0.83	1.295	97.2	0.709	3.423	342.7	557.3	0.997	5.849	-0.53	0.296	56.9	210.2	-2.1	0.259
		7.25	7.54	14.79	TWO	5.185	164.8	0.8	134.5										
46610.0	48200.0	0.318	19.8	3.5	-1.11	1.294	93.2	0.704	3.425	352.3	557.3	1.013	5.838	-0.21	0.296	57.4	210.3	-1.8	0.257
		6.74	7.51	14.26	TWO	5.185	164.8	0.8	134.5										
46620.0	48200.0	0.313	14.3	-1.8	-1.76	1.294	89.3	0.703	3.424	1.8	197.3	1.016D	5.832	0.48	0.296	57.5	210.4	-1.1	0.256
		6.64	7.50	14.15	TWO	5.185	164.8	0.8	134.4										
46630.0	48200.0	0.337	12.1	-13.9	-4.50	1.294	85.4	0.705	3.420	11.2	197.2	1.008D	5.832	3.26	0.296	57.4	210.7	1.6	0.258
		7.11	7.52	14.63	TWO	5.185	164.8	0.8	134.2										
46640.0	48200.0	0.386	348.9	23.5	7.55	1.295	81.4	0.710	3.413	20.7	197.1	0.988D	5.838	-8.76	0.294	57.0	210.6	-9.8	0.264
		8.13	7.59	15.72	ONE	5.185	164.8	0.8	133.2										
46650.0	48200.0	0.404	355.8	5.3	2.07	1.295	77.5	0.719	3.403	30.0	196.9	0.957D	5.848	-3.24	0.293	56.2	210.7	-4.6	0.264
		8.52	7.58	16.10	ONE	5.185	164.8	0.8	133.9										
46660.0	48200.0	0.458	356.8	2.2	1.22	1.296	73.5	0.730	3.389	39.4	196.6	0.916D	5.862	-2.34	0.291	55.2	210.9	-3.7	0.269
		9.73	7.64	17.37	ONE	5.185	164.8	0.8	133.8										
46670.0	48200.0	0.520	358.5	1.6	0.88	1.297	69.5	0.744	3.372	48.6	196.3	0.864D	5.880	-1.96	0.288	53.9	211.1	-3.2	0.276
		11.20	7.71	18.92	ONE	5.185	164.8	0.8	133.6										
46680.0	48200.0	0.587	1.2	2.1	0.70	1.298	65.4	0.760	3.353	57.9	195.8	0.804D	5.901	-1.74	0.285	52.3	211.5	-3.0	0.284
		12.87	7.80	20.68	ONE	5.185	164.8	0.8	133.2										

EARTH - SATURN TRAJECTORY DATA

FOR THE YEARS 1976 - 1986

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2443600.0											
43060.0	43600.0	0.648	133.5	22.6	2.00	1.615	100.1	1.589	-1.654	343.5	477.2	0.974	NA	-3.41	0.906	169.1	146.8	14.6	0.890
		14.43	19.68	34.10	ONE	8.514	337.0	-11.0	10.5										
43070.0	43600.0	0.625	129.1	23.3	1.74	1.622	94.6	1.617	-1.605	352.5	476.4	0.991	NA	-3.00	0.916	169.0	147.1	14.6	0.899
		13.83	19.91	33.75	ONE	8.514	337.0	-11.0	10.3										
43080.0	43600.0	0.625	123.3	24.2	1.58	1.629	88.7	1.635	-1.565	2.1	116.0	0.9930	NA	-2.67	0.925	169.1	147.3	14.6	0.907
		13.84	20.13	33.97	ONE	8.514	337.0	-11.0	10.1										
								ARRIVAL DATE = 2443650.0											
43050.0	43650.0	0.625	133.7	24.1	2.66	1.557	103.6	1.409	-2.335	336.9	482.2	0.955	NA	-4.17	0.803	168.2	146.6	14.4	0.789
		13.84	17.15	30.98	ONE	9.281	338.7	-10.3	12.5										
43060.0	43650.0	0.588	130.5	24.1	2.16	1.564	98.5	1.435	-2.254	345.6	481.1	0.980	NA	-3.52	0.813	168.1	147.0	14.4	0.797
		12.91	17.35	30.26	ONE	9.281	338.7	-10.3	12.1										
43070.0	43650.0	0.569	125.4	24.7	1.86	1.570	93.1	1.454	-2.189	354.8	480.4	0.994	NA	-3.06	0.821	168.1	147.3	14.4	0.805
		12.43	17.53	29.96	ONE	9.281	338.7	-10.3	11.9										
43080.0	43650.0	0.575	119.0	25.5	1.68	1.575	87.3	1.464	-2.139	4.5	120.2	0.9910	NA	-2.71	0.827	168.2	147.4	14.5	0.811
		12.57	17.69	30.26	ONE	9.281	338.7	-10.3	11.7										
43090.0	43650.0	0.609	112.4	25.9	1.57	1.579	81.2	1.462	-2.101	14.8	120.5	0.9710	NA	-2.40	0.832	168.4	147.4	14.5	0.817
		13.43	17.84	31.27	ONE	9.281	338.7	-10.3	11.8										
								ARRIVAL DATE = 2443700.0											
43040.0	43700.0	0.623	133.6	27.2	4.01	1.512	106.7	1.276	-3.375	330.3	487.2	0.931	NA	-5.62	0.716	167.3	146.2	14.2	0.705
		13.78	15.11	28.89	ONE	10.000	340.3	-9.6	14.6										
43050.0	43700.0	0.575	131.5	25.8	2.90	1.519	102.0	1.298	-3.227	338.7	485.9	0.963	NA	-4.37	0.725	167.2	146.7	14.3	0.713
		12.58	15.29	27.88	ONE	10.000	340.3	-9.6	14.1										
43060.0	43700.0	0.542	127.6	25.7	2.32	1.524	97.1	1.317	-3.112	347.6	484.9	0.986	NA	-3.63	0.733	167.1	147.1	14.3	0.720
		11.75	15.45	27.20	ONE	10.000	340.3	-9.6	13.7										
43070.0	43700.0	0.527	121.8	26.1	1.98	1.529	91.8	1.329	-3.024	356.9	484.3	0.995	NA	-3.13	0.740	167.1	147.4	14.3	0.725
		11.39	15.59	26.98	ONE	10.000	340.3	-9.6	13.5										
43080.0	43700.0	0.538	114.8	26.6	1.77	1.533	86.1	1.334	-2.959	6.8	124.2	0.9890	NA	-2.75	0.744	167.3	147.5	14.4	0.730
		11.66	15.71	27.37	ONE	10.000	340.3	-9.6	13.4										
43090.0	43700.0	0.577	108.2	26.8	1.65	1.537	80.2	1.331	-2.914	17.2	124.6	0.9650	NA	-2.43	0.748	167.5	147.4	14.5	0.735
		12.62	15.82	28.44	ONE	10.000	340.3	-9.6	13.5										
43100.0	43700.0	0.643	103.2	26.6	1.58	1.539	73.9	1.320	-2.884	28.3	125.6	0.9210	NA	-2.14	0.750	167.8	147.2	14.6	0.739
		14.30	15.92	30.21	ONE	10.000	340.3	-9.6	13.7										
								ARRIVAL DATE = 2443750.0											
43030.0	43750.0	0.647	135.0	35.5	8.11	1.477	109.7	1.176	-5.121	323.7	492.1	0.902	NA	-9.82	0.641	166.4	145.2	13.4	0.635
		14.40	13.47	27.86	ONE	10.276	341.9	-8.8	17.0										
43040.0	43750.0	0.582	132.2	29.3	4.49	1.483	105.3	1.195	-4.821	331.9	490.6	0.940	NA	-6.06	0.651	166.2	146.2	14.0	0.642
		12.75	13.62	26.37	ONE	10.276	341.9	-8.8	16.2										
43050.0	43750.0	0.536	129.3	27.5	3.16	1.488	100.7	1.211	-4.588	340.5	489.4	0.970	NA	-4.59	0.659	166.1	146.8	14.1	0.648
		11.61	13.76	25.37	ONE	10.276	341.9	-8.8	15.7										
43060.0	43750.0	0.505	124.6	27.2	2.49	1.493	95.8	1.224	-4.413	349.5	488.5	0.990	NA	-3.76	0.665	166.1	147.2	14.2	0.653
		10.86	13.89	24.75	ONE	10.276	341.9	-8.8	15.4										
43070.0	43750.0	0.495	118.2	27.4	2.10	1.497	90.6	1.232	-4.285	358.9	488.1	0.996	NA	-3.21	0.670	166.1	147.4	14.2	0.658
		10.62	13.99	24.61	ONE	10.276	341.9	-8.8	15.2										
43080.0	43750.0	0.511	110.9	27.6	1.87	1.501	85.1	1.235	-4.197	8.9	128.1	0.9870	NA	-2.79	0.674	166.2	147.5	14.3	0.662
		10.99	14.08	25.08	ONE	10.276	341.9	-8.8	15.2										
43090.0	43750.0	0.554	104.4	27.4	1.73	1.503	79.3	1.232	-4.143	19.4	128.6	0.9600	NA	-2.45	0.676	166.5	147.4	14.4	0.665
		12.04	14.16	26.21	ONE	10.276	341.9	-8.8	15.3										
43100.0	43750.0	0.622	99.8	27.0	1.65	1.505	73.1	1.222	-4.116	30.6	129.7	0.9130	NA	-2.14	0.677	166.9	147.2	14.6	0.668
		13.76	14.24	28.00	ONE	10.276	341.9	-8.8	15.6										
								ARRIVAL DATE = 2443800.0											
43030.0	43800.0	0.622	135.7	40.2	9.86	1.454	108.4	1.116	-7.848	325.1	495.2	0.912	NA	-11.54	0.586	165.2	145.0	12.8	0.581
		13.77	12.26	26.04	ONE	9.968	343.5	-8.1	18.9										
43040.0	43800.0	0.550	130.9	31.7	5.04	1.459	104.1	1.130	-7.290	333.4	493.8	0.948	NA	-6.58	0.594	165.1	146.1	13.7	0.586
		11.95	12.38	24.33	ONE	9.968	343.5	-8.1	18.0										
43050.0	43800.0	0.505	127.2	29.3	3.45	1.464	99.6	1.142	-6.875	342.1	492.7	0.976	NA	-4.84	0.601	165.0	146.8	13.9	0.591
		10.84	12.49	23.33	ONE	9.968	343.5	-8.1	17.5										
43060.0	43800.0	0.477	121.8	28.6	2.67	1.468	94.7	1.151	-6.575	351.2	492.0	0.993	NA	-3.90	0.606	164.9	147.2	14.0	0.596
		10.18	12.59	22.77	ONE	9.968	343.5	-8.1	17.1										
43070.0	43800.0	0.471	114.8	28.6	2.23	1.471	89.6	1.156	-6.369	0.7	131.7	0.9960	NA	-3.30	0.610	165.0	147.4	14.1	0.599
		10.04	12.67	22.71	ONE	9.968	343.5	-8.1	17.0										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43080.0	43800.0	0.490	107.4	28.4	1.97	1.474	84.2	1.158	-6.239	10.8	131.8	0.984D	NA	-2.84	0.613	165.2	147.4	14.3	0.603
		10.51	12.74	23.24	ONE	9.968	343.5	-8.1	17.0										
43090.0	43800.0	0.537	101.1	27.9	1.81	1.477	78.5	1.155	-6.175	21.4	132.4	0.954D	NA	-2.48	0.614	165.4	147.3	14.4	0.605
		11.63	12.80	24.43	ONE	9.968	343.5	-8.1	17.1										
43100.0	43800.0	0.607	96.9	27.3	1.72	1.478	72.5	1.147	-6.163	32.7	133.6	0.905D	NA	-2.16	0.615	165.9	147.0	14.6	0.608
		13.38	12.85	26.24	ONE	9.968	343.5	-8.1	17.5										
ARRIVAL DATE = 2443850.0																			
43030.0	43850.0	0.613	138.1	46.1	12.33	1.435	107.4	1.067	-13.701	326.4	498.2	0.920	NA	-13.99	0.537	164.0	144.4	12.1	0.535
		13.53	11.26	24.79	ONE	9.226	345.1	-7.3	21.0										
43040.0	43850.0	0.525	129.9	34.3	5.70	1.439	103.1	1.077	-12.354	334.7	496.9	0.955	NA	-7.21	0.544	163.8	146.0	13.4	0.538
		11.34	11.33	22.67	ONE	9.226	345.1	-7.3	19.8										
43050.0	43850.0	0.480	125.3	31.1	3.77	1.444	98.6	1.086	-11.423	343.5	495.9	0.980	NA	-5.12	0.550	163.8	146.7	13.8	0.542
		10.25	11.42	21.67	ONE	9.226	345.1	-7.3	19.3										
43060.0	43850.0	0.454	119.2	30.1	2.87	1.447	93.8	1.092	-10.789	352.7	495.3	0.995	NA	-4.06	0.555	163.8	147.1	14.0	0.546
		9.66	11.50	21.16	ONE	9.226	345.1	-7.3	19.0										
43070.0	43850.0	0.452	111.7	29.7	2.37	1.451	88.8	1.096	-10.383	2.4	135.0	0.996D	NA	-3.39	0.558	163.8	147.3	14.1	0.549
		9.60	11.56	21.16	ONE	9.226	345.1	-7.3	18.8										
43080.0	43850.0	0.475	104.2	29.1	2.07	1.453	83.5	1.097	-10.160	12.5	135.2	0.981D	NA	-2.90	0.560	164.0	147.3	14.2	0.551
		10.14	11.62	21.76	ONE	9.226	345.1	-7.3	18.8										
43090.0	43850.0	0.524	98.2	28.4	1.89	1.455	77.9	1.094	-10.088	23.2	135.9	0.949D	NA	-2.51	0.561	164.3	147.2	14.4	0.554
		11.32	11.66	22.98	ONE	9.226	345.1	-7.3	19.0										
43100.0	43850.0	0.596	94.5	27.5	1.79	1.457	72.0	1.089	-10.144	34.5	137.2	0.898D	NA	-2.17	0.560	164.7	146.8	14.7	0.556
		13.10	11.71	24.80	ONE	9.226	345.1	-7.3	19.4										
ARRIVAL DATE = 2443900.0																			
43030.0	43900.0	0.626	143.8	53.9	16.09	1.419	106.5	1.027	-34.625	327.5	501.0	0.927	NA	-17.72	0.494	162.6	143.5	11.0	0.495
		13.86	10.44	24.30	ONE	8.509	346.7	-6.5	23.3										
43040.0	43900.0	0.506	129.2	37.3	6.50	1.423	102.2	1.034	-28.209	335.9	499.8	0.960	NA	-7.97	0.500	162.5	145.7	13.1	0.496
		10.88	10.46	21.34	ONE	8.509	346.7	-6.5	21.8										
43050.0	43900.0	0.460	123.6	33.0	4.13	1.427	97.8	1.040	-24.513	344.8	498.9	0.984	NA	-5.44	0.506	162.5	146.5	13.7	0.499
		9.79	10.53	20.31	ONE	8.509	346.7	-6.5	21.2										
43060.0	43900.0	0.437	116.8	31.5	3.08	1.431	93.0	1.045	-22.310	354.1	498.4	0.996	NA	-4.23	0.510	162.5	146.9	13.9	0.502
		9.25	10.59	19.84	ONE	8.509	346.7	-6.5	20.9										
43070.0	43900.0	0.437	108.9	30.7	2.52	1.434	88.1	1.047	-21.056	3.8	138.2	0.995D	NA	-3.49	0.512	162.6	147.1	14.0	0.505
		9.26	10.64	19.90	ONE	8.509	346.7	-6.5	20.7										
43080.0	43900.0	0.464	101.4	29.8	2.18	1.436	82.8	1.048	-20.489	14.0	138.5	0.978D	NA	-2.96	0.513	162.8	147.1	14.2	0.507
		9.87	10.68	20.55	ONE	8.509	346.7	-6.5	20.8										
43090.0	43900.0	0.515	95.7	28.7	1.97	1.438	77.3	1.046	-20.475	24.8	139.2	0.944D	NA	-2.54	0.514	163.1	146.9	14.5	0.508
		11.09	10.71	21.81	ONE	8.509	346.7	-6.5	21.0										
43100.0	43900.0	0.587	92.4	27.7	1.86	1.439	71.6	1.043	-20.948	36.1	140.5	0.892D	NA	-2.19	0.512	163.6	146.6	14.7	0.510
		12.88	10.75	23.63	ONE	8.509	346.7	-6.5	21.4										
ARRIVAL DATE = 2443950.0																			
43010.0	43950.0	0.642	118.8	6.1	-7.18	1.398	113.9	0.982	47.453	311.7	506.7	0.844	94.063A	5.27	0.440	161.6	145.0	17.8	0.445
		14.28	9.45	23.73	TWO	8.366	348.3	-5.8	25.7										
43040.0	43950.0	0.493	129.0	40.8	7.48	1.410	101.5	0.998	592.848	337.0	502.6	0.965	********A	-8.92	0.461	161.2	145.3	12.8	0.459
		10.58	9.72	20.29	ONE	8.366	348.3	-5.8	23.8										
43050.0	43950.0	0.444	122.1	35.0	4.53	1.414	97.1	1.003	*******	345.9	501.8	0.987	NA	-5.81	0.466	161.1	146.2	13.5	0.461
		9.43	9.77	19.20	ONE	8.366	348.3	-5.8	23.2										
43060.0	43950.0	0.423	114.7	32.8	3.31	1.417	92.4	1.006	*******	355.3	501.3	0.997	NA	-4.42	0.469	161.1	146.6	13.8	0.464
		8.94	9.82	18.75	ONE	8.366	348.3	-5.8	22.8										
43070.0	43950.0	0.426	106.5	31.6	2.67	1.420	87.5	1.008	*******	5.1	141.2	0.994D	NA	-3.60	0.472	161.3	146.8	14.0	0.466
		9.01	9.86	18.86	ONE	8.366	348.3	-5.8	22.7										
43080.0	43950.0	0.455	99.0	30.3	2.29	1.422	82.3	1.008	*******	15.3	141.6	0.976D	NA	-3.02	0.472	161.5	146.8	14.3	0.467
		9.67	9.89	19.55	ONE	8.366	348.3	-5.8	22.8										
43090.0	43950.0	0.508	93.6	29.0	2.06	1.424	76.9	1.008	*******	26.1	142.3	0.960D	NA	-2.58	0.472	161.8	146.6	14.5	0.469
		10.91	9.92	20.83	ONE	8.366	348.3	-5.8	23.1										
43100.0	43950.0	0.580	90.8	27.9	1.92	1.425	71.3	1.006	*******	37.4	143.6	0.887D	NA	-2.20	0.470	162.3	146.2	14.8	0.470
		12.70	9.95	22.65	ONE	8.366	348.3	-5.8	23.5										
ARRIVAL DATE = 2444000.0																			
43010.0	44000.0	0.623	118.4	7.0	-6.62	1.388	113.3	0.958	20.471	312.3	509.0	0.850	40.092A	4.73	0.407	160.1	144.6	17.8	0.413
		13.79	8.86	22.65	TWO	8.911	349.9	-5.0	27.8										
43020.0	44000.0	0.631	119.1	-13.3	-15.33	1.392	109.4	0.962	23.550	320.4	507.6	0.896	46.204A	13.61	0.414	160.0	146.3	20.4	0.420
		14.01	8.99	22.99	TWO	8.911	349.9	-5.0	27.7										

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EARTH-SATURN

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 COAST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43040.0	44000.0	0.487 10.42	129.3 9.10	44.8 19.51	8.72 ONE	1.400 8.911	100.9 349.9	0.969 -5.0	31.018 26.0	337.9	505.2	0.968	61.069A	-10.12	0.427	159.7	144.7	12.4	0.426
43050.0	44000.0	0.433 9.16	120.8 9.13	37.1 18.29	5.00 ONE	1.403 8.911	96.5 349.9	0.972 -5.0	34.964 25.2	346.9	504.5	0.989	68.939A	-6.23	0.431	159.7	145.8	13.4	0.428
43060.0	44000.0	0.412 8.69	112.8 9.16	34.2 17.86	3.57 ONE	1.406 8.911	91.8 349.9	0.974 -5.0	38.396 24.9	356.3	504.1	0.998	75.794A	-4.63	0.434	159.7	146.3	13.8	0.430
43070.0	44000.0	0.417 8.81	104.4 9.20	32.4 18.00	2.83 ONE	1.408 8.911	87.0 349.9	0.976 -5.0	40.645 24.8	6.1	144.1	0.993D	80.296A	-3.72	0.435	159.8	146.5	14.0	0.431
43080.0	44000.0	0.448 9.50	97.0 9.22	30.8 18.73	2.41 ONE	1.410 8.911	81.9 349.9	0.976 -5.0	41.198 24.9	16.4	144.4	0.973D	81.423A	-3.09	0.436	160.1	146.4	14.3	0.433
43090.0	44000.0	0.502 10.77	91.9 9.25	29.3 20.02	2.15 ONE	1.412 8.911	76.6 349.9	0.977 -5.0	40.001 25.2	27.2	145.2	0.937D	79.064A	-2.62	0.435	160.4	146.2	14.6	0.434
43100.0	44000.0	0.574 12.56	89.4 9.27	28.1 21.83	2.00 ONE	1.413 8.911	71.0 349.9	0.976 -5.0	37.486 25.7	38.5	146.4	0.882D	74.090A	-2.23	0.433	160.9	145.8	14.9	0.435
ARRIVAL DATE = 2444050.0																			
43010.0	44050.0	0.667 13.39	118.0 8.36	7.7 21.75	-6.17 TWO	1.380 9.720	112.8 351.5	0.939 -4.2	13.903 30.0	312.8	511.2	0.855	26.952A	4.30	0.377	158.6	144.2	18.0	0.385
43020.0	44050.0	0.595 13.07	118.5 8.46	-8.6 21.52	-12.69 TWO	1.384 9.720	108.9 351.5	0.940 -4.2	15.072 29.6	321.0	509.9	0.900	29.243A	10.99	0.384	158.4	145.7	20.0	0.391
43040.0	44050.0	0.488 10.44	130.7 8.57	49.6 19.01	10.33 ONE	1.390 9.720	100.4 351.5	0.944 -4.2	17.379 28.3	338.6	507.7	0.971	33.786A	-11.70	0.395	158.2	143.9	11.8	0.397
43050.0	44050.0	0.424 8.97	119.9 8.58	39.4 17.55	5.53 ONE	1.394 9.720	96.0 351.5	0.946 -4.2	18.353 27.4	347.7	507.1	0.991	35.715A	-6.73	0.399	158.2	145.2	13.2	0.398
43060.0	44050.0	0.403 8.51	111.2 8.61	35.6 17.12	3.84 ONE	1.396 9.720	91.4 351.5	0.948 -4.2	19.077 27.0	357.1	506.7	0.998	37.156A	-4.87	0.402	158.2	145.8	13.7	0.400
43070.0	44050.0	0.410 8.65	102.6 8.64	33.3 17.29	3.01 ONE	1.399 9.720	86.6 351.5	0.949 -4.2	19.467 26.9	7.0	146.7	0.992D	37.942A	-3.85	0.403	158.4	146.0	14.1	0.401
43080.0	44050.0	0.442 9.37	95.4 8.66	31.3 18.03	2.53 ONE	1.401 9.720	81.6 351.5	0.950 -4.2	19.682 27.1	17.3	147.1	0.971D	37.992A	-3.17	0.403	158.6	146.0	14.4	0.402
43090.0	44050.0	0.497 10.65	90.6 8.68	29.6 19.33	2.24 ONE	1.402 9.720	76.3 351.5	0.951 -4.2	19.135 27.4	28.1	147.8	0.934D	37.337A	-2.66	0.402	159.0	145.7	14.7	0.403
43100.0	44050.0	0.569 12.43	88.4 8.70	28.3 21.13	2.07 ONE	1.403 9.720	70.8 351.5	0.952 -4.2	18.497 28.0	39.3	149.0	0.879D	36.115A	-2.25	0.400	159.5	145.2	15.1	0.404
ARRIVAL DATE = 2444100.0																			
43000.0	44100.0	0.648 14.44	115.5 7.87	13.6 22.30	-4.02 TWO	1.370 10.290	116.2 353.0	0.922 -3.5	10.341 33.4	305.1	514.8	0.807	19.875A	2.00	0.342	157.1	142.2	17.8	0.356
43010.0	44100.0	0.595 13.06	117.7 7.93	8.3 20.99	-5.79 TWO	1.373 10.290	112.4 353.0	0.922 -3.5	10.966 32.3	313.2	513.4	0.859	21.072A	3.95	0.350	156.9	143.6	18.1	0.360
43020.0	44100.0	0.570 12.44	118.1 8.01	-5.2 20.44	-10.89 TWO	1.376 10.290	108.5 353.0	0.922 -3.5	11.590 31.7	321.4	512.1	0.904	22.275A	9.21	0.357	156.8	145.1	19.7	0.365
43040.0	44100.0	0.499 10.70	133.8 8.13	55.4 18.83	12.53 ONE	1.383 10.290	99.9 353.0	0.923 -3.5	12.720 30.8	339.3	510.0	0.973	24.466A	-13.86	0.367	156.6	142.9	11.0	0.372
43050.0	44100.0	0.419 8.85	119.3 8.12	41.9 16.97	6.16 ONE	1.386 10.290	95.6 353.0	0.925 -3.5	13.154 29.7	348.3	509.4	0.992	25.315A	-7.32	0.371	156.6	144.6	13.0	0.372
43060.0	44100.0	0.397 8.36	109.9 8.14	37.0 16.50	4.15 ONE	1.388 10.290	91.0 353.0	0.926 -3.5	13.453 29.3	357.9	509.1	0.999	25.907A	-5.13	0.373	156.6	145.2	13.7	0.373
43070.0	44100.0	0.404 8.52	101.1 8.16	34.1 16.68	3.20 ONE	1.391 10.290	86.3 353.0	0.927 -3.5	13.591 29.2	7.8	149.2	0.992D	26.191A	-3.99	0.374	156.8	145.5	14.1	0.374
43080.0	44100.0	0.437 9.27	94.0 8.18	31.8 17.44	2.66 ONE	1.393 10.290	81.3 353.0	0.928 -3.5	13.560 29.3	18.1	149.5	0.970D	26.151A	-3.25	0.374	157.0	145.4	14.5	0.375
43090.0	44100.0	0.492 10.55	89.5 8.20	29.9 18.75	2.34 ONE	1.394 10.290	76.1 353.0	0.930 -3.5	13.368 29.7	28.8	150.3	0.932D	25.805A	-2.71	0.372	157.4	145.1	14.8	0.376
43100.0	44100.0	0.565 12.32	87.5 8.22	28.4 20.53	2.14 ONE	1.395 10.290	70.7 353.0	0.933 -3.5	13.043 30.3	40.0	151.4	0.877D	25.209A	-2.27	0.370	157.9	144.6	15.2	0.377
ARRIVAL DATE = 2444150.0																			
43000.0	44150.0	0.639 14.20	115.3 7.51	13.8 21.71	-3.90 TWO	1.364 10.321	115.9 354.6	0.909 -2.7	8.907 35.9	305.3	516.7	0.810	17.004A	1.90	0.318	155.3	141.5	18.1	0.335
43010.0	44150.0	0.584 12.80	117.6 7.56	8.9 20.37	-5.47 TWO	1.367 10.321	112.1 354.6	0.907 -2.7	9.315 34.7	313.5	515.4	0.862	17.768A	3.65	0.325	155.2	142.9	18.4	0.338
43020.0	44150.0	0.551 11.98	117.9 7.62	-2.7 19.61	-9.59 TWO	1.370 10.321	108.1 354.6	0.907 -2.7	9.709 34.0	321.8	514.1	0.907	18.512A	7.94	0.332	155.0	144.5	19.7	0.342
43040.0	44150.0	0.526 11.37	140.7 7.77	62.5 19.14	15.68 ONE	1.376 10.321	99.6 354.6	0.906 -2.7	10.389 33.7	339.8	512.2	0.975	19.802A	-16.98	0.342	154.8	141.5	9.9	0.351

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43050.0	44150.0	0.416	119.0	44.7	6.91	1.379	95.3	0.907	10.635	348.9	511.7	0.993	20.276A	-8.03	0.345	154.9	143.8	12.8	0.348
		8.79	7.73	16.51	ONE	10.321	354.6	-2.7	32.1										
43060.0	44150.0	0.392	109.0	38.5	4.49	1.382	90.8	0.907	10.795	358.4	511.4	0.999	20.591A	-5.44	0.347	154.9	144.6	13.7	0.349
		8.26	7.74	16.00	ONE	10.321	354.6	-2.7	31.6										
43070.0	44150.0	0.399	100.0	35.0	3.40	1.384	86.0	0.909	10.858	8.3	151.5	0.9910	20.725A	-4.15	0.348	155.1	144.8	14.2	0.350
		8.42	7.75	16.18	ONE	10.321	354.6	-2.7	31.5										
43080.0	44150.0	0.433	93.0	32.3	2.79	1.386	81.1	0.911	10.821	18.7	151.8	0.9680	20.674A	-3.34	0.347	155.3	144.8	14.6	0.351
		9.18	7.77	16.94	ONE	10.321	354.6	-2.7	31.7										
43090.0	44150.0	0.488	88.6	30.2	2.43	1.387	76.0	0.913	10.690	29.4	152.6	0.9300	20.450A	-2.76	0.346	155.7	144.5	15.0	0.352
		10.46	7.79	18.24	ONE	10.321	354.6	-2.7	32.1										
43100.0	44150.0	0.560	86.9	28.6	2.21	1.388	70.7	0.916	10.479	40.5	153.6	0.8750	20.083A	-2.30	0.343	156.3	143.9	15.4	0.353
		12.21	7.81	20.01	ONE	10.321	354.6	-2.7	32.8										
43110.0	44150.0	0.645	87.4	27.5	2.09	1.389	65.1	0.921	10.209	52.0	155.1	0.8050	19.614A	-1.90	0.339	157.0	143.1	15.9	0.354
		14.35	7.83	22.18	ONE	10.321	354.6	-2.7	33.6										
ARRIVAL DATE = 2444200.0																			
43000.0	44200.0	0.632	115.3	13.9	-3.80	1.359	115.7	0.898	7.976	305.4	518.6	0.812	15.140A	1.81	0.296	153.5	140.6	18.4	0.315
		14.01	7.21	21.23	TWO	9.788	356.1	-1.9	38.5										
43010.0	44200.0	0.576	117.5	9.4	-5.20	1.362	111.8	0.896	8.267	313.6	517.2	0.864	15.671A	3.39	0.303	153.3	142.1	18.6	0.318
		12.59	7.25	19.85	TWO	9.788	356.1	-1.9	37.2										
43020.0	44200.0	0.537	117.8	-0.6	-8.61	1.365	107.9	0.894	8.543	322.1	516.1	0.909	16.177A	6.99	0.309	153.2	143.7	19.7	0.321
		11.64	7.30	18.94	TWO	9.788	356.1	-1.9	36.4										
43040.0	44200.0	0.585	158.0	70.2	20.56	1.371	99.3	0.892	9.002	340.2	514.3	0.977	17.028A	-21.83	0.319	153.0	139.4	8.1	0.334
		12.81	7.50	20.32	ONE	9.788	356.1	-1.9	37.0										
43050.0	44200.0	0.416	119.3	47.8	7.81	1.374	95.0	0.892	9.161	349.3	513.8	0.994	17.329A	-8.90	0.322	153.1	142.9	12.5	0.327
		8.80	7.39	16.19	ONE	9.788	356.1	-1.9	34.5										
43060.0	44200.0	0.388	108.2	40.1	4.87	1.376	90.5	0.892	9.260	358.8	513.6	0.999	17.522A	-5.78	0.324	153.1	143.8	13.7	0.327
		8.18	7.40	15.58	ONE	9.788	356.1	-1.9	34.0										
43070.0	44200.0	0.396	99.1	35.9	3.61	1.379	85.9	0.893	9.293	8.8	153.6	0.9910	17.595A	-4.33	0.324	153.3	144.1	14.3	0.328
		8.34	7.41	15.75	ONE	9.788	356.1	-1.9	33.9										
43080.0	44200.0	0.430	92.2	32.8	2.94	1.380	81.0	0.895	9.257	19.1	154.0	0.9670	17.547A	-3.44	0.324	153.6	144.1	14.7	0.329
		9.09	7.42	16.52	ONE	9.788	356.1	-1.9	34.1										
43090.0	44200.0	0.485	88.0	30.5	2.54	1.382	75.9	0.899	9.158	29.8	154.7	0.9290	17.387A	-2.82	0.322	154.0	143.7	15.2	0.330
		10.37	7.44	17.81	ONE	9.788	356.1	-1.9	34.6										
43100.0	44200.0	0.556	86.5	28.8	2.29	1.383	70.7	0.903	9.004	40.9	155.7	0.8740	17.133A	-2.33	0.319	154.5	143.2	15.6	0.331
		12.10	7.46	19.56	ONE	9.788	356.1	-1.9	35.3										
43110.0	44200.0	0.640	87.1	27.6	2.15	1.383	65.2	0.909	8.868	52.3	157.0	0.8040	16.811A	-1.92	0.315	155.3	142.3	16.2	0.333
		14.21	7.48	21.70	ONE	9.788	356.1	-1.9	36.2										
ARRIVAL DATE = 2444250.0																			
43000.0	44250.0	0.626	115.3	14.1	-3.71	1.355	115.6	0.889	7.329	305.4	520.3	0.813	13.846A	1.73	0.276	151.5	139.7	18.7	0.298
		13.87	6.96	20.83	TWO	8.985	357.7	-1.2	41.1										
43010.0	44250.0	0.569	117.5	9.8	-4.96	1.358	111.7	0.885	7.550	313.7	519.0	0.865	14.236A	3.18	0.283	151.3	141.2	18.9	0.300
		12.43	6.99	19.42	TWO	8.985	357.7	-1.2	39.8										
43020.0	44250.0	0.527	117.8	1.0	-7.84	1.361	107.7	0.883	7.757	322.2	517.9	0.910	14.603A	6.24	0.289	151.2	142.8	19.9	0.303
		11.38	7.02	18.41	TWO	8.985	357.7	-1.2	38.9										
43030.0	44250.0	0.600	116.4	-28.2	-19.79	1.364	103.7	0.881	7.940	330.7	517.0	0.947	14.933A	18.37	0.294	151.2	144.9	24.9	0.311
		13.21	7.15	20.36	TWO	8.985	357.7	-1.2	39.6										
43050.0	44250.0	0.421	120.1	51.5	8.93	1.369	94.9	0.879	8.204	349.6	515.8	0.994	15.414A	-9.98	0.301	151.2	141.9	12.2	0.309
		8.89	7.11	16.00	ONE	8.985	357.7	-1.2	37.2										
43060.0	44250.0	0.386	107.8	41.8	5.31	1.372	90.4	0.879	8.271	359.1	515.6	0.999	15.543A	-6.17	0.303	151.2	142.9	13.7	0.308
		8.14	7.11	15.24	ONE	8.985	357.7	-1.2	36.6										
43070.0	44250.0	0.393	98.5	36.8	3.85	1.374	85.7	0.881	8.288	9.1	155.6	0.9900	15.586A	-4.52	0.303	151.4	143.3	14.4	0.309
		8.28	7.11	15.39	ONE	8.985	357.7	-1.2	36.5										
43080.0	44250.0	0.426	91.6	33.3	3.09	1.376	80.9	0.883	8.255	19.4	156.0	0.9670	15.544A	-3.55	0.302	151.7	143.2	14.9	0.310
		9.02	7.13	16.15	ONE	8.985	357.7	-1.2	36.7										
43090.0	44250.0	0.481	87.6	30.8	2.64	1.377	75.9	0.886	8.175	30.1	156.7	0.9280	15.423A	-2.88	0.300	152.1	142.9	15.4	0.310
		10.29	7.14	17.43	ONE	8.985	357.7	-1.2	37.1										
43100.0	44250.0	0.552	86.2	29.0	2.37	1.378	70.7	0.892	8.055	41.1	157.6	0.8740	15.236A	-2.37	0.297	152.6	142.3	15.9	0.312
		12.00	7.16	19.16	ONE	8.985	357.7	-1.2	37.8										
43110.0	44250.0	0.634	87.0	27.8	2.21	1.379	65.3	0.898	7.902	52.4	158.9	0.8050	15.000A	-1.93	0.293	153.4	141.4	16.4	0.314
		14.08	7.19	21.26	ONE	8.985	357.7	-1.2	38.8										
ARRIVAL DATE = 2444300.0																			
43000.0	44300.0	0.622	115.4	14.2	-3.62	1.352	115.5	0.881	6.859	305.3	521.9	0.813	12.905A	1.66	0.258	149.4	138.7	19.1	0.283
		13.77	6.74	20.50	TWO	8.464	359.2	-0.4	43.9										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V L CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43010.0	44300.0	0.564 12.31	117.6 6.76	10.2 19.07	-4.75 TWO	1.354 8.464	111.6 359.2	0.877 -0.4	7.034 42.5	313.7	520.7	0.866	13.203A	2.99	0.265	149.3	140.3	19.2	0.284
43020.0	44300.0	0.519 11.19	117.9 6.79	2.4 17.98	-7.22 TWO	1.357 8.464	107.6 359.2	0.873 -0.4	7.196 41.5	322.2	519.7	0.911	13.481A	5.65	0.271	149.2	141.8	20.1	0.286
43030.0	44300.0	0.548 11.90	116.0 6.87	-20.8 18.77	-15.87 TWO	1.360 8.464	103.5 359.2	0.871 -0.4	7.338 41.5	330.9	518.8	0.948	13.728A	14.48	0.275	149.1	143.8	23.9	0.292
43050.0	44300.0	0.430 9.10	121.8 6.87	55.8 15.97	10.34 ONE	1.365 8.464	94.8 359.2	0.868 -0.4	7.538 39.9	349.8	517.7	0.994	14.082A	-11.36	0.282	149.2	140.6	11.6	0.292
43060.0	44300.0	0.385 8.12	107.7 6.86	43.6 14.98	5.90 ONE	1.368 8.464	90.3 359.2	0.868 -0.4	7.587 39.2	359.3	517.5	0.999	14.174A	-6.63	0.283	149.3	141.9	13.6	0.291
43070.0	44300.0	0.390 8.23	98.1 6.86	37.8 15.09	4.10 ONE	1.370 8.464	85.7 359.2	0.870 -0.4	7.596 39.1	9.3	157.5	0.9900	14.202A	-4.74	0.284	149.4	14	14.5	0.292
43080.0	44300.0	0.423 8.96	91.3 6.87	33.9 15.83	3.25 ONE	1.372 8.464	80.9 359.2	0.872 -0.4	7.566 39.3	19.6	157.9	0.9670	14.166A	-3.67	0.283	149.7	142.3	15.1	0.292
43090.0	44300.0	0.478 10.21	87.3 6.89	31.1 17.09	2.75 ONE	1.373 8.464	75.9 359.2	0.876 -0.4	7.499 39.7	30.2	158.5	0.9280	14.071A	-2.95	0.281	150.1	142.0	15.6	0.293
43100.0	44300.0	0.548 11.89	86.1 6.91	29.2 18.80	2.45 ONE	1.374 8.464	70.8 359.2	0.882 -0.4	7.400 40.5	41.1	159.4	0.8740	13.927A	-2.40	0.277	150.6	141.4	16.2	0.295
43110.0	44300.0	0.629 13.95	86.9 6.93	27.9 20.88	2.27 ONE	1.375 8.464	65.5 359.2	0.889 -0.4	7.276 41.5	52.4	160.6	0.8060	13.746A	-1.95	0.273	151.4	140.5	16.7	0.296
ARRIVAL DATE = 2444350.0																			
43000.0	44350.0	0.619 13.70	115.6 6.55	14.3 20.25	-3.54 TWO	1.349 8.643	115.5 0.7	0.875 0.4	6.505 46.7	305.1	523.4	0.813	12.198A	1.60	0.241	147.2	137.5	19.5	0.269
43010.0	44350.0	0.561 12.22	117.7 6.57	10.5 18.78	-4.57 TWO	1.351 8.643	111.5 0.7	0.870 0.4	6.[illegible]69 4[illegible].3	313.6	522.3	0.866	12.433A	2.83	0.248	147.1	139.2	19.6	0.270
43020.0	44350.0	0.513 11.04	118.1 6.59	3.5 17.63	-6.70 TWO	1.354 8.643	107.5 0.7	0.866 0.4	6.781 44.2	322.2	521.3	0.911	12.651A	5.16	0.254	147.0	140.8	20.3	0.272
43030.0	44350.0	0.517 11.14	116.1 6.64	-15.3 17.78	-13.30 TWO	1.357 8.643	103.4 0.7	0.862 0.4	6.895 43.9	330.9	520.5	0.948	12.842A	11.94	0.258	147.0	142.7	23.3	0.276
43050.0	44350.0	0.446 9.47	124.9 6.68	60.9 16.15	12.20 ONE	1.362 8.643	94.7 0.7	0.859 0.4	7.054 42.8	349.9	519.4	0.995	13.113A	-13.18	0.265	147.0	139.1	10.9	0.278
43060.0	44350.0	0.386 8.13	107.9 6.64	45.7 14.78	6.37 ONE	1.364 8.643	90.3 0.7	0.859 0.4	7.090 41.9	359.4	519.2	0.999	13.182A	-7.16	0.266	147.1	140.8	13.5	0.276
43070.0	44350.0	0.388 8.19	98.0 6.65	38.8 14.83	4.39 ONE	1.366 8.643	85.7 0.7	0.860 0.4	7.095 41.7	9.3	159.3	0.9900	13.201A	-4.98	0.266	147.3	141.3	14.6	0.276
43080.0	44350.0	0.421 8.89	91.1 6.66	34.5 15.55	3.42 ONE	1.368 8.643	80.9 0.7	0.863 0.4	7.068 41.9	19.6	159.6	0.9670	13.170A	-3.80	0.265	147.6	141.3	15.3	0.277
43090.0	44350.0	0.474 10.12	87.3 6.67	31.5 16.79	2.87 ONE	1.370 8.643	76.0 0.7	0.868 0.4	7.011 42.4	30.2	160.2	0.9280	13.094A	-3.02	0.263	148.0	141.0	15.9	0.278
43100.0	44350.0	0.543 11.79	86.1 6.69	29.4 18.48	2.53 ONE	1.371 8.643	70.9 0.7	0.874 0.4	6.9[illegible] 43	[illegible].1	161.1	0.8750	12.980A	-2.44	0.260	148.5	140.3	16.4	0.279
43110.0	44350.0	0.624 13.81	87.0 6.72	28.1 20.53	2.33 ONE	1.371 8.643	65.6 0.[illegible]	0.882 0.4	6.822 44.2	52.3	162.1	0.8070	12.837A	-1.97	0.255	149.3	139.4	17.0	0.281
ARRIVAL DATE = 2444400.0																			
43000.0	[illegible]00.0	0.618 13.66	115.8 6.39	14.4 20.05	-3.47 TWO	1.346 9.368	115.5 2.2	0.870 1.1	6.233 49.6	304.8	524.9	0.811	11.655A	1.54	0.226	144.8	136.3	19.9	0.257
43010.0	44400.0	0.558 12.16	117.9 6.40	10.9 18.56	-4.40 TWO	1.349 9.368	111.5 2.2	0.864 1.1	6.354 48.2	313.4	523.8	0.865	11.844A	2.68	0.233	144.7	138.[illegible]	20.0	0.258
43020.0	44400.0	0.509 10.94	118.3 6.41	4.5 17.35	-6.27 TWO	1.351 9.368	107.5 2.2	0.859 1.1	6.465 47.0	322.0	522.9	0.911	12.018A	4.75	0.238	144.7	139.6	20.6	0.259
43030.0	44400.0	0.497 10.67	116.4 6.45	-11.2 17.12	-11.49 TWO	1.354 9.368	103.[illegible] 2.[illegible]	0.855 1.1	6.560 46.4	330.8	522.1	0.948	[illegible]1A	10.17	0.243	144.7	141.5	23.1	0.262
43050.0	44400.0	0.474 10.12	131.1 6.52	67.0 16.64	14.74 ONE	1.359 9.368	94.[illegible] 2	0.851 1.1	6.690 47.0	349.9	521.1	0.995	12.384A	-15.68	0.249	144.8	137.4	9.8	0.267
43060.0	44400.0	0.388 8.18	108.3 6.46	48.1 14.64	7.34 ONE	1.361 9.368	90.3 2.2	0.851 1.1	6.718 44.7	359.4	520.9	0.999	12.438A	-7.80	0.250	144.9	139.6	13.4	0.263
43070.0	44400.0	0.387 8.15	98.1 6.46	40.0 14.62	4.70 ONE	1.364 9.368	85.7 2.2	0.853 1.1	6.720 44.5	9.3	161.0	0.9900	12.451A	-5.25	0.250	145.1	140.[illegible]	14.7	0.263
43080.0	44400.0	0.418 8.84	91.1 6.47	[illegible].1 [illegible]	3.60 ONE	1.365 9.368	81.0 2.2	0.856 1.1	6.696 44.7	19.5	161.3	0.9670	12.425A	-3.94	0.249	145.4	140.2	15.5	0.263
43090.0	44400.0	0.471 10.04	87.3 6.48	31.9 16.53	2.99 ONE	1.367 9.368	76.1 2.2	0.860 1.1	6.[illegible]46 [illegible]2	30.1	161.8	0.9290	12.363A	-3.10	0.247	145.7	139.9	16.1	0.264
43100.0	44400.0	0.53 11.68	[illegible]6.2 [illegible].0	29.7 18.18	2.62 ONE	1.368 9.368	71.1 2.2	0.867 1.1	6.574 46.0	40.9	162.6	0.8760	12.271A	-2.49	0.244	146.3	139.3	16.7	0.266

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43110.0	44400.0	0.618	87.2	28.3	2.40	1.369	65.9	0.875	6.483	52.0	163.6	0.8090	12.156A	-1.99	0.239	147.0	138.3	17.4	0.268
		13.67	6.53	20.20	ONE	9.368	2.2	1.1	47.0										
							ARRIVAL DATE = 2444450.0												
43000.0	44450.0	0.617	116.1	14.5	-3.40	1.344	115.6	0.865	6.020	304.5	526.2	0.810	11.229A	1.49	0.212	142.3	135.1	20.3	0.247
		13.65	6.26	19.90	TWO	10.128	3.8	1.9	52.6										
43010.0	44450.0	0.557	118.2	11.1	-4.25	1.347	111.6	0.859	6.124	313.1	525.2	0.864	11.384A	2.56	0.219	142.3	136.8	20.4	0.247
		12.12	6.26	18.38	TWO	10.128	3.8	1.9	51.1										
43020.0	44450.0	0.506	118.7	5.4	-5.91	1.349	107.5	0.854	6.218	321.8	524.3	0.910	11.527A	4.41	0.224	142.3	138.4	20.9	0.247
		10.87	6.27	17.13	TWO	10.128	3.8	1.9	49.9										
43030.0	44450.0	0.484	116.8	-8.0	-10.16	1.352	103.4	0.850	6.299	330.7	523.6	0.948	11.651A	8.86	0.229	142.4	140.2	23.0	0.249
		10.35	6.29	16.64	TWO	10.128	3.8	1.9	49.2										
43050.0	44450.0	0.522	145.4	73.9	18.41	1.357	94.7	0.845	6.409	349.8	522.6	0.995	11.823A	-19.32	0.235	142.5	135.2	8.3	0.258
		11.26	6.41	17.67	ONE	10.128	3.8	1.9	49.4										
43060.0	44450.0	0.392	109.2	50.8	7.84	1.359	90.3	0.845	6.432	359.3	522.5	0.999	11.865A	-8.55	0.236	142.6	138.3	13.2	0.251
		8.26	6.31	14.57	ONE	10.128	3.8	1.9	47.5										
43070.0	44450.0	0.386	98.3	41.3	5.04	1.361	85.8	0.846	6.433	9.2	162.5	0.9900	11.875A	-5.56	0.236	142.8	139.0	14.8	0.250
		8.13	6.30	14.44	ONE	10.128	3.8	1.9	47.3										
43080.0	44450.0	0.416	91.3	35.8	3.79	1.363	81.1	0.849	6.411	19.4	162.8	0.9670	11.854A	-4.09	0.235	143.0	139.1	15.7	0.251
		8.78	6.31	15.09	ONE	10.128	3.8	1.9	47.5										
43090.0	44450.0	0.467	87.5	32.3	3.11	1.364	76.3	0.854	6.366	29.9	163.3	0.9300	11.803A	-3.19	0.232	143.4	138.8	16.4	0.252
		9.96	6.33	16.28	ONE	10.128	3.8	1.9	48.0										
43100.0	44450.0	0.535	86.4	30.0	2.71	1.366	71.2	0.861	6.303	40.7	164.1	0.8780	11.727A	-2.54	0.229	143.9	138.1	17.0	0.254
		11.57	6.35	17.92	ONE	10.128	3.8	1.9	48.8										
43110.0	44450.0	0.613	87.4	28.4	2.46	1.366	66.1	0.869	6.223	51.7	165.0	0.8120	11.633A	-2.02	0.224	144.6	137.2	17.7	0.256
		13.53	6.38	19.91	ONE	10.128	3.8	1.9	49.9										
							ARRIVAL DATE = 2444500.0												
43000.0	44500.0	0.618	116.4	14.6	-3.33	1.342	115.7	0.862	5.850	304.1	527.5	0.808	10.893A	1.44	0.200	139.6	133.7	20.7	0.237
		13.66	6.14	19.80	TWO	10.490	5.3	2.6	55.6										
43010.0	44500.0	0.557	118.6	11.4	-4.12	1.345	111.7	0.855	5.942	312.7	526.6	0.862	11.021A	2.44	0.206	139.7	135.5	20.8	0.237
		12.12	6.14	18.25	TWO	10.490	5.3	2.6	54.1										
43020.0	44500.0	0.504	119.1	6.1	-5.59	1.347	107.6	0.849	6.024	321.5	525.7	0.909	11.139A	4.12	0.212	139.8	137.1	21.3	0.237
		10.82	6.14	16.96	TWO	10.490	5.3	2.6	52.8										
43030.0	44500.0	0.475	117.3	-5.4	-9.12	1.350	103.5	0.845	6.094	330.4	525.0	0.947	11.241A	7.85	0.216	139.8	138.9	23.0	0.239
		10.13	6.16	16.29	TWO	10.490	5.3	2.6	52.0										
43050.0	44500.0	0.607	187.0	79.0	24.15	1.355	94.7	0.839	6.188	349.7	524.1	0.994	11.382A	-25.03	0.222	140.0	132.4	5.9	0.255
		13.38	6.36	19.75	ONE	10.490	5.3	2.6	53.5										
43060.0	44500.0	0.398	110.4	53.9	8.80	1.357	90.4	0.839	6.208	359.1	524.0	0.999	11.417A	-9.48	0.223	140.1	136.9	12.9	0.241
		8.40	6.18	14.58	ONE	10.490	5.3	2.6	50.5										
43070.0	44500.0	0.386	98.8	42.7	5.43	1.359	85.9	0.840	6.208	9.0	164.0	0.9900	11.425A	-5.90	0.223	140.3	137.8	14.9	0.240
		8.13	6.17	14.30	ONE	10.490	5.3	2.6	50.2										
43080.0	44500.0	0.413	91.7	36.6	4.00	1.361	81.2	0.844	6.188	19.2	164.3	0.9680	11.407A	-4.27	0.222	140.6	137.9	15.9	0.240
		8.73	6.18	14.90	ONE	10.490	5.3	2.6	50.4										
43090.0	44500.0	0.464	87.8	32.7	3.24	1.362	76.4	0.849	6.148	29.6	164.7	0.9310	11.365A	-3.28	0.219	140.9	137.6	16.6	0.241
		9.88	6.19	16.07	ONE	10.490	5.3	2.6	50.9										
43100.0	44500.0	0.530	86.8	30.3	2.80	1.363	71.5	0.856	6.091	40.3	165.4	0.8800	11.303A	-2.59	0.216	141.4	136.9	17.3	0.243
		11.46	6.21	17.67	ONE	10.490	5.3	2.6	51.7										
43110.0	44500.0	0.607	87.8	28.6	2.53	1.364	66.4	0.865	6.020	51.3	166.3	0.8150	11.225A	-2.05	0.211	142.1	136.0	18.0	0.245
		13.39	6.24	19.63	ONE	10.490	5.3	2.6	52.7										
							ARRIVAL DATE = 2444550.0												
43000.0	44550.0	0.619	116.8	14.7	-3.27	1.341	115.9	0.859	5.714	303.6	528.7	0.805	10.624A	1.40	0.188	136.9	132.3	21.1	0.229
		13.69	6.05	19.74	TWO	10.261	6.8	3.4	58.7										
43010.0	44550.0	0.557	119.0	11.6	-3.99	1.343	111.8	0.852	5.796	312.3	527.8	0.860	10.731A	2.34	0.195	137.0	134.1	21.2	0.229
		12.13	6.04	18.17	TWO	10.261	6.8	3.4	57.1										
43020.0	44550.0	0.503	119.5	6.7	-5.31	1.346	107.7	0.845	5.868	321.2	527.0	0.907	10.829A	3.87	0.200	137.1	135.8	21.6	0.228
		10.80	6.04	16.84	TWO	10.261	6.8	3.4	55.8										
43030.0	44550.0	0.468	117.8	-3.3	-8.30	1.348	103.6	0.840	5.930	330.1	526.4	0.946	10.915A	7.06	0.204	137.2	137.5	23.2	0.229
		9.99	6.05	16.03	TWO	10.261	6.8	3.4	54.9										
43040.0	44550.0	0.563	113.4	-33.5	-20.06	1.350	99.5	0.837	5.979	339.1	525.9	0.974	10.984A	19.02	0.208	137.4	140.0	29.6	0.239
		12.27	6.16	18.43	TWO	10.261	6.8	3.4	55.6										
43060.0	44550.0	0.408	112.3	57.5	9.99	1.355	90.5	0.834	6.030	358.8	525.4	0.999	11.062A	-10.63	0.211	137.6	135.3	12.5	0.232
		8.61	6.08	14.69	ONE	10.261	6.8	3.4	53.5										
43070.0	44550.0	0.386	99.5	44.2	5.87	1.357	86.0	0.836	6.030	8.7	165.4	0.9910	11.068A	-6.30	0.211	137.8	136.4	14.9	0.230
		8.13	6.06	14.19	ONE	10.261	6.8	3.4	53.1										

DEPART	ARRIVE	SPEED	R A	DECL	I 1	V 1	PSI 1	ECCEN	SMA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
		DV1	DV2	DVT	LEG	COAST	RAS	DECLS	LAMDA										
43080.0	44550.0	0.411	92.2	37.4	4.23	1.359	81.4	0.839	6.011	18.8	165.6	0.969D	11.053A	-4.45	0.210	138.0	136.6	16.1	0.231
		8.68	6.06	14.74	ONE	10.261	6.8	3.4	53.3										
43090.0	44550.0	0.460	88.3	33.2	3.39	1.361	76.6	0.844	5.975	[illegible]			11.018A	-3.38	0.208	138.3	136.3	16.9	0.232
		9.79	6.07	15.87	ONE	10.261	6.8	3.4	53.8										
43100.0	44550.0	0.525	87.2	30.6	2.89	1.362	71.7	0.851	5.924	39.9	166.7	0.882D	10.966A	-2.64	0.204	138.8	135.7	17.6	0.233
		11.34	6.10	17.44	ONE	10.261	6.8	3.4	54.6										
43110.0	44550.0	0.602	88.2	28.8	2.59	1.363	66.6	0.860	5.860	50.8	167.5	0.819D	10.901A	-2.08	0.199	139.4	134.8	18.3	0.236
		13.24	6.13	19.37	ONE	10.261	6.8	3.4	55.6										
ARRIVAL DATE = 2444660.0																			
43000.0	44600.0	0.621	117.2	14.8	-3.22	1.340	116.1	0.857	5.665	[illegible]			10.468A	1.36	0.178	133.9	130.9	21.5	0.222
		13.74	5.97	19.71	TWO	9.553	8.3	4.1	61.7										
43010.0	44600.0	0.559	119.4	11.9	-3.88	1.342	112.0	0.849	5.679	[illegible]			10.469A	2.15	0.186	134.1	132.7	21.6	0.221
		12.16	5.95	18.11	TWO	9.553	8.3	4.1	60.1										
43020.0	44600.0	0.503	120.1	7.3	-5.07	1.344	107.9	0.842	5.694	320.7	527.3	0.905	10.581A	[illegible]			134.4	22.0	0.221
		10.80	5.95	16.75	TWO	9.553	8.3	4.1	58.8										
43030.0	44600.0	0.464	118.5	-1.5	-7.63	1.347	101.8	0.835	5.709	329.7	527.7	0.945	10.653A	6.42	0.199	134.5	136.1	23.3	0.221
		9.89	5.95	15.84	TWO	9.553	8.3	4.1	57.8										
43040.0	44600.0	0.512	113.9	-26.0	-16.30	1.349	99.6	0.833	5.842	338.8	527.2	0.974	10.711A	15.29	0.197	134.6	138.4	28.3	0.227
		11.03	6.02	17.04	TWO	9.553	8.3	4.1	57.9										
43060.0	44600.0	0.423	115.0	61.8	11.50	1.354	90.7	0.830	5.888	358.5	526.7	0.999	10.776A	-12.11	0.201	134.9	133.7	11.9	0.225
		8.94	5.99	14.93	ONE	9.553	8.3	4.1	56.6										
43070.0	44600.0	0.387	100.4	46.0	6.37	1.356	86.2	0.832	5.887	8.3	166.7	0.991D	10.782A	-6.77	0.200	135.1	135.1	14.9	0.222
		8.15	5.96	14.11	ONE	9.553	8.3	4.1	56.1										
43080.0	44600.0	0.409	92.8	38.3	4.48	1.358	81.6	0.835	5.870	18.5	166.9	0.970D	10.770A	-4.67	0.199	135.3	135.3	16.3	0.222
		8.63	5.96	14.59	ONE	9.553	8.3	4.1	56.2										
43090.0	44600.0	0.456	88.8	33.7	3.53	1.359	76.9	0.840	5.838	28.8	167.3	0.935D	10.741A	-3.49	0.197	135.6	135.1	17.2	0.223
		9.71	5.98	15.68	ONE	9.553	8.3	4.1	56.7										
43100.0	44600.0	0.520	87.6	30.9	2.99	1.360	72.0	0.847	5.791	39.5	167.9	0.885D	10.697A	-2.70	0.193	136.0	134.4	17.9	0.225
		11.23	6.00	17.23	ONE	9.553	8.3	4.1	57.5										
43110.0	44600.0	0.596	88.6	29.0	2.66	1.361	66.9	0.857	5.732	50.3	168.6	0.822D	10.645A	-2.11	0.189	136.6	133.5	18.7	0.228
		13.10	6.03	19.12	ONE	9.553	8.3	4.1	58.5										
ARRIVAL DATE = 2444650.0																			
43000.0	44650.0	0.624	117.7	14.8	-3.16	1.339	116.3	0.855	5.516	302.5	531.0	0.798	10.234A	1.32	0.169	130.8	129.5	21.9	0.217
		13.82	5.90	19.72	TWO	8.800	9.8	4.9	64.8										
43010.0	44650.0	0.561	119.9	12.1	-3.77	1.341	112.2	0.847	5.582	311.3	530.2	0.854	10.310A	2.17	0.175	131.1	131.3	22.0	0.215
		12.21	5.88	18.09	TWO	8.800	9.8	4.9	63.2										
43020.0	44650.0	0.504	120.6	7.8	-4.85	1.343	108.1	0.840	5.642	320.2	529.5	0.903	10.380A	3.46	0.180	131.4	133.0	22.4	0.214
		10.82	5.87	16.70	TWO	8.800	9.8	4.9	61.8										
43030.0	44650.0	0.462	119.2	-0.0	-7.07	1.345	103.9	0.834	5.692	329.3	528.9	0.943	10.441A	5.89	0.185	131.6	134.7	23.6	0.214
		9.83	5.87	15.71	TWO	8.800	9.8	4.9	60.8										
43040.0	44650.0	0.482	114.7	-20.2	-13.76	1.348	99.8	0.830	5.732	338.4	528.4	0.973	10.491A	12.78	0.188	131.8	136.8	27.5	0.218
		10.30	5.91	16.21	TWO	8.800	9.8	4.9	60.5										
43060.0	44650.0	0.445	119.3	67.0	13.49	1.352	90.9	0.827	5.773	358.1	527.9	0.999	10.546A	-14.06	0.191	132.1	131.9	10.9	0.219
		9.45	5.93	15.37	ONE	8.800	9.8	4.9	59.8										
43070.0	44650.0	0.389	101.4	48.0	6.95	1.355	86.4	0.828	5.772	7.9	167.9	0.992D	10.552A	-7.31	0.191	132.3	133.6	14.8	0.215
		8.19	5.88	14.08	ONE	8.800	9.8	4.9	59.0										
43080.0	44650.0	0.407	93.6	39.3	4.76	1.356	81.8	0.831	5.756	18.0	168.1	0.971D	10.541A	-4.90	0.190	132.5	134.0	16.4	0.215
		8.59	5.88	14.47	ONE	8.800	9.8	4.9	59.1										
43090.0	44650.0	0.453	89.4	34.3	3.69	1.358	77.1	0.836	5.727	28.4	168.5	0.937D	10.517A	-3.61	0.187	132.8	133.8	17.4	0.216
		9.62	5.89	15.52	ONE	8.800	9.8	4.9	59.6										
43100.0	44650.0	0.516	88.2	31.2	3.09	1.359	72.3	0.844	5.684	38.9	169.0	0.888D	10.481A	-2.77	0.184	133.1	133.2	18.2	0.218
		11.11	5.92	17.02	ONE	8.800	9.8	4.9	60.4										
43110.0	44650.0	0.590	89.1	29.3	2.73	1.360	67.3	0.853	5.631	49.7	169.7	0.826D	10.435A	-2.14	0.179	133.6	132.3	19.0	0.221
		12.95	5.95	18.89	ONE	8.800	9.8	4.9	61.4										
ARRIVAL DATE = 2444700.0																			
43000.0	44700.0	0.628	118.2	14.9	-3.11	1.338	116.5	0.854	5.444	301.9	532.0	0.793	10.095A	1.29	0.160	127.6	128.1	22.3	0.212
		13.91	5.84	19.75	TWO	8.564	11.3	5.6	67.8										
43010.0	44700.0	0.563	120.5	12.2	-3.68	1.340	112.4	0.845	5.505	310.7	531.[illegible]	0.851	10.159A	2.09	0.167	128.0	129.9	22.3	0.210
		12.28	5.82	18.10	TWO	8.564	11.3	5.6	66.[illegible]										
43020.0	44700.0	0.505	121.2	8.3	-4.65	1.342	108.3	0.838	5.559	319.7	530.6	0.900	10.219A	3.29	0.172	128.4	131.6	22.7	0.208
		10.86	5.81	16.67	TWO	8.564	11.3	5.6	64.8										
43030.0	44700.0	0.461	119.9	1.2	-6.60	1.344	104.2	0.832	5.606	328.8	530.0	0.941	10.270A	5.45	0.176	128.7	133.2	23.8	0.208
		9.81	5.80	15.61	TWO	8.564	11.3	5.6	63.7										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43040.0	44700.0	0.462 9.85	115.7 5.83	-15.6 15.68	-11.93 TWO	1.347 8.564	100.0 11.3	0.828 5.6	5.642 63.3	337.9	529.6	0.971	10.313A	10.98	0.179	128.9	135.2	27.1	0.210
43060.0	44700.0	0.480 10.25	127.5 5.89	73.1 16.14	16.20 ONE	1.351 8.564	91.0 11.3	0.824 5.6	5.679 63.1	357.7	529.1	0.999	10.360A	-16.73	0.182	129.3	129.9	9.6	0.215
43070.0	44700.0	0.392 8.26	102.8 5.81	50.2 14.08	7.62 ONE	1.353 8.564	86.6 11.3	0.825 5.6	5.679 62.0	7.4	169.1	0.992D	10.365A	-7.95	0.182	129.4	132.2	14.7	0.209
43080.0	44700.0	0.405 8.55	94.5 5.81	40.4 14.36	5.06 ONE	1.355 8.564	82.1 11.3	0.828 5.6	5.665 62.1	17.5	169.3	0.973D	10.357A	-5.16	0.181	129.6	132.6	16.6	0.209
43090.0	44700.0	0.449 9.54	90.2 5.82	34.9 15.36	3.86 ONE	1.357 8.564	77.4 11.3	0.833 5.6	5.638 62.6	27.8	169.6	0.939D	10.336A	-3.74	0.179	129.8	132.5	17.7	0.210
43100.0	44700.0	0.511 10.99	88.8 5.84	31.6 16.83	3.20 ONE	1.358 8.564	72.6 11.3	0.841 5.6	5.599 63.3	38.3	170.1	0.891D	10.306A	-2.84	0.175	130.1	131.9	18.5	0.212
43110.0	44700.0	0.584 12.79	89.7 5.88	29.5 18.67	2.81 ONE	1.359 8.564	67.6 11.3	0.850 5.6	5.549 64.3	49.0	170.7	0.831D	10.267A	-2.18	0.171	130.5	131.0	19.3	0.214
ARRIVAL DATE = 2444750.0																			
43000.0	44750.0	0.632 14.01	118.7 5.80	14.9 19.81	-3.07 TWO	1.337 9.031	116.8 12.8	0.854 6.3	5.386 70.8	301.2	533.0	0.789	9.984A	1.26	0.153	124.3	126.7	22.6	0.208
43010.0	44750.0	0.567 12.36	121.0 5.77	12.4 18.14	-3.59 TWO	1.339 9.031	112.7 12.8	0.844 6.3	5.442 69.2	310.1	532.3	0.847	10.038A	2.02	0.159	124.8	128.5	22.7	0.205
43020.0	44750.0	0.508 10.92	121.9 5.76	8.7 16.67	-4.48 TWO	1.341 9.031	108.6 12.8	0.837 6.3	5.493 67.8	319.1	531.6	0.897	10.088A	3.14	0.164	125.2	130.2	23.1	0.204
43030.0	44750.0	0.461 9.80	120.7 5.75	2.3 15.55	-6.19 TWO	1.343 9.031	104.4 12.8	0.830 6.3	5.535 66.7	328.2	531.1	0.939	10.132A	5.07	0.168	125.6	131.8	24.0	0.203
43040.0	44750.0	0.450 9.56	116.7 5.76	-12.0 15.32	-10.54 TWO	1.346 9.031	100.2 12.8	0.826 6.3	5.569 66.1	337.4	530.7	0.970	10.168A	9.63	0.172	125.9	133.6	26.8	0.204
43060.0	44750.0	0.536 11.60	149.5 5.88	79.8 17.48	20.13 ONE	1.350 9.031	91.3 12.8	0.822 6.3	5.604 66.5	357.2	530.2	0.998	10.209A	-20.62	0.175	126.3	127.6	7.7	0.215
43070.0	44750.0	0.397 8.37	104.3 5.76	52.9 14.13	8.42 ONE	1.353 9.031	86.9 12.8	0.823 6.3	5.603 65.0	6.9	170.2	0.993D	10.214A	-8.71	0.175	126.5	130.7	14.5	0.204
43080.0	44750.0	0.404 8.52	95.5 5.75	41.6 14.27	5.39 ONE	1.354 9.031	82.4 12.8	0.826 6.3	5.591 65.0	16.9	170.4	0.974D	10.207A	-5.46	0.174	126.6	131.3	16.7	0.203
43090.0	44750.0	0.445 9.45	91.0 5.76	35.6 15.22	4.05 ONE	1.356 9.031	77.7 12.8	0.831 6.3	5.566 65.5	27.2	170.7	0.941D	10.190A	-3.89	0.171	126.8	131.2	17.9	0.204
43100.0	44750.0	0.506 10.87	89.5 5.79	32.0 16.65	3.32 ONE	1.357 9.031	72.9 12.8	0.838 6.3	5.530 66.2	37.7	171.1	0.895D	10.165A	-2.92	0.168	127.0	130.6	18.8	0.206
43110.0	44750.0	0.578 12.64	90.3 5.82	29.7 18.46	2.88 ONE	1.358 9.031	68.0 12.8	0.848 6.3	5.484 67.1	48.3	171.6	0.835D	10.133A	-2.22	0.163	127.4	129.8	19.6	0.209
ARRIVAL DATE = 2444800.0																			
43000.0	44800.0	0.636 14.13	119.2 5.76	15.0 19.90	-3.02 TWO	1.336 9.836	117.2 14.3	0.853 7.0	5.340 73.8	300.5	533.9	0.784	9.896A	1.23	0.146	120.8	125.3	23.0	0.204
43010.0	44800.0	0.570 12.46	121.7 5.74	12.5 18.19	-3.50 TWO	1.338 9.836	113.0 14.3	0.844 7.0	5.392 72.2	309.4	533.3	0.843	9.941A	1.96	0.152	121.4	127.1	23.0	0.202
43020.0	44800.0	0.510 10.98	122.6 5.72	9.0 16.70	-4.32 TWO	1.340 9.836	108.8 14.3	0.836 7.0	5.439 70.8	318.4	532.6	0.894	9.984A	3.00	0.158	122.0	128.8	23.4	0.200
43030.0	44800.0	0.461 9.82	121.6 5.70	3.2 15.52	-5.84 TWO	1.343 9.836	104.7 14.3	0.829 7.0	5.479 69.7	327.6	532.1	0.936	10.021A	4.75	0.162	122.4	130.4	24.3	0.198
43040.0	44800.0	0.442 9.37	117.8 5.71	-9.1 15.08	-9.47 TWO	1.345 9.836	100.5 14.3	0.824 7.0	5.510 69.0	336.8	531.7	0.968	10.052A	8.59	0.165	122.8	132.1	26.6	0.199
43050.0	44800.0	0.640 14.24	110.1 5.91	-47.0 20.15	-26.28 TWO	1.347 9.836	96.3 14.3	0.821 7.0	5.532 70.3	345.9	531.4	0.988	10.075A	25.61	0.167	123.1	135.2	36.5	0.217
43060.0	44800.0	0.632 14.03	218.2 5.93	81.7 19.96	26.24 ONE	1.350 9.836	91.5 14.3	0.820 7.0	5.543 70.2	356.8	531.3	0.998	10.087A	-26.70	0.168	123.3	125.0	4.9	0.219
43070.0	44800.0	0.404 8.52	106.3 5.71	55.9 14.24	9.39 ONE	1.352 9.836	87.2 14.3	0.821 7.0	5.542 68.0	6.3	171.3	0.993D	10.092A	-9.64	0.168	123.4	129.2	14.1	0.200
43080.0	44800.0	0.403 8.50	96.6 5.70	42.9 14.20	5.77 ONE	1.354 9.836	82.6 14.3	0.824 7.0	5.531 67.9	16.3	171.4	0.975D	10.086A	-5.80	0.167	123.6	129.9	16.7	0.198
43090.0	44800.0	0.442 9.37	91.9 5.71	36.3 15.08	4.24 ONE	1.355 9.836	78.0 14.3	0.829 7.0	5.508 68.4	26.5	171.7	0.943D	10.073A	-4.05	0.165	123.7	129.9	18.1	0.199
43100.0	44800.0	0.501 10.75	90.3 5.74	32.4 16.48	3.43 ONE	1.357 9.836	73.2 14.3	0.836 7.0	5.475 69.0	37.0	172.1	0.898D	10.051A	-3.00	0.161	123.9	129.4	19.0	0.201
43110.0	44800.0	0.571 12.48	91.0 5.77	30.0 18.25	2.96 ONE	1.358 9.836	68.3 14.3	0.845 7.0	5.432 70.0	47.6	172.6	0.840D	10.024A	-2.26	0.157	124.1	128.6	19.8	0.205

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COAST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2444850.0											
43000.0	44850.0	0.642	119.8	15.0	-2.98	1.336	117.5	0.853	5.303	299.7	534.8	0.778	9.827A	1.21	0.141	117.2	124.0	23.3	0.202
		14.26	5.74	20.00	TWO	10.465	15.8	7.8	76.7										
43010.0	44850.0	0.575	122.3	12.6	-3.42	1.338	113.3	0.843	5.352	308.7	534.2	0.838	9.865A	1.91	0.147	118.0	125.8	23.4	0.199
		12.57	5.71	18.27	TWO	10.465	15.8	7.8	75.1										
43020.0	44850.0	0.514	123.4	9.3	-4.17	1.340	109.1	0.835	5.396	317.7	533.6	0.890	9.901A	2.88	0.152	118.7	127.4	23.7	0.196
		11.07	5.68	16.75	TWO	10.465	15.8	7.8	73.7										
43030.0	44850.0	0.463	122.4	4.1	-5.53	1.342	105.0	0.828	5.433	326.9	533.1	0.933	9.933A	4.47	0.156	119.2	129.0	24.5	0.195
		9.86	5.67	15.52	TWO	10.465	15.8	7.8	72.6										
43040.0	44850.0	0.437	118.9	-6.6	-8.60	1.345	100.7	0.823	5.462	336.2	532.7	0.966	9.959A	7.75	0.159	119.6	130.6	26.5	0.195
		9.25	5.67	14.92	TWO	10.465	15.8	7.8	71.8										
43050.0	44850.0	0.550	111.4	-37.1	-20.42	1.347	96.6	0.820	5.483	345.4	532.4	0.987	9.978A	19.78	0.161	120.0	133.4	33.9	0.206
		11.94	5.78	17.72	TWO	10.465	15.8	7.8	72.2										
43070.0	44850.0	0.414	108.7	59.5	10.59	1.351	87.4	0.819	5.494	5.7	172.3	0.994D	9.993A	-10.80	0.162	120.3	127.7	13.6	0.196
		8.75	5.68	14.44	ONE	10.465	15.8	7.8	70.9										
43080.0	44850.0	0.402	97.9	44.4	6.19	1.353	82.9	0.822	5.483	15.6	172.4	0.977D	9.989A	-6.18	0.161	120.5	128.6	16.7	0.195
		8.49	5.66	14.15	ONE	10.465	15.8	7.8	70.8										
43090.0	44850.0	0.438	92.9	37.0	4.46	1.355	78.3	0.827	5.462	25.9	172.6	0.946D	9.978A	-4.22	0.159	120.5	128.6	18.3	0.195
		9.29	5.67	14.96	ONE	10.465	15.8	7.8	71.2										
43100.0	44850.0	0.495	91.2	32.8	3.56	1.356	73.6	0.834	5.431	36.2	173.0	0.902D	9.960A	-3.09	0.156	120.6	128.2	19.3	0.198
		10.62	5.69	16.32	ONE	10.465	15.8	7.8	71.8										
43110.0	44850.0	0.565	91.8	30.3	3.04	1.357	68.7	0.843	5.391	46.8	173.4	0.844D	9.938A	-2.31	0.151	120.8	127.5	20.1	0.201
		12.33	5.73	18.05	ONE	10.465	15.8	7.8	72.7										
43120.0	44850.0	0.643	94.1	28.6	2.73	1.358	63.7	0.855	5.344	57.5	174.0	0.775D	9.912A	-1.71	0.146	121.0	126.5	20.8	0.205
		14.31	5.77	20.08	ONE	10.465	15.8	7.8	73.8										
								ARRIVAL DATE = 2444900.0											
43000.0	44900.0	0.647	120.4	15.0	-2.93	1.335	117.9	0.854	5.274	298.9	535.6	0.773	9.776A	1.19	0.136	113.5	122.8	23.6	0.200
		14.41	5.72	20.13	TWO	10.576	17.3	8.5	79.5										
43010.0	44900.0	0.580	123.0	12.7	-3.35	1.337	113.7	0.843	5.320	307.9	535.0	0.833	9.807A	1.85	0.142	114.5	124.5	23.6	0.196
		12.69	5.68	18.37	TWO	10.576	17.3	8.5	77.9										
43020.0	44900.0	0.518	124.1	9.6	-4.03	1.340	109.5	0.835	5.361	317.0	534.5	0.886	9.836A	2.77	0.147	115.3	126.2	23.9	0.194
		11.16	5.65	16.81	TWO	10.576	17.3	8.5	76.6										
43030.0	44900.0	0.465	123.4	4.8	-5.26	1.342	105.3	0.828	5.397	326.2	534.0	0.930	9.863A	4.23	0.151	115.9	127.7	24.7	0.192
		9.91	5.64	15.55	TWO	10.576	17.3	8.5	75.5										
43040.0	44900.0	0.434	120.0	-4.6	-7.89	1.344	101.0	0.822	5.424	335.5	533.7	0.964	9.885A	7.07	0.154	116.4	129.2	26.5	0.192
		9.19	5.63	14.82	TWO	10.576	17.3	8.5	74.6										
43050.0	44900.0	0.498	113.0	-29.5	-16.68	1.346	96.8	0.819	5.444	344.8	533.4	0.986	9.902A	16.08	0.156	116.8	131.6	32.3	0.198
		10.68	5.70	16.38	TWO	10.576	17.3	8.5	74.6										
43070.0	44900.0	0.430	111.8	63.7	12.10	1.351	87.7	0.818	5.455	5.0	173.2	0.994D	9.915A	-12.27	0.157	117.2	126.2	12.8	0.194
		9.10	5.66	14.76	ONE	10.576	17.3	8.5	73.8										
43080.0	44900.0	0.402	99.4	46.0	6.67	1.353	83.3	0.820	5.445	14.9	173.3	0.978D	9.912A	-6.63	0.156	117.3	127.3	16.7	0.191
		8.49	5.63	14.12	ONE	10.576	17.3	8.5	73.6										
43090.0	44900.0	0.435	94.0	37.9	4.69	1.354	78.7	0.825	5.426	25.1	173.5	0.948D	9.903A	-4.42	0.154	117.3	127.4	18.4	0.192
		9.21	5.64	14.85	ONE	10.576	17.3	8.5	74.0										
43100.0	44900.0	0.490	92.1	33.3	3.69	1.356	73.9	0.832	5.397	35.5	173.8	0.905D	9.888A	-3.19	0.151	117.4	127.0	19.5	0.194
		10.50	5.66	16.16	ONE	10.576	17.3	8.5	74.6										
43110.0	44900.0	0.559	92.5	30.5	3.13	1.357	69.1	0.842	5.359	46.0	174.3	0.849D	9.870A	-2.36	0.146	117.4	126.4	20.3	0.197
		12.17	5.69	17.86	ONE	10.576	17.3	8.5	75.4										
43120.0	44900.0	0.636	94.8	28.7	2.78	1.357	64.2	0.853	5.315	56.6	174.7	0.781D	9.848A	-1.74	0.141	117.4	125.5	21.0	0.201
		14.13	5.73	19.86	ONE	10.576	17.3	8.5	76.4										
								ARRIVAL DATE = 2444950.0											
43010.0	44950.0	0.585	123.7	12.8	-3.28	1.337	114.0	0.844	5.296	307.1	535.9	0.828	9.763A	1.81	0.137	110.9	123.3	23.9	0.195
		12.82	5.66	18.49	TWO	10.099	18.8	9.2	80.7										
43020.0	44950.0	0.522	124.9	9.9	-3.91	1.339	109.8	0.835	5.335	316.2	535.4	0.882	9.787A	2.68	0.142	111.9	124.9	24.2	0.192
		11.27	5.63	16.90	TWO	10.099	18.8	9.2	79.4										
43030.0	44950.0	0.468	124.3	5.4	-5.01	1.341	105.6	0.827	5.368	325.4	534.9	0.927	9.809A	4.01	0.146	112.6	126.4	24.9	0.190
		9.97	5.61	15.59	TWO	10.099	18.8	9.2	78.3										
43040.0	44950.0	0.432	121.2	-2.9	-7.29	1.344	101.4	0.822	5.395	334.8	534.6	0.961	9.828A	6.51	0.149	113.2	127.9	26.4	0.189
		9.15	5.61	14.76	TWO	10.099	18.8	9.2	77.4										
43050.0	44950.0	0.466	114.5	-23.6	-14.10	1.346	97.1	0.818	5.413	344.1	534.3	0.985	9.842A	13.53	0.152	113.6	130.0	31.1	0.193
		9.92	5.65	15.57	TWO	10.099	18.8	9.2	77.1										
43070.0	44950.0	0.452	116.4	68.7	14.07	1.350	88.1	0.817	5.424	4.3	174.1	0.995D	9.854A	-14.21	0.153	114.0	124.6	11.8	0.193
		9.62	5.65	15.27	ONE	10.099	18.8	9.2	76.7										

DEPART	ARRIVE	SPEED	R A	DECL	I 1	V 1	PSI 1	ECCEN	SMA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
		DV1	DV2	DVT	LEG	COAST	RAS	DECLS	LAMDA										
43080.0	44950.0	0.403	100.9	47.9	7.22	1.352	83.6	0.819	5.416	14.2	174.2	0.9800	9.852A	-7.15	0.152	114.1	126.1	16.6	0.189
		8.51	5.61	14.12	ONE	10.099	18.8	9.2	76.4										
43090.0	44950.0	0.432	95.2	38.8	4.94	1.354	79.0	0.824	5.398	24.3	174.4	0.9510	9.844A	-4.64	0.150	114.1	126.3	18.5	0.189
		9.14	5.61	14.75	ONE	10.099	18.8	9.2	76.7										
43100.0	44950.0	0.485	93.0	33.8	3.84	1.355	74.3	0.831	5.371	34.7	174.7	0.9090	9.833A	-3.30	0.147	114.0	125.9	19.6	0.191
		10.38	5.63	16.01	ONE	10.099	18.8	9.2	77.3										
43110.0	44950.0	0.553	93.4	30.8	3.21	1.356	69.5	0.840	5.336	45.1	175.0	0.8540	9.817A	-2.42	0.142	114.0	125.3	20.5	0.195
		12.01	5.66	17.68	ONE	10.099	18.8	9.2	78.1										
43120.0	44950.0	0.629	95.5	28.9	2.84	1.357	64.6	0.851	5.294	55.7	175.5	0.7870	9.800A	-1.77	0.137	113.9	124.5	21.2	0.199
		13.94	5.71	19.64	ONE	10.099	18.8	9.2	79.0										
ARRIVAL DATE = 2445000.0																			
43010.0	45000.0	0.591	124.4	12.9	-3.21	1.337	114.4	0.844	5.277	306.2	536.7	0.823	9.732A	1.76	0.134	107.3	122.2	24.1	0.193
		12.97	5.65	18.62	TWO	9.300	20.3	9.9	83.4										
43020.0	45000.0	0.527	125.7	10.1	-3.79	1.339	110.2	0.835	5.315	315.4	536.2	0.877	9.752A	2.59	0.139	108.4	123.8	24.4	0.190
		11.38	5.62	17.00	TWO	9.300	20.3	9.9	82.1										
43030.0	45000.0	0.471	125.3	5.9	-4.79	1.341	106.0	0.827	5.346	324.6	535.8	0.923	9.770A	3.82	0.143	109.2	125.2	25.0	0.188
		10.05	5.60	15.65	TWO	9.300	20.3	9.9	81.0										
43040.0	45000.0	0.432	122.4	-1.5	-6.78	1.343	101.7	0.822	5.372	334.0	535.4	0.959	9.785A	6.03	0.146	109.9	126.6	26.4	0.187
		9.15	5.59	14.73	TWO	9.300	20.3	9.9	80.1										
43050.0	45000.0	0.445	116.1	-18.8	-12.22	1.346	97.5	0.818	5.390	343.4	535.2	0.983	9.797A	11.69	0.148	110.4	128.5	30.2	0.189
		9.45	5.61	15.06	TWO	9.300	20.3	9.9	79.7										
43070.0	45000.0	0.487	124.4	74.7	16.76	1.350	88.4	0.816	5.401	3.6	175.0	0.9950	9.807A	-16.86	0.149	110.8	123.1	10.3	0.194
		10.43	5.66	16.09	ONE	9.300	20.3	9.9	79.5										
43080.0	45000.0	0.406	102.7	50.0	7.87	1.352	84.0	0.818	5.393	13.4	175.1	0.9810	9.805A	-7.76	0.148	110.9	124.9	16.4	0.187
		8.56	5.59	14.15	ONE	9.300	20.3	9.9	79.1										
43090.0	45000.0	0.429	96.5	39.7	5.22	1.354	79.4	0.823	5.377	23.5	175.2	0.9540	9.800A	-4.88	0.146	110.8	125.2	18.5	0.187
		9.07	5.59	14.66	ONE	9.300	20.3	9.9	79.4										
43100.0	45000.0	0.480	94.1	34.3	3.99	1.355	74.7	0.829	5.351	33.8	175.5	0.9130	9.790A	-3.41	0.143	110.7	124.9	19.8	0.189
		10.26	5.61	15.87	ONE	9.300	20.3	9.9	79.9										
43110.0	45000.0	0.546	94.2	31.1	3.31	1.356	69.9	0.838	5.318	44.2	175.8	0.8590	9.778A	-2.48	0.139	110.5	124.4	20.7	0.192
		11.86	5.64	17.50	ONE	9.300	20.3	9.9	80.6										
43120.0	45000.0	0.621	96.3	29.1	2.90	1.357	65.0	0.850	5.279	54.8	176.2	0.7940	9.764A	-1.80	0.134	110.3	123.6	21.4	0.196
		13.75	5.68	19.43	ONE	9.300	20.3	9.9	81.5										
ARRIVAL DATE = 2445050.0																			
43010.0	45050.0	0.597	125.1	13.0	-3.15	1.337	114.8	0.845	5.264	305.4	537.4	0.817	9.712A	1.72	0.131	103.7	121.2	24.3	0.193
		13.12	5.65	18.77	TWO	8.718	21.8	10.5	85.9										
43020.0	45050.0	0.532	126.6	10.3	-3.68	1.339	110.6	0.835	5.300	314.6	537.0	0.873	9.727A	2.50	0.136	104.9	122.7	24.6	0.189
		11.51	5.61	17.12	TWO	8.718	21.8	10.5	84.7										
43030.0	45050.0	0.475	126.3	6.4	-4.59	1.341	106.3	0.828	5.330	323.8	536.6	0.919	9.741A	3.65	0.140	105.9	124.1	25.2	0.187
		10.14	5.58	15.73	TWO	8.718	21.8	10.5	83.6										
43040.0	45050.0	0.433	123.6	-0.2	-6.35	1.343	102.1	0.821	5.355	333.2	536.3	0.956	9.754A	5.63	0.143	106.6	125.5	26.4	0.185
		9.17	5.57	14.74	TWO	8.718	21.8	10.5	82.8										
43050.0	45050.0	0.432	117.7	-15.0	-10.79	1.345	97.8	0.817	5.372	342.6	536.0	0.981	9.764A	10.29	0.145	107.1	127.1	29.6	0.187
		9.15	5.58	14.74	TWO	8.718	21.8	10.5	82.2										
43070.0	45050.0	0.543	146.4	81.4	20.61	1.350	88.7	0.815	5.384	2.9	175.8	0.9950	9.772A	-20.68	0.146	107.6	121.5	8.2	0.197
		11.78	5.69	17.47	ONE	8.718	21.8	10.5	82.2										
43080.0	45050.0	0.409	104.7	52.5	8.63	1.352	84.3	0.817	5.377	12.6	175.9	0.9830	9.771A	-8.49	0.145	107.7	123.7	16.0	0.186
		8.64	5.57	14.22	ONE	8.718	21.8	10.5	81.7										
43090.0	45050.0	0.426	97.9	40.8	5.53	1.354	79.8	0.822	5.362	22.7	176.0	0.9560	9.767A	-5.16	0.143	107.6	124.1	18.6	0.185
		9.01	5.57	14.58	ONE	8.718	21.8	10.5	81.9										
43100.0	45050.0	0.475	95.2	34.9	4.15	1.355	75.1	0.828	5.338	33.0	176.2	0.9160	9.760A	-3.54	0.140	107.4	124.0	19.9	0.187
		10.14	5.59	15.73	ONE	8.718	21.8	10.5	82.4										
43110.0	45050.0	0.540	95.2	31.4	3.40	1.356	70.3	0.837	5.307	43.3	176.5	0.8640	9.750A	-2.54	0.137	107.1	123.5	20.8	0.190
		11.70	5.62	17.32	ONE	8.718	21.8	10.5	83.1										
43120.0	45050.0	0.614	97.1	29.3	2.96	1.357	65.5	0.848	5.269	53.8	176.9	0.8000	9.739A	-1.83	0.131	106.8	122.8	21.6	0.195
		13.56	5.66	19.22	ONE	8.718	21.8	10.5	83.9										
ARRIVAL DATE = 2445100.0																			
43010.0	45100.0	0.603	125.8	13.0	-3.09	1.337	115.3	0.846	5.256	304.5	538.1	0.811	9.702A	1.69	0.128	100.1	120.3	24.5	0.193
		13.29	5.64	18.93	TWO	8.807	23.3	11.2	88.4										
43020.0	45100.0	0.538	127.4	10.4	-3.58	1.339	111.0	0.836	5.290	313.7	537.7	0.867	9.713A	2.43	0.133	101.5	121.8	24.7	0.189
		11.65	5.60	17.25	TWO	8.807	23.3	11.2	87.2										
43030.0	45100.0	0.479	127.3	6.8	-4.41	1.341	106.7	0.828	5.319	323.0	537.3	0.915	9.724A	3.50	0.137	102.5	123.1	25.3	0.186
		10.24	5.58	15.82	TWO	8.807	23.3	11.2	86.1										

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43040.0	45100.0	0.435	124.8	0.8	-5.96	1.343	102.4	0.822	5.343	332.4	537.0	0.953	9.733A	5.28	0.140	103.3	124.4	26.4	0.184
		9.21	5.56	14.77	TWO	8.807	23.3	11.2	85.3										
43050.0	45100.0	0.424	119.2	-11.8	-9.67	1.345	98.2	0.817	5.360	341.8	536.8	0.979	9.741A	9.20	0.142	103.9	125.9	29.1	0.185
		8.96	5.57	14.53	TWO	8.807	23.3	11.2	84.7										
43060.0	45100.0	0.644	107.5	-49.5	-26.86	1.348	94.0	0.815	5.370	351.1	536.6	0.994	9.746A	26.61	0.143	104.3	129.6	39.5	0.205
		14.32	5.77	20.09	TWO	8.807	23.3	11.2	84.9										
43070.0	45100.0	0.638	227.7	83.2	26.53	1.350	89.0	0.815	5.372	2.2	176.6	0.996D	9.748A	-26.57	0.144	104.5	119.8	5.3	0.205
		14.16	5.77	19.93	ONE	8.807	23.3	11.2	84.8										
43080.0	45100.0	0.415	107.0	55.3	9.55	1.352	84.7	0.817	5.366	11.8	176.6	0.984D	9.748A	-9.37	0.143	104.5	122.7	15.6	0.185
		8.77	5.57	14.34	ONE	8.807	23.3	11.2	84.2										
43090.0	45100.0	0.424	99.3	42.0	5.87	1.353	80.2	0.821	5.352	21.8	176.8	0.959D	9.744A	-5.47	0.141	104.4	123.2	18.5	0.184
		8.96	5.56	14.52	ONE	8.807	23.3	11.2	84.4										
43100.0	45100.0	0.470	96.3	35.5	4.33	1.355	75.5	0.827	5.330	32.1	177.0	0.920D	9.739A	-3.68	0.138	104.2	123.1	20.0	0.186
		10.02	5.58	15.60	ONE	8.807	23.3	11.2	84.9										
43110.0	45100.0	0.533	96.1	31.8	3.51	1.356	70.8	0.836	5.300	42.4	177.2	0.869D	9.731A	-2.61	0.134	103.8	122.7	21.0	0.189
		11.54	5.61	17.15	ONE	8.807	23.3	11.2	85.5										
43120.0	45100.0	0.607	97.9	29.4	3.02	1.357	65.9	0.847	5.265	52.8	177.5	0.806D	9.723A	-1.86	0.130	103.3	122.0	21.7	0.193
		13.37	5.65	19.02	ONE	8.807	23.3	11.2	86.2										

ARRIVAL DATE = 2445150.0

43010.0	45150.0	0.610	126.6	13.0	-3.03	1.336	115.7	0.847	5.252	303.5	538.8	0.804	9.700A	1.65	0.127	96.6	119.5	24.6	0.193
		13.46	5.64	19.11	TWO	9.485	24.9	11.9	90.7										
43020.0	45150.0	0.544	128.3	10.6	-3.48	1.338	111.4	0.837	5.285	312.8	538.4	0.862	9.707A	2.36	0.131	98.1	120.9	24.9	0.189
		11.79	5.60	17.40	TWO	9.485	24.9	11.9	89.6										
43030.0	45150.0	0.484	128.3	7.2	-4.24	1.341	107.1	0.829	5.313	322.1	538.1	0.911	9.715A	3.36	0.135	99.2	122.2	25.4	0.186
		10.36	5.57	15.93	TWO	9.485	24.9	11.9	88.6										
43040.0	45150.0	0.437	126.1	1.7	-5.63	1.343	102.8	0.822	5.336	331.5	537.8	0.950	9.722A	4.98	0.138	100.1	123.4	26.4	0.184
		9.26	5.55	14.81	TWO	9.485	24.9	11.9	87.8										
43050.0	45150.0	0.418	120.8	-9.2	-8.76	1.345	98.5	0.817	5.352	341.0	537.6	0.977	9.728A	8.33	0.140	100.8	124.8	28.8	0.184
		8.84	5.55	14.39	TWO	9.485	24.9	11.9	87.2										
43060.0	45150.0	0.549	110.5	-39.7	-20.89	1.347	94.3	0.815	5.362	350.4	537.4	0.993	9.732A	20.67	0.141	101.2	127.8	36.6	0.195
		11.92	5.67	17.59	TWO	9.485	24.9	11.9	86.9										
43080.0	45150.0	0.424	109.6	58.7	10.68	1.352	85.1	0.816	5.359	10.9	177.4	0.985D	9.733A	-10.46	0.141	101.4	121.7	15.0	0.185
		8.97	5.56	14.53	ONE	9.485	24.9	11.9	86.6										
43090.0	45150.0	0.422	100.9	43.3	6.26	1.353	80.6	0.820	5.346	20.9	177.5	0.961D	9.731A	-5.82	0.139	101.3	122.3	18.4	0.183
		8.92	5.55	14.47	ONE	9.485	24.9	11.9	86.8										
43100.0	45150.0	0.465	97.6	36.1	4.51	1.355	75.9	0.826	5.325	31.1	177.7	0.924D	9.727A	-3.84	0.137	101.0	122.3	20.0	0.185
		9.91	5.57	15.48	ONE	9.485	24.9	11.9	87.2										
43110.0	45150.0	0.527	97.1	32.1	3.61	1.356	71.2	0.835	5.298	41.5	177.9	0.874D	9.722A	-2.69	0.133	100.5	121.9	21.1	0.188
		11.38	5.60	16.98	ONE	9.485	24.9	11.9	87.8										
43120.0	45150.0	0.599	98.8	29.6	3.09	1.357	66.4	0.846	5.264	51.9	178.2	0.812D	9.715A	-1.90	0.128	99.9	121.4	21.8	0.192
		13.18	5.64	18.82	ONE	9.485	24.9	11.9	88.5										

ARRIVAL DATE = 2445200.0

43010.0	45200.0	0.618	127.3	13.1	-2.97	1.336	116.2	0.848	5.251	302.5	539.4	0.797	9.705A	1.62	0.125	93.1	118.9	24.7	0.193
		13.65	5.65	19.30	TWO	10.270	26.4	12.5	93.0										
43020.0	45200.0	0.550	129.1	10.7	-3.39	1.338	111.8	0.838	5.283	311.8	539.1	0.856	9.709A	2.30	0.130	94.7	120.2	25.0	0.189
		11.95	5.61	17.56	TWO	10.270	26.4	12.5	91.9										
43030.0	45200.0	0.489	129.3	7.5	-4.08	1.341	107.5	0.829	5.310	321.2	538.8	0.906	9.714A	3.23	0.133	96.0	121.4	25.5	0.186
		10.48	5.57	16.05	TWO	10.270	26.4	12.5	90.9										
43040.0	45200.0	0.440	127.3	2.5	-5.33	1.343	103.2	0.823	5.332	330.6	538.5	0.946	9.718A	4.71	0.136	96.9	122.6	26.4	0.183
		9.33	5.55	14.88	TWO	10.270	26.4	12.5	90.1										
43050.0	45200.0	0.415	122.4	-7.0	-8.01	1.345	98.9	0.818	5.349	340.1	538.3	0.975	9.722A	7.61	0.138	97.7	123.9	28.4	0.183
		8.77	5.55	14.31	TWO	10.270	26.4	12.5	89.5										
43060.0	45200.0	0.494	113.0	-32.0	-17.04	1.347	94.7	0.815	5.358	349.6	538.1	0.992	9.725A	16.86	0.140	98.1	126.3	34.6	0.190
		10.58	5.62	16.19	TWO	10.270	26.4	12.5	89.1										
43080.0	45200.0	0.437	112.9	62.6	12.10	1.352	85.5	0.816	5.357	10.1	178.1	0.986D	9.727A	-11.84	0.139	98.4	120.7	14.2	0.185
		9.27	5.57	14.84	ONE	10.270	26.4	12.5	88.9										
43090.0	45200.0	0.420	102.6	44.8	6.70	1.353	81.0	0.820	5.344	20.0	178.2	0.964D	9.725A	-6.23	0.138	98.2	121.5	18.3	0.183
		8.89	5.55	14.43	ONE	10.270	26.4	12.5	89.1										
43100.0	45200.0	0.460	98.9	36.8	4.72	1.355	76.4	0.826	5.325	30.2	178.3	0.928D	9.722A	-4.01	0.135	97.9	121.6	20.1	0.184
		9.80	5.56	15.36	ONE	10.270	26.4	12.5	89.5										
43110.0	45200.0	0.521	98.2	32.5	3.73	1.356	71.7	0.834	5.299	40.5	178.5	0.879D	9.719A	-2.77	0.132	97.3	121.3	21.1	0.187
		11.23	5.59	16.82	ONE	10.270	26.4	12.5	90.0										
43120.0	45200.0	0.592	99.7	29.8	3.16	1.357	66.9	0.845	5.267	50.8	178.8	0.819D	9.715A	-1.94	0.128	96.6	120.8	21.9	0.191
		12.99	5.63	18.62	ONE	10.270	26.4	12.5	90.6										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2445250.0											
43010.0	45250.0	0.625	128.1	13.1	-2.92	1.336	116.6	0.850	5.254	301.5	540.1	0.790	9.717	1.59	0.124	89.7	118.3	24.8	0.194
		13.84	5.66	19.50	TWO	10.698	27.9	13.2	95.1										
43020.0	45250.0	0.557	130.0	10.8	-3.30	1.338	112.3	0.839	5.284	310.8	539.7	0.850	9.718A	2.24	0.129	91.4	119.5	25.1	0.189
		12.12	5.61	17.73	TWO	10.698	27.9	13.2	94.1										
43030.0	45250.0	0.495	130.4	7.7	-3.94	1.341	108.0	0.830	5.311	320.2	539.4	0.901	9.720A	3.12	0.132	92.8	120.7	25.5	0.186
		10.61	5.58	16.18	TWO	10.698	27.9	13.2	93.2										
43040.0	45250.0	0.443	128.6	3.2	-5.06	1.343	103.7	0.823	5.332	329.7	539.2	0.942	9.722A	4.47	0.135	93.8	121.8	26.4	0.183
		9.41	5.55	14.96	TWO	10.698	27.9	13.2	92.4										
43050.0	45250.0	0.414	124.0	-5.2	-7.38	1.345	99.3	0.818	5.348	339.2	539.0	0.972	9.724A	7.01	0.137	94.6	123.0	28.2	0.182
		8.74	5.54	14.28	TWO	10.698	27.9	13.2	91.8										
43060.0	45250.0	0.459	115.3	-26.0	-14.36	1.347	95.0	0.815	5.358	348.8	538.8	0.990	9.726A	14.22	0.139	95.1	125.0	33.1	0.187
		9.77	5.59	15.36	TWO	10.698	27.9	13.2	91.3										
43080.0	45250.0	0.457	117.3	67.3	13.93	1.352	85.9	0.816	5.357	9.2	178.8	0.988D	9.727A	-13.64	0.138	95.4	119.8	13.1	0.186
		9.73	5.58	15.31	ONE	10.698	27.9	13.2	91.1										
43090.0	45250.0	0.420	104.5	46.5	7.21	1.353	81.4	0.819	5.346	19.1	178.8	0.966D	9.726A	-6.70	0.137	95.2	120.8	18.1	0.183
		8.88	5.54	14.42	ONE	10.698	27.9	13.2	91.3										
43100.0	45250.0	0.456	100.2	37.6	4.94	1.355	76.8	0.825	5.328	29.2	179.0	0.932D	9.725A	-4.20	0.135	94.8	121.0	20.0	0.184
		9.69	5.56	15.25	ONE	10.698	27.9	13.2	91.7										
43110.0	45250.0	0.514	99.3	32.9	3.85	1.356	72.1	0.833	5.303	39.5	179.2	0.884D	9.723A	-2.87	0.131	94.2	120.7	21.2	0.187
		11.07	5.58	16.66	ONE	10.698	27.9	13.2	92.1										
43120.0	45250.0	0.584	100.6	30.0	3.23	1.357	67.3	0.844	5.273	49.8	179.4	0.825D	9.721A	-1.99	0.127	93.4	120.3	22.0	0.191
		12.80	5.63	18.43	ONE	10.698	27.9	13.2	92.7										
								ARRIVAL DATE = 2445300.0											
43010.0	45300.0	0.633	128.9	13.1	-2.87	1.337	117.1	0.851	5.259	300.5	540.6	0.783	9.735	1.57	0.124	86.4	117.8	24.9	0.195
		14.04	5.67	19.71	TWO	10.535	29.4	13.8	97.2										
43020.0	45300.0	0.564	130.9	10.8	-3.22	1.339	112.8	0.840	5.288	309.8	540.3	0.844	9.732	2.19	0.128	88.2	119.0	25.1	0.190
		12.29	5.62	17.91	TWO	10.535	29.4	13.8	96.2										
43030.0	45300.0	0.501	131.4	8.0	-3.80	1.341	108.4	0.831	5.314	319.2	540.1	0.896	9.732	3.02	0.132	89.7	120.1	25.6	0.186
		10.75	5.58	16.33	TWO	10.535	29.4	13.8	95.3										
43040.0	45300.0	0.448	129.9	3.8	-4.82	1.343	104.1	0.824	5.335	328.7	539.8	0.939	9.732A	4.26	0.134	90.8	121.2	26.4	0.184
		9.50	5.55	15.06	TWO	10.535	29.4	13.8	94.5										
43050.0	45300.0	0.413	125.6	-3.7	-6.84	1.345	99.8	0.819	5.351	338.3	539.6	0.970	9.732A	6.51	0.137	91.7	122.3	27.9	0.182
		8.73	5.54	14.28	TWO	10.535	29.4	13.8	93.9										
43060.0	45300.0	0.437	117.5	-21.1	-12.41	1.347	95.5	0.816	5.361	347.9	539.5	0.989	9.733A	12.30	0.138	92.2	124.0	31.9	0.185
		9.26	5.57	14.83	TWO	10.535	29.4	13.8	93.5										
43080.0	45300.0	0.488	124.1	72.9	16.40	1.352	86.3	0.816	5.361	8.3	179.4	0.989D	9.734A	-16.07	0.138	92.5	119.0	11.7	0.189
		10.45	5.61	16.05	ONE	10.535	29.4	13.8	93.2										
43090.0	45300.0	0.420	106.5	48.4	7.79	1.353	81.8	0.819	5.351	18.1	179.5	0.969D	9.733A	-7.25	0.137	92.3	120.2	17.8	0.183
		8.89	5.55	14.43	ONE	10.535	29.4	13.8	93.4										
43100.0	45300.0	0.452	101.7	38.4	5.19	1.355	77.3	0.825	5.334	28.3	179.6	0.935D	9.733A	-4.42	0.134	91.9	120.4	20.0	0.184
		9.59	5.56	15.15	ONE	10.535	29.4	13.8	93.7										
43110.0	45300.0	0.508	100.5	33.3	3.98	1.356	72.6	0.833	5.311	38.5	179.7	0.889D	9.732A	-2.96	0.131	91.3	120.3	21.2	0.187
		10.92	5.58	16.51	ONE	10.535	29.4	13.8	94.2										
43120.0	45300.0	0.577	101.6	30.3	3.30	1.357	67.8	0.843	5.281	48.8	179.9	0.831D	9.732A	-2.04	0.127	90.4	119.9	22.0	0.191
		12.62	5.62	18.24	ONE	10.535	29.4	13.8	94.7										
								ARRIVAL DATE = 2445350.0											
43010.0	45350.0	0.641	129.7	13.1	-2.82	1.337	117.6	0.853	5.266	299.5	541.2	0.775	9.758	1.54	0.124	83.2	117.4	24.9	0.196
		14.25	5.68	19.93	TWO	9.857	30.9	14.4	99.1										
43020.0	45350.0	0.571	131.8	10.9	-3.15	1.339	113.2	0.842	5.295	308.8	540.9	0.838	9.752	2.14	0.128	85.1	118.6	25.2	0.191
		12.47	5.63	18.10	TWO	9.857	30.9	14.4	98.2										
43030.0	45350.0	0.507	132.5	8.1	-3.68	1.341	108.9	0.833	5.320	318.2	540.7	0.891	9.749	2.93	0.131	86.7	119.6	25.6	0.187
		10.90	5.59	16.48	TWO	9.857	30.9	14.4	97.3										
43040.0	45350.0	0.452	131.1	4.3	-4.60	1.343	104.5	0.825	5.341	327.7	540.4	0.934	9.747	4.08	0.134	87.9	120.6	26.3	0.184
		9.61	5.56	15.17	TWO	9.857	30.9	14.4	96.6										
43050.0	45350.0	0.414	127.1	-2.4	-6.37	1.345	100.2	0.820	5.356	337.3	540.3	0.967	9.746	6.08	0.136	88.8	121.7	27.7	0.183
		8.75	5.55	14.30	TWO	9.857	30.9	14.4	96.0										
43060.0	45350.0	0.422	119.6	-17.1	-10.92	1.348	95.9	0.816	5.366	346.9	540.1	0.987	9.746	10.84	0.137	89.4	123.1	31.0	0.184
		8.93	5.56	14.49	TWO	9.857	30.9	14.4	95.5										
43080.0	45350.0	0.537	139.2	79.5	19.89	1.352	86.7	0.816	5.368	7.4	180.1	0.990D	9.746	-19.53	0.138	89.7	118.2	9.7	0.193
		11.63	5.65	17.28	ONE	9.857	30.9	14.4	95.0										
43090.0	45350.0	0.422	108.6	50.5	8.48	1.354	82.3	0.819	5.358	17.2	180.1	0.971D	9.746	-7.90	0.136	89.5	119.7	17.4	0.183
		8.93	5.55	14.48	ONE	9.857	30.9	14.4	95.4										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43100.0	45350.0	0.447	103.2	39.3	5.46	1.355	77.7	0.824	5.342	27.3	180.2	0.939D	9.746	-4.66	0.134	89.1	120.0	19.9	0.184
		9.50	5.56	15.06	ONE	9.857	30.9	14.4	95.7										
43110.0	45350.0	0.502	101.7	33.7	4.11	1.356	73.1	0.832	5.320	37.5	180.3	0.894D	9.746	-3.07	0.131	88.4	119.9	21.2	0.187
		10.77	5.58	16.36	ONE	9.857	30.9	14.4	96.1										
43120.0	45350.0	0.569	102.6	30.5	3.38	1.357	68.3	0.842	5.293	47.7	180.5	0.838D	9.747	-2.09	0.128	87.5	119.6	22.1	0.190
		12.43	5.62	18.05	ONE	9.857	30.9	14.4	96.6										
43130.0	45350.0	0.645	105.1	28.3	2.95	1.357	63.5	0.853	5.260	58.0	180.6	0.771D	9.749	-1.38	0.123	86.3	119.1	22.7	0.195
		14.35	5.67	20.02	ONE	9.857	30.9	14.4	97.1										
ARRIVAL DATE = 2445400.0																			
43010.0	45400.0	0.649	130.5	13.1	-2.77	1.337	118.1	0.855	5.276	298.4	541.7	0.767	9.785	1.52	0.124	80.1	117.2	24.9	0.197
		14.47	5.69	20.16	TWO	9.081	32.5	15.0	100.9										
43020.0	45400.0	0.578	132.7	10.9	-3.07	1.339	113.7	0.843	5.304	307.8	541.5	0.831	9.777	2.10	0.128	82.1	118.2	25.2	0.192
		12.66	5.64	18.30	TWO	9.081	32.5	15.0	100.1										
43030.0	45400.0	0.513	133.5	8.3	-3.56	1.341	109.4	0.834	5.328	317.2	541.2	0.885	9.771	2.84	0.131	83.8	119.2	25.6	0.188
		11.05	5.60	16.65	TWO	9.081	32.5	15.0	99.3										
43040.0	45400.0	0.457	132.4	4.7	-4.39	1.343	105.0	0.826	5.349	326.7	541.0	0.930	9.767	3.91	0.134	85.1	120.2	26.3	0.185
		9.72	5.57	15.29	TWO	9.081	32.5	15.0	98.6										
43050.0	45400.0	0.416	128.7	-1.2	-5.96	1.345	100.7	0.820	5.366	336.3	540.9	0.964	9.765	5.71	0.136	86.0	121.2	27.5	0.183
		8.79	5.55	14.34	TWO	9.081	32.5	15.0	98.0										
43060.0	45400.0	0.413	121.6	-13.9	-9.74	1.348	96.3	0.817	5.374	346.0	540.7	0.985	9.763	9.70	0.137	86.7	122.5	30.3	0.184
		8.72	5.56	14.28	TWO	9.081	32.5	15.0	97.5										
43080.0	45400.0	0.619	202.0	84.5	25.15	1.352	87.1	0.816	5.376	6.5	180.7	0.990D	9.762	-24.76	0.138	87.0	117.4	6.9	0.201
		13.68	5.73	19.41	ONE	9.081	32.5	15.0	96.6										
43090.0	45400.0	0.426	111.1	53.0	9.30	1.354	82.7	0.819	5.368	16.2	180.7	0.973D	9.763	-8.69	0.137	86.9	119.2	17.0	0.184
		9.01	5.56	14.57	ONE	9.081	32.5	15.0	97.3										
43100.0	45400.0	0.444	104.8	40.3	5.76	1.355	78.2	0.824	5.353	26.2	180.8	0.942D	9.764	-4.93	0.135	86.4	119.6	19.8	0.184
		9.41	5.56	14.97	ONE	9.081	32.5	15.0	97.6										
43110.0	45400.0	0.496	102.9	34.2	4.26	1.356	73.5	0.831	5.332	36.4	180.9	0.899D	9.765	-3.19	0.132	85.7	119.6	21.2	0.187
		10.63	5.58	16.21	ONE	9.081	32.5	15.0	98.0										
43120.0	45400.0	0.562	103.6	30.7	3.46	1.357	68.8	0.841	5.306	46.7	181.0	0.844D	9.767	-2.14	0.128	84.7	119.3	22.1	0.191
		12.24	5.62	17.87	ONE	9.081	32.5	15.0	98.4										
43130.0	45400.0	0.636	106.0	28.4	2.99	1.358	64.0	0.852	5.274	57.0	181.1	0.778D	9.771	-1.41	0.124	83.4	119.0	22.7	0.195
		14.13	5.67	19.80	ONE	9.081	32.5	15.0	98.9										
ARRIVAL DATE = 2445450.0																			
43020.0	45450.0	0.586	133.6	10.9	-3.00	1.339	114.2	0.845	5.315	306.7	542.0	0.824	9.806	2.05	0.128	79.3	118.0	25.2	0.194
		12.86	5.65	18.51	TWO	8.770	34.0	15.6	101.8										
43030.0	45450.0	0.520	134.6	8.4	-3.45	1.341	109.8	0.835	5.339	316.2	541.8	0.880	9.798	2.76	0.132	81.0	119.0	25.6	0.189
		11.22	5.61	16.83	TWO	8.770	34.0	15.6	101.1										
43040.0	45450.0	0.462	133.7	5.1	-4.21	1.343	105.5	0.827	5.359	325.7	541.6	0.926	9.792	3.76	0.134	82.3	119.9	26.2	0.186
		9.84	5.58	15.42	TWO	8.770	34.0	15.6	100.4										
43050.0	45450.0	0.419	130.3	-0.3	-5.61	1.346	101.1	0.821	5.374	335.3	541.5	0.960	9.788	5.38	0.136	83.4	120.8	27.3	0.184
		8.85	5.56	14.41	TWO	8.770	34.0	15.6	99.9										
43060.0	45450.0	0.407	123.6	-11.1	-8.79	1.348	96.8	0.817	5.384	345.0	541.3	0.984	9.785	8.78	0.138	84.0	121.9	29.7	0.184
		8.58	5.56	14.14	TWO	8.770	34.0	15.6	99.4										
43070.0	45450.0	0.556	110.3	-41.7	-21.51	1.350	92.5	0.816	5.389	354.5	541.3	0.994	9.784	21.72	0.138	84.4	125.2	37.7	0.197
		12.10	5.69	17.79	TWO	8.770	34.0	15.6	98.5										
43090.0	45450.0	0.432	113.8	56.0	10.31	1.354	83.2	0.819	5.380	15.2	181.3	0.975D	9.784	-9.66	0.137	84.3	118.8	16.4	0.185
		9.15	5.57	14.72	ONE	8.770	34.0	15.6	99.1										
43100.0	45450.0	0.440	106.5	41.4	6.10	1.355	78.6	0.824	5.366	25.2	181.3	0.946D	9.785	-5.24	0.135	83.8	119.3	19.6	0.185
		9.34	5.56	14.90	ONE	8.770	34.0	15.6	99.4										
43110.0	45450.0	0.490	104.2	34.7	4.42	1.357	74.0	0.831	5.346	35.4	181.4	0.904D	9.788	-3.32	0.133	83.1	119.4	21.1	0.187
		10.48	5.59	16.07	ONE	8.770	34.0	15.6	99.8										
43120.0	45450.0	0.554	104.7	31.0	3.55	1.357	69.3	0.840	5.321	45.6	181.5	0.850D	9.791	-2.20	0.129	82.1	119.2	22.1	0.191
		12.06	5.62	17.69	ONE	8.770	34.0	15.6	100.2										
43130.0	45450.0	0.628	106.9	28.5	3.04	1.358	64.5	0.852	5.291	55.8	181.6	0.785D	9.796	-1.43	0.125	80.7	118.9	22.7	0.196
		13.92	5.67	19.59	ONE	8.770	34.0	15.6	100.6										
ARRIVAL DATE = 2445500.0																			
43020.0	45500.0	0.594	134.5	10.9	-2.93	1.339	114.7	0.847	5.327	305.6	542.5	0.816	9.838	2.02	0.129	76.5	117.9	25.2	0.199
		13.06	5.67	18.73	TWO	9.163	35.5	16.2	103.5										
43030.0	45500.0	0.527	135.6	8.5	-3.35	1.341	110.3	0.837	5.351	315.1	542.3	0.874	9.828	2.69	0.132	78.3	118.8	25.5	0.191
		11.39	5.62	17.01	TWO	9.163	35.5	16.2	102.8										
43040.0	45500.0	0.468	134.9	5.4	-4.04	1.343	106.0	0.829	5.370	324.7	542.2	0.921	9.820	3.62	0.135	79.7	119.6	26.1	0.187
		9.97	5.59	15.56	TWO	9.163	35.5	16.2	102.2										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43050.0	45500.0	0.422	131.8	0.5	-5.28	1.346	101.6	0.822	5.386	334.3	542.0	0.957	9.815	5.09	0.137	80.8	120.5	27.1	0.185
		8.92	5.57	14.49	TWO	9.163	35.5	16.2	101.7										
43060.0	45500.0	0.403	125.6	-8.9	-8.00	1.348	97.2	0.818	5.396	344.0	541.9	0.981	9.811	8.03	0.138	81.5	121.5	29.2	0.185
		8.50	5.56	14.06	TWO	9.163	35.5	16.2	101.2										
43070.0	45500.0	0.495	113.9	-34.0	-17.40	1.350	92.9	0.816	5.401	353.6	541.8	0.993	9.809	17.64	0.139	81.9	124.0	35.4	0.192
		10.62	5.64	16.26	TWO	9.163	35.5	16.2	100.5										
43090.0	45500.0	0.442	117.1	59.4	11.55	1.354	83.6	0.819	5.393	14.2	181.8	0.977D	9.809	-10.88	0.138	81.8	118.5	15.6	0.187
		9.37	5.58	14.95	ONE	9.163	35.5	16.2	100.8										
43100.0	45500.0	0.438	108.3	42.6	6.48	1.356	79.1	0.824	5.380	24.2	181.9	0.949D	9.811	-5.59	0.136	81.4	119.1	19.4	0.185
		9.27	5.57	14.84	ONE	9.163	35.5	16.2	101.2										
43110.0	45500.0	0.484	105.6	35.2	4.59	1.357	74.5	0.831	5.361	34.3	181.9	0.909D	9.814	-3.47	0.134	80.6	119.2	21.1	0.188
		10.34	5.59	15.94	ONE	9.163	35.5	16.2	101.5										
43120.0	45500.0	0.547	105.8	31.2	3.64	1.358	69.8	0.840	5.337	44.5	182.0	0.856D	9.818	-2.27	0.130	79.6	119.1	22.0	0.191
		11.88	5.63	17.51	ONE	9.163	35.5	16.2	101.8										
43130.0	45500.0	0.620	107.9	28.6	3.09	1.358	65.0	0.851	5.309	54.7	182.1	0.793D	9.824	-1.46	0.126	78.2	118.8	22.7	0.196
		13.71	5.68	19.38	ONE	9.163	35.5	16.2	102.2										
ARRIVAL DATE = 2445550.0																			
43020.0	45550.0	0.603	135.4	10.9	-2.87	1.339	115.3	0.849	5.342	304.5	543.0	0.809	9.874	1.98	0.130	73.9	117.9	25.1	0.197
		13.27	5.69	18.96	TWO	9.954	37.1	16.8	105.1										
43030.0	45550.0	0.535	136.6	8.6	-3.25	1.341	110.8	0.838	5.365	314.0	542.8	0.867	9.862	2.62	0.133	75.7	118.7	25.5	0.192
		11.57	5.64	17.21	TWO	9.954	37.1	16.8	104.5										
43040.0	45550.0	0.474	136.2	5.6	-3.88	1.344	106.4	0.830	5.384	323.6	542.7	0.916	9.852	3.49	0.135	77.2	119.5	26.0	0.189
		10.12	5.60	15.72	TWO	9.954	37.1	16.8	103.9										
43050.0	45550.0	0.426	133.4	1.2	-5.00	1.346	102.1	0.823	5.399	333.3	542.5	0.953	9.845	4.84	0.137	78.3	120.3	26.9	0.186
		9.00	5.58	14.58	TWO	9.954	37.1	16.8	103.4										
43060.0	45550.0	0.401	127.5	-7.0	-7.33	1.348	97.7	0.819	5.410	342.9	542.4	0.979	9.840	7.40	0.139	79.1	121.2	28.7	0.185
		8.46	5.57	14.03	TWO	9.954	37.1	16.8	102.9										
43070.0	45550.0	0.457	116.9	-27.7	-14.56	1.350	93.3	0.817	5.415	352.6	542.4	0.992	9.837	14.84	0.139	79.6	123.2	33.7	0.190
		9.73	5.62	15.35	TWO	9.954	37.1	16.8	102.3										
43090.0	45550.0	0.457	121.1	63.6	13.15	1.354	84.1	0.819	5.408	13.2	182.4	0.979D	9.837	-12.44	0.138	79.5	118.2	14.6	0.188
		9.72	5.60	15.33	ONE	9.954	37.1	16.8	102.4										
43100.0	45550.0	0.435	110.3	44.0	6.92	1.356	79.6	0.823	5.396	23.1	182.4	0.953D	9.840	-5.99	0.137	79.1	119.0	19.2	0.186
		9.22	5.58	14.80	ONE	9.954	37.1	16.8	102.8										
43110.0	45550.0	0.478	107.0	35.8	4.78	1.357	75.0	0.830	5.378	33.2	182.4	0.913D	9.843	-3.63	0.135	78.3	119.1	21.0	0.188
		10.21	5.60	15.81	ONE	9.954	37.1	16.8	103.1										
43120.0	45550.0	0.540	106.9	31.5	3.73	1.358	70.3	0.839	5.355	43.4	182.5	0.862D	9.849	-2.34	0.132	77.2	119.1	22.0	0.192
		11.70	5.63	17.33	ONE	9.954	37.1	16.8	103.4										
43130.0	45550.0	0.612	108.8	28.7	3.14	1.358	65.5	0.850	5.328	53.6	182.6	0.800D	9.856	-1.50	0.128	75.9	118.9	22.7	0.196
		13.50	5.68	19.18	ONE	9.954	37.1	16.8	103.7										
ARRIVAL DATE = 2445600.0																			
43020.0	45600.0	0.611	136.2	10.9	-2.80	1.339	115.8	0.850	5.357	303.4	543.4	0.801	9.913	1.95	0.131	71.3	117.9	25.1	0.199
		13.49	5.71	19.20	TWO	10.627	38.6	17.3	106.7										
43030.0	45600.0	0.542	137.7	8.7	-3.15	1.342	111.4	0.840	5.380	312.9	543.3	0.861	9.899	2.56	0.134	73.3	118.7	25.4	0.194
		11.76	5.66	17.41	TWO	10.627	38.6	17.3	106.0										
43040.0	45600.0	0.480	137.4	5.9	-3.73	1.344	106.9	0.831	5.399	322.5	543.2	0.911	9.887	3.38	0.136	74.8	119.5	25.9	0.190
		10.26	5.62	15.88	TWO	10.627	38.6	17.3	105.5										
43050.0	45600.0	0.430	134.9	1.8	-4.74	1.346	102.5	0.825	5.414	332.2	543.1	0.949	9.879	4.62	0.138	76.0	120.2	26.8	0.187
		9.10	5.59	14.69	TWO	10.627	38.6	17.3	105.0										
43060.0	45600.0	0.401	129.4	-5.4	-6.77	1.348	98.1	0.820	5.425	341.9	543.0	0.977	9.873	6.87	0.140	76.8	121.1	28.3	0.186
		8.45	5.58	14.03	TWO	10.627	38.6	17.3	104.6										
43070.0	45600.0	0.433	119.7	-22.7	-12.50	1.350	93.8	0.817	5.430	351.6	542.9	0.991	9.869	12.81	0.140	77.3	122.7	32.3	0.189
		9.17	5.61	14.78	TWO	10.627	38.6	17.3	104.0										
43090.0	45600.0	0.481	126.8	68.6	15.26	1.354	84.5	0.819	5.425	12.1	182.9	0.981D	9.869	-14.52	0.140	77.3	118.0	13.3	0.191
		10.28	5.63	15.91	ONE	10.627	38.6	17.3	103.8										
43100.0	45600.0	0.434	112.3	45.6	7.42	1.356	80.1	0.823	5.413	22.0	182.9	0.956D	9.871	-6.47	0.138	76.8	118.9	18.9	0.187
		9.19	5.59	14.78	ONE	10.627	38.6	17.3	104.4										
43110.0	45600.0	0.472	108.5	36.4	4.98	1.357	75.5	0.830	5.397	32.1	182.9	0.918C	9.875	-3.80	0.136	76.1	119.2	20.9	0.189
		10.08	5.61	15.69	ONE	10.627	38.6	17.3	104.6										
43120.0	45600.0	0.533	108.1	31.7	3.84	1.358	70.8	0.838	5.375	42.3	183.0	0.868D	9.882	-2.42	0.133	75.0	119.1	21.9	0.192
		11.52	5.64	17.16	ONE	10.627	38.6	17.3	104.9										
43130.0	45600.0	0.603	109.8	28.9	3.20	1.359	66.1	0.849	5.348	52.5	183.0	0.807D	9.889	-1.53	0.130	73.6	119.0	22.6	0.197
		13.29	5.69	18.97	ONE	10.627	38.6	17.3	105.2										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2445650.0											
43020.0	45650.0	0.620	137.1	10.9	-2.74	1.340	116.4	0.852	5.374	302.3	543.9	0.793	9.955	1.92	0.132	68.9	118.1	25.0	0.201
		13.72	5.73	19.44	TWO	10.800	40.2	17.9	108.1										
43030.0	45650.0	0.550	138.7	8.7	-3.07	1.342	111.9	0.842	5.396	311.8	543.8	0.854	9.939	2.51	0.135	70.9	118.8	25.3	0.196
		11.95	5.67	17.63	TWO	10.800	40.2	17.9	107.5										
43040.0	45650.0	0.487	138.6	6.0	-3.59	1.344	107.5	0.833	5.415	321.4	543.7	0.905	9.925	3.28	0.137	72.5	119.5	25.8	0.192
		10.42	5.63	16.05	TWO	10.800	40.2	17.9	107.0										
43050.0	45650.0	0.434	136.4	2.3	-4.50	1.346	103.0	0.826	5.430	331.1	543.6	0.945	9.915	4.42	0.139	73.8	120.2	26.6	0.189
		9.20	5.60	14.81	TWO	10.800	40.2	17.9	106.5										
43060.0	45650.0	0.401	131.3	-4.1	-6.28	1.348	98.6	0.821	5.441	340.8	543.5	0.974	9.908	6.41	0.141	74.6	121.0	28.0	0.187
		8.46	5.59	14.05	TWO	10.800	40.2	17.9	106.1										
43070.0	45650.0	0.417	122.2	-18.7	-10.92	1.351	94.2	0.818	5.447	350.6	543.4	0.990	9.904	11.27	0.141	75.1	122.4	31.3	0.189
		8.81	5.61	14.41	TWO	10.800	40.2	17.9	105.6										
43090.0	45650.0	0.519	136.3	74.6	18.20	1.355	85.0	0.819	5.443	11.1	183.4	0.9820	9.903	-17.43	0.141	75.2	117.9	11.5	0.195
		11.19	5.67	16.86	ONE	10.800	40.2	17.9	105.1										
43100.0	45650.0	0.434	114.6	47.4	8.01	1.356	80.5	0.823	5.432	21.0	183.4	0.9590	9.905	-7.02	0.139	74.8	118.9	18.5	0.188
		9.19	5.60	14.79	ONE	10.800	40.2	17.9	105.9										
43110.0	45650.0	0.467	110.1	37.1	5.21	1.357	76.0	0.830	5.416	31.0	183.4	0.9230	9.910	-4.00	0.138	74.0	119.2	20.7	0.190
		9.96	5.61	15.57	ONE	10.800	40.2	17.9	106.1										
43120.0	45650.0	0.525	109.3	32.0	3.94	1.358	71.3	0.838	5.395	41.2	183.4	0.8740	9.917	-2.51	0.135	72.9	119.2	21.8	0.193
		11.35	5.65	16.99	ONE	10.800	40.2	17.9	106.4										
43130.0	45650.0	0.595	110.8	29.0	3.25	1.359	66.6	0.848	5.370	51.3	183.5	0.8140	9.926	-1.57	0.132	71.6	119.1	22.6	0.197
		13.08	5.69	18.77	ONE	10.800	40.2	17.9	106.6										
								ARRIVAL DATE = 2445700.0											
43020.0	45700.0	0.629	138.0	10.8	-2.68	1.340	116.9	0.854	5.392	301.1	544.3	0.785	10.000	1.89	0.134	66.6	118.3	24.9	0.203
		13.95	5.75	19.70	TWO	10.368	41.7	18.4	109.4										
43030.0	45700.0	0.558	139.7	8.7	-2.98	1.342	112.4	0.844	5.414	310.7	544.2	0.847	9.981	2.45	0.136	68.7	119.0	25.2	0.197
		12.15	5.69	17.85	TWO	10.368	41.7	18.4	108.9										
43040.0	45700.0	0.494	139.9	6.2	-3.46	1.344	108.0	0.834	5.433	320.3	544.1	0.899	9.966	3.18	0.139	70.3	119.6	25.7	0.193
		10.59	5.65	16.23	TWO	10.368	41.7	18.4	108.4										
43050.0	45700.0	0.440	137.9	2.8	-4.28	1.346	103.5	0.827	5.448	330.0	544.0	0.941	9.955	4.23	0.140	71.6	120.3	26.4	0.190
		9.32	5.62	14.94	TWO	10.368	41.7	18.4	108.0										
43060.0	45700.0	0.403	133.1	-2.9	-5.85	1.349	99.1	0.822	5.459	339.8	544.0	0.971	9.946	6.02	0.142	72.5	121.0	27.6	0.188
		8.49	5.60	14.10	TWO	10.368	41.7	18.4	107.6										
43070.0	45700.0	0.406	124.7	-15.3	-9.69	1.351	94.7	0.819	5.465	349.5	543.9	0.989	9.941	10.07	0.142	73.1	122.2	30.4	0.189
		8.57	5.61	14.18	TWO	10.368	41.7	18.4	107.2										
43090.0	45700.0	0.582	161.4	81.4	22.51	1.355	85.4	0.820	5.462	10.1	183.9	0.9840	9.939	-21.71	0.142	73.2	117.8	9.1	0.202
		12.76	5.74	18.49	ONE	10.368	41.7	18.4	106.0										
43100.0	45700.0	0.435	117.0	49.4	8.70	1.356	81.0	0.824	5.452	19.9	183.9	0.9620	9.942	-7.69	0.141	72.8	119.0	18.0	0.189
		9.21	5.61	14.82	ONE	10.368	41.7	18.4	107.3										
43110.0	45700.0	0.462	111.7	37.9	5.46	1.358	76.5	0.830	5.437	29.9	183.9	0.9270	9.947	-4.22	0.139	72.0	119.4	20.5	0.191
		9.84	5.62	15.46	ONE	10.368	41.7	18.4	107.5										
43120.0	45700.0	0.518	110.6	32.4	4.06	1.359	71.8	0.838	5.417	40.0	183.9	0.8800	9.954	-2.60	0.137	71.0	119.4	21.7	0.194
		11.18	5.65	16.83	ONE	10.368	41.7	18.4	107.7										
43130.0	45700.0	0.587	111.9	29.1	3.31	1.359	67.1	0.848	5.393	50.2	183.9	0.8220	9.964	-1.61	0.134	69.6	119.4	22.5	0.198
		12.87	5.70	18.57	ONE	10.368	41.7	18.4	107.9										
								ARRIVAL DATE = 2445750.0											
43020.0	45750.0	0.639	138.9	10.8	-2.63	1.340	117.5	0.857	5.412	299.9	544.7	0.776	10.047	1.87	0.135	64.5	118.6	24.8	0.205
		14.19	5.77	19.96	TWO	9.576	43.3	18.9	110.7										
43030.0	45750.0	0.567	140.7	8.7	-2.90	1.342	113.0	0.845	5.433	309.6	544.6	0.840	10.026	2.41	0.138	66.6	119.2	25.1	0.199
		12.36	5.71	18.07	TWO	9.576	43.3	18.9	110.2										
43040.0	45750.0	0.501	141.1	6.3	-3.34	1.344	108.5	0.836	5.451	319.2	544.6	0.893	10.009	3.10	0.140	68.3	119.8	25.6	0.195
		10.76	5.67	16.42	TWO	9.576	43.3	18.9	109.8										
43050.0	45750.0	0.445	139.4	3.1	-4.09	1.347	104.1	0.829	5.466	328.9	544.5	0.937	9.996	4.07	0.142	69.6	120.4	26.2	0.192
		9.44	5.63	15.08	TWO	9.576	43.3	18.9	109.4										
43060.0	45750.0	0.405	134.9	-2.0	-5.47	1.349	99.6	0.823	5.477	338.7	544.4	0.968	9.987	5.68	0.143	70.5	121.1	27.3	0.190
		8.55	5.61	14.16	TWO	9.576	43.3	18.9	109.0										
43070.0	45750.0	0.399	127.0	-12.6	-8.69	1.351	95.2	0.820	5.484	348.4	544.4	0.987	9.981	9.10	0.144	71.1	122.1	29.6	0.190
		8.41	5.62	14.03	TWO	9.576	43.3	18.9	108.6										
43080.0	45750.0	0.570	110.5	-43.6	-22.34	1.353	90.9	0.819	5.485	358.1	544.3	0.993	9.978	22.97	0.144	71.4	125.9	37.7	0.204
		12.44	5.76	18.20	TWO	9.576	43.3	18.9	107.1										
43100.0	45750.0	0.438	119.7	51.9	9.54	1.357	81.5	0.824	5.473	18.8	184.3	0.9650	9.981	-8.50	0.143	70.9	119.1	17.5	0.191
		9.28	5.63	14.91	ONE	9.576	43.3	18.9	108.6										

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EARTH-SATURN

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 COAST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43110.0	45750.0	0.457	113.5	38.7	5.74	1.358	77.0	0.829	5.459	28.8	184.3	0.931D	9.986	-4.48	0.141	70.2	119.6	20.3	0.192
		9.73	5.63	15.36	ONE	9.576	43.3	18.9	108.9										
43120.0	45750.0	0.511	111.9	32.7	4.19	1.359	72.3	0.837	5.440	38.9	184.3	0.885D	9.994	-2.70	0.139	69.1	119.7	21.6	0.195
		11.01	5.66	16.67	ONE	9.576	43.3	18.9	109.0										
43130.0	45750.0	0.579	112.9	29.2	3.38	1.359	67.6	0.847	5.416	49.0	184.3	0.828D	10.004	-1.65	0.136	67.8	119.7	22.4	0.199
		12.67	5.71	18.37	ONE	9.576	43.3	18.9	109.2										
ARRIVAL DATE = 2445800.0																			
43020.0	45800.0	0.648	139.8	10.7	-2.57	1.340	118.1	0.859	5.432	298.7	545.1	0.768	10.096	1.84	0.137	62.4	119.0	24.7	0.207
		14.43	5.79	20.22	TWO	8.949	44.9	19.4	111.9										
43030.0	45800.0	0.575	141.7	8.7	-2.82	1.342	113.5	0.847	5.453	308.4	545.0	0.832	10.073	2.36	0.139	64.5	119.5	25.0	0.201
		12.58	5.73	18.31	TWO	8.949	44.9	19.4	111.5										
43040.0	45800.0	0.508	142.2	6.4	-3.22	1.345	109.0	0.838	5.471	318.1	545.0	0.887	10.054	3.02	0.141	66.3	120.1	25.4	0.197
		10.94	5.69	16.62	TWO	8.949	44.9	19.4	111.1										
43050.0	45800.0	0.451	140.8	3.4	-3.90	1.347	104.6	0.830	5.486	327.8	544.9	0.932	10.040	3.92	0.143	67.6	120.7	26.0	0.193
		9.58	5.65	15.23	TWO	8.949	44.9	19.4	110.7										
43060.0	45800.0	0.408	136.7	-1.2	-5.14	1.349	100.1	0.825	5.497	337.5	544.9	0.965	10.029	5.38	0.144	68.6	121.3	27.0	0.191
		8.61	5.63	14.24	TWO	8.949	44.9	19.4	110.4										
43070.0	45800.0	0.394	129.3	-10.3	-7.86	1.351	95.7	0.821	5.504	347.3	544.8	0.985	10.022	8.32	0.145	69.2	122.2	29.0	0.191
		8.31	5.63	13.94	TWO	8.949	44.9	19.4	110.0										
43080.0	45800.0	0.501	115.4	-35.6	-17.80	1.353	91.3	0.820	5.506	357.1	544.8	0.993	10.019	18.46	0.145	69.5	124.9	35.2	0.199
		10.75	5.71	16.46	TWO	8.949	44.9	19.4	108.9										
43100.0	45800.0	0.444	122.8	54.7	10.58	1.357	82.0	0.824	5.494	17.7	184.8	0.967D	10.021	-9.50	0.144	69.1	119.3	16.8	0.193
		9.42	5.64	15.06	ONE	8.949	44.9	19.4	109.8										
43110.0	45800.0	0.453	115.3	39.7	6.05	1.358	77.5	0.829	5.481	27.7	184.7	0.935D	10.027	-4.76	0.143	68.4	119.8	20.1	0.193
		9.63	5.64	15.28	ONE	8.949	44.9	19.4	110.1										
43120.0	45800.0	0.505	113.3	33.0	4.32	1.359	72.9	0.837	5.463	37.8	184.7	0.891D	10.035	-2.81	0.140	67.4	120.0	21.5	0.195
		10.85	5.67	16.52	ONE	8.949	44.9	19.4	110.3										
43130.0	45800.0	0.571	114.1	29.3	3.44	1.360	68.2	0.846	5.441	47.9	184.7	0.835D	10.046	-1.70	0.138	66.1	120.0	22.3	0.199
		12.47	5.71	18.18	ONE	8.949	44.9	19.4	110.5										
43140.0	45800.0	0.644	116.6	26.8	2.93	1.360	63.4	0.858	5.414	58.0	184.6	0.770D	10.058	-0.94	0.134	64.4	120.0	22.8	0.205
		14.34	5.77	20.11	ONE	8.949	44.9	19.4	110.6										
ARRIVAL DATE = 2445850.0																			
43030.0	45850.0	0.584	142.7	8.6	-2.74	1.343	114.1	0.849	5.473	307.2	545.4	0.824	10.122	2.32	0.141	62.6	119.9	24.9	0.203
		12.80	5.75	18.55	TWO	8.959	46.4	19.9	112.7										
43040.0	45850.0	0.516	143.4	6.4	-3.11	1.345	109.6	0.840	5.491	316.9	545.4	0.881	10.102	2.94	0.143	64.4	120.5	25.3	0.199
		11.12	5.70	16.83	TWO	8.959	46.4	19.9	112.3										
43050.0	45850.0	0.457	142.2	3.6	-3.73	1.347	105.1	0.832	5.506	326.6	545.3	0.927	10.086	3.79	0.145	65.8	121.0	25.8	0.195
		9.72	5.67	15.39	TWO	8.959	46.4	19.9	111.9										
43060.0	45850.0	0.412	138.5	-0.5	-4.83	1.349	100.6	0.826	5.518	336.4	545.3	0.961	10.074	5.11	0.146	66.8	121.6	26.7	0.193
		8.69	5.64	14.33	TWO	8.959	46.4	19.9	111.6										
43070.0	45850.0	0.392	131.5	-8.4	-7.17	1.352	96.2	0.822	5.525	346.2	545.3	0.983	10.066	7.66	0.147	67.5	122.4	28.4	0.192
		8.26	5.64	13.89	TWO	8.959	46.4	19.9	111.3										
43080.0	45850.0	0.458	119.2	-29.1	-14.71	1.354	91.8	0.820	5.527	356.0	545.2	0.992	10.062	15.40	0.147	67.8	124.4	33.3	0.197
		9.75	5.69	15.44	TWO	8.959	46.4	19.9	110.5										
43100.0	45850.0	0.454	126.4	58.2	11.88	1.357	82.5	0.824	5.517	16.6	185.2	0.970D	10.064	-10.78	0.146	67.4	119.5	15.9	0.195
		9.64	5.66	15.31	ONE	8.959	46.4	19.9	110.9										
43110.0	45850.0	0.449	117.2	40.7	6.41	1.359	78.0	0.829	5.504	26.6	185.2	0.939D	10.069	-5.09	0.144	66.8	120.1	19.8	0.194
		9.55	5.66	15.20	ONE	8.959	46.4	19.9	111.3										
43120.0	45850.0	0.498	114.7	33.4	4.47	1.359	73.4	0.837	5.487	36.6	185.1	0.896D	10.078	-2.94	0.142	65.8	120.4	21.3	0.196
		10.69	5.68	16.37	ONE	8.959	46.4	19.9	111.5										
43130.0	45850.0	0.563	115.2	29.5	3.51	1.360	68.7	0.846	5.466	46.7	185.1	0.842D	10.089	-1.75	0.140	64.5	120.4	22.2	0.200
		12.27	5.72	17.99	ONE	8.959	46.4	19.9	111.6										
43140.0	45850.0	0.636	117.5	26.9	2.97	1.360	64.0	0.857	5.440	56.8	185.0	0.778D	10.102	-0.96	0.137	62.8	120.4	22.7	0.205
		14.11	5.78	19.89	ONE	8.959	46.4	19.9	111.7										
ARRIVAL DATE = 2445900.0																			
43030.0	45900.0	0.593	143.7	8.6	-2.67	1.343	114.6	0.851	5.495	306.0	545.8	0.816	10.173	2.28	0.143	60.8	120.4	24.7	0.205
		13.03	5.77	18.80	TWO	9.590	48.0	20.4	113.8										
43040.0	45900.0	0.524	144.6	6.4	-3.01	1.345	110.1	0.841	5.513	315.7	545.8	0.874	10.151	2.87	0.145	62.6	120.9	25.1	0.200
		11.32	5.72	17.04	TWO	9.590	48.0	20.4	113.4										
43050.0	45900.0	0.463	143.6	3.8	-3.57	1.347	105.6	0.833	5.528	325.5	545.7	0.922	10.133	3.67	0.146	64.0	121.4	25.6	0.197
		9.87	5.69	15.56	TWO	9.590	48.0	20.4	113.1										
43060.0	45900.0	0.416	140.2	0.1	-4.56	1.350	101.2	0.827	5.539	335.3	545.7	0.957	10.120	4.87	0.148	65.1	121.9	26.4	0.194
		8.78	5.66	14.44	TWO	9.590	48.0	20.4	112.8										

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EARTH-SATURN

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I L LEG	V I COIST	PSI L RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43070.0	45900.0	0.391	133.7	-6.8	-6.58	1.352	96.7	0.823	5.546	345.1	545.7	0.981	10.111	7.10	0.148	65.8	122.6	27.9	0.193
		8.23	5.65	13.88	TWO	9.590	48.0	20.4	112.5										
43080.0	45900.0	0.431	122.5	-23.9	-12.49	1.354	92.3	0.821	5.549	354.9	545.6	0.992	10.106	13.21	0.149	66.1	124.3	31.8	0.196
		9.13	5.68	14.81	TWO	9.590	48.0	20.4	111.9										
43100.0	45900.0	0.470	131.0	62.4	13.58	1.357	83.0	0.824	5.540	15.5	185.6	0.9720	10.108	-12.45	0.148	65.8	119.7	14.8	0.197
		10.01	5.69	15.70	ONE	9.590	48.0	20.4	111.9										
43110.0	45900.0	0.446	119.2	41.9	6.81	1.359	78.5	0.829	5.528	25.4	185.6	0.9430	10.113	-5.47	0.146	65.2	120.5	19.5	0.195
		9.47	5.67	15.14	ONE	9.590	48.0	20.4	112.5										
43120.0	45900.0	0.491	116.2	33.8	4.63	1.360	73.9	0.836	5.512	35.5	185.5	0.9020	10.122	-3.07	0.145	64.3	120.8	21.2	0.197
		10.53	5.69	16.22	ONE	9.590	48.0	20.4	112.6										
43130.0	45900.0	0.555	116.4	29.6	3.58	1.360	69.7	0.845	5.491	45.6	185.5	0.8490	10.134	-1.81	0.142	63.0	120.9	22.0	0.201
		12.07	5.73	17.80	ONE	9.590	48.0	20.4	112.7										
43140.0	45900.0	0.627	118.5	26.9	3.00	1.360	64.5	0.856	5.467	55.6	185.4	0.7860	10.148	-0.98	0.139	61.3	120.9	22.6	0.206
		13.89	5.78	19.67	ONE	9.590	48.0	20.4	112.8										
ARRIVAL DATE = 2445950.0																			
43030.0	45950.0	0.602	144.7	8.5	-2.60	1.343	115.2	0.853	5.517	304.8	546.1	0.808	10.225	2.25	0.144	59.0	120.9	24.6	0.207
		13.26	5.80	19.06	TWO	10.389	49.6	20.8	114.9										
43040.0	45950.0	0.532	145.7	6.4	-2.91	1.345	110.7	0.843	5.535	314.6	546.1	0.867	10.202	2.81	0.146	60.9	121.4	24.9	0.202
		11.52	5.74	17.26	TWO	10.389	49.6	20.8	114.5										
43050.0	45950.0	0.470	145.0	4.0	-3.42	1.348	106.2	0.835	5.549	324.3	546.1	0.916	10.183	3.55	0.148	62.3	121.8	25.4	0.199
		10.03	5.70	15.73	TWO	10.389	49.6	20.8	114.2										
43060.0	45950.0	0.420	141.9	0.6	-4.31	1.350	101.7	0.829	5.561	334.1	546.1	0.954	10.168	4.66	0.149	63.4	122.3	26.2	0.196
		8.88	5.68	14.56	TWO	10.389	49.6	20.8	114.0										
43070.0	45950.0	0.391	135.8	-5.4	-6.07	1.352	97.2	0.824	5.568	344.0	546.1	0.979	10.158	6.63	0.150	64.2	122.9	27.5	0.195
		8.24	5.66	13.90	TWO	10.389	49.6	20.8	113.7										
43080.0	45950.0	0.413	125.5	-19.7	-10.81	1.354	92.8	0.822	5.572	353.8	546.1	0.991	10.153	11.57	0.150	64.6	124.3	30.7	0.197
		8.73	5.68	14.41	TWO	10.389	49.6	20.8	113.2										
43100.0	45950.0	0.496	137.5	67.5	15.88	1.358	83.5	0.825	5.564	14.4	186.0	0.9750	10.153	-14.72	0.150	64.3	119.9	13.3	0.200
		10.63	5.72	16.35	ONE	10.389	49.6	20.8	112.8										
43110.0	45950.0	0.444	121.4	43.2	7.28	1.359	79.0	0.829	5.553	24.3	186.0	0.9470	10.159	-5.92	0.148	63.7	120.9	19.1	0.196
		9.42	5.68	15.10	ONE	10.389	49.6	20.8	113.6										
43120.0	45950.0	0.485	117.7	34.3	4.80	1.360	74.4	0.836	5.537	34.3	185.9	0.9070	10.168	-3.23	0.147	62.8	121.2	21.0	0.198
		10.38	5.70	16.08	ONE	10.389	49.6	20.8	113.7										
43130.0	45950.0	0.547	117.6	29.8	3.66	1.361	69.8	0.845	5.517	44.4	185.9	0.8550	10.180	-1.87	0.144	61.6	121.4	21.9	0.202
		11.87	5.74	17.62	ONE	10.389	49.6	20.8	113.8										
43140.0	45950.0	0.618	119.5	26.9	3.04	1.361	65.1	0.856	5.494	54.5	185.8	0.7940	10.194	-1.01	0.142	60.0	121.5	22.5	0.207
		13.66	5.79	19.45	ONE	10.389	49.6	20.8	113.9										
ARRIVAL DATE = 2446000.0																			
43030.0	46000.0	0.612	145.6	8.5	-2.53	1.344	115.8	0.856	5.539	303.6	546.4	0.800	10.279	2.22	0.146	57.3	121.5	24.4	0.209
		13.50	5.82	19.32	TWO	10.868	51.2	21.3	115.9										
43040.0	46000.0	0.541	146.8	6.4	-2.82	1.346	111.2	0.845	5.557	313.4	546.5	0.860	10.254	2.75	0.148	59.2	121.9	24.8	0.204
		11.73	5.77	17.49	TWO	10.868	51.2	21.3	115.6										
43050.0	46000.0	0.477	146.4	4.1	-3.28	1.348	106.7	0.837	5.572	323.2	546.5	0.911	10.233	3.45	0.150	60.7	122.3	25.2	0.200
		10.20	5.72	15.92	TWO	10.868	51.2	21.3	115.3										
43060.0	46000.0	0.425	143.6	0.9	-4.08	1.350	102.2	0.830	5.584	333.0	546.5	0.949	10.218	4.47	0.151	61.9	122.8	25.9	0.198
		9.00	5.69	14.69	TWO	10.868	51.2	21.3	115.1										
43070.0	46000.0	0.392	137.9	-4.3	-5.62	1.352	97.8	0.825	5.591	342.8	546.5	0.976	10.207	6.22	0.152	62.6	123.3	27.1	0.196
		8.26	5.68	13.94	TWO	10.868	51.2	21.3	114.8										
43080.0	46000.0	0.401	128.3	-16.3	-9.51	1.355	93.3	0.823	5.595	352.7	546.5	0.990	10.200	10.30	0.152	63.1	124.5	29.7	0.197
		8.46	5.69	14.15	TWO	10.868	51.2	21.3	114.4										
43100.0	46000.0	0.539	148.6	73.8	19.18	1.358	84.0	0.825	5.588	13.3	186.4	0.9770	10.200	-17.99	0.151	62.9	120.2	11.3	0.205
		11.68	5.77	17.45	ONE	10.868	51.2	21.3	113.5										
43110.0	46000.0	0.443	123.7	44.8	7.84	1.359	79.5	0.830	5.578	23.1	186.4	0.9510	10.206	-6.45	0.150	62.3	121.3	18.7	0.198
		9.39	5.69	15.08	ONE	10.868	51.2	21.3	114.6										
43120.0	46000.0	0.479	119.3	34.8	5.00	1.360	74.9	0.836	5.563	33.1	186.3	0.9120	10.215	-3.40	0.149	61.4	121.7	20.7	0.199
		10.24	5.71	15.95	ONE	10.868	51.2	21.3	114.8										
43130.0	46000.0	0.539	118.8	29.9	3.75	1.361	70.3	0.845	5.544	43.2	186.2	0.8620	10.227	-1.93	0.147	60.2	121.9	21.7	0.203
		11.68	5.75	17.43	ONE	10.868	51.2	21.3	114.8										
43140.0	46000.0	0.609	120.5	26.9	3.07	1.361	65.6	0.855	5.521	53.3	186.1	0.8010	10.242	-1.03	0.144	58.7	122.0	22.3	0.208
		13.44	5.80	19.24	ONE	10.868	51.2	21.3	114.9										
ARRIVAL DATE = 2446050.0																			
43030.0	46050.0	0.621	146.6	8.4	-2.47	1.344	116.4	0.858	5.563	302.4	546.8	0.791	10.335	2.19	0.148	55.7	122.1	24.2	0.212
		13.75	5.84	19.59	TWO	10.754	52.8	21.7	116.8										

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EARTH-SATURN

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43040.0	46050.0	0.550	147.9	6.4	-2.73	1.346	111.8	0.847	5.580	312.2	546.8	0.853	10.308	2.70	0.150	57.6	122.5	24.6	0.206
		11.94	5.79	17.73	TWO	10.754	52.8	21.7	116.6										
43050.0	46050.0	0.485	147.7	4.1	-3.15	1.348	107.3	0.838	5.595	322.0	546.9	0.905	10.286	3.36	0.151	59.2	122.9	25.0	0.202
		10.37	5.74	16.11	TWO	10.754	52.8	21.7	116.3										
43060.0	46050.0	0.431	145.3	1.3	-3.87	1.351	102.8	0.831	5.607	331.8	546.9	0.945	10.269	4.29	0.153	60.4	123.3	25.6	0.199
		9.12	5.71	14.83	TWO	10.754	52.8	21.7	116.1										
43070.0	46050.0	0.394	140.0	-3.4	-5.23	1.353	98.3	0.827	5.615	341.7	546.9	0.973	10.257	5.86	0.153	61.2	123.8	26.7	0.198
		8.30	5.69	14.00	TWO	10.754	52.8	21.7	115.9										
43080.0	46050.0	0.393	131.0	-13.5	-8.46	1.355	93.8	0.824	5.619	351.6	546.8	0.988	10.249	9.29	0.154	61.6	124.7	28.9	0.198
		8.28	5.70	13.98	TWO	10.754	52.8	21.7	115.5										
43090.0	46050.0	0.591	110.8	-45.7	-23.52	1.357	89.4	0.824	5.618	1.2	186.8	0.9910	10.246	24.54	0.154	61.8	129.2	37.1	0.214
		12.97	5.87	18.83	TWO	10.754	52.8	21.7	113.4										
43100.0	46050.0	0.614	178.3	80.7	24.24	1.358	84.5	0.826	5.613	12.2	186.8	0.9780	10.248	-23.02	0.153	61.5	120.6	8.5	0.212
		13.57	5.85	19.42	ONE	10.754	52.8	21.7	113.7										
43110.0	46050.0	0.443	126.2	46.7	8.50	1.360	80.1	0.830	5.604	22.0	186.8	0.9540	10.254	-7.09	0.152	61.0	121.8	18.1	0.199
		9.39	5.71	15.10	ONE	10.754	52.8	21.7	115.6										
43120.0	46050.0	0.473	121.0	35.4	5.21	1.361	75.5	0.836	5.590	32.0	186.7	0.9170	10.263	-3.59	0.151	60.2	122.3	20.5	0.201
		10.10	5.73	15.82	ONE	10.754	52.8	21.7	115.8										
43130.0	46050.0	0.531	120.1	30.1	3.84	1.361	70.8	0.844	5.571	42.0	186.6	0.8680	10.275	-2.01	0.149	59.0	122.5	21.6	0.204
		11.50	5.76	17.26	ONE	10.754	52.8	21.7	115.8										
43140.0	46050.0	0.601	121.5	26.9	3.11	1.361	66.2	0.854	5.549	52.1	186.5	0.8090	10.290	-1.06	0.146	57.5	122.6	22.2	0.208
		13.22	5.81	19.03	ONE	10.754	52.8	21.7	115.9										

ARRIVAL DATE = 2446100.0

43030.0	46100.0	0.631	147.5	8.3	-2.40	1.344	117.0	0.860	5.587	301.1	547.1	0.782	10.391	2.16	0.150	54.2	122.8	24.1	0.214
		14.00	5.87	19.87	TWO	10.103	54.4	22.1	117.7										
43040.0	46100.0	0.558	149.0	6.3	-2.64	1.346	112.4	0.849	5.604	310.9	547.1	0.846	10.363	2.65	0.152	56.2	123.1	24.4	0.208
		12.16	5.81	17.97	TWO	10.103	54.4	22.1	117.5										
43050.0	46100.0	0.492	149.0	4.2	-3.03	1.349	107.8	0.840	5.619	320.8	547.2	0.899	10.339	3.27	0.153	57.7	123.5	24.8	0.204
		10.55	5.76	16.31	TWO	10.103	54.4	22.1	117.3										
43060.0	46100.0	0.436	146.9	1.5	-3.68	1.351	103.3	0.833	5.631	330.6	547.2	0.941	10.321	4.14	0.154	58.9	123.8	25.4	0.201
		9.25	5.73	14.98	TWO	10.103	54.4	22.1	117.1										
43070.0	46100.0	0.397	142.0	-2.6	-4.88	1.353	98.8	0.828	5.639	340.5	547.2	0.970	10.308	5.54	0.155	59.8	124.3	26.3	0.199
		8.36	5.71	14.07	TWO	10.103	54.4	22.1	116.9										
43080.0	46100.0	0.388	133.6	-11.2	-7.60	1.355	94.3	0.825	5.643	350.4	547.2	0.987	10.300	8.46	0.156	60.3	125.1	28.2	0.199
		8.17	5.71	13.88	TWO	10.103	54.4	22.1	116.6										
43090.0	46100.0	0.509	117.3	-37.1	-18.26	1.357	89.9	0.824	5.643	0.2	187.2	0.9910	10.296	19.31	0.156	60.4	128.2	34.4	0.208
		10.95	5.81	16.76	TWO	10.103	54.4	22.1	115.2										
43110.0	46100.0	0.445	129.0	48.9	9.31	1.360	80.6	0.830	5.630	20.8	187.1	0.9570	10.302	-7.86	0.154	59.8	122.3	17.5	0.201
		9.44	5.73	15.16	ONE	10.103	54.4	22.1	116.5										
43120.0	46100.0	0.468	122.7	36.0	5.45	1.361	76.0	0.836	5.617	30.8	187.1	0.9220	10.311	-3.81	0.153	58.9	122.8	20.2	0.202
		9.97	5.74	15.71	ONE	10.103	54.4	22.1	116.7										
43130.0	46100.0	0.524	121.4	30.3	3.93	1.362	71.4	0.844	5.599	40.8	187.0	0.8740	10.324	-2.09	0.151	57.8	123.1	21.4	0.205
		11.31	5.77	17.08	ONE	10.103	54.4	22.1	116.8										
43140.0	46100.0	0.592	122.6	26.9	3.15	1.362	66.7	0.854	5.578	50.9	186.8	0.8160	10.339	-1.09	0.149	56.3	123.3	22.0	0.209
		13.00	5.82	18.82	ONE	10.103	54.4	22.1	116.8										

ARRIVAL DATE = 2446150.0

43030.0	46150.0	0.641	148.4	8.2	-2.34	1.344	117.6	0.862	5.611	299.9	547.3	0.773	10.449	2.14	0.152	52.7	123.5	23.9	0.216
		14.26	5.89	20.15	TWO	9.312	56.0	22.5	118.6										
43040.0	46150.0	0.568	150.1	6.2	-2.55	1.347	113.0	0.851	5.628	309.7	547.5	0.838	10.419	2.60	0.153	54.7	123.8	24.2	0.211
		12.39	5.83	18.22	TWO	9.312	56.0	22.5	118.4										
43050.0	46150.0	0.500	150.3	4.2	-2.91	1.349	108.4	0.842	5.643	319.6	547.5	0.892	10.394	3.19	0.155	56.3	124.1	24.5	0.206
		10.74	5.78	16.52	TWO	9.312	56.0	22.5	118.2										
43060.0	46150.0	0.443	148.5	1.7	-3.50	1.351	103.9	0.835	5.655	329.4	547.6	0.936	10.374	3.99	0.156	57.6	124.5	25.1	0.203
		9.39	5.75	15.14	TWO	9.312	56.0	22.5	118.0										
43070.0	46150.0	0.400	144.0	-2.0	-4.57	1.353	99.4	0.829	5.664	339.3	547.6	0.967	10.360	5.26	0.157	58.4	124.9	25.9	0.201
		8.43	5.73	14.16	TWO	9.312	56.0	22.5	117.8										
43080.0	46150.0	0.384	136.1	-9.3	-6.88	1.355	94.9	0.826	5.668	349.2	547.6	0.985	10.351	7.77	0.158	59.0	125.6	27.5	0.200
		8.10	5.72	13.82	TWO	9.312	56.0	22.5	117.5										
43090.0	46150.0	0.461	122.1	-30.2	-14.80	1.357	90.4	0.825	5.669	359.1	547.6	0.991	10.347	15.89	0.158	59.2	127.9	32.3	0.206
		9.80	5.78	15.58	TWO	9.312	56.0	22.5	116.6										
43110.0	46150.0	0.449	132.2	51.6	10.31	1.360	81.1	0.830	5.656	19.6	187.5	0.9610	10.352	-8.84	0.156	58.6	122.8	16.8	0.202
		9.54	5.74	15.28	ONE	9.312	56.0	22.5	117.3										
43120.0	46150.0	0.463	124.5	36.7	5.72	1.361	76.5	0.836	5.644	29.6	187.4	0.9260	10.361	-4.06	0.155	57.8	123.4	19.9	0.203
		9.85	5.75	15.60	ONE	9.312	56.0	22.5	117.6										

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EARTH-SATURN

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43130.0	46150.0	0.516	122.7	30.5	4.04	1.362	71.9	0.844	5.627	39.6	187.3	0.8800	10.374	-2.17	0.153	56.7	123.8	21.2	0.206
		11.13	5.78	16.91	ONE	9.312	56.0	22.5	117.7										
43140.0	46150.0	0.584	123.7	26.9	3.20	1.362	67.3	0.853	5.607	49.7	187.2	0.824D	10.390	-1.12	0.151	55.3	124.0	21.8	0.210
		12.79	5.83	18.61	ONE	9.312	56.0	22.5	117.7										
ARRIVAL DATE = 2446200.0																			
43040.0	46200.0	0.577	151.2	6.2	-2.47	1.347	113.6	0.853	5.653	308.5	547.7	0.830	10.476	2.56	0.155	53.3	124.5	23.9	0.213
		12.62	5.86	18.47	TWO	8.939	57.6	22.9	119.2										
43050.0	46200.0	0.508	151.6	4.2	-2.80	1.349	109.0	0.844	5.668	318.3	547.8	0.886	10.450	3.11	0.157	55.0	124.8	24.3	0.208
		10.93	5.81	16.74	TWO	8.939	57.6	22.9	119.0										
43060.0	46200.0	0.449	150.0	1.8	-3.33	1.351	104.4	0.836	5.680	328.2	547.9	0.931	10.429	3.86	0.158	56.2	125.1	24.8	0.205
		9.54	5.77	15.30	TWO	8.939	57.6	22.9	118.9										
43070.0	46200.0	0.404	145.9	-1.5	-4.28	1.354	99.9	0.831	5.689	338.1	547.9	0.964	10.413	5.02	0.159	57.2	125.5	25.6	0.202
		8.52	5.74	14.26	TWO	8.939	57.6	22.9	118.7										
43080.0	46200.0	0.383	138.5	-7.7	-6.27	1.356	95.4	0.827	5.693	348.1	547.9	0.984	10.403	7.19	0.159	57.7	126.1	27.0	0.202
		8.06	5.74	13.80	TWO	8.939	57.6	22.9	118.5										
43090.0	46200.0	0.430	126.0	-24.7	-12.37	1.358	90.9	0.826	5.694	357.9	547.9	0.990	10.398	13.49	0.159	58.0	127.9	30.7	0.205
		9.10	5.77	14.88	TWO	8.939	57.6	22.9	117.8										
43110.0	46200.0	0.458	135.9	54.8	11.59	1.361	81.6	0.830	5.683	18.5	187.8	0.963D	10.403	-10.09	0.158	57.4	123.3	15.9	0.204
		9.74	5.76	15.50	ONE	8.939	57.6	22.9	118.1										
43120.0	46200.0	0.458	126.4	37.5	6.03	1.362	77.1	0.836	5.671	28.4	187.8	0.931D	10.412	-4.35	0.157	56.7	124.1	19.6	0.204
		9.74	5.76	15.50	ONE	8.939	57.6	22.9	118.5										
43130.0	46200.0	0.509	124.2	30.7	4.15	1.362	72.5	0.843	5.655	38.5	187.6	0.886D	10.425	-2.27	0.156	55.7	124.4	20.9	0.207
		10.95	5.79	16.75	ONE	8.939	57.6	22.9	118.5										
43140.0	46200.0	0.575	124.8	26.9	3.24	1.362	67.8	0.853	5.636	48.5	187.5	0.831D	10.440	-1.15	0.154	54.3	124.7	21.6	0.211
		12.57	5.84	18.41	ONE	8.939	57.6	22.9	118.5										
43150.0	46200.0	0.648	127.2	24.3	2.73	1.362	63.1	0.864	5.613	58.5	187.3	0.766D	10.459	-0.42	0.151	52.6	124.9	22.1	0.216
		14.44	5.89	20.33	ONE	8.939	57.6	22.9	118.4										
ARRIVAL DATE = 2446250.0																			
43040.0	46250.0	0.586	152.2	6.1	-2.39	1.347	114.2	0.855	5.678	307.2	548.0	0.822	10.535	2.52	0.157	52.0	125.3	23.7	0.215
		12.86	5.88	18.74	TWO	9.266	59.2	23.2	120.0										
43050.0	46250.0	0.517	152.8	4.1	-2.69	1.349	109.6	0.846	5.693	317.1	548.1	0.879	10.507	3.05	0.159	53.7	125.5	24.1	0.210
		11.14	5.83	16.96	TWO	9.266	59.2	23.2	119.9										
43060.0	46250.0	0.456	151.5	1.9	-3.17	1.352	105.0	0.838	5.705	327.0	548.2	0.925	10.484	3.74	0.160	55.0	125.8	24.5	0.206
		9.69	5.79	15.48	TWO	9.266	59.2	23.2	119.7										
43070.0	46250.0	0.408	147.8	-1.0	-4.02	1.354	100.5	0.832	5.714	336.9	548.2	0.960	10.468	4.79	0.161	55.9	126.2	25.2	0.204
		8.61	5.76	14.38	TWO	9.266	59.2	23.2	119.6										
43080.0	46250.0	0.382	140.8	-6.4	-5.74	1.356	95.9	0.828	5.719	346.9	548.3	0.982	10.457	6.70	0.161	56.5	126.7	26.4	0.203
		8.06	5.75	13.81	TWO	9.266	59.2	23.2	119.4										
43090.0	46250.0	0.410	129.5	-20.4	-10.57	1.358	91.5	0.827	5.720	356.8	548.3	0.990	10.451	11.72	0.161	56.8	128.1	29.5	0.205
		8.66	5.77	14.43	TWO	9.266	59.2	23.2	118.9										
43110.0	46250.0	0.473	140.6	58.9	13.28	1.361	82.1	0.831	5.711	17.3	188.2	0.966D	10.455	-11.76	0.160	56.4	123.8	14.7	0.207
		10.09	5.79	15.88	ONE	9.266	59.2	23.2	118.8										
43120.0	46250.0	0.454	128.4	38.4	6.38	1.362	77.6	0.836	5.699	27.2	188.1	0.935D	10.463	-4.68	0.159	55.7	124.7	19.2	0.205
		9.65	5.77	15.42	ONE	9.266	59.2	23.2	119.3										
43130.0	46250.0	0.502	125.6	30.9	4.28	1.363	73.0	0.843	5.684	37.3	188.0	0.892D	10.476	-2.38	0.158	54.7	125.1	20.7	0.208
		10.78	5.80	16.59	ONE	9.266	59.2	23.2	119.4										
43140.0	46250.0	0.567	125.9	26.9	3.29	1.363	68.4	0.852	5.665	47.3	187.8	0.838D	10.492	-1.19	0.156	53.3	125.4	21.4	0.212
		12.36	5.85	18.21	ONE	9.266	59.2	23.2	119.3										
43150.0	46250.0	0.639	128.2	24.2	2.74	1.363	63.7	0.863	5.643	57.2	187.6	0.774D	10.511	-0.42	0.154	51.7	125.6	21.9	0.217
		14.20	5.90	20.10	ONE	9.266	59.2	23.2	119.3										
ARRIVAL DATE = 2446300.0																			
43040.0	46300.0	0.596	153.2	6.0	-2.32	1.347	114.8	0.857	5.704	305.9	548.3	0.813	10.594	2.49	0.159	50.8	126.1	23.5	0.217
		13.10	5.90	19.00	TWO	10.039	60.9	23.6	120.8										
43050.0	46300.0	0.525	154.0	4.1	-2.59	1.350	110.2	0.848	5.718	315.9	548.4	0.872	10.565	2.98	0.161	52.5	126.3	23.8	0.212
		11.34	5.85	17.19	TWO	10.039	60.9	23.6	120.6										
43060.0	46300.0	0.463	153.0	2.0	-3.03	1.352	105.6	0.839	5.730	325.8	548.5	0.920	10.541	3.63	0.162	53.8	126.6	24.2	0.208
		9.86	5.81	15.66	TWO	10.039	60.9	23.6	120.5										
43070.0	46300.0	0.413	149.6	-0.7	-3.79	1.354	101.0	0.833	5.740	335.7	548.6	0.956	10.523	4.59	0.163	54.8	126.9	24.9	0.206
		8.72	5.78	14.50	TWO	10.039	60.9	23.6	120.4										
43080.0	46300.0	0.383	143.1	-5.4	-5.28	1.356	96.5	0.830	5.745	345.7	548.6	0.979	10.511	6.28	0.163	55.4	127.4	25.9	0.204
		8.07	5.77	13.84	TWO	10.039	60.9	23.6	120.2										
43090.0	46300.0	0.397	132.6	-16.8	-9.19	1.358	92.0	0.828	5.747	355.6	548.6	0.989	10.504	10.36	0.163	55.7	128.5	28.4	0.206
		8.37	5.78	14.15	TWO	10.039	60.9	23.6	119.8										

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43110.0	46300.0	0.498	147.0	64.0	15.63	1.361	82.7	0.831	5.738	16.2	188.5	0.9690	10.507	-14.09	0.162	55.3	124.3	13.2	0.210
		10.69	5.82	16.51	ONE	10.039	60.9	23.6	119.3										
43120.0	46300.0	0.450	130.6	39.5	6.80	1.362	78.2	0.836	5.728	26.1	188.4	0.9390	10.516	-5.07	0.161	54.7	125.4	18.8	0.206
		9.57	5.79	15.35	ONE	10.039	60.9	23.6	120.1										
43130.0	46300.0	0.495	127.1	31.2	4.41	1.363	73.6	0.843	5.713	36.1	188.3	0.8980	10.528	-2.50	0.160	53.7	125.9	20.4	0.209
		10.62	5.81	16.43	ONE	10.039	60.9	23.6	120.2										
43140.0	46300.0	0.558	127.1	26.9	3.34	1.363	68.9	0.852	5.695	46.1	188.1	0.8450	10.544	-1.23	0.158	52.4	126.2	21.2	0.213
		12.16	5.86	18.01	ONE	10.039	60.9	23.6	120.1										
43150.0	46300.0	0.630	129.2	24.2	2.76	1.363	64.2	0.862	5.673	56.0	187.9	0.7830	10.563	-0.43	0.156	50.8	126.4	21.7	0.218
		13.97	5.91	19.88	ONE	10.039	60.9	23.6	120.0										
ARRIVAL DATE = 2446350.0																			
43040.0	46350.0	0.606	154.2	5.8	-2.24	1.348	115.4	0.860	5.729	304.7	548.6	0.804	10.654	2.45	0.161	49.6	126.9	23.2	0.219
		13.35	5.93	19.28	TWO	10.742	62.5	23.9	121.5										
43050.0	46350.0	0.536	155.2	4.0	-2.49	1.350	110.7	0.849	5.744	314.6	548.7	0.865	10.623	2.92	0.162	51.3	127.1	23.5	0.214
		11.56	5.87	17.43	TWO	10.742	62.5	23.9	121.4										
43060.0	46350.0	0.470	154.5	2.0	-2.89	1.352	106.1	0.841	5.756	324.6	548.8	0.914	10.598	3.53	0.164	52.6	127.4	23.9	0.210
		10.03	5.83	15.86	TWO	10.742	62.5	23.9	121.3										
43070.0	46350.0	0.418	151.4	-0.4	-3.57	1.354	101.6	0.835	5.766	334.5	548.9	0.952	10.579	4.41	0.164	53.7	127.7	24.5	0.207
		8.84	5.80	14.63	TWO	10.742	62.5	23.9	121.2										
43080.0	46350.0	0.385	145.4	-4.5	-4.88	1.357	97.0	0.831	5.771	344.5	548.9	0.977	10.566	5.91	0.165	54.3	128.1	25.5	0.206
		8.10	5.78	13.89	TWO	10.742	62.5	23.9	121.0										
43090.0	46350.0	0.388	135.6	-14.0	-8.09	1.358	92.5	0.829	5.774	354.4	548.9	0.989	10.559	9.30	0.165	54.7	129.0	27.5	0.206
		8.17	5.79	13.96	TWO	10.742	62.5	23.9	120.7										
43100.0	46350.0	0.622	110.6	-48.2	-25.27	1.360	88.1	0.829	5.772	4.2	188.9	0.9870	10.556	26.66	0.165	54.7	134.4	36.1	0.224
		13.78	5.99	19.76	TWO	10.742	62.5	23.9	118.0										
43110.0	46350.0	0.543	157.7	70.5	19.09	1.362	83.2	0.832	5.766	15.0	188.8	0.9710	10.561	-17.53	0.165	54.4	124.9	11.1	0.214
		11.78	5.87	17.65	ONE	10.742	62.5	23.9	119.6										
43120.0	46350.0	0.448	132.9	40.8	7.28	1.363	78.7	0.836	5.756	24.9	188.8	0.9430	10.568	-5.54	0.164	53.8	126.1	18.3	0.208
		9.51	5.80	15.31	ONE	10.742	62.5	23.9	120.9										
43130.0	46350.0	0.488	128.7	31.5	4.56	1.363	74.1	0.843	5.742	34.8	188.6	0.9030	10.581	-2.63	0.162	52.8	126.6	20.2	0.210
		10.45	5.83	16.28	ONE	10.742	62.5	23.9	120.9										
43140.0	46350.0	0.550	128.3	27.0	3.40	1.363	69.5	0.851	5.724	44.8	188.5	0.8520	10.597	-1.27	0.161	51.6	127.0	21.0	0.214
		11.95	5.87	17.82	ONE	10.742	62.5	23.9	120.9										
43150.0	46350.0	0.621	130.1	24.1	2.78	1.363	64.8	0.861	5.703	54.8	188.2	0.7910	10.616	-0.45	0.159	50.1	127.2	21.4	0.218
		13.73	5.92	19.65	ONE	10.742	62.5	23.9	120.8										
ARRIVAL DATE = 2446400.0																			
43040.0	46400.0	0.616	155.2	5.7	-2.17	1.348	116.0	0.862	5.755	303.4	548.8	0.796	10.715	2.42	0.163	48.4	127.8	22.9	0.221
		13.61	5.95	19.56	TWO	10.962	64.1	24.2	122.2										
43050.0	46400.0	0.543	156.4	3.9	-2.39	1.350	111.3	0.851	5.770	313.4	549.0	0.857	10.683	2.87	0.164	50.1	128.0	23.2	0.216
		11.78	5.89	17.67	TWO	10.962	64.1	24.2	122.1										
43060.0	46400.0	0.478	155.9	2.0	-2.76	1.353	106.7	0.843	5.782	323.3	549.1	0.908	10.656	3.44	0.166	51.5	128.2	23.6	0.212
		10.21	5.85	16.06	TWO	10.962	64.1	24.2	122.0										
43070.0	46400.0	0.424	153.2	-0.3	-3.37	1.355	102.1	0.836	5.792	333.3	549.2	0.948	10.636	4.25	0.166	52.6	128.4	24.2	0.209
		8.96	5.82	14.78	TWO	10.962	64.1	24.2	121.9										
43080.0	46400.0	0.387	147.6	-3.8	-4.52	1.357	97.6	0.832	5.798	343.3	549.2	0.974	10.622	5.58	0.167	53.3	128.8	25.0	0.207
		8.15	5.80	13.95	TWO	10.962	64.1	24.2	121.8										
43090.0	46400.0	0.382	138.4	-11.7	-7.19	1.359	93.1	0.830	5.801	353.2	549.2	0.988	10.614	8.43	0.167	53.7	129.6	26.8	0.207
		8.04	5.80	13.84	TWO	10.962	64.1	24.2	121.5										
43100.0	46400.0	0.521	119.5	-38.7	-18.84	1.360	88.6	0.830	5.799	3.1	189.2	0.9880	10.611	20.26	0.167	53.7	133.1	33.1	0.217
		11.23	5.91	17.14	TWO	10.962	64.1	24.2	119.9										
43110.0	46400.0	0.626	183.7	78.0	24.67	1.362	83.7	0.832	5.794	13.9	189.2	0.9730	10.614	-23.08	0.167	53.4	125.5	8.0	0.222
		13.86	5.96	19.82	ONE	10.962	64.1	24.2	119.4										
43120.0	46400.0	0.446	135.3	42.3	7.87	1.363	79.2	0.836	5.785	23.7	189.1	0.9470	10.622	-6.10	0.166	52.9	126.8	17.8	0.209
		9.47	5.82	15.29	ONE	10.962	64.1	24.2	121.6										
43130.0	46400.0	0.482	130.3	31.8	4.73	1.364	74.7	0.843	5.771	33.6	188.9	0.9090	10.634	-2.78	0.164	52.0	127.4	19.9	0.211
		10.30	5.84	16.14	ONE	10.962	64.1	24.2	121.7										
43140.0	46400.0	0.542	129.6	27.0	3.46	1.364	70.0	0.851	5.754	43.6	188.8	0.8590	10.650	-1.32	0.163	50.8	127.8	20.7	0.215
		11.75	5.88	17.63	ONE	10.962	64.1	24.2	121.6										
43150.0	46400.0	0.612	131.1	24.0	2.79	1.364	65.4	0.861	5.734	53.6	188.6	0.7990	10.670	-0.46	0.161	49.3	128.0	21.2	0.219
		13.50	5.93	19.43	ONE	10.962	64.1	24.2	121.5										
ARRIVAL DATE = 2446600.0																			
43050.0	46600.0	0.581	160.9	3.4	-2.05	1.351	113.8	0.860	5.877	308.2	549.9	0.825	10.928	2.69	0.172	46.0	131.6	22.0	0.224
		12.73	5.99	18.71	TWO	9.063	70.7	25.3	124.6										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43060.0	46600.0	0.511 11.00	161.3 5.93	1.7 16.93	-2.29 TWO	1.354 9.063	109.1 70.7	0.850 25.3	5.889 124.6	318.3	550.1	0.882	10.896	3.13	0.173	47.5	131.7	22.4	0.220
43070.0	46600.0	0.450 9.55	159.8 5.89	0.0 15.45	-2.70 TWO	1.356 9.063	104.5 70.7	0.843 25.3	5.900 124.6	328.3	550.3	0.928	10.871	3.72	0.174	48.7	131.9	22.8	0.216
43080.0	46600.0	0.402 8.48	155.8 5.87	-2.2 14.35	-3.40 TWO	1.358 9.063	99.9 70.7	0.837 25.3	5.907 124.5	338.4	550.4	0.961	10.852	4.60	0.174	49.5	132.1	23.3	0.214
43090.0	46600.0	0.375 7.91	148.7 5.85	-6.1 13.76	-4.82 TWO	1.360 9.063	95.3 70.7	0.834 25.3	5.911 124.4	348.4	550.4	0.982	10.840	6.18	0.175	50.0	132.6	24.3	0.213
43100.0	46600.0	0.393 8.28	137.5 5.87	-16.9 14.15	-8.69 TWO	1.362 9.063	90.7 70.7	0.833 25.3	5.911 124.0	358.4	550.4	0.988	10.834	10.22	0.175	50.2	133.7	26.6	0.214
43120.0	46600.0	0.467 9.95	149.0 5.89	53.2 15.84	12.21 ONE	1.364 9.063	81.4 70.7	0.837 25.3	5.901 123.9	18.8	190.3	0.961D	10.841	-10.36	0.174	49.7	129.7	14.4	0.216
43130.0	46600.0	0.459 9.76	137.4 5.89	33.7 15.64	5.66 ONE	1.365 9.063	76.9 70.7	0.842 25.3	5.890 124.3	28.8	190.2	0.928D	10.851	-3.64	0.173	49.0	130.8	18.4	0.215
43140.0	46600.0	0.510 10.98	134.9 5.92	27.1 16.90	3.75 ONE	1.365 9.063	72.3 70.7	0.850 25.3	5.875 124.2	38.7	190.0	0.884D	10.867	-1.57	0.172	48.0	131.2	19.6	0.218
43150.0	46600.0	0.576 12.61	135.4 5.96	23.5 18.57	2.87 ONE	1.365 9.063	67.6 70.7	0.858 25.3	5.858 124.1	48.7	189.7	0.829D	10.886	-0.51	0.170	46.7	131.6	20.2	0.222
43160.0	46600.0	0.649 14.46	137.7 6.02	20.9 20.48	2.38 ONE	1.364 9.063	63.0 70.7	0.869 25.3	5.837 123.9	58.5	189.4	0.765D	10.909	0.16	0.169	45.1	131.9	20.5	0.227

ARRIVAL DATE = 2446800.0

43050.0	46800.0	0.622 13.77	165.0 6.08	2.7 19.85	-1.74 TWO	1.353 10.897	116.3 77.4	0.868 26.0	5.987 126.6	303.0	550.7	0.790	11.184	2.56	0.180	42.4	135.7	20.7	0.232
43060.0	46800.0	0.548 11.89	166.2 6.02	1.1 17.91	-1.90 TWO	1.355 10.897	111.6 77.4	0.858 26.0	5.999 126.7	313.1	551.0	0.853	11.146	2.91	0.181	44.0	135.7	20.9	0.227
43070.0	46800.0	0.481 10.27	165.8 5.97	-0.3 16.25	-2.17 TWO	1.357 10.897	106.8 77.4	0.849 26.0	6.010 126.8	323.2	551.2	0.905	11.115	3.35	0.181	45.3	135.8	21.3	0.223
43080.0	46800.0	0.424 8.98	163.2 5.94	-1.8 14.92	-2.62 TWO	1.359 10.897	102.2 77.4	0.843 26.0	6.018 126.8	333.3	551.4	0.945	11.091	3.96	0.182	46.3	135.9	21.7	0.220
43090.0	46800.0	0.384 8.10	157.9 5.92	-3.8 14.02	-3.43 TWO	1.361 10.897	97.6 77.4	0.839 26.0	6.023 126.7	343.4	551.4	0.972	11.074	4.93	0.182	46.9	136.1	22.3	0.218
43100.0	46800.0	0.370 7.79	149.4 5.91	-8.4 13.71	-5.22 TWO	1.363 10.897	93.0 77.4	0.836 26.0	6.025 126.6	353.5	551.5	0.986	11.065	6.87	0.182	47.3	136.6	23.4	0.218
43110.0	46800.0	0.427 9.03	134.8 5.96	-25.3 14.99	-11.68 TWO	1.364 10.897	88.4 77.4	0.836 26.0	6.024 125.8	3.5	191.5	0.986D	11.062	13.47	0.182	47.3	138.5	26.9	0.222
43130.0	46800.0	0.445 9.44	146.4 5.94	37.9 15.38	7.42 ONE	1.366 10.897	79.1 77.4	0.843 26.0	6.010 126.5	23.9	191.3	0.945D	11.075	-5.34	0.181	46.5	134.2	16.3	0.220
43140.0	46800.0	0.481 10.29	140.8 5.96	27.4 16.25	4.18 ONE	1.366 10.897	74.5 77.4	0.849 26.0	5.998 126.5	33.8	191.1	0.907D	11.089	-1.96	0.180	45.7	135.0	18.3	0.222
43150.0	46800.0	0.542 11.75	140.0 6.00	23.0 17.76	2.97 ONE	1.366 10.897	69.9 77.4	0.857 26.0	5.983 126.4	43.7	190.8	0.857D	11.108	-0.60	0.179	44.5	135.4	19.0	0.226
43160.0	46800.0	0.612 13.50	141.5 6.05	20.2 19.56	2.36 ONE	1.366 10.897	65.3 77.4	0.866 26.0	5.964 126.2	53.6	190.5	0.798D	11.131	0.17	0.178	43.2	135.8	19.3	0.230

ARRIVAL DATE = 2447000.0

43060.0	47000.0	0.587 12.88	170.7 6.11	0.4 19.00	-1.56 TWO	1.356 9.308	114.1 84.1	0.866 26.4	6.111 128.5	307.8	551.7	0.819	11.402	2.74	0.188	40.9	139.9	19.4	0.235
43070.0	47000.0	0.515 11.10	171.3 6.06	-0.9 17.16	-1.74 TWO	1.358 9.308	109.3 84.1	0.857 26.4	6.122 128.6	318.0	552.0	0.878	11.366	3.08	0.189	42.3	139.9	19.6	0.230
43080.0	47000.0	0.452 9.61	170.0 6.02	-2.1 15.63	-2.02 TWO	1.360 9.308	104.6 84.1	0.849 26.4	6.131 128.6	328.2	552.2	0.925	11.337	3.51	0.189	43.4	139.9	20.0	0.227
43090.0	47000.0	0.402 8.49	166.2 5.99	-3.2 14.47	-2.51 TWO	1.362 9.308	99.9 84.1	0.844 26.4	6.137 128.7	338.3	552.4	0.959	11.315	4.14	0.190	44.2	140.1	20.4	0.224
43100.0	47000.0	0.371 7.82	159.7 5.97	-5.2 13.80	-3.45 TWO	1.364 9.308	95.3 84.1	0.841 26.4	6.140 128.6	348.5	552.5	0.979	11.301	5.21	0.190	44.7	140.3	21.0	0.223
43110.0	47000.0	0.372 7.83	149.8 5.98	-11.2 13.81	-5.85 TWO	1.365 9.308	90.7 84.1	0.839 26.4	6.141 128.4	358.6	552.5	0.986	11.295	7.73	0.190	44.9	141.0	22.4	0.223
43120.0	47000.0	0.558 12.14	123.5 6.13	-42.8 18.27	-20.77 TWO	1.367 9.308	86.1 84.1	0.840 26.4	6.137 126.1	8.5	192.4	0.980D	11.295	22.78	0.190	44.8	145.8	29.4	0.236
43130.0	47000.0	0.469 10.00	160.8 6.01	49.6 16.01	12.29 ONE	1.367 9.308	81.3 84.1	0.843 26.4	6.131 128.1	18.9	192.3	0.960D	11.302	-10.15	0.189	44.3	137.5	12.4	0.226
43140.0	47000.0	0.456 9.70	147.8 6.01	28.4 15.70	4.89 ONE	1.368 9.308	76.8 84.1	0.848 26.4	6.121 128.5	28.9	192.1	0.927D	11.315	-2.63	0.189	43.7	138.9	16.6	0.226
43150.0	47000.0	0.509 10.96	145.1 6.04	22.4 17.00	3.11 ONE	1.368 9.308	72.2 84.1	0.855 26.4	6.108 128.3	38.8	191.9	0.883D	11.332	-0.72	0.188	42.7	139.4	17.6	0.229

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43160.0	47000.0	0.575	145.6	19.2	2.33	1.367	67.6	0.864	6.092	48.6	191.6	0.829D	11.354	0.20	0.186	41.5	139.8	18.0	0.233
		12.58	6.09	18.67	ONE	9.308	84.1	26.4	128.1										
43170.0	47000.0	0.648	147.8	16.8	1.91	1.366	62.9	0.874	6.073	58.4	191.2	0.766D	11.380	0.76	0.185	40.1	140.2	18.2	0.238
		14.43	6.15	20.57	ONE	9.308	84.1	26.4	127.9										
ARRIVAL DATE = 2447200.0																			
43060.0	47200.0	0.630	174.9	-0.4	-1.26	1.357	116.7	0.874	6.224	302.4	552.3	0.782	11.665	2.62	0.195	38.1	144.4	17.6	0.243
		13.97	6.21	20.18	TWO	10.681	90.8	26.6	129.9										
43070.0	47200.0	0.554	176.3	-1.8	-1.36	1.359	111.8	0.864	6.235	312.7	552.7	0.847	11.623	2.87	0.196	39.6	144.3	17.9	0.238
		12.04	6.15	18.19	TWO	10.681	90.8	26.6	130.1										
43080.0	47200.0	0.485	176.0	-2.8	-1.54	1.361	107.0	0.856	6.244	322.9	553.0	0.901	11.588	3.18	0.196	40.9	144.2	18.2	0.234
		10.37	6.10	16.47	TWO	10.681	90.8	26.6	130.2										
43090.0	47200.0	0.427	173.7	-3.5	-1.84	1.363	102.3	0.849	6.252	333.2	553.2	0.942	11.562	3.60	0.197	41.8	144.2	18.5	0.230
		9.03	6.06	15.09	TWO	10.681	90.8	26.6	130.3										
43100.0	47200.0	0.384	168.8	-4.3	-2.36	1.365	97.6	0.845	6.256	343.3	553.3	0.970	11.543	4.24	0.197	42.4	144.4	18.9	0.229
		8.09	6.04	14.13	TWO	10.681	90.8	26.6	130.3										
43110.0	47200.0	0.363	161.2	-6.2	-3.47	1.367	93.0	0.843	6.258	353.5	553.4	0.984	11.532	5.46	0.197	42.7	144.7	19.6	0.228
		7.66	6.03	13.68	TWO	10.681	90.8	26.6	130.3										
43120.0	47200.0	0.383	149.6	-15.1	-6.97	1.368	88.4	0.843	6.256	3.6	193.4	0.984D	11.529	9.06	0.197	42.7	145.7	21.4	0.229
		8.07	6.04	14.11	TWO	10.681	90.8	26.6	130.0										
43140.0	47200.0	0.439	156.3	31.3	6.37	1.369	79.1	0.849	6.244	23.8	193.1	0.945D	11.543	-4.07	0.196	42.0	142.7	14.3	0.230
		9.30	6.05	15.35	ONE	10.681	90.8	26.6	130.2										
43150.0	47200.0	0.479	150.8	21.7	3.32	1.369	74.5	0.855	6.233	33.8	192.9	0.907D	11.559	-0.91	0.196	41.2	143.5	16.0	0.232
		10.23	6.08	16.31	ONE	10.681	90.8	26.6	130.1										
43160.0	47200.0	0.540	150.0	18.0	2.29	1.368	69.9	0.862	6.219	43.6	192.6	0.858D	11.580	0.23	0.195	40.2	144.0	16.5	0.236
		11.71	6.12	17.83	ONE	10.681	90.8	26.6	129.9										
43170.0	47200.0	0.610	151.5	15.6	1.79	1.367	65.3	0.871	6.202	53.4	192.2	0.799D	11.605	0.84	0.194	38.9	144.4	16.7	0.240
		13.46	6.18	19.63	ONE	10.681	90.8	26.6	129.6										
ARRIVAL DATE = 2447400.0																			
43070.0	47400.0	0.595	180.8	-2.7	-1.04	1.360	114.4	0.872	6.349	307.2	553.2	0.813	11.885	2.72	0.203	37.2	148.8	16.0	0.245
		13.08	6.24	19.32	TWO	9.638	97.5	26.4	131.3										
43080.0	47400.0	0.521	181.5	-3.7	-1.14	1.362	109.6	0.863	6.359	317.6	553.6	0.873	11.844	2.94	0.203	38.5	148.7	16.2	0.240
		11.25	6.18	17.43	TWO	9.638	97.5	26.4	131.6										
43090.0	47400.0	0.456	180.5	-4.3	-1.31	1.364	104.8	0.855	6.366	327.9	553.9	0.921	11.812	3.22	0.204	39.6	148.6	16.5	0.237
		9.71	6.14	15.85	TWO	9.638	97.5	26.4	131.7										
43100.0	47400.0	0.404	177.1	-4.6	-1.61	1.366	100.0	0.850	6.372	338.1	554.1	0.956	11.788	3.61	0.204	40.3	148.6	16.8	0.234
		8.53	6.11	14.64	TWO	9.638	97.5	26.4	131.8										
43110.0	47400.0	0.370	171.1	-4.9	-2.17	1.368	95.3	0.847	6.375	348.4	554.2	0.977	11.773	4.26	0.204	40.8	148.8	17.2	0.233
		7.79	6.09	13.88	TWO	9.638	97.5	26.4	131.8										
43120.0	47400.0	0.361	162.6	-7.1	-3.49	1.369	90.7	0.846	6.375	358.5	554.2	0.985	11.765	5.66	0.204	40.9	149.1	17.9	0.233
		7.60	6.08	13.69	TWO	9.638	97.5	26.4	131.7										
43130.0	47400.0	0.415	147.4	-23.0	-9.71	1.370	86.1	0.846	6.372	8.6	194.2	0.979D	11.765	11.97	0.204	40.8	151.0	21.0	0.236
		8.77	6.12	14.89	TWO	9.638	97.5	26.4	131.0										
43140.0	47400.0	0.461	170.7	43.6	11.51	1.370	81.4	0.849	6.366	18.8	194.1	0.959D	11.773	-9.17	0.204	40.5	146.2	10.0	0.236
		9.81	6.12	15.93	ONE	9.638	97.5	26.4	131.3										
43150.0	47400.0	0.451	157.2	21.3	3.69	1.370	76.8	0.854	6.357	28.7	193.9	0.928D	11.787	-1.26	0.203	39.8	147.8	14.2	0.236
		9.58	6.12	15.70	ONE	9.638	97.5	26.4	131.6										
43160.0	47400.0	0.507	154.9	16.6	2.23	1.369	72.2	0.861	6.345	38.6	193.6	0.884D	11.806	0.28	0.203	39.0	148.3	14.9	0.239
		10.89	6.16	17.05	ONE	9.638	97.5	26.4	131.4										
43170.0	47400.0	0.573	155.4	14.1	1.64	1.369	67.6	0.869	6.330	48.4	193.2	0.831D	11.830	0.96	0.202	37.9	148.7	15.1	0.242
		12.52	6.21	18.73	ONE	9.638	97.5	26.4	131.2										
43180.0	47400.0	0.645	157.6	12.1	1.33	1.367	63.0	0.878	6.313	58.1	192.7	0.769D	11.858	1.37	0.201	36.5	149.0	15.1	0.247
		14.35	6.26	20.62	ONE	9.638	97.5	26.4	130.8										
ARRIVAL DATE = 2447600.0																			
43070.0	47600.0	0.639	185.0	-3.7	-0.74	1.361	117.1	0.880	6.462	301.6	553.6	0.774	12.150	2.62	0.210	34.9	153.5	13.9	0.253
		14.21	6.34	20.55	TWO	10.345	104.2	25.9	132.4										
43080.0	47600.0	0.561	186.5	-4.8	-0.79	1.363	112.2	0.870	6.473	312.1	554.1	0.841	12.104	2.76	0.210	36.4	153.3	14.2	0.248
		12.23	6.27	18.50	TWO	10.345	104.2	25.9	132.7										
43090.0	47600.0	0.491	186.5	-5.4	-0.89	1.365	107.3	0.862	6.481	322.5	554.5	0.896	12.066	2.94	0.211	37.5	153.2	14.4	0.243
		10.51	6.22	16.73	TWO	10.345	104.2	25.9	132.9										
43100.0	47600.0	0.431	184.6	-5.5	-1.05	1.367	102.5	0.855	6.488	332.8	554.8	0.938	12.037	3.17	0.211	38.4	153.1	14.6	0.240
		9.12	6.18	15.30	TWO	10.345	104.2	25.9	133.0										
43110.0	47600.0	0.386	180.2	-5.2	-1.33	1.369	97.8	0.851	6.492	343.1	555.0	0.967	12.017	3.52	0.211	39.0	153.1	14.9	0.238
		8.12	6.15	14.28	TWO	10.345	104.2	25.9	133.1										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 COAST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43120.0	47600.0	0.361	173.3	-4.9	-1.89	1.370	93.1	0.849	6.493	353.3	555.0	0.982	12.004	4.15	0.211	39.3	153.2	15.2	0.237
		7.60	6.14	13.74	TWO	10.345	104.2	25.9	133.1										
43130.0	47600.0	0.364	164.2	-7.7	-3.50	1.371	88.4	0.849	6.492	3.5	195.0	0.983D	12.001	5.82	0.211	39.3	153.7	16.1	0.237
		7.66	6.14	13.80	TWO	10.345	104.2	25.9	133.0										
43150.0	47600.0	0.428	164.9	22.1	4.54	1.371	79.1	0.854	6.480	23.6	194.8	0.945D	12.015	-2.10	0.211	38.6	152.0	12.0	0.239
		9.07	6.16	15.23	ONE	10.345	104.2	25.9	133.0										
43160.0	47600.0	0.475	160.1	14.8	2.15	1.371	74.5	0.860	6.470	33.6	194.5	0.908D	12.032	0.36	0.210	37.9	152.7	13.1	0.242
		10.14	6.19	16.33	ONE	10.345	104.2	25.9	132.8										
43170.0	47600.0	0.537	159.6	12.3	1.43	1.370	69.9	0.867	6.457	43.4	194.1	0.860D	12.055	1.14	0.209	37.0	153.1	13.4	0.245
		11.64	6.24	17.88	ONE	10.345	104.2	25.9	132.5										
43180.0	47600.0	0.607	161.1	10.4	1.10	1.369	65.4	0.875	6.442	53.1	193.7	0.802D	12.082	1.54	0.208	35.8	153.4	13.4	0.249
		13.38	6.29	19.67	ONE	10.345	104.2	25.9	132.2										
ARRIVAL DATE = 2447800.0																			
43080.0	47800.0	0.604	191.1	-5.8	-0.48	1.364	114.9	0.878	6.586	306.5	554.5	0.805	12.368	2.63	0.217	34.3	158.0	12.0	0.255
		13.31	6.36	19.68	TWO	10.003	110.7	25.1	133.6										
43090.0	47800.0	0.529	192.0	-6.5	-0.53	1.366	109.9	0.869	6.595	317.0	555.0	0.867	12.324	2.73	0.217	35.6	157.8	12.2	0.250
		11.43	6.30	17.73	TWO	10.003	110.7	25.1	133.9										
43100.0	47800.0	0.462	191.3	-6.7	-0.60	1.368	105.0	0.861	6.603	327.4	555.4	0.917	12.289	2.85	0.218	36.6	157.7	12.4	0.246
		9.84	6.25	16.09	TWO	10.003	110.7	25.1	134.1										
43110.0	47800.0	0.408	188.3	-6.7	-0.73	1.370	100.2	0.856	6.608	337.8	555.6	0.953	12.263	3.02	0.218	37.3	157.6	12.6	0.244
		8.61	6.22	14.83	TWO	10.003	110.7	25.1	134.2										
43120.0	47800.0	0.371	183.0	-5.1	-0.96	1.371	95.5	0.852	6.611	348.1	555.8	0.975	12.246	3.30	0.218	37.8	157.6	12.8	0.242
		7.82	6.20	14.02	TWO	10.003	110.7	25.1	134.3										
43130.0	47800.0	0.357	175.7	-4.3	-1.48	1.372	90.8	0.851	6.611	358.3	555.8	0.984	12.238	3.86	0.218	38.0	157.7	13.1	0.242
		7.52	6.19	13.71	TWO	10.003	110.7	25.1	134.3										
43140.0	47800.0	0.372	166.2	-8.2	-3.49	1.372	86.1	0.852	6.608	8.4	195.8	0.979D	12.237	5.91	0.218	37.9	158.3	14.1	0.242
		7.83	6.20	14.03	TWO	10.003	110.7	25.1	134.1										
43150.0	47800.0	0.436	177.8	32.6	8.90	1.372	81.5	0.855	6.602	18.5	195.6	0.960D	12.245	-6.44	0.218	37.6	155.6	7.8	0.244
		9.23	6.22	15.45	ONE	10.003	110.7	25.1	134.0										
43160.0	47800.0	0.445	165.8	12.5	1.98	1.372	76.9	0.859	6.594	28.4	195.4	0.929D	12.259	0.52	0.217	37.0	157.2	11.3	0.245
		9.45	6.23	15.68	ONE	10.003	110.7	25.1	134.0										
43170.0	47800.0	0.503	164.1	10.0	1.13	1.371	72.3	0.865	6.583	38.3	195.1	0.886D	12.280	1.41	0.217	36.2	157.6	11.6	0.248
		10.81	6.27	17.08	ONE	10.003	110.7	25.1	133.8										
43180.0	47800.0	0.570	164.8	8.4	0.81	1.370	67.7	0.873	6.569	48.0	194.6	0.834D	12.305	1.77	0.216	35.1	157.9	11.6	0.252
		12.44	6.32	18.76	ONE	10.003	110.7	25.1	133.5										
43190.0	47800.0	0.641	167.1	6.9	0.65	1.368	63.2	0.882	6.554	57.6	194.1	0.773D	12.334	1.98	0.215	33.9	158.3	11.5	0.256
		14.25	6.38	20.63	ONE	10.003	110.7	25.1	133.1										
ARRIVAL DATE = 2448000.0																			
43090.0	48000.0	0.571	197.0	-7.7	-0.21	1.367	112.6	0.876	6.709	311.4	555.4	0.834	12.585	2.57	0.224	33.8	162.5	9.9	0.257
		12.46	6.39	18.85	TWO	9.941	117.2	24.0	134.7										
43100.0	48000.0	0.498	197.3	-8.0	-0.23	1.369	107.6	0.867	6.717	321.9	555.9	0.891	12.544	2.62	0.224	34.9	162.3	10.1	0.253
		10.69	6.33	17.02	TWO	9.941	117.2	24.0	134.9										
43110.0	48000.0	0.436	195.7	-7.6	-0.27	1.371	102.8	0.861	6.723	332.3	556.2	0.934	12.512	2.68	0.224	35.8	162.2	10.3	0.249
		9.24	6.29	15.54	TWO	9.941	117.2	24.0	135.1										
43120.0	48000.0	0.389	191.8	-6.3	-0.34	1.372	98.0	0.857	6.727	342.7	556.4	0.964	12.489	2.76	0.225	36.4	162.1	10.4	0.247
		8.20	6.27	14.47	TWO	9.941	117.2	24.0	135.3										
43130.0	48000.0	0.362	185.8	-4.4	-0.47	1.373	93.2	0.854	6.728	353.0	556.5	0.981	12.476	2.91	0.225	36.7	162.1	10.5	0.246
		7.62	6.25	13.87	TWO	9.941	117.2	24.0	135.3										
43140.0	48000.0	0.358	178.5	-2.7	-0.81	1.373	88.5	0.854	6.727	3.2	196.5	0.983D	12.472	3.27	0.225	36.7	162.2	10.7	0.246
		7.54	6.25	13.79	TWO	9.941	117.2	24.0	135.3										
43150.0	48000.0	0.384	168.8	-8.4	-3.40	1.373	83.9	0.856	6.723	13.3	196.4	0.971D	12.475	5.88	0.224	36.5	162.9	11.9	0.247
		8.09	6.27	14.35	TWO	9.941	117.2	24.0	135.1										
43160.0	48000.0	0.418	171.7	9.0	1.53	1.373	79.3	0.859	6.717	23.3	196.2	0.947D	12.486	0.96	0.224	36.1	161.8	9.4	0.248
		8.84	6.28	15.11	ONE	9.941	117.2	24.0	135.1										
43170.0	48000.0	0.471	168.8	6.8	0.63	1.372	74.7	0.864	6.707	33.1	195.9	0.910D	12.504	1.88	0.224	35.4	162.2	9.8	0.251
		10.04	6.31	16.35	ONE	9.941	117.2	24.0	134.9										
43180.0	48000.0	0.534	168.8	5.9	0.41	1.371	70.1	0.871	6.695	42.9	195.5	0.863D	12.527	2.12	0.223	34.6	162.5	9.7	0.254
		11.55	6.35	17.90	ONE	9.941	117.2	24.0	134.7										
43190.0	48000.0	0.603	170.5	4.8	0.31	1.369	65.6	0.879	6.681	52.5	195.1	0.807D	12.556	2.24	0.222	33.5	162.8	9.6	0.258
		13.27	6.40	19.67	ONE	9.941	117.2	24.0	134.3										
ARRIVAL DATE = 2448200.0																			
43090.0	48200.0	0.615	201.6	-8.9	0.08	1.368	115.4	0.883	6.823	305.6	555.7	0.797	12.848	2.46	0.230	32.1	167.4	7.5	0.264
		13.59	6.48	20.08	TWO	10.347	123.6	22.6	135.4										

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43100.0	48200.0	0.538	202.8	-9.3	0.09	1.370	110.3	0.874	6.831	316.3	556.2	0.861	12.801	2.45	0.230	33.3	167.1	7.7	0.259
		11.66	6.42	18.08	TWO	10.347	123.6	22.6	135.7										
43110.0	48200.0	0.470	202.4	-9.1	0.10	1.371	105.4	0.867	6.838	326.8	556.7	0.912	12.763	2.43	0.231	34.3	166.9	7.8	0.256
		10.01	6.37	16.38	TWO	10.347	123.6	22.6	135.9										
43120.0	48200.0	0.413	199.8	-8.0	0.12	1.373	100.5	0.861	6.842	337.2	557.0	0.950	12.735	2.40	0.231	35.0	166.7	7.9	0.253
		8.73	6.34	15.07	TWO	10.347	123.6	22.6	136.1										
43130.0	48200.0	0.375	195.1	-5.8	0.15	1.373	95.7	0.858	6.845	347.6	557.2	0.973	12.717	2.36	0.231	35.5	166.7	8.0	0.251
		7.89	6.31	14.20	TWO	10.347	123.6	22.6	136.2										
43140.0	48200.0	0.358	188.8	-2.8	0.23	1.374	91.0	0.856	6.845	357.9	557.2	0.983	12.707	2.28	0.231	35.7	166.6	8.0	0.250
		7.54	6.30	13.84	TWO	10.347	123.6	22.6	136.2										
43150.0	48200.0	0.365	182.5	0.8	0.47	1.374	86.3	0.857	6.843	8.0	197.2	0.979D	12.706	2.03	0.231	35.6	166.6	7.8	0.251
		7.69	6.31	13.99	TWO	10.347	123.6	22.6	136.2										
43160.0	48200.0	0.404	170.6	-11.8	-4.27	1.374	81.7	0.859	6.838	18.0	197.0	0.961D	12.714	6.76	0.231	35.3	167.9	9.9	0.253
		8.52	6.33	14.86	ONE	10.347	123.6	22.6	135.9										
43170.0	48200.0	0.441	173.3	1.6	-0.39	1.373	77.1	0.864	6.830	28.0	196.8	0.931D	12.728	2.87	0.230	34.8	167.0	8.1	0.254
		9.35	6.35	15.70	ONE	10.347	123.6	22.6	135.9										
43180.0	48200.0	0.499	172.9	2.5	-0.21	1.372	72.5	0.869	6.820	37.8	196.4	0.890D	12.749	2.68	0.230	34.0	167.2	7.8	0.257
		10.71	6.38	17.10	ONE	10.347	123.6	22.6	135.7										
43190.0	48200.0	0.565	174.0	2.2	-0.14	1.370	67.9	0.877	6.807	47.4	196.0	0.839D	12.776	2.61	0.229	33.1	167.4	7.6	0.260
		12.33	6.43	18.76	ONE	10.347	123.6	22.6	135.4										
43200.0	48200.0	0.636	176.5	1.3	-0.11	1.369	63.4	0.885	6.793	56.9	195.4	0.779D	12.806	2.57	0.229	31.9	167.7	7.4	0.265
		14.12	6.49	20.61	ONE	10.347	123.6	22.6	135.0										

ARRIVAL DATE = 2448400.0

43100.0	48400.0	0.581	207.8	-10.6	0.37	1.371	113.1	0.881	6.944	310.5	556.5	0.826	13.062	2.32	0.237	31.8	172.0	5.2	0.266
		12.73	6.51	19.25	TWO	9.526	129.9	21.0	136.3										
43110.0	48400.0	0.507	208.4	-10.5	0.41	1.372	108.1	0.873	6.951	321.1	557.1	0.885	13.018	2.24	0.237	32.9	171.7	5.3	0.262
		10.91	6.45	17.36	TWO	9.526	129.9	21.0	136.6										
43120.0	48400.0	0.444	207.1	-9.7	0.47	1.374	103.1	0.866	6.957	331.7	557.5	0.930	12.983	2.14	0.237	33.7	171.5	5.4	0.259
		9.41	6.41	15.82	TWO	9.526	129.9	21.0	136.8										
43130.0	48400.0	0.395	203.7	-7.7	0.58	1.374	98.3	0.862	6.960	342.1	557.7	0.962	12.959	2.00	0.237	34.3	171.3	5.5	0.256
		8.32	6.38	14.70	TWO	9.526	129.9	21.0	137.0										
43140.0	48400.0	0.365	198.3	-4.6	0.78	1.375	93.5	0.859	6.962	352.4	557.9	0.979	12.944	1.76	0.238	34.6	171.2	5.4	0.255
		7.69	6.36	14.06	TWO	9.526	129.9	21.0	137.1										
43150.0	48400.0	0.360	192.3	0.0	1.28	1.375	88.8	0.859	6.961	2.6	197.9	0.983D	12.939	1.23	0.237	34.7	171.1	5.2	0.255
		7.58	6.36	13.94	TWO	9.526	129.9	21.0	137.1										
43160.0	48400.0	0.385	189.7	10.7	3.82	1.375	84.1	0.860	6.957	12.7	197.8	0.973D	12.942	-1.34	0.237	34.5	170.5	3.9	0.255
		8.11	6.37	14.47	TWO	9.526	129.9	21.0	137.0										
43170.0	48400.0	0.422	175.0	-11.1	-3.78	1.374	79.5	0.863	6.951	22.7	197.6	0.949D	12.953	6.23	0.237	34.1	172.5	7.3	0.258
		8.92	6.40	15.32	ONE	9.526	129.9	21.0	136.7										
43180.0	48400.0	0.468	176.9	-2.6	-1.28	1.373	74.9	0.868	6.943	32.5	197.3	0.914D	12.971	3.70	0.237	33.9	172.0	6.0	0.260
		9.97	6.42	16.39	ONE	9.526	129.9	21.0	136.6										
43190.0	48400.0	0.529	177.7	-1.1	-0.79	1.371	70.4	0.875	6.932	42.2	196.9	0.868D	12.995	3.18	0.236	32.7	172.1	5.6	0.263
		11.44	6.46	17.90	ONE	9.526	129.9	21.0	136.4										
43200.0	48400.0	0.597	179.7	-1.2	-0.58	1.370	65.8	0.882	6.918	51.8	196.3	0.813D	13.024	2.94	0.236	31.7	172.3	5.3	0.267
		13.13	6.51	19.65	ONE	9.526	129.9	21.0	136.0										

ARRIVAL DATE = 2448600.0

43100.0	48600.0	0.628	212.5	-11.8	0.63	1.372	115.9	0.888	7.056	304.6	556.7	0.788	13.325	2.22	0.243	30.3	177.0	2.6	0.274
		13.92	6.61	20.53	TWO	10.615	136.1	19.1	136.8										
43110.0	48600.0	0.549	213.9	-11.9	0.68	1.373	110.8	0.879	7.064	315.3	557.4	0.853	13.274	2.10	0.243	31.5	176.6	2.8	0.269
		11.93	6.54	18.47	TWO	10.615	136.1	19.1	137.2										
43120.0	48600.0	0.479	213.8	-11.3	0.76	1.374	105.8	0.872	7.070	326.0	557.9	0.907	13.234	1.95	0.243	32.5	176.4	2.9	0.265
		10.23	6.49	16.72	TWO	10.615	136.1	19.1	137.5										
43130.0	48600.0	0.421	211.6	-9.8	0.90	1.375	100.9	0.866	7.075	336.5	558.2	0.946	13.203	1.75	0.244	33.2	176.1	2.9	0.262
		8.90	6.45	15.35	TWO	10.615	136.1	19.1	137.7										
43140.0	48600.0	0.380	207.4	-6.9	1.14	1.376	96.1	0.863	7.077	346.9	558.4	0.972	13.183	1.44	0.244	33.6	176.0	2.9	0.260
		8.01	6.43	14.43	TWO	10.615	136.1	19.1	137.8										
43150.0	48600.0	0.362	201.8	-2.6	1.64	1.376	91.3	0.861	7.077	357.2	558.5	0.983	13.172	0.89	0.244	33.8	175.8	2.6	0.259
		7.62	6.42	14.03	TWO	10.615	136.1	19.1	137.9										
43160.0	48600.0	0.370	197.1	5.2	3.08	1.375	86.6	0.861	7.075	7.3	198.5	0.980D	13.171	-0.61	0.244	33.8	175.5	1.9	0.259
		7.80	6.42	14.22	TWO	10.615	136.1	19.1	137.8										
43180.0	48600.0	0.444	179.4	-12.1	-3.75	1.374	77.3	0.868	7.064	27.3	198.1	0.935D	13.192	6.11	0.243	33.0	177.3	4.8	0.263
		9.42	6.47	15.89	ONE	10.615	136.1	19.1	137.4										
43190.0	48600.0	0.496	181.4	-5.8	-1.81	1.372	72.8	0.873	7.054	37.0	197.7	0.895D	13.213	4.12	0.243	32.4	177.0	3.7	0.265
		10.63	6.50	17.13	ONE	10.615	136.1	19.1	137.2										

1976
EARTH-SATURN

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 COIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43200.0	48600.0	0.560 12.20	183.1 6.54	-4.4 18.74	-1.22 ONE	1.370 10.615	68.3 136.1	0.880 19.1	7.043 137.0	46.6	197.2	0.8450	13.240	3.48	0.242	31.5	177.1	3.3	0.269
43210.0	48600.0	0.629 13.95	185.8 6.60	-4.5 20.55	-0.94 ONE	1.368 10.615	63.8 136.1	0.888 19.1	7.029 136.6	56.0	196.6	0.7870	13.272	3.14	0.242	30.4	177.3	2.9	0.273

1977
EARTH-SATURN

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
									ARRIVAL DATE = 2443980.0										
43450.0	43980.0	0.630	143.2	20.7	2.23	1.632	94.0	1.639	-1.547	353.5	476.1	0.988	NA	-2.83	0.928	169.3	159.9	9.1	0.908
		13.96	20.15	34.11	ONE	8.630	349.3	-5.3	10.0										
43460.0	43980.0	0.632	137.4	21.9	2.03	1.638	88.0	1.655	-1.510	3.2	115.7	0.9890	NA	-2.41	0.936	169.3	160.1	9.2	0.917
		14.03	20.37	34.40	ONE	8.630	349.3	-5.3	9.9										
									ARRIVAL DATE = 2444030.0										
43430.0	44030.0	0.628	148.2	21.4	3.30	1.566	103.2	1.427	-2.232	337.6	481.8	0.953	NA	-4.25	0.814	168.5	159.4	9.0	0.798
		13.91	17.36	31.27	ONE	9.401	350.8	-4.5	12.2										
43440.0	44030.0	0.592	144.8	21.5	2.69	1.573	98.0	1.454	-2.157	346.5	480.7	0.978	NA	-3.46	0.823	168.4	159.8	9.0	0.806
		12.99	17.57	30.56	ONE	9.401	350.8	-4.5	11.8										
43450.0	44030.0	0.574	139.7	22.4	2.33	1.579	92.5	1.472	-2.097	355.8	480.1	0.990	NA	-2.89	0.831	168.4	160.1	9.0	0.813
		12.56	17.75	30.30	ONE	9.401	350.8	-4.5	11.6										
43460.0	44030.0	0.582	133.3	23.5	2.11	1.584	86.6	1.481	-2.051	5.6	119.9	0.9870	NA	-2.45	0.838	168.5	160.2	9.0	0.820
		12.76	17.91	30.67	ONE	9.401	350.8	-4.5	11.5										
43470.0	44030.0	0.620	126.9	24.3	1.99	1.588	80.4	1.478	-2.016	16.0	120.2	0.9650	NA	-2.06	0.843	168.7	160.2	9.1	0.826
		13.70	18.05	31.75	ONE	9.401	350.8	-4.5	11.5										
									ARRIVAL DATE = 2444080.0										
43420.0	44080.0	0.626	148.6	24.8	4.82	1.521	106.4	1.291	-3.189	331.0	486.7	0.930	NA	-5.91	0.726	167.6	159.0	8.7	0.714
		13.86	15.31	29.17	ONE	10.116	352.4	-3.8	14.2										
43430.0	44080.0	0.578	146.1	23.3	3.52	1.527	101.6	1.315	-3.056	339.5	485.4	0.962	NA	-4.44	0.735	167.5	159.6	8.8	0.721
		12.65	15.49	28.14	ONE	10.116	352.4	-3.8	13.7										
43440.0	44080.0	0.545	142.0	23.3	2.84	1.533	96.6	1.333	-2.952	348.5	484.5	0.983	NA	-3.56	0.743	167.4	160.0	8.8	0.728
		11.83	15.65	27.48	ONE	10.116	352.4	-3.8	13.4										
43450.0	44080.0	0.532	136.2	24.1	2.44	1.538	91.2	1.345	-2.873	357.9	484.0	0.992	NA	-2.95	0.750	167.4	160.2	8.9	0.734
		11.52	15.80	27.30	ONE	10.116	352.4	-3.8	13.2										
43460.0	44080.0	0.546	129.3	25.0	2.20	1.542	85.5	1.350	-2.814	7.9	123.9	0.9840	NA	-2.48	0.754	167.6	160.3	9.0	0.738
		11.84	15.91	27.75	ONE	10.116	352.4	-3.8	13.1										
43470.0	44080.0	0.587	122.9	25.5	2.05	1.545	79.4	1.346	-2.773	18.5	124.4	0.9580	NA	-2.08	0.758	167.8	160.3	9.1	0.743
		12.89	16.01	28.90	ONE	10.116	352.4	-3.8	13.2										
									ARRIVAL DATE = 2444130.0										
43420.0	44130.0	0.585	147.4	27.1	5.28	1.491	105.0	1.209	-4.490	332.6	490.1	0.939	NA	-6.34	0.660	166.5	159.0	8.5	0.649
		12.83	13.80	26.63	ONE	10.381	354.0	-3.0	15.8										
43430.0	44130.0	0.539	144.1	25.2	3.78	1.496	100.3	1.226	-4.287	341.3	488.9	0.968	NA	-4.65	0.668	166.4	159.6	8.7	0.656
		11.67	13.94	25.61	ONE	10.381	354.0	-3.0	15.3										
43440.0	44130.0	0.509	139.2	25.1	3.00	1.501	95.3	1.239	-4.133	350.4	488.1	0.987	NA	-3.68	0.675	166.4	160.0	8.7	0.661
		10.94	14.07	25.01	ONE	10.381	354.0	-3.0	15.0										
43450.0	44130.0	0.500	132.7	25.7	2.55	1.505	90.0	1.247	-4.021	359.9	487.7	0.992	NA	-3.02	0.680	166.5	160.2	8.8	0.665
		10.74	14.17	24.91	ONE	10.381	354.0	-3.0	14.8										
43460.0	44130.0	0.518	125.6	26.2	2.28	1.508	84.4	1.249	-3.944	10.0	127.8	0.9810	NA	-2.52	0.683	166.6	160.3	8.9	0.669
		11.18	14.26	25.44	ONE	10.381	354.0	-3.0	14.8										
43470.0	44130.0	0.564	119.2	26.4	2.12	1.511	78.5	1.244	-3.897	20.7	128.4	0.9520	NA	-2.10	0.686	166.9	160.2	9.1	0.673
		12.30	14.34	26.65	ONE	10.381	354.0	-3.0	14.9										
43480.0	44130.0	0.635	114.8	26.2	2.04	1.512	72.3	1.233	-3.872	32.0	129.5	0.9030	NA	-1.72	0.687	167.3	160.0	9.3	0.676
		14.11	14.42	28.53	ONE	10.381	354.0	-3.0	15.2										
									ARRIVAL DATE = 2444180.0										
43410.0	44180.0	0.629	152.2	37.7	10.80	1.461	108.2	1.128	-7.093	325.8	494.7	0.911	NA	-12.00	0.595	165.6	157.8	7.4	0.589
		13.94	12.43	26.37	ONE	10.058	355.5	-2.2	18.4										
43420.0	44180.0	0.553	146.3	29.6	5.82	1.466	103.8	1.143	-6.631	334.1	493.3	0.947	NA	-6.84	0.603	165.4	159.0	8.3	0.594
		12.03	12.54	24.57	ONE	10.058	355.5	-2.2	17.5										
43430.0	44180.0	0.507	142.2	27.2	4.05	1.471	99.2	1.155	-6.286	342.9	492.3	0.974	NA	-4.88	0.610	165.4	159.6	8.5	0.599
		10.91	12.65	23.56	ONE	10.058	355.5	-2.2	17.0										
43440.0	44180.0	0.480	136.6	26.8	3.17	1.475	94.3	1.164	-6.035	352.1	491.5	0.990	NA	-3.81	0.615	165.3	160.0	8.6	0.603
		10.26	12.75	23.01	ONE	10.058	355.5	-2.2	16.7										
43450.0	44180.0	0.476	129.5	27.1	2.67	1.479	89.0	1.169	-5.861	1.8	131.2	0.9920	NA	-3.09	0.619	165.4	160.2	8.7	0.607
		10.16	12.83	22.99	ONE	10.058	355.5	-2.2	16.5										
43460.0	44180.0	0.498	122.1	27.3	2.37	1.481	83.5	1.170	-5.753	12.0	131.4	0.9780	NA	-2.56	0.622	165.6	160.3	8.9	0.610
		10.69	12.90	23.59	ONE	10.058	355.5	-2.2	16.5										
43470.0	44180.0	0.547	116.0	27.2	2.19	1.483	77.8	1.166	-5.699	22.7	132.1	0.9460	NA	-2.12	0.623	165.8	160.2	9.0	0.613
		11.88	12.96	24.85	ONE	10.058	355.5	-2.2	16.7										
43480.0	44180.0	0.620	112.0	26.7	2.09	1.485	71.7	1.157	-5.690	34.1	133.4	0.8950	NA	-1.73	0.623	166.3	159.9	9.3	0.615
		13.71	13.02	26.73	ONE	10.058	355.5	-2.2	17.1										

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2444230.0											
43410.0	44230.0	0.618	154.7	43.0	12.99	1.442	107.1	1.078	-11.738	327.0	497.6	0.919	NA	-14.16	0.546	164.4	157.3	6.7	0.542
		13.67	11.41	25.08	ONE	9.307	357.0	-1.5	20.4										
43420.0	44230.0	0.528	145.6	32.3	6.44	1.447	102.8	1.089	-10.732	335.5	496.4	0.953	NA	-7.42	0.553	164.3	158.8	8.0	0.545
		11.42	11.48	22.90	ONE	9.307	357.0	-1.5	19.3										
43430.0	44230.0	0.482	140.4	29.2	4.35	1.451	98.2	1.098	-10.022	344.3	495.4	0.978	NA	-5.14	0.559	164.2	159.5	8.4	0.549
		10.31	11.57	21.88	ONE	9.307	357.0	-1.5	18.8										
43440.0	44230.0	0.458	134.1	28.4	3.36	1.454	93.3	1.104	-9.533	353.7	494.8	0.992	NA	-3.95	0.563	164.2	159.9	8.5	0.553
		9.73	11.65	21.38	ONE	9.307	357.0	-1.5	18.5										
43450.0	44230.0	0.457	126.5	28.4	2.80	1.458	88.2	1.108	-9.219	3.4	134.6	0.991D	NA	-3.17	0.567	164.3	160.1	8.7	0.556
		9.72	11.71	21.43	ONE	9.307	357.0	-1.5	18.3										
43460.0	44230.0	0.483	119.1	28.3	2.46	1.460	82.8	1.108	-9.047	13.7	134.9	0.975D	NA	-2.61	0.568	164.5	160.2	8.8	0.558
		10.33	11.77	22.09	ONE	9.307	357.0	-1.5	18.3										
43470.0	44230.0	0.535	113.2	27.8	2.25	1.462	77.1	1.105	-8.994	24.5	135.6	0.941D	NA	-2.14	0.569	164.8	160.0	9.1	0.560
		11.58	11.81	23.39	ONE	9.307	357.0	-1.5	18.6										
43480.0	44230.0	0.609	109.6	27.1	2.14	1.463	71.2	1.098	-9.040	35.9	136.9	0.888D	NA	-1.74	0.569	165.2	159.7	9.3	0.563
		13.42	11.86	25.28	ONE	9.307	357.0	-1.5	19.0										
								ARRIVAL DATE = 2444280.0											
43410.0	44280.0	0.626	159.8	49.4	16.11	1.426	106.2	1.037	-25.045	328.2	500.5	0.927	NA	-17.24	0.502	163.1	156.5	5.9	0.501
		13.86	10.57	24.43	ONE	8.602	358.6	-0.7	22.6										
43420.0	44280.0	0.509	145.1	35.2	7.18	1.430	101.9	1.045	-21.499	336.7	499.3	0.959	NA	-8.13	0.509	163.0	158.5	7.7	0.503
		10.96	10.59	21.55	ONE	8.602	358.6	-0.7	21.2										
43430.0	44280.0	0.462	138.8	31.2	4.69	1.434	97.4	1.051	-19.288	345.7	498.4	0.982	NA	-5.44	0.514	163.0	159.3	8.2	0.506
		9.85	10.66	20.51	ONE	8.602	358.6	-0.7	20.6										
43440.0	44280.0	0.440	131.8	30.0	3.55	1.438	92.5	1.055	-17.908	355.0	497.9	0.993	NA	-4.10	0.518	163.0	159.8	8.5	0.509
		9.33	10.72	20.05	ONE	8.602	358.6	-0.7	20.3										
43450.0	44280.0	0.442	123.9	29.6	2.93	1.440	87.5	1.058	-17.107	4.9	137.8	0.990D	NA	-3.26	0.520	163.1	160.0	8.7	0.511
		9.38	10.77	20.16	ONE	8.602	358.6	-0.7	20.2										
43460.0	44280.0	0.471	116.4	29.1	2.55	1.442	82.2	1.058	-16.748	15.2	138.1	0.972D	NA	-2.65	0.522	163.3	160.0	8.9	0.513
		10.06	10.81	20.87	ONE	8.602	358.6	-0.7	20.2										
43470.0	44280.0	0.525	110.8	28.4	2.32	1.444	76.6	1.056	-16.755	26.1	138.9	0.936D	NA	-2.17	0.521	163.6	159.8	9.1	0.515
		11.34	10.85	22.20	ONE	8.602	358.6	-0.7	20.5										
43480.0	44280.0	0.600	107.7	27.5	2.20	1.445	70.7	1.052	-17.080	37.5	140.2	0.881D	NA	-1.75	0.520	164.1	159.4	9.4	0.517
		13.20	10.89	24.09	ONE	8.602	358.6	-0.7	20.9										
								ARRIVAL DATE = 2444330.0											
43420.0	44330.0	0.496	145.1	38.5	8.08	1.417	101.2	1.008	*******	337.8	502.1	0.963	NA	-8.98	0.469	161.7	158.2	7.4	0.465
		10.65	9.84	20.49	ONE	8.483	0.1	0.1	23.1										
43430.0	44330.0	0.447	137.5	33.3	5.06	1.420	96.6	1.013	-78.523	346.8	501.3	0.984	NA	-5.78	0.474	161.7	159.1	8.1	0.468
		9.49	9.89	19.38	ONE	8.483	0.1	0.1	22.5										
43440.0	44330.0	0.426	129.8	31.5	3.76	1.424	91.9	1.016	-62.949	356.3	500.9	0.994	NA	-4.27	0.477	161.7	159.5	8.4	0.470
		9.01	9.94	18.95	ONE	8.483	0.1	0.1	22.2										
43450.0	44330.0	0.431	121.5	30.7	3.06	1.426	86.9	1.018	-56.207	6.2	140.8	0.989D	NA	-3.36	0.479	161.8	159.7	8.7	0.472
		9.13	9.98	19.11	ONE	8.483	0.1	0.1	22.1										
43460.0	44330.0	0.463	114.0	29.8	2.65	1.428	81.6	1.018	-54.153	16.6	141.2	0.969D	NA	-2.71	0.480	162.0	159.7	8.9	0.474
		9.85	10.01	19.86	ONE	8.483	0.1	0.1	22.2										
43470.0	44330.0	0.518	108.8	28.8	2.40	1.429	76.2	1.017	-55.604	27.5	142.0	0.931D	NA	-2.20	0.479	162.4	159.5	9.2	0.475
		11.17	10.04	21.21	ONE	8.483	0.1	0.1	22.5										
43480.0	44330.0	0.593	106.0	27.8	2.25	1.430	70.4	1.014	-60.664	38.9	143.3	0.876D	NA	-1.76	0.478	162.9	159.1	9.5	0.477
		13.02	10.07	23.09	ONE	8.483	0.1	0.1	23.0										
								ARRIVAL DATE = 2444380.0											
43390.0	44380.0	0.629	130.9	0.5	-8.26	1.394	113.2	0.966	25.184	312.8	508.4	0.850	49.517A	6.82	0.415	160.7	158.1	13.0	0.420
		13.95	6.97	22.92	TWO	9.043	1.6	0.8	27.1										
43420.0	44380.0	0.489	145.7	42.2	9.18	1.406	100.5	0.978	43.391	338.7	504.7	0.967	85.815A	-10.05	0.434	160.3	157.6	7.1	0.432
		10.48	9.21	19.69	ONE	9.043	1.6	0.8	25.2										
43430.0	44380.0	0.435	136.4	35.4	5.49	1.409	96.0	0.981	51.452	347.8	504.0	0.986	101.917A	-6.16	0.438	160.3	158.7	8.0	0.434
		9.22	9.24	18.46	ONE	9.043	1.6	0.8	24.5										
43440.0	44380.0	0.415	128.0	33.0	3.99	1.412	91.3	0.983	59.080	357.3	503.6	0.994	117.167A	-4.46	0.441	160.3	159.2	8.4	0.436
		8.77	9.28	18.05	ONE	9.043	1.6	0.8	24.2										
43450.0	44380.0	0.422	119.4	31.7	3.21	1.414	86.4	0.985	64.322	7.3	143.6	0.988D	127.657A	-3.46	0.443	160.5	159.4	8.7	0.437
		8.93	9.31	18.24	ONE	9.043	1.6	0.8	24.1										
43460.0	44380.0	0.456	112.1	30.5	2.75	1.416	81.2	0.985	65.425	17.7	144.0	0.966D	129.885A	-2.77	0.443	160.7	159.4	9.0	0.439
		9.69	9.33	19.02	ONE	9.043	1.6	0.8	24.2										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43470.0	44380.0	0.512	107.1	29.2	2.47	1.417	75.8	0.985	62.203	28.6	144.8	0.9280	123.478A	-2.23	0.442	161.1	159.2	9.3	0.440
		11.02	9.36	20.38	ONE	9.043	1.6	0.8	24.6										
43480.0	44380.0	0.587	104.7	28.0	2.30	1.418	70.2	0.984	56.172	40.0	146.1	0.8710	111.473A	-1.78	0.440	161.6	158.7	9.7	0.441
		12.87	9.38	22.26	ONE	9.043	1.6	0.8	25.1										
ARRIVAL DATE = 2444430.0																			
43390.0	44430.0	0.612	130.6	1.6	-7.58	1.385	112.6	0.946	15.745	313.4	510.6	0.855	30.635A	6.17	0.384	159.2	157.7	13.1	0.391
		13.50	8.46	21.96	TWO	9.852	3.2	1.6	29.2										
43400.0	44430.0	0.633	129.6	-20.1	-16.87	1.389	108.7	0.948	17.268	321.5	509.3	0.900	33.637A	15.65	0.392	159.1	159.4	15.9	0.399
		14.06	8.59	22.65	TWO	9.852	3.2	1.6	29.3										
43420.0	44430.0	0.485	147.2	46.4	10.56	1.396	100.0	0.952	20.364	339.5	507.1	0.969	39.759A	-11.40	0.403	158.8	156.9	6.6	0.403
		10.46	8.67	19.13	ONE	9.852	3.2	1.6	27.4										
43430.0	44430.0	0.426	135.6	37.6	5.97	1.400	95.5	0.954	21.700	348.6	506.5	0.988	42.411A	-6.61	0.406	158.8	158.2	7.9	0.404
		9.02	8.68	17.71	ONE	9.852	3.2	1.6	26.6										
43440.0	44430.0	0.407	126.5	34.4	4.24	1.402	90.9	0.956	22.693	358.2	506.2	0.994	44.392A	-4.67	0.409	158.9	158.8	8.4	0.405
		8.58	8.71	17.30	ONE	9.852	3.2	1.6	26.3										
43450.0	44430.0	0.415	117.7	32.6	3.36	1.405	86.0	0.957	23.214	8.2	146.2	0.987D	45.441A	-3.57	0.410	159.0	159.0	8.7	0.407
		8.77	8.74	17.51	ONE	9.852	3.2	1.6	26.2										
43460.0	44430.0	0.456	110.5	31.0	2.85	1.406	80.9	0.958	23.197	18.7	146.6	0.964D	45.429A	-2.83	0.410	159.3	159.0	9.1	0.408
		9.56	8.76	18.32	ONE	9.852	3.2	1.6	26.3										
43470.0	44430.0	0.507	105.7	29.6	2.54	1.408	75.5	0.959	22.672	29.6	147.5	0.925D	44.420A	-2.26	0.409	159.7	158.7	9.4	0.409
		10.90	8.78	19.68	ONE	9.852	3.2	1.6	26.7										
43480.0	44430.0	0.582	103.7	28.3	2.36	1.408	70.0	0.960	21.756	40.9	148.7	0.868D	42.645A	-1.79	0.407	160.2	158.2	9.8	0.410
		12.75	8.80	21.55	ONE	9.852	3.2	1.6	27.3										
ARRIVAL DATE = 2444480.0																			
43380.0	44480.0	0.647	128.8	9.3	-4.76	1.375	116.1	0.928	11.240	305.6	514.2	0.808	21.672A	3.18	0.349	157.9	155.8	12.8	0.362
		14.41	7.96	22.37	TWO	10.411	4.7	2.3	32.4										
43390.0	44480.0	0.597	130.4	2.6	-7.02	1.378	112.2	0.928	11.987	313.8	512.8	0.859	23.115A	5.64	0.357	157.7	157.2	13.3	0.366
		13.13	8.02	21.15	TWO	10.411	4.7	2.3	31.4										
43400.0	44480.0	0.595	129.4	-15.2	-14.07	1.382	108.2	0.929	12.740	322.1	511.5	0.904	24.576A	12.89	0.364	157.5	158.9	15.5	0.372
		13.07	8.12	21.19	TWO	10.411	4.7	2.3	31.1										
43420.0	44480.0	0.496	150.0	51.3	12.36	1.389	99.6	0.931	14.115	340.2	509.5	0.972	27.258A	-13.16	0.374	157.3	156.0	6.0	0.377
		10.64	8.22	18.85	ONE	10.411	4.7	2.3	29.8										
43430.0	44480.0	0.421	135.2	40.0	6.53	1.392	95.1	0.932	14.644	349.4	508.9	0.989	28.298A	-7.13	0.378	157.3	157.6	7.7	0.377
		8.89	8.21	17.11	ONE	10.411	4.7	2.3	28.8										
43440.0	44480.0	0.400	125.3	35.9	4.51	1.394	90.5	0.934	15.004	359.0	508.6	0.995	29.013A	-4.90	0.380	157.4	158.3	8.4	0.378
		8.44	8.23	16.67	ONE	10.411	4.7	2.3	28.4										
43450.0	44480.0	0.410	116.3	33.5	3.52	1.396	85.7	0.935	15.162	9.0	148.7	0.986D	29.337A	-3.69	0.381	157.5	158.5	8.8	0.379
		8.65	8.25	16.90	ONE	10.411	4.7	2.3	28.4										
43460.0	44480.0	0.445	109.1	31.6	2.96	1.398	80.6	0.936	15.107	19.4	149.1	0.962D	29.251A	-2.90	0.380	157.8	158.5	9.2	0.380
		9.45	8.27	17.72	ONE	10.411	4.7	2.3	28.5										
43470.0	44480.0	0.503	104.7	29.9	2.62	1.399	75.3	0.938	14.854	30.3	149.9	0.922D	28.785A	-2.30	0.379	158.2	158.2	9.6	0.381
		10.80	8.29	19.09	ONE	10.411	4.7	2.3	28.9										
43480.0	44480.0	0.577	102.8	28.5	2.42	1.400	69.9	0.940	14.441	41.6	151.1	0.865D	28.017A	-1.81	0.376	158.7	157.7	10.0	0.382
		12.63	8.31	20.94	ONE	10.411	4.7	2.3	29.6										
ARRIVAL DATE = 2444530.0																			
43380.0	44530.0	0.637	128.7	9.5	-4.58	1.369	115.8	0.915	9.515	305.9	516.1	0.811	18.219A	3.02	0.325	156.2	155.2	13.1	0.340
		14.16	7.59	21.75	TWO	10.424	6.2	3.1	34.8										
43390.0	44530.0	0.585	130.3	3.4	-6.55	1.372	111.9	0.914	9.984	314.1	514.7	0.862	19.107A	5.19	0.332	156.0	156.6	13.5	0.343
		12.83	7.65	20.48	TWO	10.424	6.2	3.1	33.7										
43400.0	44530.0	0.568	129.4	-11.4	-12.11	1.376	107.9	0.913	10.440	322.5	513.5	0.907	19.974A	10.96	0.339	155.8	156.2	15.3	0.348
		12.40	7.72	20.13	TWO	10.424	6.2	3.1	33.2										
43420.0	44530.0	0.515	155.3	56.8	14.80	1.382	99.2	0.913	11.227	340.7	511.7	0.974	21.480A	-15.56	0.349	155.7	154.8	5.2	0.355
		11.10	7.84	18.93	ONE	10.424	6.2	3.1	32.4										
43430.0	44530.0	0.417	135.1	42.5	7.18	1.385	94.8	0.914	11.509	349.9	511.1	0.990	22.028A	-7.74	0.352	155.7	156.9	7.6	0.353
		8.82	7.81	16.63	ONE	10.424	6.2	3.1	31.1										
43440.0	44530.0	0.395	124.4	37.3	4.81	1.387	90.2	0.915	11.690	359.6	510.9	0.995	22.385A	-5.16	0.354	155.7	157.7	8.4	0.354
		8.33	7.82	16.15	ONE	10.424	6.2	3.1	30.7										
43450.0	44530.0	0.405	115.2	34.4	3.70	1.390	85.4	0.916	11.755	9.6	151.0	0.985D	22.525A	-3.83	0.354	155.9	157.9	8.9	0.355
		8.55	7.84	16.38	ONE	10.424	6.2	3.1	30.6										
43460.0	44530.0	0.441	108.1	32.1	3.07	1.391	80.4	0.918	11.702	20.1	151.4	0.961D	22.443A	-2.97	0.354	156.2	157.9	9.3	0.356
		9.36	7.85	17.21	ONE	10.424	6.2	3.1	30.8										
43470.0	44530.0	0.499	103.8	30.2	2.70	1.392	75.2	0.920	11.539	30.9	152.2	0.920D	22.159A	-2.34	0.352	156.6	157.6	9.8	0.357
		10.71	7.87	18.58	ONE	10.424	6.2	3.1	31.2										

DEPART	ARRIVE	SPEED / DV1	H A / DV2	DECL / DVT	I 1 / LEG	V 1 / COIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43480.0	44530.0	0.573	102.2	28.6	2.47	1.393	69.8	0.923	11.287	42.1	153.3	0.8630	21.710A	-1.83	0.349	157.1	157.1	10.3	0.358
		12.52	7.89	20.41	ONE	10.424	6.2	3.1	31.9										
ARRIVAL DATE = 2444580.0																			
43380.0	44580.0	0.629	128.6	9.8	-4.41	1.364	115.5	0.903	8.424	306.0	517.9	0.813	16.035A	2.87	0.302	154.4	154.4	13.5	0.320
		13.96	7.28	21.24	TWO	9.873	7.7	3.8	37.2										
43390.0	44580.0	0.576	130.2	4.2	-6.15	1.367	111.6	0.901	8.751	314.3	516.6	0.864	16.638A	4.82	0.310	154.2	155.9	13.7	0.323
		12.60	7.33	19.92	TWO	9.873	7.7	3.8	36.1										
43400.0	44580.0	0.549	129.4	-8.5	-10.66	1.370	107.6	0.900	9.061	322.8	515.5	0.909	17.214A	9.53	0.316	154.1	157.5	15.2	0.327
		11.92	7.39	19.31	TWO	9.873	7.7	3.8	35.4										
43420.0	44580.0	0.553	165.5	62.9	18.28	1.377	98.9	0.898	9.577	341.2	513.7	0.975	18.178A	-19.01	0.325	153.9	153.2	4.0	0.336
		12.02	7.54	19.56	ONE	9.873	7.7	3.8	35.4										
43430.0	44580.0	0.417	135.5	45.3	7.95	1.379	94.6	0.898	9.753	350.4	513.3	0.991	18.515A	-8.47	0.328	153.9	156.1	7.4	0.332
		8.81	7.47	16.28	ONE	9.873	7.7	3.8	33.5										
43440.0	44580.0	0.391	123.8	38.8	5.15	1.382	90.0	0.899	9.860	0.0	153.0	0.9950	18.725A	-5.46	0.330	154.0	157.0	8.5	0.332
		8.25	7.47	15.72	ONE	9.873	7.7	3.8	33.0										
43450.0	44580.0	0.401	114.3	35.2	3.88	1.384	85.2	0.900	9.890	10.1	153.1	0.9850	18.796A	-3.98	0.330	154.2	157.3	9.0	0.333
		8.46	7.48	15.95	ONE	9.873	7.7	3.8	32.9										
43460.0	44580.0	0.438	107.3	32.6	3.19	1.385	80.3	0.902	9.843	20.5	153.6	0.9600	18.726A	-3.05	0.330	154.5	157.2	9.5	0.334
		9.28	7.50	16.78	ONE	9.873	7.7	3.8	33.2										
43470.0	44580.0	0.495	103.2	30.5	2.78	1.387	75.1	0.905	9.724	31.3	154.3	0.9190	18.529A	-2.38	0.328	154.9	156.9	10.0	0.335
		10.62	7.51	18.13	ONE	9.873	7.7	3.8	33.6										
43480.0	44580.0	0.569	101.8	28.8	2.53	1.387	69.8	0.910	9.545	42.5	155.4	0.8620	18.228A	-1.85	0.325	155.5	156.4	10.5	0.336
		12.41	7.53	19.95	ONE	9.873	7.7	3.8	34.3										
ARRIVAL DATE = 2444630.0																			
43380.0	44630.0	0.623	128.7	10.0	-4.26	1.360	115.4	0.894	7.679	306.0	519.7	0.814	14.544A	2.75	0.282	152.5	153.6	13.8	0.302
		13.80	7.02	20.81	TWO	9.068	9.2	4.6	39.8										
43390.0	44630.0	0.568	130.2	4.8	-5.80	1.363	111.4	0.891	7.923	314.4	518.4	0.866	14.981A	4.50	0.289	152.3	155.1	14.0	0.305
		12.41	7.05	19.46	TWO	9.068	9.2	4.6	38.6										
43400.0	44630.0	0.535	129.5	-6.2	-9.54	1.366	107.4	0.888	8.151	323.0	517.3	0.910	15.391A	8.45	0.295	152.2	156.7	15.3	0.308
		11.57	7.10	18.67	TWO	9.068	9.2	4.6	37.8										
43420.0	44630.0	0.624	186.5	68.4	23.60	1.372	98.6	0.885	8.519	341.6	515.7	0.976	16.061A	-24.29	0.304	152.1	150.8	2.3	0.322
		13.83	7.32	21.14	ONE	9.068	9.2	4.6	38.9										
43430.0	44630.0	0.420	136.5	48.4	8.86	1.374	94.4	0.885	8.640	350.7	515.2	0.991	16.289A	-9.36	0.307	152.1	155.2	7.2	0.313
		8.87	7.17	16.05	ONE	9.068	9.2	4.6	35.9										
43440.0	44630.0	0.389	123.5	40.3	5.52	1.377	89.8	0.886	8.710	0.4	155.1	0.9950	16.425A	-5.79	0.308	152.2	156.2	8.5	0.313
		8.20	7.17	15.37	ONE	9.068	9.2	4.6	35.4										
43450.0	44630.0	0.398	113.8	36.1	4.08	1.379	85.1	0.887	8.724	10.4	155.2	0.9840	16.464A	-4.14	0.309	152.4	156.5	9.2	0.313
		8.40	7.18	15.58	ONE	9.068	9.2	4.6	35.4										
43460.0	44630.0	0.435	106.8	33.1	3.32	1.380	80.2	0.890	8.683	20.8	155.6	0.9590	16.407A	-3.14	0.308	152.7	156.5	9.7	0.314
		9.21	7.19	16.40	ONE	9.068	9.2	4.6	35.6										
43470.0	44630.0	0.492	102.8	30.8	2.87	1.382	75.1	0.893	8.589	31.6	156.3	0.9180	16.260A	-2.43	0.306	153.1	156.2	10.2	0.315
		10.54	7.21	17.74	ONE	9.068	9.2	4.6	36.1										
43480.0	44630.0	0.564	101.5	29.0	2.59	1.382	69.8	0.898	8.452	42.7	157.3	0.8620	16.042A	-1.88	0.303	153.7	155.6	10.8	0.316
		12.31	7.23	19.54	ONE	9.068	9.2	4.6	36.8										
43490.0	44630.0	0.648	102.3	27.7	2.43	1.382	64.4	0.905	8.281	54.2	158.6	0.7900	15.771A	-1.41	0.298	154.4	154.8	11.4	0.318
		14.44	7.25	21.70	ONE	9.068	9.2	4.6	37.8										
ARRIVAL DATE = 2444680.0																			
43380.0	44680.0	0.619	128.8	10.2	-4.12	1.356	115.2	0.886	7.144	306.0	521.3	0.815	13.472A	2.63	0.264	150.5	152.7	14.2	0.287
		13.68	6.79	20.47	TWO	8.571	10.7	5.3	42.5										
43390.0	44680.0	0.563	130.3	5.4	-5.50	1.359	111.3	0.882	7.335	314.4	520.1	0.867	13.803A	4.23	0.271	150.4	154.2	14.4	0.288
		12.26	6.82	19.08	TWO	8.571	10.7	5.3	41.2										
43400.0	44680.0	0.524	129.7	-4.3	-8.65	1.362	107.2	0.879	7.511	323.0	519.1	0.911	14.110A	7.59	0.276	150.3	155.9	15.5	0.291
		11.31	6.85	18.16	TWO	8.571	10.7	5.3	40.3										
43410.0	44680.0	0.617	125.6	-34.5	-21.41	1.365	103.2	0.876	7.665	331.7	518.2	0.947	14.382A	20.55	0.281	150.2	158.2	20.9	0.301
		13.63	7.00	20.63	TWO	8.571	10.7	5.3	41.3										
43430.0	44680.0	0.426	138.1	51.9	10.02	1.370	94.2	0.874	7.879	350.9	517.1	0.992	14.766A	-10.46	0.287	150.2	154.0	6.9	0.296
		9.02	6.92	15.94	ONE	8.571	10.7	5.3	38.6										
43440.0	44680.0	0.388	123.5	41.9	5.94	1.373	89.7	0.875	7.928	0.6	156.9	0.9950	14.861A	-6.18	0.289	150.3	155.3	8.5	0.295
		8.17	6.91	15.09	ONE	8.571	10.7	5.3	37.9										
43450.0	44680.0	0.396	113.4	37.0	4.30	1.375	85.0	0.876	7.934	10.6	157.0	0.9840	14.884A	-4.32	0.289	150.5	155.7	9.4	0.296
		8.34	6.92	15.26	ONE	8.571	10.7	5.3	37.9										
43460.0	44680.0	0.432	106.4	33.6	3.45	1.376	80.2	0.879	7.897	21.0	157.4	0.9590	14.836A	-3.23	0.288	150.8	155.7	10.0	0.296
		9.14	6.93	16.07	ONE	8.571	10.7	5.3	38.1										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43470.0	44680.0	0.488	102.5	31.1	2.95	1.377	75.1	0.883	7.821	31.8	158.1	0.918D	14.723A	-2.48	0.286	151.2	155.3	10.5	0.297
		10.45	6.95	17.40	ONE	8.571	10.7	5.3	38.6										
43480.0	44680.0	0.560	101.4	29.2	2.65	1.378	69.9	0.888	7.709	42.9	159.1	0.862D	14.557A	-1.90	0.282	151.8	154.7	11.1	0.299
		12.20	6.97	19.17	ONE	8.571	10.7	5.3	39.4										
43490.0	44680.0	0.643	102.3	27.8	2.48	1.378	64.5	0.895	7.571	54.2	160.3	0.791D	14.351A	-1.42	0.278	152.5	153.9	11.7	0.301
		14.31	6.99	21.30	ONE	8.571	10.7	5.3	40.4										
ARRIVAL DATE = 2444730.0																			
43380.0	44730.0	0.615	128.9	10.4	-3.99	1.353	115.2	0.879	6.744	305.8	522.8	0.815	12.673A	2.53	0.247	148.4	151.7	14.6	0.273
		13.59	6.60	20.19	TWO	8.775	12.2	6.0	45.2										
43390.0	44730.0	0.558	130.5	5.9	-5.23	1.356	111.2	0.874	6.899	314.4	521.7	0.867	12.932A	3.99	0.253	148.3	153.3	14.8	0.274
		12.15	6.62	18.77	TWO	8.775	12.2	6.0	43.8										
43400.0	44730.0	0.515	130.0	-2.7	-7.93	1.359	107.2	0.870	7.041	323.0	520.7	0.912	13.170A	6.89	0.259	148.2	154.9	15.7	0.276
		11.11	6.64	17.75	TWO	8.775	12.2	6.0	42.9										
43410.0	44730.0	0.559	125.9	-27.0	-17.26	1.362	103.1	0.868	7.164	331.8	519.9	0.948	13.379A	16.44	0.264	148.2	157.1	19.8	0.282
		12.18	6.73	18.92	TWO	8.775	12.2	6.0	43.1										
43430.0	44730.0	0.438	140.9	55.9	11.45	1.367	94.2	0.865	7.331	351.0	518.9	0.992	13.670A	-11.86	0.270	148.2	152.7	6.4	0.281
		9.28	6.72	15.99	ONE	8.775	12.2	6.0	41.3										
43440.0	44730.0	0.388	123.7	43.7	6.42	1.369	89.7	0.865	7.367	0.7	158.7	0.995D	13.740A	-6.62	0.271	148.3	154.3	8.6	0.280
		8.17	6.69	14.87	ONE	8.775	12.2	6.0	40.5										
43450.0	44730.0	0.394	113.3	37.9	4.54	1.371	85.0	0.866	7.369	10.8	158.8	0.984D	13.754A	-4.52	0.271	148.5	154.7	9.5	0.280
		8.30	6.70	15.00	ONE	8.775	12.2	6.0	40.4										
43460.0	44730.0	0.429	106.3	34.1	3.59	1.373	80.2	0.869	7.336	21.1	159.2	0.959D	13.714A	-3.34	0.270	148.8	154.8	10.2	0.281
		9.07	6.71	15.78	ONE	8.775	12.2	6.0	40.7										
43470.0	44730.0	0.465	102.5	31.4	3.05	1.374	75.2	0.874	7.271	31.8	159.8	0.918D	13.624A	-2.54	0.268	149.2	154.4	10.8	0.282
		10.37	6.72	17.09	ONE	8.775	12.2	6.0	41.2										
43480.0	44730.0	0.556	101.4	29.4	2.71	1.375	70.0	0.880	7.178	42.8	160.7	0.863D	13.493A	-1.93	0.264	149.7	153.8	11.4	0.283
		12.10	6.74	18.84	ONE	8.775	12.2	6.0	42.0										
43490.0	44730.0	0.638	102.4	27.9	2.52	1.375	64.7	0.888	7.062	54.1	161.8	0.793D	13.332A	-1.43	0.260	150.5	152.9	12.1	0.285
		14.17	6.77	20.94	ONE	8.775	12.2	6.0	43.1										
ARRIVAL DATE = 2444780.0																			
43380.0	44780.0	0.613	129.1	10.6	-3.88	1.350	115.2	0.874	6.438	305.6	524.2	0.814	12.062A	2.44	0.231	146.1	150.6	15.1	0.260
		13.54	6.43	19.97	TWO	9.508	13.7	6.8	48.0										
43390.0	44780.0	0.555	130.7	6.4	-5.00	1.353	111.2	0.868	6.568	314.2	523.2	0.867	12.269A	3.78	0.238	146.0	152.2	15.2	0.261
		12.07	6.44	18.51	TWO	9.508	13.7	6.8	46.6										
43400.0	44780.0	0.509	130.3	-1.3	-7.33	1.356	107.1	0.864	6.685	322.9	522.3	0.912	12.459A	6.32	0.243	146.0	153.9	16.0	0.263
		10.96	6.46	17.42	TWO	9.508	13.7	6.8	45.5										
43410.0	44780.0	0.524	126.5	-21.3	-14.48	1.359	103.0	0.860	6.786	331.8	521.5	0.948	12.624A	13.69	0.248	146.0	155.9	19.2	0.267
		11.32	6.52	17.84	TWO	9.508	13.7	6.8	45.4										
43430.0	44780.0	0.456	145.4	60.4	13.31	1.364	94.1	0.857	6.921	351.1	520.5	0.992	12.851A	-13.69	0.254	146.0	151.2	5.7	0.269
		9.70	6.54	16.25	ONE	9.508	13.7	6.8	44.2										
43440.0	44780.0	0.389	124.3	45.6	6.97	1.366	89.7	0.857	6.950	0.7	160.4	0.995D	12.904A	-7.13	0.255	146.2	153.2	8.6	0.266
		8.20	6.51	14.70	ONE	9.508	13.7	6.8	43.2										
43450.0	44780.0	0.392	113.4	38.8	4.80	1.368	85.0	0.858	6.949	10.8	160.5	0.984D	12.914A	-4.74	0.255	146.3	153.7	9.7	0.266
		8.26	6.51	14.77	ONE	9.508	13.7	6.8	43.1										
43460.0	44780.0	0.426	106.3	34.6	3.74	1.370	80.2	0.861	6.920	21.1	160.8	0.959D	12.880A	-3.45	0.254	146.6	153.8	10.5	0.267
		9.01	6.52	15.53	ONE	9.508	13.7	6.8	43.3										
43470.0	44780.0	0.481	102.5	31.7	3.14	1.371	75.3	0.866	6.863	31.8	161.4	0.919D	12.807A	-2.60	0.251	147.0	153.4	11.1	0.268
		10.29	6.53	16.82	ONE	9.508	13.7	6.8	43.9										
43480.0	44780.0	0.552	101.5	29.6	2.78	1.372	70.2	0.873	6.783	42.7	162.2	0.864D	12.702A	-1.96	0.248	147.6	152.8	11.8	0.269
		11.99	6.55	18.54	ONE	9.508	13.7	6.8	44.7										
43490.0	44780.0	0.633	102.5	28.0	2.56	1.372	64.9	0.881	6.684	53.9	163.3	0.795D	12.573A	-1.44	0.243	148.4	151.9	12.5	0.271
		14.03	6.58	20.61	ONE	9.508	13.7	6.8	45.8										
ARRIVAL DATE = 2444830.0																			
43380.0	44830.0	0.612	129.4	10.8	-3.77	1.348	115.3	0.869	6.199	305.3	525.6	0.813	11.585A	2.[illegible]	0.217	143.7	149.4	15.6	0.249
		13.51	6.29	19.80	TWO	10.262	15.2	7.5	50.9										
43390.0	44830.0	0.553	131.0	6.8	-4.78	1.351	111.2	0.863	6.310	314.0	524.6	0.866	11.753A	3.59	0.224	143.7	151.1	15.6	0.250
		12.02	6.30	18.32	TWO	10.262	15.2	7.5	49.4										
43400.0	44830.0	0.505	130.7	-0.2	-6.82	1.354	107.1	0.858	6.409	322.8	523.7	0.911	11.908A	5.85	0.229	143.7	152.8	16.3	0.251
		10.85	6.31	17.16	TWO	10.262	15.2	7.5	48.3										
43410.0	44830.0	0.501	127.2	-16.9	-12.49	1.356	103.0	0.854	6.495	331.7	523.0	0.948	12.041A	11.73	0.234	143.7	154.7	19.0	0.254
		10.77	6.35	17.12	TWO	10.262	15.2	7.5	47.9										
43430.0	44830.0	0.486	153.4	65.6	15.83	1.361	94.1	0.850	6.608	351.1	522.1	0.992	12.223A	-16.17	0.239	143.8	149.4	4.8	0.258
		10.40	6.41	16.81	ONE	10.262	15.2	7.5	47.3										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43440.0	44830.0	0.391	125.2	47.8	7.61	1.364	89.7	0.850	6.630	0.7	162.0	0.995D	12.265A	-7.73	0.240	143.9	152.0	8.5	0.254
		8.25	6.35	14.60	ONE	10.262	15.2	7.5	46.0										
43450.0	44830.0	0.391	113.7	39.9	5.08	1.366	85.1	0.852	6.628	10.7	162.0	0.984D	12.272A	-4.99	0.240	144.1	152.7	9.9	0.253
		8.23	6.34	14.58	ONE	10.262	15.2	7.5	45.8										
43460.0	44830.0	0.423	106.5	35.2	3.90	1.367	80.3	0.855	6.602	21.0	162.4	0.959D	12.244A	-3.57	0.239	144.4	152.7	10.8	0.254
		8.95	6.35	15.31	ONE	10.262	15.2	7.5	46.1										
43470.0	44830.0	0.478	102.7	32.0	3.24	1.368	75.4	0.860	6.552	31.6	162.9	0.920D	12.184A	-2.66	0.236	144.8	152.4	11.5	0.255
		10.20	6.37	16.57	ONE	10.262	15.2	7.5	46.6										
43480.0	44830.0	0.547	101.7	29.8	2.85	1.369	70.3	0.866	6.482	42.5	163.7	0.866D	12.098A	-2.00	0.233	145.3	151.8	12.2	0.257
		11.88	6.39	18.27	ONE	10.262	15.2	7.5	47.4										
43490.0	44830.0	0.627	102.8	28.1	2.61	1.369	65.1	0.875	6.395	53.6	164.7	0.798D	11.993A	-1.46	0.228	146.1	150.9	12.9	0.259
		13.89	6.42	20.31	ONE	10.262	15.2	7.5	48.5										
ARRIVAL DATE = 2444880.0																			
43380.0	44880.0	0.612	129.7	10.9	-3.67	1.346	115.3	0.865	6.009	305.0	526.9	0.811	11.207A	2.28	0.204	141.2	148.2	16.1	0.239
		13.50	6.17	19.67	TWO	10.605	16.7	8.2	53.8										
43390.0	44880.0	0.552	131.4	7.1	-4.59	1.349	111.3	0.858	6.106	313.7	526.0	0.864	11.347A	3.43	0.211	141.2	149.9	16.1	0.240
		12.00	6.17	18.16	TWO	10.605	16.7	8.2	52.3										
43400.0	44880.0	0.502	131.2	0.9	-6.38	1.352	107.2	0.853	6.192	322.5	525.1	0.910	11.474A	5.44	0.216	141.3	151.6	16.7	0.240
		10.77	6.18	16.95	TWO	10.605	16.7	8.2	51.1										
43410.0	44880.0	0.486	127.9	-13.4	-10.99	1.354	103.1	0.849	6.265	331.5	524.4	0.947	11.584A	10.26	0.220	141.3	153.5	18.9	0.242
		10.40	6.21	16.61	TWO	10.605	16.7	8.2	50.5										
43430.0	44880.0	0.535	168.7	71.0	19.40	1.359	94.1	0.844	6.362	351.0	523.6	0.992	11.732A	-19.70	0.226	141.4	147.2	3.4	0.251
		11.57	6.31	17.88	ONE	10.605	16.7	8.2	50.8										
43440.0	44880.0	0.396	126.6	50.2	8.36	1.362	89.8	0.844	6.381	0.5	163.4	0.995D	11.767A	-8.45	0.227	141.6	150.7	8.4	0.243
		8.34	6.21	14.55	ONE	10.605	16.7	8.2	48.8										
43450.0	44880.0	0.390	114.3	41.0	5.40	1.364	85.2	0.846	6.378	10.5	163.5	0.984D	11.771A	-5.27	0.227	141.8	151.5	10.1	0.242
		8.22	6.20	14.42	ONE	10.605	16.7	8.2	48.6										
43460.0	44880.0	0.421	106.9	35.8	4.07	1.365	80.5	0.849	6.354	20.8	163.8	0.960D	11.748A	-3.71	0.225	142.0	151.6	11.1	0.243
		8.90	6.21	15.11	ONE	10.605	16.7	8.2	48.8										
43470.0	44880.0	0.474	103.0	32.3	3.35	1.366	75.6	0.854	6.310	31.4	164.3	0.921D	11.698A	-2.73	0.223	142.4	151.3	11.8	0.244
		10.12	6.23	16.35	ONE	10.605	16.7	8.2	49.4										
43480.0	44880.0	0.543	102.0	30.0	2.91	1.367	70.5	0.861	6.247	42.2	165.0	0.868D	11.627A	-2.03	0.219	142.9	150.7	12.6	0.246
		11.77	6.25	18.01	ONE	10.605	16.7	8.2	50.2										
43490.0	44880.0	0.622	103.1	28.2	2.65	1.367	65.4	0.870	6.170	53.2	165.9	0.800D	11.540A	-1.48	0.215	143.6	149.8	13.3	0.248
		13.75	6.28	20.03	ONE	10.605	16.7	8.2	51.3										
ARRIVAL DATE = 2444930.0																			
43380.0	44930.0	0.613	130.1	11.0	-3.57	1.345	115.5	0.862	5.857	304.6	528.1	0.808	10.905A	2.21	0.193	138.6	147.0	16.6	0.231
		13.52	6.07	19.59	TWO	10.351	18.2	8.9	56.7										
43390.0	44930.0	0.552	131.8	7.5	-4.41	1.347	111.4	0.855	5.942	313.3	527.2	0.863	11.022A	3.28	0.199	138.6	148.7	16.6	0.231
		11.99	6.06	18.05	TWO	10.351	18.2	8.9	55.2										
43400.0	44930.0	0.500	131.7	1.7	-6.00	1.350	107.3	0.849	6.018	322.2	526.5	0.909	11.128A	5.09	0.204	138.7	150.4	17.1	0.231
		10.73	6.06	16.79	TWO	10.351	18.2	8.9	54.0										
43410.0	44930.0	0.475	128.6	-10.5	-9.83	1.352	103.1	0.844	6.083	331.2	525.8	0.947	11.219A	9.13	0.208	138.8	152.2	19.0	0.232
		10.15	6.08	16.23	TWO	10.351	18.2	8.9	53.7										
43430.0	44930.0	0.617	200.1	74.6	24.83	1.357	94.2	0.839	6.167	350.8	525.0	0.992	11.342A	-25.09	0.214	139.0	144.3	1.3	0.248
		13.65	6.28	19.92	ONE	10.351	18.2	8.9	54.6										
43440.0	44930.0	0.402	128.4	53.0	9.27	1.360	89.9	0.839	6.183	0.3	164.8	0.995C	11.371A	-9.32	0.215	139.1	149.3	8.3	0.233
		8.49	6.10	14.58	ONE	10.351	18.2	8.9	51.7										
43450.0	44930.0	0.389	115.0	42.2	5.75	1.362	85.3	0.841	6.180	10.3	164.9	0.985D	11.375A	-5.58	0.215	139.3	150.3	10.3	0.233
		8.21	6.08	14.29	ONE	10.351	18.2	8.9	51.4										
43460.0	44930.0	0.418	107.4	36.4	4.25	1.363	80.6	0.844	6.158	20.5	165.2	0.961D	11.355A	-3.85	0.213	139.5	150.4	11.4	0.233
		8.84	6.09	14.93	ONE	10.351	18.2	8.9	51.6										
43470.0	44930.0	0.470	103.4	32.7	3.46	1.364	75.8	0.849	6.118	31.1	165.6	0.922D	11.314A	-2.81	0.211	139.9	150.2	12.2	0.234
		10.03	6.10	16.14	ONE	10.351	18.2	8.9	52.2										
43480.0	44930.0	0.538	102.4	30.2	2.98	1.365	70.8	0.857	6.062	41.8	166.3	0.870D	11.255A	-2.07	0.207	140.4	149.5	13.0	0.236
		11.65	6.13	17.78	ONE	10.351	18.2	8.9	53.0										
43490.0	44930.0	0.616	103.4	28.4	2.70	1.366	65.6	0.866	5.993	52.8	167.1	0.804D	11.182A	-1.50	0.202	141.0	148.7	13.7	0.239
		13.61	6.16	19.76	ONE	10.351	18.2	8.9	54.1										
ARRIVAL DATE = 2444980.0																			
43380.0	44980.0	0.614	130.5	11.1	-3.48	1.343	115.7	0.860	5.736	304.1	529.3	0.806	10.662A	2.14	0.182	135.7	145.7	17.1	0.224
		13.56	5.98	19.54	TWO	9.627	19.7	9.6	59.7										
43390.0	44980.0	0.552	132.2	7.8	-4.25	1.346	111.6	0.852	5.810	312.9	528.5	0.860	10.760A	3.15	0.188	135.9	147.4	17.1	0.223
		12.01	5.97	17.98	TWO	9.627	19.7	9.6	58.2										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / COIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43400.0	44980.0	0.499	132.2	7.5	-5.67	1.348	107.4	0.846	5.878	321.8	527.7	0.907	10.849A	4.79	0.193	136.0	149.1	17.5	0.223
		10.71	5.97	16.68	TWO	9.627	19.7	9.6	56.9										
43410.0	44980.0	0.468	129.4	-8.2	-8.89	1.351	103.3	0.841	5.936	330.9	527.1	0.945	10.926A	8.23	0.198	136.2	150.9	19.1	0.224
		9.98	5.98	15.96	TWO	9.627	19.7	9.6	56.0										
43420.0	44980.0	0.587	121.6	-39.7	-21.82	1.354	99.1	0.837	5.980	339.9	526.6	0.973	10.988A	21.37	0.201	136.3	153.8	26.0	0.235
		12.86	6.12	18.98	TWO	9.627	19.7	9.6	57.1										
43440.0	44980.0	0.412	130.9	56.1	10.38	1.358	90.0	0.835	6.024	360.0	526.2	0.995	11.054A	-10.40	0.204	136.5	147.7	8.0	0.225
		8.70	6.00	14.70	ONE	9.627	19.7	9.6	54.7										
43450.0	44980.0	0.390	115.9	43.6	6.15	1.360	85.5	0.836	6.021	9.9	166.2	0.985D	11.057A	-5.94	0.204	136.7	149.0	10.4	0.224
		8.21	5.98	14.19	ONE	9.627	19.7	9.6	54.3										
43460.0	44980.0	0.416	108.0	37.1	4.45	1.362	80.8	0.840	6.001	20.2	166.5	0.962D	11.041A	-4.02	0.202	137.0	149.2	11.7	0.224
		8.79	5.99	14.78	ONE	9.627	19.7	9.6	54.5										
43470.0	44980.0	0.467	103.9	33.0	3.57	1.363	76.0	0.845	5.965	30.7	166.9	0.924D	11.006A	-2.89	0.200	137.3	149.0	12.6	0.225
		9.95	6.00	15.95	ONE	9.627	19.7	9.6	55.0										
43480.0	44980.0	0.533	102.8	30.4	3.06	1.364	71.0	0.852	5.915	41.4	167.5	0.872D	10.957A	-2.12	0.196	137.7	148.4	13.4	0.227
		11.53	6.02	17.56	ONE	9.627	19.7	9.6	55.9										
43490.0	44980.0	0.610	103.9	28.5	2.75	1.364	65.9	0.862	5.852	52.3	168.3	0.807D	10.896A	-1.52	0.191	138.3	147.5	14.1	0.230
		13.46	6.06	19.51	ONE	9.627	19.7	9.6	57.0										

ARRIVAL DATE = 2445030.0

43380.0	45030.0	0.616	130.9	11.2	-3.40	1.342	115.9	0.858	5.634	303.6	530.4	0.802	10.466A	2.08	0.172	132.8	144.3	17.6	0.217
		13.62	5.91	19.53	TWO	8.887	21.2	10.3	62.7										
43390.0	45030.0	0.554	132.7	8.0	-4.10	1.344	111.7	0.850	5.703	312.4	529.6	0.858	10.549A	3.03	0.178	133.0	146.1	17.5	0.216
		12.04	5.90	17.94	TWO	8.887	21.2	10.3	61.1										
43400.0	45030.0	0.499	132.8	3.2	-5.37	1.347	107.6	0.843	5.765	321.4	528.9	0.905	10.624A	4.53	0.184	133.2	147.8	18.0	0.216
		10.71	5.89	16.60	TWO	8.887	21.2	10.3	59.8										
43410.0	45030.0	0.463	130.3	-6.2	-8.13	1.350	103.4	0.838	5.817	330.5	528.3	0.944	10.689A	7.50	0.188	133.4	149.5	19.3	0.216
		9.86	5.90	15.76	TWO	8.887	21.2	10.3	58.9										
43420.0	45030.0	0.527	123.1	-31.8	-17.64	1.352	99.3	0.834	5.857	339.6	527.8	0.972	10.742A	17.23	0.191	133.6	152.2	24.7	0.223
		11.39	5.98	17.37	TWO	8.887	21.2	10.3	59.2										
43440.0	45030.0	0.426	134.4	59.8	11.77	1.357	90.2	0.831	5.896	359.6	527.4	0.995	10.798A	-11.75	0.194	133.9	146.1	7.5	0.219
		9.01	5.92	14.93	ONE	8.887	21.2	10.3	57.7										
43450.0	45030.0	0.390	117.1	45.0	6.60	1.359	85.7	0.833	5.893	9.6	167.5	0.986D	10.801A	-6.36	0.194	134.0	147.7	10.5	0.216
		8.23	5.90	14.12	ONE	8.887	21.2	10.3	57.2										
43460.0	45030.0	0.414	108.8	37.8	4.67	1.360	81.0	0.836	5.875	19.8	167.7	0.963D	10.787A	-4.20	0.192	134.2	148.0	12.0	0.217
		8.74	5.90	14.64	ONE	8.887	21.2	10.3	57.4										
43470.0	45030.0	0.463	104.5	33.4	3.69	1.362	76.2	0.841	5.842	30.2	168.1	0.926D	10.758A	-2.98	0.190	134.5	147.8	12.9	0.218
		9.86	5.91	15.77	ONE	8.887	21.2	10.3	57.9										
43480.0	45030.0	0.528	103.4	30.6	3.13	1.362	71.3	0.849	5.796	40.9	168.6	0.875D	10.717A	-2.16	0.186	134.9	147.2	13.7	0.220
		11.41	5.94	17.35	ONE	8.887	21.2	10.3	58.7										
43490.0	45030.0	0.604	104.4	28.6	2.80	1.363	66.2	0.859	5.738	51.7	169.3	0.811D	10.665A	-1.54	0.181	135.5	146.3	14.5	0.223
		13.31	5.97	19.28	ONE	8.887	21.2	10.3	59.8										

ARRIVAL DATE = 2445080.0

43380.0	45080.0	0.619	131.4	11.3	-3.32	1.341	116.1	0.856	5.553	303.0	531.4	0.798	10.307A	2.03	0.164	129.7	143.0	18.0	0.212
		13.70	5.85	19.54	TWO	8.682	22.7	10.9	65.7										
43390.0	45080.0	0.556	133.3	8.3	-3.97	1.343	112.0	0.848	5.616	311.9	530.7	0.855	10.377A	2.92	0.170	130.0	144.8	18.0	0.210
		12.10	5.83	17.93	TWO	8.682	22.7	10.9	64.1										
43400.0	45080.0	0.500	133.5	3.7	-5.11	1.346	107.8	0.841	5.672	320.9	530.0	0.903	10.441A	4.29	0.175	130.3	146.5	18.4	0.210
		10.73	5.82	16.55	TWO	8.682	22.7	10.9	62.8										
43410.0	45080.0	0.460	131.1	-4.5	-7.49	1.349	103.6	0.835	5.719	330.0	529.4	0.942	10.497A	6.90	0.179	130.5	148.2	19.6	0.210
		9.79	5.82	15.61	TWO	8.682	22.7	10.9	61.8										
43420.0	45080.0	0.491	124.6	-25.7	-14.80	1.351	99.4	0.831	5.756	339.2	529.0	0.971	10.541A	14.42	0.182	130.7	150.6	23.8	0.214
		10.52	5.87	16.40	TWO	8.682	22.7	10.9	61.7										
43440.0	45080.0	0.446	139.7	64.1	13.57	1.356	90.3	0.828	5.792	359.2	528.6	0.995	10.589A	-13.51	0.185	131.1	144.3	6.8	0.213
		9.47	5.86	15.33	ONE	8.682	22.7	10.9	60.8										
43450.0	45080.0	0.392	118.5	46.7	7.11	1.358	85.9	0.830	5.789	9.1	168.6	0.986D	10.592A	-6.84	0.185	131.2	146.3	10.6	0.210
		8.26	5.82	14.08	ONE	8.682	22.7	10.9	60.1										
43460.0	45080.0	0.412	109.7	38.6	4.90	1.359	81.2	0.833	5.773	19.3	168.8	0.964D	10.581A	-4.40	0.183	131.4	146.7	12.2	0.210
		8.69	5.83	14.52	ONE	8.682	22.7	10.9	60.2										
43470.0	45080.0	0.459	105.3	33.8	3.82	1.361	76.5	0.838	5.743	29.7	169.2	0.928D	10.557A	-3.08	0.181	131.7	146.6	13.3	0.211
		9.77	5.84	15.61	ONE	8.682	22.7	10.9	60.8										
43480.0	45080.0	0.523	104.0	30.8	3.21	1.361	71.6	0.846	5.700	40.3	169.7	0.878D	10.522A	-2.21	0.177	132.0	146.0	14.1	0.213
		11.29	5.86	17.16	ONE	8.682	22.7	10.9	61.6										
43490.0	45080.0	0.598	104.9	28.7	2.85	1.362	66.6	0.856	5.647	51.1	170.3	0.815D	10.479A	-1.56	0.173	132.5	145.2	14.9	0.216
		13.16	5.89	19.05	ONE	8.682	22.7	10.9	62.6										

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DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2445130.0											
43380.0	45130.0	0.623	131.9	11.4	-3.24	1.340	116.4	0.855	5.487	302.4	532.4	0.794	10.179A	1.98	0.156	126.5	141.7	18.5	0.208
		13.79	5.80	19.59	TWO	9.170	24.3	11.6	68.6										
43390.0	45130.0	0.559	133.8	8.5	-3.84	1.343	112.2	0.846	5.545	311.3	531.7	0.851	10.239A	2.82	0.162	126.9	143.5	18.5	0.206
		12.16	5.78	17.94	TWO	9.170	24.3	11.6	67.1										
43400.0	45130.0	0.501	134.1	4.3	-4.87	1.345	108.0	0.839	5.597	320.3	531.1	0.900	10.293A	4.09	0.167	127.3	145.1	18.8	0.204
		10.76	5.76	16.53	TWO	9.170	24.3	11.6	65.7										
43410.0	45130.0	0.458	132.0	-3.1	-6.95	1.348	103.8	0.833	5.640	329.5	530.5	0.940	10.340A	6.39	0.171	127.6	146.8	19.9	0.204
		9.75	5.76	15.51	TWO	9.170	24.3	11.6	64.7										
43420.0	45130.0	0.468	126.0	-20.8	-12.74	1.350	99.6	0.829	5.674	338.8	530.1	0.970	10.378A	12.40	0.174	127.8	149.0	23.3	0.207
		9.98	5.79	15.77	TWO	9.170	24.3	11.6	64.3										
43440.0	45130.0	0.477	148.2	69.1	15.97	1.355	90.5	0.826	5.707	358.8	529.7	0.995	10.420A	-15.88	0.177	128.2	142.4	5.8	0.210
		10.18	5.83	16.01	ONE	9.170	24.3	11.6	63.9										
43450.0	45130.0	0.395	120.1	48.6	7.71	1.357	86.1	0.827	5.705	8.6	169.7	0.987D	10.423A	-7.40	0.177	128.4	144.9	10.6	0.204
		8.32	5.76	14.08	ONE	9.170	24.3	11.6	63.0										
43460.0	45130.0	0.410	110.7	39.4	5.16	1.358	81.5	0.830	5.690	18.8	169.9	0.966D	10.414A	-4.62	0.176	128.5	145.5	12.5	0.204
		8.65	5.76	14.41	ONE	9.170	24.3	11.6	63.1										
43470.0	45130.0	0.455	106.1	34.3	3.96	1.360	76.8	0.836	5.662	29.2	170.2	0.931D	10.394A	-3.19	0.173	128.7	145.3	13.6	0.205
		9.68	5.78	15.46	ONE	9.170	24.3	11.6	63.6										
43480.0	45130.0	0.518	104.6	31.1	3.30	1.361	71.9	0.843	5.623	39.7	170.7	0.882D	10.364A	-2.26	0.169	129.0	144.8	14.5	0.207
		11.17	5.80	16.97	ONE	9.170	24.3	11.6	64.4										
43490.0	45130.0	0.592	105.5	28.9	2.90	1.361	66.9	0.853	5.574	50.5	171.3	0.820D	10.328A	-1.59	0.165	129.4	144.0	15.3	0.210
		13.00	5.83	18.83	ONE	9.170	24.3	11.6	65.4										
								ARRIVAL DATE = 2445180.0											
43380.0	45180.0	0.627	132.4	11.5	-3.17	1.340	116.7	0.855	5.433	301.7	533.4	0.790	10.077A	1.94	0.149	123.1	140.4	18.9	0.204
		13.89	5.76	19.65	TWO	9.976	25.8	12.3	71.6										
43390.0	45180.0	0.562	134.4	8.6	-3.72	1.342	112.5	0.846	5.487	310.6	532.7	0.848	10.127A	2.73	0.155	123.7	142.2	18.9	0.201
		12.25	5.74	17.98	TWO	9.976	25.8	12.3	70.0										
43400.0	45180.0	0.503	134.9	4.7	-4.65	1.344	108.3	0.838	5.535	319.7	532.1	0.897	10.173A	3.90	0.160	124.1	143.8	19.2	0.200
		10.81	5.72	16.53	TWO	9.976	25.8	12.3	68.6										
43410.0	45180.0	0.458	133.0	-1.9	-6.48	1.347	104.1	0.832	5.576	328.9	531.6	0.938	10.214A	5.95	0.164	124.5	145.5	20.2	0.199
		9.74	5.71	15.45	TWO	9.976	25.8	12.3	67.6										
43420.0	45180.0	0.453	127.4	-16.9	-11.19	1.349	99.8	0.827	5.607	338.2	531.2	0.968	10.246A	10.88	0.167	124.8	147.5	23.0	0.201
		9.63	5.73	15.36	TWO	9.976	25.8	12.3	67.0										
43440.0	45180.0	0.525	164.8	74.3	19.36	1.354	90.8	0.824	5.638	358.3	530.8	0.995	10.282A	-19.23	0.170	125.2	140.2	4.2	0.209
		11.33	5.81	17.15	ONE	9.976	25.8	12.3	67.2										
43450.0	45180.0	0.399	122.0	50.7	8.41	1.356	86.4	0.825	5.636	8.1	170.8	0.988D	10.285A	-8.07	0.170	125.4	143.5	10.6	0.199
		8.40	5.71	14.12	ONE	9.976	25.8	12.3	65.9										
43460.0	45180.0	0.408	111.8	40.4	5.45	1.358	81.8	0.828	5.622	18.2	171.0	0.967D	10.278A	-4.88	0.168	125.5	144.2	12.7	0.199
		8.61	5.71	14.32	ONE	9.976	25.8	12.3	66.0										
43470.0	45180.0	0.451	107.0	34.8	4.11	1.359	77.1	0.833	5.597	28.5	171.3	0.933D	10.261A	-3.30	0.166	125.7	144.1	13.9	0.200
		9.59	5.72	15.32	ONE	9.976	25.8	12.3	66.5										
43480.0	45180.0	0.513	105.4	31.3	3.38	1.360	72.2	0.841	5.561	39.1	171.7	0.885D	10.236A	-2.32	0.163	125.9	143.7	14.9	0.202
		11.05	5.74	16.79	ONE	9.976	25.8	12.3	67.2										
43490.0	45180.0	0.586	106.2	29.0	2.95	1.360	67.3	0.851	5.515	49.7	172.2	0.824D	10.206A	-1.62	0.158	126.2	142.9	15.7	0.205
		12.85	5.78	18.63	ONE	9.976	25.8	12.3	68.2										
								ARRIVAL DATE = 2445230.0											
43380.0	45230.0	0.632	133.0	11.5	-3.11	1.339	117.0	0.854	5.390	301.0	534.3	0.785	9.996A	1.90	0.143	119.6	139.1	19.4	0.201
		14.01	5.73	19.74	TWO	10.591	27.3	12.9	74.4										
43390.0	45230.0	0.566	135.1	8.8	-3.61	1.341	112.8	0.845	5.441	310.0	533.6	0.843	10.038A	2.65	0.149	120.3	140.9	19.3	0.198
		12.34	5.70	18.04	TWO	10.591	27.3	12.9	72.9										
43400.0	45230.0	0.506	135.6	5.1	-4.46	1.344	108.6	0.837	5.485	319.1	533.1	0.894	10.077A	3.74	0.154	120.9	142.5	19.6	0.196
		10.88	5.68	16.56	TWO	10.591	27.3	12.9	71.5										
43410.0	45230.0	0.458	133.9	-0.9	-6.07	1.346	104.3	0.831	5.523	328.3	532.6	0.935	10.111A	5.58	0.158	121.3	144.1	20.4	0.195
		9.74	5.67	15.41	TWO	10.591	27.3	12.9	70.5										
43420.0	45230.0	0.443	128.8	-13.7	-9.98	1.349	100.1	0.826	5.553	337.7	532.2	0.966	10.139A	9.70	0.161	121.7	146.0	22.9	0.196
		9.40	5.68	15.08	TWO	10.591	27.3	12.9	69.8										
43440.0	45230.0	0.604	200.8	77.8	24.42	1.353	91.0	0.822	5.582	357.8	531.8	0.994	10.170A	-24.26	0.164	122.2	137.7	2.0	0.212
		13.30	5.84	19.14	ONE	10.591	27.3	12.9	70.6										
43450.0	45230.0	0.404	124.3	53.2	9.25	1.355	86.6	0.823	5.581	7.5	171.8	0.988D	10.173A	-8.87	0.164	122.3	142.1	10.4	0.196
		8.53	5.67	14.21	ONE	10.591	27.3	12.9	68.8										
43460.0	45230.0	0.407	113.1	41.4	5.76	1.357	82.1	0.826	5.568	17.6	171.9	0.969D	10.167A	-5.16	0.162	122.5	142.9	12.9	0.195
		8.58	5.67	14.25	ONE	10.591	27.3	12.9	68.8										

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DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43470.0	45230.0	0.448	107.9	35.3	4.27	1.358	77.4	0.831	5.544	27.9	172.2	0.9350	10.153A	-3.43	0.160	122.6	142.9	14.2	0.196
		9.51	5.68	15.18	ONE	10.591	27.3	12.9	69.3										
43480.0	45230.0	0.508	106.2	31.6	3.47	1.359	72.6	0.839	5.511	38.4	172.6	0.8890	10.133A	-2.38	0.156	122.7	142.5	15.2	0.198
		10.92	5.70	16.62	ONE	10.591	27.3	12.9	70.0										
43490.0	45230.0	0.580	106.8	29.1	3.01	1.360	67.6	0.848	5.468	49.0	173.1	0.8290	10.107A	-1.65	0.152	122.9	141.8	16.1	0.201
		12.69	5.73	18.42	ONE	10.591	27.3	12.9	70.9										
ARRIVAL DATE = 2445280.0																			
43380.0	45280.0	0.637	133.5	11.5	-3.04	1.339	117.3	0.854	5.356	300.2	535.1	0.779	9.933A	1.86	0.138	116.1	137.9	19.7	0.199
		14.14	5.70	19.85	TWO	10.674	28.8	13.5	77.2										
43390.0	45280.0	0.570	135.7	8.9	-3.50	1.341	113.1	0.845	5.403	309.2	534.5	0.839	9.968A	2.58	0.143	116.9	139.7	19.7	0.195
		12.45	5.67	18.12	TWO	10.674	28.8	13.5	75.7										
43400.0	45280.0	0.509	136.4	5.4	-4.28	1.343	108.9	0.836	5.445	318.4	534.0	0.890	10.000A	3.59	0.148	117.6	141.3	20.0	0.193
		10.96	5.65	16.60	TWO	10.674	28.8	13.5	74.4										
43410.0	45280.0	0.459	134.9	-0.0	-5.71	1.346	104.6	0.830	5.481	327.7	533.5	0.933	10.029A	5.25	0.152	118.1	142.8	20.7	0.192
		9.77	5.64	15.41	TWO	10.674	28.8	13.5	73.3										
43420.0	45280.0	0.436	130.1	-11.1	-9.00	1.348	100.4	0.825	5.509	337.0	533.1	0.965	10.053A	8.76	0.155	118.5	144.6	22.8	0.192
		9.25	5.64	14.89	TWO	10.674	28.8	13.5	72.6										
43430.0	45280.0	0.579	118.6	-43.3	-22.41	1.351	96.2	0.822	5.528	346.4	532.9	0.985	10.071A	22.39	0.157	118.9	148.1	30.8	0.206
		12.68	5.78	18.46	TWO	10.674	28.8	13.5	73.2										
43450.0	45280.0	0.413	127.2	56.1	10.27	1.355	86.9	0.821	5.536	6.8	172.8	0.9850	10.083A	-9.86	0.158	119.2	140.6	10.1	0.192
		8.72	5.64	14.36	ONE	10.674	28.8	13.5	71.6										
43460.0	45280.0	0.406	114.6	42.5	6.12	1.356	82.4	0.824	5.524	16.9	172.9	0.9700	10.078A	-5.48	0.157	119.3	141.7	13.0	0.191
		8.56	5.63	14.19	ONE	10.674	28.8	13.5	71.6										
43470.0	45280.0	0.444	109.0	35.8	4.44	1.358	77.7	0.830	5.503	27.2	173.1	0.9380	10.067A	-3.57	0.155	119.4	141.8	14.5	0.192
		9.42	5.64	15.06	ONE	10.674	28.8	13.5	72.0										
43480.0	45280.0	0.503	107.0	31.9	3.57	1.359	72.9	0.837	5.471	37.6	173.5	0.8920	10.050A	-2.45	0.151	119.5	141.4	15.5	0.194
		10.80	5.66	16.46	ONE	10.674	28.8	13.5	72.7										
43490.0	45280.0	0.573	107.6	29.3	3.06	1.359	68.0	0.846	5.431	48.2	173.9	0.8340	10.029A	-1.68	0.147	119.6	140.7	16.4	0.198
		12.53	5.70	18.23	ONE	10.674	28.8	13.5	73.6										
ARRIVAL DATE = 2445330.0																			
43380.0	45330.0	0.642	134.1	11.6	-2.98	1.338	117.7	0.855	5.329	299.4	535.9	0.774	9.885A	1.82	0.133	112.4	136.8	20.1	0.197
		14.29	5.69	19.97	TWO	10.170	30.3	14.2	79.9										
43390.0	45330.0	0.575	136.4	9.0	-3.40	1.340	113.4	0.845	5.374	308.5	535.4	0.834	9.914A	2.31	0.139	113.4	138.5	20.1	0.193
		12.57	5.65	18.22	TWO	10.170	30.3	14.2	78.4										
43400.0	45330.0	0.513	137.2	5.7	-4.11	1.343	109.2	0.836	5.414	317.7	534.8	0.887	9.941A	3.46	0.144	114.2	140.1	20.3	0.191
		11.05	5.63	16.67	TWO	10.170	30.3	14.2	77.1										
43410.0	45330.0	0.461	135.9	0.8	-5.39	1.345	104.9	0.829	5.447	327.0	534.4	0.930	9.965A	4.97	0.148	114.8	141.6	21.0	0.189
		9.82	5.61	15.42	TWO	10.170	30.3	14.2	76.1										
43420.0	45330.0	0.432	131.5	-8.9	-8.19	1.348	100.7	0.824	5.474	336.4	534.1	0.962	9.985A	7.99	0.151	115.3	143.3	22.8	0.189
		9.15	5.61	14.76	TWO	10.170	30.3	14.2	75.3										
43430.0	45330.0	0.515	121.3	-35.2	-18.04	1.350	96.4	0.821	5.492	345.8	533.8	0.984	10.000A	18.05	0.152	115.7	146.2	29.0	0.197
		11.10	5.69	16.79	TWO	10.170	30.3	14.2	75.4										
43450.0	45330.0	0.425	130.7	59.5	11.54	1.354	87.2	0.820	5.500	6.2	173.7	0.9890	10.011A	-11.09	0.153	116.1	139.2	9.6	0.190
		8.99	5.62	14.61	ONE	10.170	30.3	14.2	74.4										
43460.0	45330.0	0.405	116.1	43.8	6.52	1.356	82.7	0.823	5.490	16.2	173.8	0.9720	10.008A	-5.85	0.152	116.2	140.5	13.1	0.188
		8.55	5.60	14.15	ONE	10.170	30.3	14.2	74.3										
43470.0	45330.0	0.440	110.1	36.4	4.63	1.357	78.0	0.828	5.470	26.5	174.0	0.9410	9.998A	-3.73	0.150	116.2	140.7	14.8	0.189
		9.34	5.61	14.95	ONE	10.170	30.3	14.2	74.7										
43480.0	45330.0	0.497	108.0	32.1	3.67	1.358	73.3	0.835	5.440	36.9	174.3	0.8960	9.984A	-2.53	0.147	116.2	140.3	15.8	0.191
		10.67	5.63	16.30	ONE	10.170	30.3	14.2	75.4										
43490.0	45330.0	0.567	108.4	29.4	3.12	1.359	68.4	0.845	5.403	47.4	174.7	0.8390	9.967A	-1.71	0.142	116.2	139.7	16.7	0.195
		12.37	5.66	18.04	ONE	10.170	30.3	14.2	76.2										
43500.0	45330.0	0.645	110.5	27.4	2.79	1.359	63.4	0.856	5.358	58.0	175.2	0.7700	9.947A	-1.09	0.137	116.2	138.9	17.5	0.199
		14.35	5.71	20.06	ONE	10.170	30.3	14.2	77.2										
ARRIVAL DATE = 2445380.0																			
43380.0	45380.0	0.648	134.8	11.6	-2.92	1.338	118.1	0.855	5.309	298.6	536.7	0.768	9.850A	1.79	0.129	108.7	135.8	20.4	0.196
		14.44	5.67	20.11	TWO	9.366	31.8	14.8	82.6										
43390.0	45380.0	0.580	137.1	9.1	-3.31	1.340	113.8	0.845	5.351	307.7	536.2	0.829	9.873A	2.44	0.135	109.8	137.4	20.4	0.192
		12.70	5.64	18.33	TWO	9.366	31.8	14.8	81.1										
43400.0	45380.0	0.517	138.0	6.0	-3.96	1.343	109.5	0.836	5.389	316.9	535.7	0.882	9.895A	3.34	0.140	110.8	139.0	20.6	0.189
		11.15	5.61	16.75	TWO	9.366	31.8	14.8	79.8										
43410.0	45380.0	0.464	136.9	1.4	-5.11	1.345	105.3	0.829	5.421	326.2	535.3	0.926	9.915A	4.72	0.143	111.5	140.4	21.2	0.187
		9.87	5.59	15.46	TWO	9.366	31.8	14.8	78.8										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43420.0	45380.0	0.430	132.9	-7.1	-7.52	1.347	101.0	0.824	5.446	335.6	534.9	0.960	9.932A	7.35	0.146	112.1	142.0	22.8	0.187
		9.10	5.58	14.69	TWO	9.366	31.8	14.8	78.0										
43430.0	45380.0	0.476	123.7	-28.8	-15.06	1.350	96.7	0.820	5.464	345.1	534.7	0.982	9.945A	15.11	0.148	112.5	144.6	27.7	0.192
		10.16	5.63	15.80	TWO	9.366	31.8	14.8	77.8										
43450.0	45380.0	0.443	135.6	63.4	13.16	1.354	87.5	0.819	5.472	5.5	174.5	0.990D	9.955A	-12.68	0.149	112.9	137.7	8.8	0.189
		9.39	5.61	15.00	ONE	9.366	31.8	14.8	77.2										
43460.0	45380.0	0.405	117.9	45.2	6.98	1.356	83.0	0.822	5.463	15.5	174.6	0.973D	9.952A	-6.28	0.148	113.0	139.3	13.2	0.186
		8.55	5.58	14.13	ONE	9.366	31.8	14.8	77.0										
43470.0	45380.0	0.437	111.4	37.0	4.83	1.357	78.4	0.827	5.444	25.7	174.8	0.943D	9.945A	-3.90	0.146	112.9	139.6	15.0	0.187
		9.26	5.58	14.84	ONE	9.366	31.8	14.8	77.4										
43480.0	45380.0	0.492	108.9	32.4	3.78	1.358	73.7	0.834	5.417	36.1	175.1	0.900D	9.933A	-2.61	0.143	112.9	139.3	16.1	0.189
		10.54	5.61	16.15	ONE	9.366	31.8	14.8	78.0										
43490.0	45380.0	0.561	109.2	29.6	3.18	1.359	68.8	0.843	5.381	46.6	175.5	0.844D	9.919A	-1.75	0.139	112.7	138.8	17.0	0.192
		12.21	5.64	17.85	ONE	9.366	31.8	14.8	78.8										
43500.0	45380.0	0.638	111.5	27.5	2.83	1.359	63.9	0.855	5.340	57.1	175.9	0.776D	9.903A	-1.11	0.133	112.6	138.0	17.7	0.196
		14.16	5.68	19.84	ONE	9.366	31.8	14.8	79.7										

ARRIVAL DATE = 2445430.0

43390.0	45430.0	0.586	137.8	9.2	-3.22	1.340	114.2	0.846	5.334	306.9	536.9	0.824	9.845A	2.39	0.131	106.3	136.4	20.7	0.191
		12.84	5.63	18.46	TWO	8.810	33.4	15.4	83.7										
43400.0	45430.0	0.522	138.8	6.2	-3.81	1.342	109.9	0.837	5.370	316.1	536.5	0.878	9.862A	3.23	0.136	107.3	137.9	20.9	0.188
		11.26	5.59	16.85	TWO	8.810	33.4	15.4	82.5										
43410.0	45430.0	0.467	137.9	2.0	-4.85	1.345	105.6	0.829	5.401	325.4	536.1	0.923	9.879A	4.49	0.140	108.2	139.3	21.5	0.186
		9.95	5.57	15.52	TWO	8.810	33.4	15.4	81.4										
43420.0	45430.0	0.429	134.2	-5.5	-6.95	1.347	101.3	0.823	5.425	334.9	535.8	0.958	9.892A	6.81	0.143	108.8	140.8	22.8	0.185
		9.08	5.56	14.65	TWO	8.810	33.4	15.4	80.6										
43430.0	45430.0	0.451	125.9	-23.6	-12.90	1.350	97.0	0.820	5.442	344.4	535.5	0.981	9.903A	12.99	0.145	109.3	143.1	26.8	0.188
		9.58	5.59	15.18	TWO	8.810	33.4	15.4	80.2										
43450.0	45430.0	0.469	142.8	68.1	15.31	1.354	87.9	0.818	5.451	4.8	175.4	0.991D	9.911A	-14.79	0.146	109.7	136.2	7.8	0.189
		10.00	5.61	15.61	ONE	8.810	33.4	15.4	79.8										
43460.0	45430.0	0.406	119.8	46.8	7.51	1.355	83.4	0.821	5.442	14.7	175.4	0.975D	9.910A	-6.77	0.145	109.8	138.2	13.1	0.184
		8.57	5.56	14.13	ONE	8.810	33.4	15.4	79.6										
43470.0	45430.0	0.433	112.7	37.7	5.05	1.357	78.8	0.826	5.425	24.9	175.6	0.946D	9.904A	-4.09	0.143	109.7	138.6	15.1	0.185
		9.18	5.56	14.74	ONE	8.810	33.4	15.4	79.9										
43480.0	45430.0	0.487	110.0	32.8	3.89	1.358	74.0	0.833	5.399	35.2	175.9	0.904D	9.895A	-2.69	0.140	109.5	138.4	16.3	0.187
		10.42	5.59	16.00	ONE	8.810	33.4	15.4	80.5										
43490.0	45430.0	0.554	110.0	29.7	3.25	1.358	69.2	0.842	5.366	45.7	176.2	0.849D	9.883A	-1.79	0.136	109.3	137.9	17.2	0.190
		12.05	5.62	17.67	ONE	8.810	33.4	15.4	81.2										
43500.0	45430.0	0.630	112.0	27.5	2.86	1.359	64.3	0.853	5.326	56.2	176.6	0.783D	9.870A	-1.13	0.130	109.1	137.2	18.0	0.194
		13.97	5.66	19.63	ONE	8.810	33.4	15.4	82.1										

ARRIVAL DATE = 2445480.0

43390.0	45480.0	0.592	138.5	9.2	-3.14	1.340	114.6	0.846	5.322	306.0	537.6	0.818	9.827A	2.33	0.129	102.7	135.5	20.9	0.190
		12.99	5.62	18.61	TWO	8.931	34.9	16.0	86.2										
43400.0	45480.0	0.527	139.7	6.4	-3.68	1.342	110.3	0.837	5.357	315.3	537.2	0.873	9.840A	3.12	0.133	103.9	136.9	21.1	0.187
		11.38	5.59	16.97	TWO	8.931	34.9	16.0	85.0										
43410.0	45480.0	0.470	139.0	2.5	-4.62	1.345	106.0	0.829	5.386	324.6	536.9	0.919	9.853A	4.29	0.137	104.8	138.3	21.7	0.184
		10.03	5.56	15.59	TWO	8.931	34.9	16.0	84.0										
43420.0	45480.0	0.429	135.6	-4.2	-6.45	1.347	101.7	0.823	5.409	334.1	536.6	0.955	9.864A	6.35	0.140	105.5	139.7	22.9	0.183
		9.09	5.55	14.64	TWO	8.931	34.9	16.0	83.1										
43430.0	45480.0	0.435	128.0	-19.5	-11.27	1.349	97.4	0.820	5.426	343.6	536.3	0.979	9.872A	11.39	0.142	106.1	141.7	26.2	0.185
		9.21	5.57	14.78	TWO	8.931	34.9	16.0	82.7										
43450.0	45480.0	0.510	155.6	73.4	18.28	1.354	88.2	0.818	5.435	4.0	176.2	0.991D	9.880A	-17.73	0.143	106.5	134.6	6.3	0.191
		10.97	5.63	16.60	ONE	8.931	34.9	16.0	82.4										
43460.0	45480.0	0.468	122.0	48.7	8.12	1.355	83.7	0.820	5.427	13.9	176.2	0.977D	9.878A	-7.36	0.142	106.6	137.1	13.0	0.183
		8.62	5.54	14.16	ONE	8.931	34.9	16.0	82.2										
43470.0	45480.0	0.430	114.1	38.4	5.30	1.357	79.1	0.825	5.411	24.1	176.4	0.949D	9.874A	-4.91	0.140	106.5	137.6	15.3	0.183
		9.11	5.55	14.66	ONE	8.931	34.9	16.0	82.4										
43480.0	45480.0	0.482	111.1	33.1	4.02	1.358	74.4	0.832	5.387	34.4	176.6	0.908D	9.867A	-2.79	0.137	106.2	137.5	16.5	0.185
		10.30	5.57	15.86	ONE	8.931	34.9	16.0	82.9										
43490.0	45480.0	0.548	110.9	29.9	3.31	1.358	69.6	0.841	5.356	44.8	176.9	0.854D	9.858A	-1.84	0.133	105.9	137.1	17.5	0.188
		11.89	5.60	17.49	ONE	8.931	34.9	16.0	83.6										
43500.0	45480.0	0.623	112.8	27.6	2.90	1.358	64.8	0.852	5.318	55.3	177.2	0.789D	9.848A	-1.15	0.128	105.5	136.5	18.2	0.193
		13.78	5.64	19.43	ONE	8.931	34.9	16.0	84.4										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V I COIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2445530.0											
43390.0	45530.0	0.598 13.15	139.3 5.62	9.3 18.77	-3.06 TWO	1.340 9.623	115.0 36.5	0.847 16.5	5.315 88.6	305.1	538.3	0.812	9.817A	2.28	0.127	99.1	134.6	21.2	0.190
43400.0	45530.0	0.532 11.51	140.6 5.58	6.6 17.10	-3.55 TWO	1.342 9.623	110.7 36.5	0.838 16.5	5.348 87.4	314.4	537.9	0.868	9.827A	3.03	0.131	100.4	136.0	21.4	0.186
43410.0	45530.0	0.474 10.12	140.0 5.55	2.9 15.68	-4.40 TWO	1.344 9.623	106.4 36.5	0.830 16.5	5.376 86.4	323.8	537.6	0.915	9.837A	4.12	0.135	101.5	137.4	21.8	0.184
43420.0	45530.0	0.430 9.11	136.9 5.54	-3.1 14.65	-6.02 TWO	1.347 9.623	102.0 36.5	0.824 16.5	5.399 85.6	333.3	537.3	0.952	9.845A	5.96	0.138	102.3	138.7	22.9	0.182
43430.0	45530.0	0.424 8.97	129.9 5.55	-16.1 14.52	-10.00 TWO	1.349 9.623	97.7 36.5	0.819 16.5	5.415 85.1	342.9	537.1	0.978	9.852A	10.15	0.140	102.9	140.5	25.7	0.183
43450.0	45530.0	0.576 12.59	183.9 5.67	78.4 18.27	22.63 ONE	1.353 9.623	88.5 36.5	0.817 16.5	5.424 84.9	3.3	176.9	0.991D	9.858A	-22.05	0.141	103.4	133.0	4.1	0.196
43460.0	45530.0	0.412 8.70	124.4 5.54	50.8 14.24	8.86 ONE	1.355 9.623	84.1 36.5	0.819 16.5	5.418 84.6	13.1	177.0	0.978D	9.857A	-8.06	0.140	103.4	136.1	12.7	0.182
43470.0	45530.0	0.427 9.04	115.6 5.54	39.3 14.58	5.57 ONE	1.357 9.623	79.5 36.5	0.824 16.5	5.403 84.8	23.2	177.1	0.951D	9.854A	-4.55	0.138	103.3	136.8	15.3	0.182
43480.0	45530.0	0.476 10.17	112.2 5.56	33.5 15.73	4.15 ONE	1.358 9.623	74.8 36.5	0.831 16.5	5.380 85.3	33.5	177.3	0.912D	9.848A	-2.89	0.135	103.0	136.7	16.7	0.184
43490.0	45530.0	0.541 11.73	111.9 5.59	30.0 17.32	3.39 ONE	1.358 9.623	70.1 36.5	0.839 16.5	5.350 85.9	43.9	177.5	0.859D	9.842A	-1.88	0.131	102.6	136.4	17.7	0.187
43500.0	45530.0	0.615 13.59	113.6 5.63	27.6 19.22	2.94 ONE	1.358 9.623	65.2 36.5	0.850 16.5	5.315 86.7	54.3	177.8	0.795D	9.834A	-1.17	0.127	102.0	135.8	18.4	0.191
								ARRIVAL DATE = 2445580.0											
43390.0	45580.0	0.605 13.32	140.0 5.62	9.3 18.94	-2.98 TWO	1.340 10.401	115.4 38.0	0.848 17.1	5.311 90.9	304.2	539.0	0.806	9.816A	2.24	0.125	95.6	133.9	21.3	0.190
43400.0	45580.0	0.538 11.66	141.4 5.58	6.7 17.24	-3.44 TWO	1.342 10.401	111.1 38.0	0.838 17.1	5.343 89.8	313.5	538.6	0.863	9.822A	2.95	0.129	97.1	135.2	21.5	0.186
43410.0	45580.0	0.479 10.23	141.1 5.55	3.3 15.78	-4.21 TWO	1.344 10.401	106.8 38.0	0.830 17.1	5.370 88.8	322.9	538.3	0.911	9.829A	3.95	0.133	98.2	136.5	22.0	0.183
43420.0	45580.0	0.432 9.16	138.2 5.53	-2.1 14.69	-5.64 TWO	1.347 10.401	102.4 38.0	0.824 17.1	5.392 88.0	332.4	538.0	0.949	9.835A	5.61	0.136	99.1	137.8	23.0	0.182
43430.0	45580.0	0.417 8.81	131.8 5.54	-13.3 14.35	-8.98 TWO	1.349 10.401	98.1 38.0	0.820 17.1	5.408 87.4	342.0	537.8	0.976	9.840A	9.16	0.138	99.7	139.4	25.3	0.182
43440.0	45580.0	0.586 12.84	116.3 5.69	-46.1 18.53	-23.23 TWO	1.351 10.401	93.8 38.0	0.817 17.1	5.417 87.3	351.5	537.7	0.990	9.843A	23.64	0.139	100.2	143.5	33.9	0.197
43460.0	45580.0	0.418 8.82	127.3 5.53	53.3 14.36	9.74 ONE	1.355 10.401	84.5 38.0	0.819 17.1	5.412 86.9	12.2	177.7	0.980D	9.844A	-8.91	0.138	100.3	135.2	12.4	0.181
43470.0	45580.0	0.425 8.98	117.3 5.53	40.2 14.51	5.87 ONE	1.356 10.401	79.9 38.0	0.823 17.1	5.398 87.2	22.3	177.8	0.954D	9.842A	-4.82	0.137	100.2	135.9	15.4	0.181
43480.0	45580.0	0.471 10.05	113.5 5.55	33.9 15.60	4.29 ONE	1.358 10.401	75.3 38.0	0.830 17.1	5.377 87.6	32.6	178.0	0.915D	9.838A	-3.01	0.134	99.8	136.0	16.9	0.183
43490.0	45580.0	0.535 11.57	112.9 5.58	30.2 17.15	3.46 ONE	1.358 10.401	70.5 38.0	0.838 17.1	5.349 88.2	42.9	178.2	0.864D	9.833A	-1.94	0.130	99.3	135.7	17.8	0.186
43500.0	45580.0	0.608 13.40	114.4 5.62	27.7 19.02	2.98 ONE	1.358 10.401	65.7 38.0	0.849 17.1	5.315 88.9	53.4	178.4	0.801D	9.828A	-1.19	0.126	98.6	135.2	18.6	0.190
								ARRIVAL DATE = 2445630.0											
43390.0	45630.0	0.612 13.50	140.8 5.62	9.3 19.12	-2.91 TWO	1.340 10.804	115.9 39.5	0.850 17.7	5.310 93.1	303.2	539.6	0.799	9.822A	2.20	0.124	92.1	133.3	21.5	0.191
43400.0	45630.0	0.544 11.81	142.3 5.58	6.8 17.39	-3.33 TWO	1.342 10.804	111.5 39.5	0.839 17.7	5.341 92.0	312.6	539.3	0.858	9.825A	2.87	0.128	93.7	134.5	21.7	0.187
43410.0	45630.0	0.484 10.34	142.1 5.55	3.6 15.90	-4.03 TWO	1.344 10.804	107.2 39.5	0.831 17.7	5.368 91.1	322.0	539.0	0.907	9.828A	3.81	0.132	95.0	135.8	22.1	0.183
43420.0	45630.0	0.435 9.22	139.6 5.53	-1.3 14.75	-5.30 TWO	1.347 10.804	102.8 39.5	0.824 17.7	5.389 90.3	331.6	538.7	0.946	9.832A	5.31	0.134	96.0	137.0	23.0	0.181
43430.0	45630.0	0.413 8.72	133.6 5.53	-11.0 14.25	-8.13 TWO	1.349 10.804	98.5 39.5	0.820 17.7	5.404 89.7	341.2	538.5	0.973	9.835A	8.36	0.136	96.7	138.4	25.0	0.181
43440.0	45630.0	0.514 11.06	120.6 5.62	-37.7 16.68	-18.48 TWO	1.351 10.804	94.2 39.5	0.817 17.7	5.413 89.3	350.7	538.4	0.989	9.838A	18.91	0.138	97.1	141.7	31.6	0.190
43460.0	45630.0	0.426 9.02	130.6 5.53	56.2 14.55	10.83 ONE	1.355 10.804	84.9 39.5	0.819 17.7	5.410 89.2	11.4	178.4	0.981D	9.839A	-9.97	0.137	97.3	134.2	11.9	0.182
43470.0	45630.0	0.422 8.93	119.0 5.52	41.2 14.46	6.21 ONE	1.356 10.804	80.3 39.5	0.823 17.7	5.397 89.4	21.4	178.5	0.957D	9.837A	-5.13	0.136	97.1	135.2	15.4	0.181

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43480.0	45630.0	0.466 9.93	114.7 5.54	34.3 15.48	4.44 ONE	1.358 10.804	75.7 39.5	0.829 17.7	5.377 89.8	31.7	178.6	0.9190	9.835A	-3.13	0.133	96.7	135.3	17.0	0.182
43490.0	45630.0	0.528 11.42	113.9 5.57	30.4 16.99	3.54 ONE	1.358 10.804	71.0 39.5	0.838 17.7	5.350 90.3	42.0	178.8	0.8690	9.832A	-1.99	0.129	96.1	135.1	18.0	0.185
43500.0	45630.0	0.600 13.21	115.3 5.61	27.8 18.83	3.02 ONE	1.358 10.804	66.1 39.5	0.848 17.7	5.318 91.0	52.4	179.0	0.8080	9.828A	-1.21	0.125	95.4	134.7	18.7	0.190
ARRIVAL DATE = 2445680.0																			
43390.0	45680.0	0.619 13.69	141.5 5.63	9.3 19.32	-2.83 TWO	1.340 10.606	116.3 41.1	0.851 18.2	5.313 95.2	302.2	540.2	0.792	9.834	2.16	0.123	88.8	132.7	21.6	0.191
43400.0	45680.0	0.551 11.97	143.2 5.59	6.9 17.55	-3.22 TWO	1.342 10.606	112.0 41.1	0.841 18.2	5.343 94.1	311.6	539.9	0.852	9.833A	2.80	0.127	90.5	133.9	21.8	0.187
43410.0	45680.0	0.485 10.47	143.2 5.55	3.8 16.02	-3.86 TWO	1.344 10.606	107.6 41.1	0.832 18.2	5.368 93.2	321.1	539.6	0.902	9.834A	3.68	0.131	91.8	135.1	22.2	0.184
43420.0	45680.0	0.438 9.29	140.9 5.53	-0.6 14.82	-5.00 TWO	1.347 10.606	103.2 41.1	0.825 18.2	5.389 92.5	330.7	539.4	0.942	9.836A	5.04	0.134	92.9	136.3	23.0	0.181
43430.0	45680.0	0.410 8.66	135.4 5.53	-9.0 14.19	-7.43 TWO	1.349 10.606	98.9 41.1	0.820 18.2	5.404 91.9	340.3	539.2	0.971	9.838A	7.69	0.135	93.6	137.6	24.7	0.181
43440.0	45680.0	0.470 10.02	123.9 5.58	-31.0 15.60	-15.27 TWO	1.351 10.606	94.5 41.1	0.818 18.2	5.413 91.5	349.9	539.1	0.988	9.839A	15.74	0.137	94.1	140.2	29.9	0.186
43460.0	45680.0	0.439 9.31	134.8 5.54	59.7 14.85	12.20 ONE	1.355 10.606	85.3 41.1	0.818 18.2	5.411 91.3	10.5	179.0	0.9820	9.840A	-11.31	0.136	94.3	133.4	11.1	0.182
43470.0	45680.0	0.421 8.89	120.9 5.52	42.4 14.42	6.60 ONE	1.356 10.606	80.8 41.1	0.822 18.2	5.399 91.5	20.5	179.1	0.9590	9.839A	-5.49	0.135	94.1	134.6	15.3	0.180
43480.0	45680.0	0.461 9.82	116.1 5.54	34.8 15.36	4.60 ONE	1.358 10.606	76.1 41.1	0.828 18.2	5.380 91.9	30.7	179.2	0.9230	9.838A	-3.27	0.132	93.7	134.8	17.0	0.182
43490.0	45680.0	0.522 11.26	115.0 5.57	30.6 16.83	3.62 ONE	1.358 10.606	71.4 41.1	0.837 18.2	5.355 92.4	41.0	179.4	0.8740	9.836A	-2.05	0.129	93.0	134.6	18.1	0.185
43500.0	45680.0	0.593 13.02	116.2 5.61	27.8 18.63	3.06 ONE	1.358 10.606	66.6 41.1	0.847 18.2	5.324 93.0	51.4	179.6	0.8140	9.835A	-1.24	0.125	92.2	134.2	18.8	0.189
ARRIVAL DATE = 2445730.0																			
43390.0	45730.0	0.627 13.88	142.3 5.64	9.3 19.52	-2.77 TWO	1.340 9.906	116.8 42.7	0.852 18.7	5.318 97.1	301.2	540.8	0.785	9.851	2.12	0.123	85.5	132.3	21.7	0.192
43400.0	45730.0	0.557 12.13	144.1 5.60	6.9 17.73	-3.12 TWO	1.342 9.906	112.4 42.7	0.842 18.7	5.347 96.2	310.7	540.5	0.846	9.848	2.73	0.127	87.3	133.4	21.9	0.188
43410.0	45730.0	0.494 10.66	144.3 5.56	4.1 16.16	-3.70 TWO	1.344 9.906	108.0 42.7	0.833 18.7	5.372 95.3	320.2	540.2	0.897	9.846	3.55	0.130	88.8	134.6	22.3	0.184
43420.0	45730.0	0.442 9.37	142.2 5.54	-0.0 14.91	-4.73 TWO	1.347 9.906	103.7 42.7	0.826 18.7	5.392 94.6	329.7	540.0	0.939	9.846	4.80	0.133	89.9	135.6	23.0	0.182
43430.0	45730.0	0.409 8.64	137.1 5.52	-7.4 14.17	-6.83 TWO	1.349 9.906	99.3 42.7	0.821 18.7	5.407 94.0	339.4	539.8	0.969	9.846A	7.12	0.135	90.7	136.9	24.5	0.181
43440.0	45730.0	0.442 9.38	126.8 5.56	-25.6 14.94	-12.97 TWO	1.351 9.906	94.9 42.7	0.818 18.7	5.416 93.5	349.0	539.7	0.987	9.846A	13.48	0.136	91.2	139.1	28.7	0.184
43460.0	45730.0	0.459 9.76	140.3 5.56	63.9 15.32	13.99 ONE	1.355 9.906	85.7 42.7	0.818 18.7	5.415 93.4	9.6	179.7	0.9830	9.846A	-13.07	0.136	91.5	132.5	10.1	0.184
43470.0	45730.0	0.420 8.87	122.9 5.52	43.7 14.39	7.04 ONE	1.357 9.906	81.2 42.7	0.822 18.7	5.404 93.6	19.6	179.7	0.9620	9.846A	-5.90	0.134	91.3	134.0	15.2	0.180
43480.0	45730.0	0.456 9.71	117.5 5.54	35.3 15.25	4.78 ONE	1.358 9.906	76.6 42.7	0.828 18.7	5.386 93.9	29.7	179.8	0.9270	9.846A	-3.43	0.132	90.8	134.3	17.1	0.182
43490.0	45730.0	0.515 11.10	116.1 5.57	30.8 16.67	3.71 ONE	1.358 9.906	71.9 42.7	0.836 18.7	5.363 94.4	40.0	180.0	0.8790	9.846A	-2.12	0.129	90.1	134.2	18.2	0.185
43500.0	45730.0	0.585 12.83	117.1 5.61	27.9 18.44	3.10 ONE	1.359 9.906	67.1 42.7	0.846 18.7	5.333 94.9	50.4	180.2	0.8200	9.846	-1.27	0.125	89.1	133.9	18.9	0.189
ARRIVAL DATE = 2445780.0																			
43390.0	45780.0	0.635 14.08	143.1 5.65	9.3 19.74	-2.70 TWO	1.340 9.142	117.3 44.2	0.854 19.2	5.325 99.0	300.2	541.3	0.778	9.873	2.09	0.123	82.3	132.0	21.8	0.194
43400.0	45780.0	0.564 12.31	145.0 5.60	7.0 17.91	-3.02 TWO	1.342 9.142	112.9 44.2	0.843 19.2	5.353 98.1	309.7	541.1	0.840	9.867	2.67	0.127	84.3	133.0	21.9	0.189
43410.0	45780.0	0.500 10.74	145.3 5.57	4.2 16.31	-3.56 TWO	1.344 9.142	108.5 44.2	0.834 19.2	5.378 97.3	319.2	540.8	0.892	9.863	3.44	0.130	85.8	134.1	22.3	0.185
43420.0	45780.0	0.446 9.47	143.6 5.54	0.5 15.01	-4.48 TWO	1.347 9.142	104.1 44.2	0.827 19.2	5.398 96.6	328.8	540.6	0.935	9.861	4.59	0.133	87.0	135.1	22.9	0.182
43430.0	45780.0	0.410 8.65	138.8 5.53	-6.0 14.18	-6.31 TWO	1.349 9.142	99.7 44.2	0.822 19.2	5.413 96.0	338.4	540.5	0.966	9.859	6.64	0.135	87.9	136.3	24.3	0.181

1977
EARTH-SATURN

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 CDIST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43440.0	45780.0	0.424	129.5	-21.3	-11.25	1.351	95.3	0.818	5.422	348.1	540.3	0.985	9.859	11.78	0.136	88.4	138.1	27.7	0.183
		8.97	5.55	14.52	TWO	9.142	44.2	19.2	95.5										
43460.0	45780.0	0.489	148.7	68.9	16.42	1.355	86.1	0.818	5.421	8.7	180.3	0.9850	9.858	-15.47	0.136	88.7	131.7	8.7	0.186
		10.48	5.58	16.06	ONE	9.142	44.2	19.2	95.2										
43470.0	45780.0	0.420	125.0	45.1	7.55	1.357	81.6	0.822	5.411	18.6	180.3	0.9640	9.859	-6.39	0.134	88.5	133.5	14.9	0.181
		8.87	5.53	14.39	ONE	9.142	44.2	19.2	95.6										
43480.0	45780.0	0.452	119.0	35.8	4.98	1.358	77.0	0.827	5.395	28.8	180.4	0.9310	9.859	-3.60	0.132	88.0	133.9	17.1	0.182
		9.60	5.54	15.14	ONE	9.142	44.2	19.2	95.9										
43490.0	45780.0	0.509	117.3	31.0	3.80	1.358	72.3	0.835	5.372	39.0	180.5	0.8850	9.860	-2.19	0.129	87.2	133.8	18.2	0.185
		10.95	5.57	16.51	ONE	9.142	44.2	19.2	96.3										
43500.0	45780.0	0.578	118.0	27.9	3.15	1.359	67.5	0.845	5.344	49.3	180.7	0.8270	9.862	-1.30	0.126	86.2	133.6	19.0	0.189
		12.65	5.61	18.25	ONE	9.142	44.2	19.2	96.7										
									ARRIVAL DATE = 2445830.0										
43390.0	45830.0	0.643	143.9	9.2	-2.63	1.340	117.8	0.856	5.335	299.2	541.8	0.770	9.900	2.06	0.123	79.3	131.7	21.8	0.195
		14.29	5.67	19.96	TWO	8.866	45.8	19.7	100.8										
43400.0	45830.0	0.572	145.8	7.0	-2.93	1.342	113.4	0.845	5.362	308.6	541.6	0.833	9.891	2.62	0.127	81.3	132.7	22.0	0.190
		12.49	5.62	18.11	TWO	8.866	45.8	19.7	100.0										
43410.0	45830.0	0.507	146.4	4.4	-3.42	1.345	108.9	0.835	5.388	318.2	541.4	0.887	9.885	3.34	0.130	82.9	133.7	22.3	0.186
		10.89	5.58	16.47	TWO	8.866	45.8	19.7	99.2										
43420.0	45830.0	0.451	144.9	0.9	-4.25	1.347	104.5	0.828	5.405	327.8	541.2	0.931	9.880	4.40	0.133	84.2	134.7	22.9	0.183
		9.58	5.55	15.12	TWO	8.866	45.8	19.7	98.5										
43430.0	45830.0	0.411	140.5	-4.9	-5.86	1.349	100.1	0.822	5.420	337.5	541.1	0.963	9.877	6.22	0.135	85.1	135.8	24.1	0.181
		8.68	5.53	14.21	TWO	8.866	45.8	19.7	98.0										
43440.0	45830.0	0.412	131.9	-17.7	-9.90	1.351	95.8	0.819	5.430	347.2	540.9	0.984	9.876	10.47	0.136	85.7	137.3	26.9	0.182
		8.70	5.54	14.25	TWO	8.866	45.8	19.7	97.5										
43460.0	45830.0	0.538	164.2	74.6	19.90	1.355	86.5	0.819	5.430	7.8	180.9	0.9860	9.875	-18.91	0.136	86.1	130.8	6.8	0.191
		11.66	5.62	17.28	ONE	8.866	45.8	19.7	96.9										
43470.0	45830.0	0.420	127.4	46.9	8.16	1.357	82.1	0.822	5.421	17.6	180.9	0.9670	9.875	-6.97	0.135	85.8	133.0	14.7	0.181
		8.89	5.53	14.42	ONE	8.866	45.8	19.7	97.4										
43480.0	45830.0	0.447	120.6	36.4	5.20	1.358	77.5	0.827	5.405	27.8	181.0	0.9340	9.877	-3.79	0.133	85.3	133.5	17.0	0.182
		9.50	5.54	15.04	ONE	8.866	45.8	19.7	97.7										
43490.0	45830.0	0.503	118.5	31.2	3.90	1.359	72.8	0.835	5.384	38.0	181.1	0.8900	9.879	-2.27	0.130	84.5	133.6	18.2	0.185
		10.80	5.57	16.36	ONE	8.866	45.8	19.7	98.1										
43500.0	45830.0	0.570	119.0	28.0	3.20	1.359	68.0	0.845	5.357	48.3	181.2	0.8330	9.882	-1.33	0.126	83.5	133.4	19.0	0.189
		12.46	5.61	18.07	ONE	8.866	45.8	19.7	98.5										
43510.0	45830.0	0.646	121.4	25.7	2.78	1.359	63.2	0.856	5.326	58.6	181.3	0.7660	9.885	-0.66	0.122	82.2	133.0	19.6	0.194
		14.38	5.66	20.04	ONE	8.866	45.8	19.7	99.0										
									ARRIVAL DATE = 2445880.0										
43400.0	45880.0	0.579	146.7	7.0	-2.85	1.342	113.8	0.846	5.373	307.6	542.1	0.826	9.919	2.57	0.128	78.5	132.5	22.0	0.191
		12.68	5.63	18.31	TWO	9.288	47.4	20.2	101.7										
43410.0	45880.0	0.513	147.4	4.5	-3.29	1.345	109.4	0.837	5.396	317.2	541.9	0.881	9.910	3.25	0.131	80.2	133.5	22.3	0.187
		11.05	5.59	16.64	TWO	9.288	47.4	20.2	101.0										
43420.0	45880.0	0.456	146.2	1.3	-4.04	1.347	105.0	0.829	5.415	326.8	541.8	0.926	9.904	4.23	0.133	81.5	134.4	22.8	0.184
		9.69	5.56	15.25	TWO	9.288	47.4	20.2	100.3										
43430.0	45880.0	0.413	142.2	-3.9	-5.46	1.349	100.6	0.823	5.430	336.5	541.6	0.960	9.900	5.86	0.135	82.5	135.4	23.9	0.182
		8.73	5.54	14.26	TWO	9.288	47.4	20.2	99.8										
43440.0	45880.0	0.404	134.2	-14.8	-8.83	1.352	96.2	0.819	5.439	346.2	541.5	0.982	9.897	9.43	0.136	83.1	136.7	26.3	0.182
		8.53	5.54	14.07	TWO	9.288	47.4	20.2	99.3										
43450.0	45880.0	0.603	114.5	-48.5	-24.41	1.354	91.9	0.818	5.443	355.8	541.5	0.991	9.896	25.22	0.137	83.5	141.5	35.3	0.200
		13.28	5.72	19.00	TWO	9.288	47.4	20.2	98.3										
43460.0	45880.0	0.621	201.4	79.3	25.23	1.355	86.9	0.819	5.441	6.9	181.4	0.9860	9.895	-24.22	0.136	83.5	130.0	4.0	0.199
		13.75	5.71	19.45	ONE	9.288	47.4	20.2	98.3										
43470.0	45880.0	0.423	130.1	48.9	8.88	1.357	82.5	0.822	5.433	16.7	181.5	0.9690	9.896	-7.66	0.135	83.3	132.6	14.3	0.182
		8.95	5.54	14.49	ONE	9.288	47.4	20.2	99.2										
43480.0	45880.0	0.443	122.2	37.0	5.44	1.358	77.9	0.827	5.418	26.8	181.5	0.9380	9.898	-4.01	0.134	82.8	133.3	16.9	0.183
		9.41	5.55	14.95	ONE	9.288	47.4	20.2	99.5										
43490.0	45880.0	0.496	119.7	31.4	4.01	1.359	73.2	0.834	5.398	37.0	181.6	0.8940	9.901	-2.36	0.131	82.0	133.4	18.2	0.185
		10.65	5.57	16.22	ONE	9.288	47.4	20.2	99.8										
43500.0	45880.0	0.563	120.0	28.0	3.25	1.359	68.5	0.844	5.372	47.2	181.7	0.8390	9.905	-1.36	0.127	80.9	133.2	19.1	0.189
		12.27	5.61	17.88	ONE	9.288	47.4	20.2	100.2										
43510.0	45880.0	0.638	122.2	25.6	2.81	1.359	63.7	0.855	5.342	57.5	181.8	0.7740	9.910	-0.67	0.123	79.5	133.0	19.7	0.194
		14.16	5.66	19.82	ONE	9.288	47.4	20.2	100.6										

DEPART	ARRIVE	SPEED DV1	R A DV2	DECL DVT	I 1 LEG	V 1 COAST	PSI 1 RAS	ECCEN DECLS	SMA LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
								ARRIVAL DATE = 2445930.0											
43400.0	45930.0	0.587	147.6	7.0	-2.76	1.343	114.3	0.848	5.385	306.6	542.6	0.819	9.951	2.52	0.128	75.7	132.4	22.0	0.193
		12.88	5.65	18.52	TWO	10.084	49.0	20.7	103.4										
43410.0	45930.0	0.520	148.5	4.6	-3.17	1.345	109.9	0.838	5.408	316.1	542.5	0.876	9.940	3.16	0.131	77.5	133.3	22.3	0.188
		11.22	5.60	16.82	TWO	10.084	49.0	20.7	102.7										
43420.0	45930.0	0.461	147.5	1.6	-3.85	1.347	105.5	0.830	5.427	325.8	542.3	0.922	9.932	4.07	0.134	78.9	134.1	22.8	0.185
		9.82	5.57	15.39	TWO	10.084	49.0	20.7	102.1										
43430.0	45930.0	0.416	143.8	-3.1	-5.11	1.350	101.1	0.824	5.441	335.5	542.2	0.957	9.926	5.54	0.136	80.0	135.1	23.7	0.183
		8.79	5.55	14.33	TWO	10.084	49.0	20.7	101.5										
43440.0	45930.0	0.399	136.5	-12.4	-7.95	1.352	96.6	0.820	5.451	345.3	542.1	0.980	9.922	8.59	0.137	80.6	136.3	25.7	0.183
		8.42	5.55	13.97	TWO	10.084	49.0	20.7	101.1										
43450.0	45930.0	0.519	120.6	-39.1	-19.01	1.354	92.3	0.818	5.455	355.0	542.0	0.990	9.920	19.85	0.137	81.0	139.8	32.6	0.193
		11.19	5.65	16.83	TWO	10.084	49.0	20.7	100.3										
43470.0	45930.0	0.428	133.1	51.3	9.76	1.357	82.9	0.822	5.446	15.7	182.0	0.9710	9.921	-8.51	0.136	80.9	132.3	13.7	0.183
		9.05	5.55	14.60	ONE	10.084	49.0	20.7	100.9										
43480.0	45930.0	0.440	123.9	37.8	5.71	1.358	78.4	0.827	5.432	25.7	182.1	0.9420	9.923	-4.26	0.134	80.3	133.1	16.8	0.183
		9.32	5.55	14.87	ONE	10.084	49.0	20.7	101.2										
43490.0	45930.0	0.490	121.0	31.7	4.12	1.359	73.7	0.834	5.413	35.9	182.1	0.8990	9.926	-2.45	0.132	79.5	133.2	18.2	0.186
		10.50	5.58	16.07	ONE	10.084	49.0	20.7	101.5										
43500.0	45930.0	0.556	121.1	28.1	3.30	1.359	69.0	0.843	5.388	46.2	182.2	0.8450	9.932	-1.40	0.129	78.4	133.2	19.1	0.190
		12.09	5.61	17.70	ONE	10.084	49.0	20.7	101.8										
43510.0	45930.0	0.629	123.1	25.6	2.83	1.359	64.2	0.854	5.359	56.4	182.3	0.7810	9.938	-0.68	0.125	77.0	132.9	19.6	0.195
		13.95	5.66	19.61	ONE	10.084	49.0	20.7	102.2										
								ARRIVAL DATE = 2445980.0											
43400.0	45980.0	0.595	148.5	6.9	-2.68	1.343	114.9	0.850	5.399	305.5	543.1	0.812	9.985	2.47	0.129	73.1	132.4	21.9	0.194
		13.08	5.66	18.75	TWO	10.738	50.6	21.1	104.9										
43410.0	45980.0	0.527	149.5	4.6	-3.05	1.345	110.4	0.840	5.421	315.1	543.0	0.870	9.973	3.09	0.132	75.0	133.2	22.2	0.190
		11.39	5.62	17.01	TWO	10.738	50.6	21.1	104.3										
43420.0	45980.0	0.467	148.7	1.8	-3.67	1.347	106.0	0.831	5.440	324.7	542.8	0.917	9.963	3.93	0.135	76.4	134.0	22.7	0.186
		9.95	5.58	15.53	TWO	10.738	50.6	21.1	103.7										
43430.0	45980.0	0.419	145.4	-2.4	-4.79	1.350	101.5	0.825	5.454	334.5	542.7	0.954	9.955	5.26	0.136	77.5	134.8	23.5	0.184
		8.86	5.56	14.42	TWO	10.738	50.6	21.1	103.2										
43440.0	45980.0	0.397	138.6	-10.4	-7.21	1.352	97.1	0.821	5.464	344.3	542.6	0.978	9.951	7.88	0.138	78.3	135.9	25.3	0.183
		8.36	5.55	13.91	TWO	10.738	50.6	21.1	102.8										
43450.0	45980.0	0.469	125.0	-32.6	-15.45	1.354	92.7	0.819	5.469	354.0	542.5	0.990	9.948	16.33	0.138	78.7	138.7	30.6	0.190
		9.99	5.61	15.61	TWO	10.738	50.6	21.1	102.1										
43470.0	45980.0	0.435	136.6	54.1	10.85	1.357	83.4	0.822	5.461	14.6	182.5	0.9730	9.948	-9.58	0.137	78.5	132.0	13.1	0.185
		9.22	5.56	14.79	ONE	10.738	50.6	21.1	102.5										
43480.0	45980.0	0.436	125.8	38.6	6.02	1.358	78.8	0.827	5.448	24.7	182.6	0.9450	9.951	-4.54	0.136	78.0	133.0	16.7	0.184
		9.24	5.56	14.80	ONE	10.738	50.6	21.1	102.8										
43490.0	45980.0	0.484	122.4	31.9	4.24	1.359	74.2	0.833	5.430	34.9	182.6	0.9040	9.955	-2.55	0.133	77.2	133.2	18.2	0.186
		10.35	5.58	15.94	ONE	10.738	50.6	21.1	103.1										
43500.0	45980.0	0.548	122.2	28.2	3.36	1.360	69.5	0.843	5.406	45.1	182.7	0.8510	9.961	-1.44	0.130	76.1	133.1	19.0	0.190
		11.91	5.62	17.53	ONE	10.738	50.6	21.1	103.4										
43510.0	45980.0	0.621	124.0	25.6	2.85	1.359	64.7	0.853	5.378	55.3	182.7	0.7880	9.968	-0.70	0.127	74.7	133.0	19.6	0.195
		13.74	5.67	19.41	ONE	10.738	50.6	21.1	103.7										
								ARRIVAL DATE = 2446030.0											
43400.0	46030.0	0.604	149.4	6.9	-2.60	1.343	115.4	0.851	5.414	304.4	543.6	0.805	10.023	2.43	0.130	70.7	132.4	21.9	0.196
		13.30	5.68	18.98	TWO	10.875	52.1	21.5	106.4										
43410.0	46030.0	0.535	150.6	4.6	-2.94	1.345	110.9	0.841	5.436	314.0	543.4	0.863	10.008	3.01	0.133	72.6	133.2	22.1	0.191
		11.57	5.63	17.20	TWO	10.875	52.1	21.5	105.8										
43420.0	46030.0	0.473	150.0	2.0	-3.51	1.348	106.4	0.833	5.454	323.7	543.3	0.912	9.997	3.80	0.136	74.1	133.9	22.6	0.188
		10.09	5.60	15.69	TWO	10.875	52.1	21.5	105.3										
43430.0	46030.0	0.423	147.0	-1.8	-4.51	1.350	102.0	0.826	5.469	333.4	543.2	0.950	9.988	5.01	0.137	75.2	134.7	23.3	0.185
		8.95	5.57	14.52	TWO	10.875	52.1	21.5	104.8										
43440.0	46030.0	0.395	140.7	-8.8	-6.59	1.352	97.6	0.822	5.479	343.2	543.1	0.976	9.982	7.29	0.139	76.0	135.7	24.8	0.184
		8.33	5.56	13.90	TWO	10.875	52.1	21.5	104.4										
43450.0	46030.0	0.437	128.7	-26.9	-12.95	1.354	93.1	0.820	5.484	353.0	543.1	0.989	9.979	13.86	0.139	76.4	137.9	29.1	0.188
		9.27	5.60	14.87	TWO	10.875	52.1	21.5	103.8										
43470.0	46030.0	0.448	140.9	57.6	12.25	1.357	83.9	0.822	5.477	13.6	183.0	0.9750	9.979	-10.95	0.138	76.3	131.8	12.2	0.186
		9.51	5.58	15.09	ONE	10.875	52.1	21.5	104.0										
43480.0	46030.0	0.433	127.7	39.6	6.37	1.359	79.3	0.826	5.465	23.6	183.1	0.9480	9.981	-4.86	0.137	75.8	132.9	16.4	0.185
		9.18	5.57	14.74	ONE	10.875	52.1	21.5	104.3										

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / CDIST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43490.0	46030.0	0.478	123.8	32.2	4.38	1.359	74.7	0.833	5.448	33.8	183.1	0.9090	9.986	-2.67	0.135	75.0	133.2	18.1	0.187
		10.21	5.59	15.80	ONE	10.875	52.1	21.5	104.6										
43500.0	46030.0	0.541	123.3	28.2	3.42	1.360	70.0	0.842	5.425	44.0	183.1	0.8580	9.993	-1.49	0.132	73.9	133.2	19.0	0.191
		11.73	5.62	17.35	ONE	10.875	52.1	21.5	104.8										
43510.0	46030.0	0.613	124.9	25.5	2.87	1.360	65.2	0.853	5.398	54.2	183.2	0.7960	10.001	-0.71	0.128	72.5	133.1	19.6	0.195
		13.53	5.67	19.20	ONE	10.875	52.1	21.5	105.1										
ARRIVAL DATE = 2446080.0																			
43400.0	46080.0	0.612	150.2	6.8	-2.53	1.343	115.9	0.853	5.430	303.3	544.0	0.797	10.064	2.39	0.132	68.3	132.5	21.8	0.198
		13.51	5.70	19.21	TWO	10.409	53.7	22.0	107.8										
43410.0	46080.0	0.542	151.6	4.6	-2.84	1.345	111.4	0.843	5.452	312.9	543.9	0.857	10.047	2.95	0.135	70.3	133.2	22.0	0.193
		11.76	5.65	17.41	TWO	10.409	53.7	22.0	107.3										
43420.0	46080.0	0.479	151.2	2.1	-3.35	1.348	106.9	0.834	5.470	322.6	543.8	0.907	10.034	3.68	0.137	71.8	134.0	22.4	0.189
		10.24	5.61	15.85	TWO	10.409	53.7	22.0	106.8										
43430.0	46080.0	0.427	148.6	-1.3	-4.25	1.350	102.5	0.828	5.485	332.4	543.7	0.946	10.023	4.79	0.139	73.0	134.7	23.1	0.187
		9.04	5.58	14.63	TWO	10.409	53.7	22.0	106.3										
43440.0	46080.0	0.395	142.7	-7.4	-6.05	1.352	98.0	0.823	5.495	342.2	543.6	0.973	10.016	6.79	0.140	73.8	135.6	24.5	0.185
		8.34	5.57	13.91	TWO	10.409	53.7	22.0	105.9										
43450.0	46080.0	0.417	131.9	-22.4	-11.10	1.354	93.6	0.820	5.500	352.0	543.6	0.988	10.012	12.04	0.140	74.3	137.4	27.9	0.188
		8.82	5.59	14.41	TWO	10.409	53.7	22.0	105.4										
43470.0	46080.0	0.467	146.5	61.8	14.11	1.358	84.3	0.822	5.494	12.6	183.5	0.9770	10.012	-12.79	0.140	74.3	131.5	11.0	0.189
		9.96	5.61	15.57	ONE	10.409	53.7	22.0	105.3										
43480.0	46080.0	0.431	129.8	40.7	6.77	1.359	79.8	0.826	5.483	22.6	183.5	0.9520	10.015	-5.24	0.138	73.8	132.9	16.2	0.186
		9.12	5.58	14.70	ONE	10.409	53.7	22.0	105.8										
43490.0	46080.0	0.472	125.2	32.6	4.53	1.360	75.2	0.833	5.467	32.7	183.6	0.9130	10.020	-2.80	0.136	73.0	133.3	18.0	0.188
		10.08	5.60	15.67	ONE	10.409	53.7	22.0	106.0										
43500.0	46080.0	0.534	124.4	28.3	3.48	1.360	70.5	0.841	5.445	42.9	183.6	0.8630	10.027	-1.54	0.134	71.9	133.3	18.9	0.191
		11.55	5.63	17.18	ONE	10.409	53.7	22.0	106.2										
43510.0	46080.0	0.605	125.9	25.5	2.90	1.360	65.7	0.852	5.420	53.1	183.6	0.8030	10.037	-0.73	0.130	70.4	133.3	19.5	0.196
		13.32	5.68	19.00	ONE	10.409	53.7	22.0	106.5										
ARRIVAL DATE = 2446130.0																			
43400.0	46130.0	0.621	151.1	6.8	-2.45	1.343	116.5	0.855	5.448	302.1	544.4	0.789	10.107	2.36	0.133	66.0	132.7	21.7	0.200
		13.74	5.72	19.46	TWO	9.608	55.4	22.4	109.2										
43410.0	46130.0	0.550	152.6	4.6	-2.74	1.346	111.9	0.845	5.469	311.8	544.3	0.850	10.088	2.88	0.136	68.1	133.4	21.9	0.195
		11.95	5.67	17.62	TWO	9.608	55.4	22.4	108.7										
43420.0	46130.0	0.486	152.5	2.2	-3.20	1.348	107.4	0.836	5.487	321.5	544.2	0.902	10.073	3.57	0.138	69.7	134.1	22.3	0.191
		10.40	5.63	16.02	TWO	9.608	55.4	22.4	108.2										
43430.0	46130.0	0.432	150.1	-0.9	-4.01	1.350	103.0	0.829	5.502	331.3	544.2	0.942	10.061	4.59	0.140	70.9	134.7	22.9	0.188
		9.15	5.60	14.75	TWO	9.608	55.4	22.4	107.8										
43440.0	46130.0	0.396	144.7	-6.2	-5.58	1.352	98.5	0.824	5.512	341.2	544.1	0.971	10.053	6.36	0.141	71.7	135.6	24.1	0.186
		8.36	5.58	13.94	TWO	9.608	55.4	22.4	107.4										
43450.0	46130.0	0.404	134.8	-18.7	-9.67	1.355	94.1	0.821	5.517	351.0	544.0	0.987	10.048	10.65	0.142	72.3	137.0	26.9	0.188
		8.52	5.59	14.12	TWO	9.608	55.4	22.4	106.9										
43470.0	46130.0	0.499	154.9	67.0	16.70	1.358	84.8	0.823	5.513	11.6	184.0	0.9780	10.047	-15.35	0.141	72.3	131.3	9.4	0.192
		10.71	5.64	16.35	ONE	9.608	55.4	22.4	106.5										
43480.0	46130.0	0.429	132.0	41.9	7.23	1.359	80.3	0.826	5.502	21.5	184.0	0.9550	10.050	-5.69	0.140	71.8	132.9	15.9	0.187
		9.09	5.59	14.68	ONE	9.608	55.4	22.4	107.2										
43490.0	46130.0	0.467	126.7	32.9	4.69	1.360	75.7	0.833	5.487	31.6	184.0	0.9180	10.056	-2.94	0.138	71.0	133.4	17.8	0.189
		9.94	5.61	15.55	ONE	9.608	55.4	22.4	107.4										
43500.0	46130.0	0.526	125.6	28.4	3.55	1.360	71.0	0.841	5.467	41.8	184.0	0.8690	10.064	-1.59	0.136	69.9	133.5	18.8	0.192
		11.37	5.64	17.01	ONE	9.608	55.4	22.4	107.6										
43510.0	46130.0	0.596	126.8	25.5	2.93	1.360	66.3	0.851	5.442	52.0	184.0	0.8100	10.074	-0.74	0.132	68.5	133.5	19.4	0.197
		13.11	5.68	18.80	ONE	9.608	55.4	22.4	107.8										
ARRIVAL DATE = 2446180.0																			
43400.0	46180.0	0.630	152.0	6.7	-2.38	1.344	117.0	0.857	5.467	301.0	544.8	0.781	10.152	2.33	0.135	63.9	133.0	21.5	0.202
		13.97	5.74	19.71	TWO	9.008	57.0	22.7	110.4										
43410.0	46180.0	0.558	153.6	4.6	-2.64	1.346	112.5	0.846	5.487	310.7	544.7	0.843	10.131	2.83	0.137	66.0	133.6	21.8	0.197
		12.15	5.69	17.84	TWO	9.008	57.0	22.7	110.0										
43420.0	46180.0	0.493	153.7	2.3	-3.07	1.348	108.0	0.837	5.505	320.4	544.7	0.896	10.115	3.47	0.140	67.6	134.2	22.2	0.193
		10.56	5.64	16.21	TWO	9.008	57.0	22.7	109.5										
43430.0	46180.0	0.437	151.6	-0.6	-3.79	1.350	103.5	0.830	5.520	330.2	544.6	0.938	10.102	4.40	0.141	68.9	134.9	22.7	0.190
		9.27	5.61	14.88	TWO	9.008	57.0	22.7	109.1										
43440.0	46180.0	0.398	146.6	-5.3	-5.17	1.353	99.0	0.825	5.530	340.1	544.6	0.968	10.092	5.98	0.142	69.8	135.6	23.8	0.188
		8.40	5.59	13.99	TWO	9.008	57.0	22.7	108.8										

DEPART	ARRIVE	SPEED / DV1	R A / DV2	DECL / DVT	I 1 / LEG	V 1 / C3IST	PSI 1 / RAS	ECCEN / DECLS	SMA / LAMDA	THET1	THET2	PERIH	APHEL	I 2	V 2	PSI 2	R A	DECL	SPEED
43450.0	46180.0	0.395	137.5	-15.7	-8.54	1.355	94.5	0.822	5.536	350.0	544.5	0.985	10.086	9.55	0.143	70.3	136.9	26.1	0.188
		8.33	5.60	13.93	TWO	9.008	57.0	22.7	108.4										
43460.0	46180.0	0.633	112.5	-51.1	-26.17	1.357	90.2	0.821	5.537	359.6	544.5	0.990	10.084	27.36	0.143	70.5	142.5	35.5	0.209
		14.05	5.81	19.86	TWO	9.008	57.0	22.7	106.4										
43470.0	46180.0	0.553	170.2	73.1	20.53	1.358	85.2	0.823	5.532	10.6	184.5	0.9800	10.085	-19.15	0.143	70.4	131.0	7.1	0.197
		12.02	5.69	17.71	ONE	9.008	57.0	22.7	107.4										
43480.0	46180.0	0.429	134.4	43.4	7.79	1.359	80.8	0.827	5.523	20.4	184.5	0.9580	10.088	-6.22	0.142	70.0	133.0	15.5	0.188
		9.08	5.60	14.68	ONE	9.008	57.0	22.7	108.5										
43490.0	46180.0	0.461	128.3	33.3	4.87	1.360	76.2	0.833	5.508	30.5	184.5	0.9220	10.094	-3.10	0.140	69.2	133.6	17.7	0.190
		9.82	5.61	15.43	ONE	9.008	57.0	22.7	108.7										
43500.0	46180.0	0.519	126.8	28.5	3.62	1.361	71.5	0.841	5.489	40.7	184.4	0.8750	10.102	-1.65	0.138	68.1	133.8	18.7	0.193
		11.20	5.65	16.84	ONE	9.008	57.0	22.7	108.9										
43510.0	46180.0	0.588	127.8	25.4	2.95	1.361	66.8	0.851	5.465	50.8	184.4	0.8170	10.113	-0.76	0.135	66.7	133.8	19.3	0.197
		12.91	5.69	18.60	ONE	9.008	57.0	22.7	109.1										

ARRIVAL DATE = 2446230.0

43400.0	46230.0	0.639	152.8	6.6	-2.32	1.344	117.6	0.859	5.486	299.8	545.2	0.772	10.200	2.30	0.137	61.8	133.3	21.4	0.204
		14.21	5.76	19.97	TWO	9.056	58.6	23.1	111.6										
43410.0	46230.0	0.567	154.6	4.6	-2.55	1.346	113.0	0.848	5.506	309.6	545.1	0.836	10.177	2.77	0.139	64.0	133.9	21.6	0.199
		12.36	5.71	18.07	TWO	9.056	58.6	23.1	111.2										
43420.0	46230.0	0.500	154.9	2.4	-2.94	1.348	108.5	0.839	5.524	319.3	545.1	0.890	10.158	3.38	0.141	65.6	134.5	22.0	0.194
		10.73	5.66	16.40	TWO	9.056	58.6	23.1	110.8										
43430.0	46230.0	0.443	153.1	-0.3	-3.59	1.351	104.0	0.831	5.539	329.1	545.0	0.933	10.144	4.24	0.143	66.9	135.1	22.5	0.191
		9.40	5.63	15.02	TWO	9.056	58.6	23.1	110.4										
43440.0	46230.0	0.401	148.5	-4.5	-4.80	1.353	99.5	0.826	5.549	339.0	545.0	0.965	10.134	5.65	0.144	67.9	135.8	23.4	0.189
		8.46	5.61	14.06	TWO	9.056	58.6	23.1	110.1										
43450.0	46230.0	0.389	140.1	-13.3	-7.62	1.355	95.0	0.823	5.555	348.9	545.0	0.984	10.127	8.66	0.145	68.5	136.8	25.4	0.189
		8.21	5.61	13.82	TWO	9.056	58.6	23.1	109.7										
43460.0	46230.0	0.529	121.1	-41.5	-19.68	1.357	90.6	0.822	5.556	358.7	544.9	0.990	10.123	20.91	0.145	68.7	140.8	32.4	0.200
		11.44	5.72	17.17	TWO	9.056	58.6	23.1	108.4										
43470.0	46230.0	0.650	208.2	78.6	26.70	1.358	85.7	0.823	5.553	9.6	184.9	0.9810	10.124	-25.29	0.144	68.6	140.8	3.9	0.207
		14.48	5.79	20.27	ONE	9.056	58.6	23.1	107.9										
43480.0	46230.0	0.430	137.1	45.2	8.45	1.360	81.2	0.827	5.544	19.4	184.9	0.9610	10.127	-6.86	0.143	68.2	133.2	15.0	0.190
		9.10	5.61	14.71	ONE	9.056	58.6	23.1	109.7										
43490.0	46230.0	0.456	130.0	33.8	5.07	1.360	76.7	0.832	5.530	29.4	184.9	0.9270	10.133	-3.28	0.142	67.5	133.8	17.5	0.191
		9.70	5.62	15.32	ONE	9.056	58.6	23.1	110.0										
43500.0	46230.0	0.512	128.1	28.5	3.70	1.361	72.0	0.840	5.511	39.6	184.9	0.8810	10.142	-1.71	0.140	66.4	134.0	18.6	0.194
		11.02	5.66	16.68	ONE	9.056	58.6	23.1	110.1										
43510.0	46230.0	0.580	128.8	25.4	2.98	1.361	67.3	0.850	5.489	49.7	184.8	0.8240	10.153	-0.78	0.137	65.0	134.1	19.2	0.198
		12.70	5.70	18.40	ONE	9.056	58.6	23.1	110.3										

ARRIVAL DATE = 2446280.0

43400.0	46280.0	0.649	153.7	6.5	-2.25	1.344	118.1	0.861	5.506	298.7	545.5	0.764	10.249	2.27	0.138	59.9	133.7	21.2	0.206
		14.45	5.78	20.24	TWO	9.708	60.2	23.4	112.8										
43410.0	46280.0	0.575	155.6	4.5	-2.46	1.346	113.6	0.850	5.526	308.4	545.5	0.829	10.224	2.73	0.141	62.0	134.2	21.5	0.201
		12.58	5.73	18.30	TWO	9.708	60.2	23.4	112.4										
43420.0	46280.0	0.508	156.1	2.4	-2.81	1.349	109.0	0.841	5.544	318.2	545.5	0.884	10.204	3.30	0.143	63.8	134.8	21.8	0.196
		10.91	5.68	16.59	TWO	9.708	60.2	23.4	112.0										
43430.0	46280.0	0.449	154.6	-0.1	-3.40	1.351	104.5	0.833	5.559	328.0	545.5	0.929	10.188	4.09	0.144	65.1	135.3	22.3	0.193
		9.53	5.65	15.18	TWO	9.708	60.2	23.4	111.6										
43440.0	46280.0	0.404	150.4	-3.8	-4.48	1.353	100.0	0.827	5.569	337.9	545.4	0.962	10.177	5.36	0.146	66.1	136.0	23.1	0.191
		8.53	5.62	14.15	TWO	9.708	60.2	23.4	111.3										
43450.0	46280.0	0.386	142.5	-11.3	-6.86	1.355	95.5	0.824	5.575	347.8	545.4	0.982	10.169	7.93	0.146	66.7	136.9	24.8	0.190
		8.14	5.62	13.75	TWO	9.708	60.2	23.4	111.0										
43460.0	46280.0	0.470	126.8	-33.9	-15.60	1.357	91.1	0.823	5.577	357.6	545.4	0.989	10.165	16.86	0.146	67.0	139.8	30.1	0.197
		10.03	5.69	15.72	TWO	9.708	60.2	23.4	110.1										
43480.0	46280.0	0.433	140.0	47.3	9.27	1.360	81.7	0.827	5.566	18.3	185.3	0.9630	10.168	-7.65	0.145	66.5	133.3	14.4	0.191
		9.17	5.63	14.79	ONE	9.708	60.2	23.4	110.9										
43490.0	46280.0	0.451	131.7	34.3	5.29	1.361	77.2	0.832	5.553	28.3	185.3	0.9310	10.174	-3.49	0.144	65.8	134.1	17.2	0.192
		9.58	5.64	15.22	ONE	9.708	60.2	23.4	111.2										
43500.0	46280.0	0.505	129.4	28.6	3.78	1.361	72.5	0.840	5.535	38.4	185.3	0.8860	10.184	-1.78	0.142	64.8	134.4	18.4	0.195
		10.86	5.67	16.52	ONE	9.708	60.2	23.4	111.3										
43510.0	46280.0	0.572	129.9	25.3	3.01	1.361	67.8	0.849	5.513	48.6	185.2	0.8310	10.195	-0.81	0.139	63.4	134.5	19.1	0.199
		12.50	5.71	18.21	ONE	9.708	60.2	23.4	111.4										
43520.0	46280.0	0.646	132.1	22.8	2.57	1.361	63.1	0.861	5.487	58.7	185.1	0.7650	10.209	-0.14	0.136	61.7	134.5	19.5	0.204
		14.38	5.76	20.15	ONE	9.708	60.2	23.4	111.5										