

NORMAL PLACES

	Julian Date	Phase from J. D. 2,420,800	Observed Velocity	Weight	Computed Velocity Preliminary	Computed Velocity Final	O-C Pre- liminary	O-C Final
1	2,420,800.50	0.50	+ 94.4	1.2	+ 88.4	+ 89.4	+6.0	+ 5.0
2	801.42	1.42	+ 97.5	1.3	+ 98.1	+ 99.5	-0.9	- 2.0
3	802.17	2.17	+ 85.5	1.3	+ 81.9	+ 85.2	+0.6	+ 0.3
4	802.97	2.97	+ 56.0	0.4	+ 55.1	+ 53.3	+0.9	+ 2.7
5	801.62	4.62	- 33.2	2.0	- 25.4	- 30.3	-7.8	- 2.9
6	805.89	5.89	- 74.3	1.0	- 80.7	- 85.4	+6.4	+11.1
7	806.63	6.63	-112.2	1.1	-105.0	-108.6	-7.2	- 3.6
8	808.48	8.48	-133.2	1.7	-131.0	-130.6	-2.2	- 2.6
9	809.46	9.46	-119.7	0.8	-120.5	-118.5	+0.8	- 1.2
10	809.81	9.81	-101.8	0.7	-111.4	-109.1	+6.6	+ 4.3
11	810.55	10.55	- 81.8	1.0	- 86.5	- 84.1	+4.7	+ 2.3
12	811.69	11.69	- 27.5	1.8	- 27.9	- 26.6	+0.4	- 0.9
13	813.25	13.25	+ 56.1	0.6	+ 62.2	+ 62.6	-6.1	- 6.5

PRELIMINARY ELEMENTS

$$\begin{aligned}
 P &= 13.435 \text{ days} \\
 T &= \text{J. D. } 2,420,800.336 \\
 e &= 0.10 \\
 \omega &= 330^\circ \\
 K &= 115 \text{ km.} \\
 \gamma &= -26.06 \text{ km.}
 \end{aligned}$$