nyophae.proj.1771.

KG
11366
v.767

12819 to 13179

Jup. Ecl. & Var. Stars. No. 3.

Times and Obsys of measures.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

U Cephei

C 1378 19 August 29. 1900.

1 t

18 29 32

12 18 39 32

22 18 49 32

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 12819 August 29. 1900.

32 18 59 32

42 19 09 32

52 19 19 32

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 12819 August 29. 1900

6z 19 29 32

7z 19 39 32

8z 19 49 32

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 1278 19 August 19. 1900.

92 19 59 32

102 20 09 32

112 20 19 32

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C12819 August 29. 1900.

122 20 29 32
123 t

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

6

W. Delphini

C12833 September 7. 1900.

Even measures Copied from Bk. IV. p. 4.
Odd " " " Bk. IS. p. 5.

1	+		d1
	14	32	28 e8
		37	28 d6 V
		42	28 d0 L
		47	28 d8 V
		52	28 d2 T
		57	28 d9
	15	02	28 d8
		07	28 e0
		12	28 d8
		17	28 d8
12		22	28 e0
		27	28 e6
		32	28 e3
		37	28 e6
		42	28 f4 V
		47	28 e7
		52	28 e9
		57	28 f0
	16	02	28 —
		07	28 —
22		12	28 —
		19	28 —
		24	28 —
25	+		—

Copied for printer

Bond 39 4" 56 0. Post.

There is a slip somewhere of three minutes between images 1 and 23. Therefore all working from images previous to 23 may be in error by three minutes.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

W. Delphini

C 1 7 8 34 Sept. 7, 1900.

1

Apparatus did not work well making marking uncertain.

John C. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

W. Delphini

C 12835 September 7, 1902.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

ν Delphini

Even measures ~~copied from Book~~ 16, p. 178
Odd " " " 15, p. 194
C 12836 September 12, 1900.

Useless on account of clouds. ?

? See plate.

1	12	53	30	K5
	12	58	30	K8
	13	03	30	K5
	13	08	30	K7
	13	13	30	K5
7	13	18	30	K7
	13	23	30	K5
	13	28	30	K7
	13	33	30	K7
11	13	38	30	K6
	13	44	30	K5
13	13	49	30	K4
	13	54	30	K4
	13	59	30	clouds
	m			—
	14	09	30	clouds
	14	14	30	K4
19	14	19	30	K5
	14	24	30	K3
	14	29	30	K5
	14	34	30	K1
	14	39	30	K9
24	14	44	30	—
25	14	49	30	—

There is an error of 1 min. in times due to commutator, somewhere in this space

There is an error of 1 min. in times due to commutator, somewhere in this space

Copied for printer.

John C. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

+45.3062

C 13837 September 13. 1902.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

U. Cephei

C 12838 September 13. 1900.

John C. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Occultation of B. A. C. 1242

C 12 & 39 September 13. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Occultation of B. A. C. 12472

C 12840 September 13, 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Occultation of i Tauri

C 12842 September 14, 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics - Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

U. Cephei

C 12844 September 18. 1900.

1	t			
	13	48	30	
12	13	58	30	
22	14	08	30	

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 12844 Sept. 18. 1900

32 14 18 30

42 14 28 30

52 14 38 30

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 12844 Sept. 18. 1900.

62 14 48 30

72 14 58 30

82 15 08 30

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 12844 Sept. 18. 1900

9h 15m 18s 30

10h 15m 28s 30

11h 15m 38s 30

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13544 Sept. 18. 1900.

122 15 48 30
123 t

Bond — 394 = 0.5 slow

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

H. Ceres

C 13845 Sept. 18. 1900.

See next page

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

U. Cephei

C 12845 Sept. 18. 1900.

1	t			
	17	44	30	
12	17	54	30	
22	18	04	30	

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 12845 Sept. 18. 1900.

32 18 14 30

42 18 24 30

52 18 34 30

John C. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 12445 Sept 18. 1900.

62 18 44 30

72 18 54 30

82 19 04 30

John C. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 12845 Sept. 16, 1900.

92 19 14 30

102 19 24 30

112 19 34 30
113 t

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12850 Sept 19. 1900

~~50~~ 49

Eros

C 12850 Sept. 19, 1900.

1
2
3
4
5
6
7
8
9

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12851 Sept 21, 1900.

1	12	37	58
2	12	41	31

· clds.



1st image had $2^m\ 06^s$ exposure

Bond 394 = 1.5 slow

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12852 Sept. 22. 1900

Useless.

John C. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Ceraski's Var 20 04 +46.0

Even measures copied from Book 16, p. 163. -A.E.
Odd " " " 15, p. 178 R.W.L.

"C" 12 & 53 Sept. 22. 1900

1	t			
	15	02	03	d0
	15	12	03	d6
	15	22	03	d1
	15	32	03	d0
	15	42	03	d3
	15	52	03	c7
	16	02	03	d1
	16	12	03	c5
	16	22	03	d0
	16	32	03	c1
12	16	42	03	d0
13	t			

Bmd 394 = 1.9 slow.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Ceraski's Var.

Even measures copied from Book 16, p. 163. - AE
Odd " " " " " 15. p. 178. RWL

C 13854 Sept. 22. 1900

1		t		
	17	02	03	c5
	17	12	03	c7
	17	22	03	c7
	17	32	03	– Done.
	17	42	03	–
	17	52	03	c3
	18	02	03	c4
	18	12	03	c4
	18	22	03	c5
11		t		

Bond 344 = 1.9 slow.

Interference by shutter, thus reducing the aperture.

See note.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.174.

ζ Cephei

C 12858 Sept. 23. 1900.

	t			
1		17	44	31
12		17	54	31
22		18	04	31

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 12858 Sept 23. 1900.

32 18 14 31

42 18 24 31

52 18 34 31

John C. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

32

C 13858 Sept 23, 1902

62 18 44 31

72 18 54 31

82 19 04 31

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 12858 Sept. 23, 1900,

92 19 14 31

102 19 24 31

107 19 28 31
t

Bond 394 = 1.5 slow

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

34

H Coronae

C 17859 Sept 24, 1900.

No images on plate.

Not exposed — See remarks.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12861 Sept 24. 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12863 Sept 24. 1900.

Useless

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 1286 – Sept 25. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12869 Sept 26, 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

U Cephei

C 13872 Sept 28. 1900.

1	t	
	13 35	31
12	13 45	31
22	13 55	31
24	13 57	31

Clouds interfered at this point.
Above markings may be several seconds in error as the error of Willard was not recorded
It was 19.5 slow of Bond 394 on Oct 1st.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

U Coronae

C 12873 Oct 1, 1900.

1	t	
	12	09 52
12	12	19 52
18	12	25 52

No more images — Clds.

Bond 394 = 2.5 slow

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics · Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

W. Delphini

⊙ 12885 Oct. 11. 1900.

From Book 16, f.7.

1		t		All the
	15	01	30	images are
				brighter
	15	11	30	than ⊙ &
				owing to
	15	21	30	the absence
				of ⊙ from
	15	31	30	plate, mea-
				surement
	15	41	30	is impossible.
12	15	51	30	
	16	01	30	
	16	11	30	
	16	21	30	
	16	31	30	
22	16	41	30	
	16	51	30	
25	16	56	30	

Bond 314 = 1.5 slow

There may be an error of one minute in the workings of the first few images, but the apparatus apparently worked for over four hours without skipping a beat so it is possible the the above marking is O.K, and the recorded time of starting is one minute in error.

John C. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 17886 Oct. 11. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Occultation of ζ Tauri

C 13887 Oct 12. 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 17888 Oct 15, 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12889 Oct 15, 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Occultation of 29 Cancri

C 12891 Oct 15. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Occultation of 29 Cancri

C 13892 Oct. 15, 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13893 Oct 16. 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12894 Oct. 16. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros.

C 12895 Oct 17. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12898 Oct 17. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12899 Oct 18. 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12900 Oct 19. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 1290 1 Oct. 19. 1900.

Useless

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12902 Oct 19. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12903. Oct 20. 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12904 Oct 20. 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 1290 5 Oct 20. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12907 Oct 20, 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12908 Oct 20. 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12909 Oct 20. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12910 Oct 21, 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 1 1 2 9 1 1 Oct 22. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12912 Oct 22. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 1299 14 Oct 22. 1900.

	t		
1	20	58	28
	21	08	28
	21	18	28
	21	28	28
	21	38	28
12	21	48	28
	21	58	28
15	t		

Bond 394 = 1.7^{s} Slow

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 1291 S Oct 23. 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12916 Oct 23. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

Eros

C 1 2 9 17 Oct 23. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12918 Oct 24. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 1899 Oct 24. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Erro

C 1792 20 Oct 24, 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

74

Eww measures copied from Book 16, p. 163, - AE
Odd " " " " 15, p. 178. RWL

Ceraskés Var

C 17921 Oct 14, 1900

1		t		
	14	5 7	56	d3
	14 5	0 7	56	e5
	14 5	1 7	56	d2
	14 5	2 7	51	e4
	14 5	3 7	51	d0
	14 5	4 7	56	d2
	14 5	5 7	56	c9
	15 6	0 7	56	d0
	15 6	1 7	56	c9
	15 6	2 7	56	c8
12	15 6	3 7	51	c7
13		t		

Recorded time given by "K's watch" instead of by eastern time, & no error of watch is given. If the watch was right to within 30 seconds or so, then the above markings are correct but if it had a larger error there will be an error in the markings.

Bond 3 4 = 1.8 S slow.

Comparison on page 91 : Above markings correct as they now stand.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12922 Oct 24, 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13923 Oct 24, 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12924 Dec 24. 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 1929 25 Oct 25, 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12926 Oct 25, 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771:

Eros

@ 12927 Nov. 2, 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12928 Nov. 2. 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

82

Ceraski's Var

Eiew measures copied from ~~Book 16, p. 163, - Q.C.~~ 15, p. 178. RWL

Odd C" 129" 29" Nov. 2, 1900

	t		
1			
	13	40	03 l5
	13	50	03 m4
	14	00	03 m1
	14	10	03 m7
6	14	20	03 m1
	14	30	03 m7
	14	40	03 m0
	14	50	03 m6
	15	00	03 m0
	15	10	03 m5
12	15	20	03 l9

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Ceraskis Var

C 12930 Nov. 2. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

84

Eros

C 12931 Nov. 2, 1900.

Useless.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12932 Nov. 2. 1900.

John C. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

Eros.

C 12934 Nov 6. 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12935 Nov. 6, 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

© 12937 Nov. 6. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12942 Nov 10. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12943 Nov. 10, 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12945 Nov. 10. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

Ω 12946 Nov 13. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

© 12947 Nov. 12. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

94

Eros

C 17948 Nov. 15. 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 1 29 49 Nov. 12. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Occultation of 50 Cancri

C 12950 Nov 12. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Occultation of 58 Aquarii

C 12951 Nov. 12. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1774.

Occultation of 42 Cancri

C 17952 Nov. 12. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12953 Nov. 12. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.171.

100

Eros

© 12954 Nov. 12. 1900.

Useless

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12955 Nov. 14. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.171.

102

Eros

C 12957 Nov, 14, 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phaer.proj.1771.

Eros

C 1295-8 Nov. 16. 1900

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1774:

Eros

C 12959 Nov: 16, 1900.

Useless

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12961 Nov. 16. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.174

Eros.

C 12962 Nov. 16. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros.

C 13963 Nov. 21, 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1774

Eros

C 12964 Nov 21, 1900

Useless

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12966 Nov. 21. 1900.

1 t
17 37 31

11 17 46 31
12 does not show on plate.

Bond 394 = 0.5 foot

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1711

Eros

@ 12968 Nov. 21. 1900.

1 t
22 03 31

22 12 31
12 t

Bond 394 = 0.s4 fast.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12969 Nov. 21. 1900.

	t		
1	22	20	31
	22	25	31
	22	30	31
	22	35	31
	22	40	31
	22	45	31
	22	50	31
9		t	

Bond 394 = 0.^{s}4 fast.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

Eros

C 12970 Nov. 22. 1900

	t		
	11	43	29
	11	53	29
	12	03	29
	12	13	29
	12	23	29
11	12	28	29

Clds



John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Ero

C 1297, Nov. 22. 1900

1 t
10 06 27

10 15 27
12 t

Bond 394 = 0.8 foot.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

Eros

C 12972 Nov 23, 1900

	t
1	
	10 23 27
	10 28 27
	10 33 27
5	10 38.27
	Armature evident by chattered, thus making a very long break.
6	10 43 27
	10 48 27
	10 53 27
	10 58 27
	11 03 27
	11 08 27
12	

Starting time recorded by Mr King
Ending " " " " Mc Cullar.

Mistake of one minute in record, and the ending time is assumed to be one minute in error.

Bond 394 = 0.^{s}8 fast,

There was also a mistake of one minute made by Mr. Mc.C. in 12973 so evidently the above assumption is correct.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

W. Delphini

C 12973 Nov. 23. 1900.

PLOTTED

Even measures copied from BKH, p.5
Odd " " " " Bk 15, p.4.

1	t		—	
	12	21	27	d_0
	12	26	27	d 1
	12	31	27	e 8
	12	36	27	d 2
	12	41	27	d 1
	12	46	27	d 2
	12	51	27	e 0 V
	12	56	27	d 2 L
	13	01	27	e 2 V
	13	06	27	d 5
12	13	11	27	e 4 2
	13	16	27	e 0
	C	~~21~~	~~27~~	~~d 8~~ e 4
	13	26	27	e 4
	C	~~31~~	~~27~~	~~e 2~~ d 8
	13	36	27	f 0 T
	13	41	27	e 2
	13	46	27	g 0 L
		51	27	e 8
21	t		—	

Copied for printer

The above marking is probably in error, for part of the images, by 15 minutes. There are 3 images too few on the plate and therefore it is impossible to make sure of the marking. But trails account for 8 other images.

Bond 394 = 10.8 foot.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12974 Nov 23. 1900

	t		
1	15	26	26
	15	36	26
	15	46	26
	15	56	26
	16	06	26
	c		
	c		
12	c		
	c		
	c		
	c		
16	c		

Bond 394 = 0.^{s}8 fast.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

© 12975 Nov 28. 1900

No images on plate

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

© 12976 Nov 28. 1900

1	t		
	10	14	34
	10	23	34
12	t		

Above workings are evidently correct. There is an error of one minute in recorded time of ending, but as the observers watch was 50^s in error the mistake is a natural one to make. Mc Cutlar (Obsr)

Bond 394 = $3.^s1$ slow

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

W. Delphini

C 12977 Nov. 28. 1900.

Even Measures for Book 16, p. 8.
Odd " " " 15, p. 8.

PLOTTED

1	t			
	12	22	34	h7
				h0
	12	32	34	h6 L
				h0
6	12	42	34	h2
				g8
	12	52	34	g8
				g5
	13	02	34	f2 V
				g2
12	13	12	34	e8 V
				f2
	13	22	34	e0 L
				e5 V
	13	32	34	d3 T
				d8 V
16	13	42	34	e7
				d7
	13	52	34	d7
				d5
22	14	02	34	d3
				d0
	14	12	34	—
	14	17	34	d0
26	t			—

Copied for printer

Bond 394 = 3.s1 slow

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

120

Eros

C 12978 Nov. 28, 1900.

1		t
	15	32 34
	15	42 34
	15	52 34
	16	02 34
	16	12 34
12	16	22 34
	16	32 34
	16	37 34
16		t

Bond 394 = 3.5 slow

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12980 Dec. 1, 1900.

1	t			
	10	26	33	
12	10	36	33	
22	10	46	33	

dds.

Marking slightly uncertain. Images effected by clouds.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

U Cephei

C 17981 Dec. 7. 1900.

(Cloude)

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12983 Dec. 7. 1900.

1		t	
	20	38	28
	20	48	28
	20	58	28
	21	08	28
	21	18	28
	21	23	28
12		t	

Bond 394 = 0.^{s}6 fast.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

© 12984 Dec. 8. 1900.

1 +

12 t

This plate couldn't have ended at 8 39 and the next one started at 6 33, therefore I am uncertain how to mark it.

John C. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12985 Dec. 8. 1900.

1	~~t~~		
	11	34	27
	11	39	27
	11	49	27
	11	59	27
	12	09	27
11	12	19	27

First image assumed to be recorded wrong as other three times check.

Bond 394 = 0.^{s}7 fast.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12988 Dec. 9. 1900.

	t
13 22 28	
13 29 28	
13 32 28	
13	t

Bond 394 = 0.s2 fast.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12989 Dec. 9. 1900.

1		+	
	13	5v	27
	14	0v	27
	14	1v	27
	14	2v	27
	14	3v	27
	14	37	27
12		+	

Bond 394 = 0.s2 fast.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics · Provided by the NASA Astrophysics Data System

1900phae.proj.1774.

Eros

C 12991 Dec. 9. 1900.

1	+		
	21	07	27
	21	17	27
	21	27	27
	21	37	27
9	21	42	27
10	+		

Bond 394 — 0.2 fast

1900phae.proj.1771.

Eros

C 12992 Dec. 10. 1900.

1 +
10 13 27

10 23 27
12 +

Bond 394 = 0.^{s}1 slow.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics · Provided by the NASA Astrophysics Data System

1900phae.proj.1771

130

Eros

C 12993 Dec. 10. 1900.

Marking times uncertain

Useless

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 12995 Dec. 11. 1900.

1		†	
	15	51	28
	16	01	28
	16	11	28
	16	21	28
	16	31	28
12	16	41	28
	16	51	28
	16	56	28
16		†	

Bond 394 = 0.^{s}2 slow.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics · Provided by the NASA Astrophysics Data System

1900phae.proj.1771

Eros

C 12996 Dec. 11, 1900.

1	19	26	28
	19	36	28
	19	46	28
	19	56	28
	20	06	28
	20	16	28
12			
	20	26	28
	20	36	28
16		+	

Bond 394 = 0.s3 slow.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

U. Cephei

C 12997 Dec. 12. 1900.

1		+		
	10	41	30	
12	10	51	30	
22	11	01	30	

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 1497 Dec. 12. 1900.

32 11 11 30

42 11 21 30

11 22 30

44 +

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

U. Cephei

C 12998 Dec. 12. 1900.

U. Cephei not on plate.

Useless

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

136

U. Cephei

C 12999 Dec. 12. 1900

1	+			
	12	37	30	
12	12	47	30	
22	12	57	30	

5(

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 12999 Dec. 12. 1900.

32 13 07 30

42 13 17 30

52 13 27 30

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

C 12999 Dec 12. 1900.

62 13 37 30

68 13 43 30

No more wires Clks.

Bond 394 = 0.s3 slow.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13002 Dec. 14. 1900

A general mist in the record
None of the times seem to check.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13003 Dec. 14. 1900

1	+		
	14	38	33
	14	48	33
	14	58	33
	15	08	33
	15	18	33
	15	23	33
12	+		

Bond 394 = $0.^{s}1$ slow.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

U Cephei

C 13008 Dec. 17. 1900.

1	+			
	10	04	34	
12	10	14	34	
22	10	24	34	

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13008 Dec. 17 1900.

32 10 34 34

42 10 44 34

52 10 54 34

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13008 Dec. 17. 1900.

62 11 04 34

11 10 34
69 t

Bond 394 = 1.5 slow.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

U. Cephei

C 13009 Dec 17. 1900.

Images are mixed up on plate.

Useless

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Even measures copied from Book 16, p. 164 - WE
Odd " " " " 15, p. 179. RWL

Cerasis Var

C 13013 Dec. 18. 1900.

Single images only although according to record the apparatus worked for nearly two hours.

1		+		
	10	23	02	K2
	10	33	02	k8
	10	43	02	h8
	10	53	02	h0
	11	03	02	g2
	11	13	02	f8
	11	23	02	f5
	11	33	02	f0
	11	43	02	f0
	11	53	02	e6
12	12	03	02	e4
13		+		

Bond 394 = 1.^{s}8 slow.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.177:

140

Even measures copied from Book 16, p. 164. – A.E.
Odd " " " " 15, p. 179 R.W.L

Ceraskie Par.

C 13014 Dec. 18. 1900.

1	..	+		
	12	23	02	d 12
		33	02	d 6
		43	02	d 9
		53	02	–
	13	03	02	d 1
		13	02	d 0
		23	02	c 9
		33	02	c 9
		43	02	c 8
		53	02	c 7
12	14	03	02	c 8
		13	02	c 6
14		+		c 8

Bond 394 = 1.8 slow.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13019 Dec 20. 1900.

1		t	
	13	11	31
	13	21	31
	13	31	31
7		c	
	13	41	31
	13	46	31
10		t	

Bond 394 = 1.6 Sbcs.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13024 Dec 22. 1900.

1		t		
	12	41	29	
	12	51	29	
	12	01	29	
	12	11	29	
	12	21	29	
11		t		

Bond 394 = $0^s.9$ slow

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13032 Dec. 26. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13033 Dec. 26. 1900.

1 t
19 50 31

12 20 00 31
13
20 02 31
15 t

Bond 394 = ± 0.s0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13034 Dec. 27. 1900.

1 t
10 03 31

12 10 13 31

10 16 31
16 t

Bond 394 = 0.s6 fast.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.171.

Eros

C 13035 Dec. 27, 1900.

1	t			
	10	24	31	
	10	34	31	
	10	44	31	
	10	54	31	
	11	04	31	
12	11	14	31	
	11	24	31	
	11	34	31	
17	t			

Bond 394 = $0^s.6$ fast.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Occultation of 16 Piscium

C 13036 Dec. 27. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Occultation of 9 Piscium

C 13037 Dec. 27. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Occultation of 9 Piscium

C 13038 Dec. 27. 1900.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics · Provided by the NASA Astrophysics Data System

1900phae.proj.171.

Eros

C 13050 Dec. 29. 1900

1	t		
	14	26	29
	14	36	29
	14	46	29
	14	56	29
	15	06	29
11	t		

Bond 394 = $1^{s}.4$ fast.

Recorded times and images do not check within five minutes, therefore the above times may be and probably are five minutes in error.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

U. Cephei

C 13053 Jan. 1. 1901.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics · Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics · Provided by the NASA Astrophysics Data System

1900phae.proj.171.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

c

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics - Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13054 Jan. 1. 1901.

1 t
12 46 29

12 56 29
13 t

Bond 394 = 3.3 fast.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13055 Jan. 1. 1901.

1	t		
	13	06	29
	13	16	29
	13	26	29
	13	36	29
	13	46	29
	13	51	29
12	t		

Bond 394 = 3.^{s}3 fast.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics · Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Occultation

C 13057 Jan. 1. 1901.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

S. Cancri

Measures 4, 14, etc. copied from Book 15, p. 145. R W L.
" 9, 19 " " " " 16, p. 130 - AE

C 13063 Jan 3. 1901

1	t				Copied for printer
	12	49	23	✓	
	12	51	23	d6	
	12	56	23	d7	
12	12	59	23	✓	
	13	01	23	d7	
18	13	05	23	✓	
	13	06	23	d5	
22	13	09	23	✓	
	13	11	23	d6	
	13	16	23	d7	

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics · Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13063 Jan 3. 1901

32 13 19 23

13 21 23 d6

13 26 23 d8

42 13 29 23

13 31 23 d6

13 36 23 d8

52 13 39 23

13 41 23 d8

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13063 Jan 3. 1901

13 46 23 e0

62 13 49 23

13 51 23 d8

13 56 23 e2

72 13 59 23

14 01 23 e0

14 06 23 e2

82 14 09 23

14 11 23 e0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

C 13063 Jan 3 1901

14 16 23 e2

92 14 19 23

14 21 23 e0

—

102 14 29 23

14 31 23 e0

—

112 14 39 23

—

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13063 Jan 3. 1901

14 46 23
120 14 47 23
121 t

The above times are probably correct although the record is so mixed up that there is considerable uncertainty about it.

Bond 394 = 3.6 fast.

New above times are correct. The trouble was caused by having two plates by the same number and I got hold of the one which should have been 13064.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

S Cuccu

Measures 4, 14, etc. ~~copied from~~ Book 15, p. 145. R.A. L.
" 9, 19 " " " " 16, " 130 - a6

C 13064 Jan 3 1901

1 t Copied for printer
15 46 23

In square.

In square

12 15 56 23

15 58 23 f9

16 03 23 f8

22 16 06 23

16 08 23 f9

16 13 23 f9

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13064 Jan 3. 1904

32 16 16 23

16 18 23 f9

16 23 23 f9

42 16 26 23

16 28 23 g0

16 33 23 f9

52 16 36 23

—

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics · Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13064 Jan. 3, 1901.

—

6h 16 46 23

—

—

7h 16 56 23

—

—

8h 17 06 23

—

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13064 Jan 3 1904

—

92 17 16 23

—

—

10 2 17 26 23

—

—

11 2 17 36 23

—

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics · Provided by the NASA Astrophysics Data System

1900phae.proj.174.

© 13064 Jan 3 1901

120 17 43 23 —
t

Bond 394 = 3.56 foot —

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

S Cancri

Measures 4, 14, etc. copied from Book 15, p. 146. RW L
" 9, 19 " " " " " 16 " 131 aE

C 13065 Jan 3 1901

1	t				Copied for printer
	17	47	23		
	17	49	23	f	9
	17	54	23	f	9
12	17	57	23		
	17	59	23	f	9
	18	04	23	f	9
22	18	07	23		
	18	09	23	f	9
	18	14	23	f	9

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13065 Jan 3. 1901

32 18 17 23

18 19 23 f9

18 24 23 f8

42 18 27 23

18 29 23 f9

18 34 23 f8

52 18 37 23

18 39 23 f9

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13065 — Jan 3. 1901

18 44 23 f8

62 18 47 23

18 49 23 f9

18 54 23 f9

72 18 57 23

18 59 23 f9

19 04 23 f9

82 19 07 23

—

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

178

C 13065 Jan 3 1901

19 14 23 fg

92 19 17 23

—

19 24 23 fg

102 19 27 23

—

19 34 23 fg

112 19 37 23

—

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13065 Jan 3 1901

120 19 44 23 fg
t

Bond 394 = 3.6 fast.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

Cerasko's Var

C 13066 Jan 5. 1901

1	t		
	10	20	52
	10	30	52
	10	40	52
	10	50	52
	11	00	52
	11	10	52
	11	20	52
	11	30	52
	11	40	52
	11	50	52
12	t		

Bond 394 = 1.1 fast

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eorw measures copied from Book 16, p. 164, - AE.
Odd " " " 15, p. 178. RWL

Cirasis Var

C 13067 Jan. 5, 1901

1		t		
	12	30	50	d'4
	12	40	50	e 5
	12	50	50	e6
	13	00	50	f6
	13	10	50	e'0
	13	20	50	g5
	13	30	50	f8
	13	40	50	
10		t		

Bond 394 = 1.5 feet.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13082 Jan 9. 1901

1		t	
	11	31	30
	11	41	30
	11	51	30
	12	01	30
	12	11	30
11		t	

Bond 394 = 0.^{s}4 slow

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

δ Cancri

C 13083 Jan 13. 1901

Signals not working well

Can not be marked.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.171.

Eros

C 13084 Jan 16. 1901.

1 t
14 16 30

14 25 30
12 t

Bond 394 = 0.s5 slow.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13088 Jan 16. 1901

1	t			
	17	16	30	
	17	26	30	
	17	36	30	
	17	46	30	
	17	56	30	
12	~~18~~	06	30	
	18	16	30	
16	18	26	30	
17		t		

Bond 394 = $0^s.4$ slow.

John C. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13087 Jan 18. 1901

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13088 Jan 18. 1901.

John C. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

U Cephei

C 13091 Jan 18. 1901

	t
18	14 31
12 18	24 31
22 18	34 31

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13091 Jan 18. 1901

32 18 44 31

42 18 54 31

52 19 04 31

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13091 Jan 18, 1901

62 19 14 31

72 19 24 31

Clus

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Even measures from Book 16 p. 164. -as
Odd " " " 15 p. 179 Rust
Triaskis Variable

+45.3062

C 13092 Jan 19. 1901

1		t		
	10	42	01	K8
	10	52	01	l3
	11	02	01	K2
	11	12	01	h6
	11	22	01	g8
	11	32	01	f9
	11	42	01	f8
	11	52	01	f5
	12	02	01	f0
	12	12	01	g2
	12	22	01	e4
13		t		

Bond 394 = 0.°8 fast.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.171.

S Coneri

Measures 4, 14, etc. copied from Book 15, p. 146. RWL
" 9, 19, " " " " 16 " 131. AG

C 13094 Jan 22 1901

1	t				Copied for printer
	11	07	27		
	11	09	27	d3	
	11	14	27	d0	
12	11	17	27		
	11	19	27	d2	
	11	24	27	d3	
22	11	27	27		
	11	29	27	d5	
	11	34	27	d3	

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13094 Jan 22. 1901

32 11 37 27

11 39 27 d5

11 44 27 d3

42 11 47 27

11 49 27 d7

11 54 27 d4

52 11 57 27

11 59 27 d6

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13094 Jan 22, 1901

12 04 27 d6

62 12 07 27

12 09 27 d5

12 14 27 d6

72 12 17 27

12 19 27 d5

12 24 27 d8

82 12 27 27

12 29 27 d6

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13094 Jan 22. 1901

12 34 27 e0

92 12 37 27

12 39 27 d7

12 44 27 e2

102 12 47 27

12 49 27 d8

—off plate

112 12 57 27

off plate

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.171.

C 13094 Jan 22. 1901

off plate

122 13 07 27
13 08 27
124 t

off plate

Bond 394 = 0.s0 ±

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

S Cancri

C 13095 Jan 22. 1901

Clds. and clock interfere — Plate no good.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

C 13096 Jan 24. 1901

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C/1898 Jan 24. 1901

1	t
	15h 19m 27s
	15 29 27
	15 39 27
	15 49 27
	15 59 27
	16 04 27
12	t

Bond 394 = 0.s6 fast.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

200

Eros

C 13099 Jan 25, 1901

1	t
12	21 28
12	31 28
12	41 28
12	51 28
13	01 28
13	11 28
13	21 28

15 t

Bond 394 = 0.0 t

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13101 Jan 26. 1901

	t
1	
	11 13 28
	11 23 28
	11 33 28
	11 43 28
	11 53 28
	12 03 28
	12 08 28
14	t

Bond 394 = 0.s0 ±

C 13102 Jan 26. 1901

	t
1	
2	
3	13 28 28
4	13 38 28
5	
6	13 48 28
7	
8	13 58 28
9	
10	14 08 28
11	
12	14 18 28
13	14 23 28
14	t

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

202

Occultation

C 13103 Jan 27. 1901

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13104 Jan 29. 1901

1	t		
	11	59	31
	12	09	31
	12	19	31
	12	29	31
	12	39	31
	12	49	31
13	t		

~~t~~

Bond 394 = $0.^{s}1$ fast.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

S Cancri

C 13107 Feb 1 1901

Plate is useless.
Fogged.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

S. Cancri

C 13108 Feb. 1. 1901.

Fogged

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771:

206

S. Cancri

C 13109 Feb. 1. 1901

Fogged

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Occultation of

C 13111 Feb. 1. 1901

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

Eros

C 13114 Feb 2. 1901

Can not be marked. So badly out of focus that images overlap.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13116 Feb 3. 1901

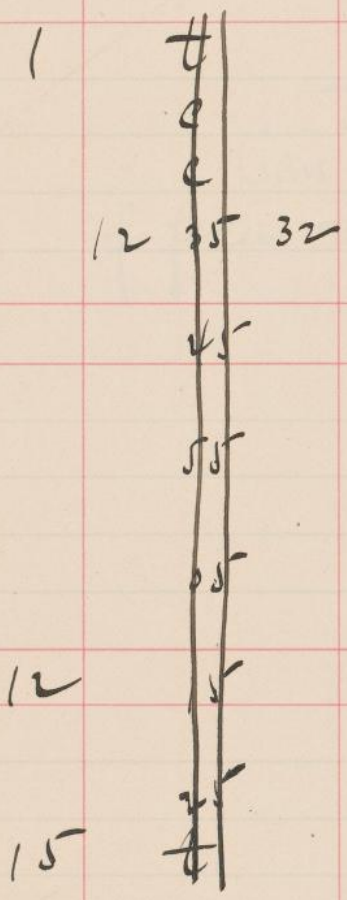
No images on plate.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

Eros

C 13117 Feb 6. 1901



Signals worked poorly.

Marking pretty uncertain

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C 13119 Feb. 7. 1901

1		+	
	11	37	29
	11	47	29
	11	57	29
	12	07	29
	12	17	29
12	12	27	29
	12	37	29
	12	42	29
16		+	

Bond 394 = "O.K."

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

Dis. Jup. Sat. I

C 13122 Feb 7. 1901

Apparatus worked very poorly and there is considerable uncertainty about the marking - The plate is also fogged and I don't think that Sat. I shows at all.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Eros

C/3/23 Feb. 8. 1901.

1		t	
	11	33	28
	11	43	28
	11	53	28
	12	03	28
	12	13	28
12	12	23	28
	12	33	28
15		t	

Bond 394 = 0.^{s}3 slow.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771

Occultation of i Virginis

C 13126 Feb. 8. 1901

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Occultation of i Virginis

C 13127 Feb 8. 1901,

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.174.

Eros

C 13128 Feb. 10, 1901

1 t

13 t

Starting and ending times do not check with in 10 minutes and the images show great variation due to apparatus working poorly or interference by shutter in clds.
There is no record of any irregularity.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Ers

C 13130 Feb. 11. 1901

1	t		
	c		
	12	56	29
	13	06	29
	13	16	29
c			
9	13	26	29
	13	36	29
12			
	13	46	29
14	t		

Bond 394 = 1.^{s}2 slow

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1774.

Nova Persei

C 13156 Feby 24. 1901

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1774.

Nova Persei

C 13174 Feb 26. 1901.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

Nova Persei

C 13179 Feb 27. 1901

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1900phae.proj.1771.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System