

VERKES OBSERVATORY MEASURES

Date	Julian Date	Phase	Velocity	Lines	O-C
1906					
Jan. 26	2,417.237-742	1.887	-164	2	+28
Jan. 29	240.711	0.496	-3	3	-9
Feb. 12	251.653	1.221	-213	4	-61
Feb. 16	258.622	0.800	-92	4	+3

OTTAWA MEASURES

Plate	Date	Julian Date 2,420,000 +	Phase	Absorption			Emission		
				Vel.	Wt.	O-C	Vel.	O-C	Character of
	1915								
7118	Nov. 17	0,819.835	3.360	+119	3	+9			
	1916								
7183	Jan. 13	0,876.676	3.086	+26	4	-8	+62	+28	faint
7505	Feb. 13	0,907.671	3.330	+80	2	-20	+102	+2	poor
7513	Feb. 20	0,914.645	1.515	-195	3	+8	-243	-40	faint
7518	Feb. 23	0,917.601	0.080	+172	6	+9			
7540	Mar. 5	0,928.583	2.273	-101	4	-15	-202	-56	
7543	Mar. 11	0,934.509	3.805	+200	4	-12	+169	-43	poor
7548	Mar. 17	0,940.550	1.059	-194	4	-36			
7569	Mar. 23	0,946.521	2.640	-72	4	+4			
7584	Mar. 30	0,953.524	0.853	-99	3	+11	-48	+62	pronounced
7593	April 2	0,956.521	3.853	+217	5	-2	+200	-19	
7598	April 3	0,957.519	0.455	+9	3	-16			
7913	Nov. 21	1,189.803	4.282	+214	3	+3			
7914	Nov. 21	1,189.869	4.348	+205	4	+8	+207	+10	poor
7926	Dec. 10	1,208.763	1.275	-158	2	+30	-153	+35	fair
7927	Dec. 10	1,208.826	1.338	-233	3	-39	-192	+2	fair
7935	Dec. 14	1,212.774	0.892	-106	3	+15	-27	+94	pronounced
7957	Dec. 19	1,217.739	1.464	-184	3	+17	-230	-29	poor
7961	Dec. 25	1,223.741	3.073	+41	6	-9	-2	-48	good
7970	Dec. 29	1,227.713	2.651	-72	3	+3			
	1917								
7979	Jan. 10	1,239.723	1.481	-181	4	+18			
7984	Jan. 11	1,240.702	2.460	-116	5	-2			
8006	Jan. 20	1,249.696	2.667	-75	3	-5			
8019	Jan. 30	1,259.701	3.888	+237	4	-5	+255	+23	fair
8024	Feb. 1	1,261.656	1.447	-196	4	+5	-206	-5	
8058	Feb. 15	1,275.596	2.207	-180	3	+5	-235	-78	no contrast

The foregoing tables give the data of the observations and are for the most part self-explanatory. The phases are reckoned from the periastron passage finally adopted,