

KG
11366
v. 728

*Blogie
Rennier Francis*

Sever, Francis, & Co., University Booksellers, Cambridge.

17
30

7 2 2 1) 85 (8.6
13

24
90
144
92
6

1896
3
18 96
87 92

7 1 4 9
1 8 1 3
4 7 8 7
6 5 5 0

7715
41
1245
4107
6022
7616
4223
3350

1873, May 26

Russian Transit.

Circle West

Adjusted by
a D.

East. E	W
14.0	15.4
15.4	16.8
14.0	2.2
13.0	6.10
7.0	13.50
13.50	+2.60
	+0.30

Adjusted by a Draconis for
azimuth.

Add 14' to setting for C. W.
Circle west

{ 5 Ursa Minor. Tallies B. C. D.
{ reject 4 Tally C.

8 Bootes 14.3914 345-14 B.62

α₂ Librae 14.43 802 07 B.62

E	W
19.8	10.8
21.9	8.7

Th m
14 48

May 26 1933
 B. Mus. Min 14^h 51^m 32 18

E	W
219	89
261	115

(Regulus) Betelge 8. P. 15-53 60 22

~~B. Lib 15-10~~
 H. Bortle

6/15 1934 355 27

Regulus Maj (6) 11-26 29 54

E	W
19.7	11.3
22.2	8.4

a. Coronae B. 15-29 344 46

E	W
220	88
21.0	9.8

Reversed before
 a Serpens Circle now E
 a Serp. 15-37 324 27

B. Mus. Min 15-45 324 12

B. Scorpion B. 15-57 61 50

May 26

Q W

229 80

214	93
-----	----

50 Mr. B. 60 16 07 45-41

T Mercuris B 2345 16 15

H Procoris B 6 P. 16 22 340 39

Q W

217 93

238	94
-----	----

AD Procoris B 6 D 16 28

30 Mr. 6234 D 16 30

D W

289 71

222	90
-----	----

1873 May 27.

Level of Russian Transit at 12^h 35^m

E.	W.	C. W.
15.1	14.1	
13.0	16.5	
<hr/>		
	1.06	
	15.30	

12 Can. Ven. 12 49 ~~57~~ B. C. D.

3 Virginis 13 28 B. C. D.

N. W. May. 13 42 235-~~73~~ B. C. D.~~N. B. C. D. 13 48 336 40~~

E	W
13.0	15.1
15.9	14.7

N. B. C. D. 13 48 336 40

a D. W. B. C. D. 14 00

a. Proctis B. C. D. 14 9.

a. B. C. D. 14 20

E	W
15.3	15.0
13.7	14.9

1873, May

Everts 1459 Blo D

E W

133 171

140 163

a L. 14 43

BBD

E W

140 163

152 150

B Vis Min L. D. 1451

Renueel

Earl - Orion.

E W

142 162

150 154

3 W. 10245 D

May 28

Got the collection of
RT for work made in Red
H₂ = $-.15^3$ for C. G. V.

Block sent

First Minute block 13^h 55^m

Last: " " 14^h 00

Block received

First Minute block 13^h 52^m

Last " " 13^h 57^m

Rev Smith

Chronometer. 5876 feet on May 26
5920 " " " 27

To Smith

Smith Clock slow, May 26 22.29
27 22.17
28 21.95

May 29 1873 ^{CW}

K Dred 12 ^{14.1} ^{12.0} ^{13.3} 28 Bb, D, Ry C₂

32 Canopus, 12 48 B₃ 45 - C. D, ⁷¹

γ Puppis 13 28 Bb D

Wrs Wry 13 42 Bb D.

R Bootis 13 45 Bb D

Σ	CW	
14.0	11.9	- 3.2
12.8	13.2	

✓ Dred 14 00 2 34 5

✓ Bootis 14 09 Bb 20.

new Phil-

✓ CW

12.0	14.2	
14.3	11.9	- 0.5

May 29

Boyle 2/20

Revised
 as his kin 14 27 ^{Crown} Blop.

Σ Bores B2845 C. P.
 2 Lib. 14 43 B.B.

The stellafocus bud
 Adjusted new setting
 B (kin 1451 B.C.D.)

Σ	W	
139	131	
151	113	92

48 Ceph. SP 1503 B.C.D

Σ	W	
154	105	-140
1319	129	

u Boob 15-19 B b.

22 us hie 15-24 B. D.

Q

140

138

16.1

16.6

-1.42

a Bupt Bled.

159

107

138

132

-1.45

a Seup, Bb 19

2 Seup. Bled.

Reverend

5. C. now n

23 us hie Bled 1548

✓ Seuph 1552 Bb, 2450

B. Scorpion 11-5-7 B6.20

2	W
---	---

147	124
-----	-----

13'9	13'2	-75
------	------	-----

Gr. 2320 b

Norm. B6.0

T Merc B6.0

2	W
---	---

132

140

14'1

13.1

-52
-140
1'45
75
1
457
92
13
286
92
-05
119

A Scorp 1621 b

h & v

D2345

A Drives

C

May 29

From Pt. Dennis

Smith's 1st min bk 14^h 4^m
 last " " 14 15

6. Sent:

First min bk 13 52
 last " " 13 57

Winlock in charge of
 exchange street

Before Adjustment = -0.60° C.N.
 After " " = $+0.85^{\circ}$ C.N.

141	12.0
127	12.2
68	5.3
134	12.6
	13.4

→ 0.8
- 0.4

0.4

140	11.9
12.8	12.2
68	5.1
134	12.6
2.6	
8	

- 0.4

- 4
- 4
- 1
- 0.3 * 13 = 0.4

12.0	14.2
14.3	11.9
6.3	6.1
13.1	13.0

- 0.1

0.1

- 0.11

- 0.4

13.9	13.1
15.1	11.3
14.0	12.20

- 0.1

- 1.10

15.4	10.8
------	------

13.9	12.9
------	------

- 1.20

14.5	11.55
------	-------

14.0	13.8
------	------

16.1	10.6
------	------

15.9	10.7
------	------

13.8	13.2
------	------

- 1.35

13.2	14.0
14.1	13.1

0.00

Muse = -1.0 = -1.3

My B O

Let the collection
 a new. It is now
 Oct-20 for C. W.

May 8 10 W

K Durov 645 = D 1228
 32 Camel foll. Blo D. 1248
 @ 5 = 3^s too late.

E W

122 198 +452
 10'18 21'13

Kuskey Blo D. 1342

L Durov 1420 N Boveris

P. Boveris 1418 Blo D.

P. Boveris 1420 Blo D.
 5 Kuskey Blo D. 1427

103 220
 12'6 20'1 +530

E Boveris Blo D. 1439

Arhib. Blo D. 1443

E W

125 203
 112 21'6 +452

Revised U.C. 2.
B. 15 mi B. 15 - 1457

2

U

123

203

+475

109

220

4869 mi S. D. B. 15 - 1457

2

U

120

213

b=

136

19.5 + 3.80

133

19.6

120

21.2 + 3.87

U, B. 15 mi B. 15 - 1457

2

U

120

213

139

19.2 + 3.70

258

405

a Cor. 1529 B. 15 - 1457

Σ

Σ

137

193

11'8

21'2

+375

Σ Sept. 15-37 Blo D

Σ Sept. 11-44 Blo D

Σ Nov. 11-48

Σ Sept. 15-52

Σ

Σ

123

208

134

195

B, Scous. Blo D 15 57

134

194

13'2

198

3.15

Nov. Blo D

Nov. ~~Blo D~~ (234) - D

May 31 1873

Clock sent:

First-Min. bk 13^h 54^m

Last- " " 13 59

Clock received for P.T.O.

First-M. Bk 13 52

Last- " " 13 50^s

Stunt's Chron. sent 159.93 ^{28th} ~~29~~
 60.51 (when?)
 29^m

Notice the change of level
 about the time of 28th.

71.2

Jan 1 H 3 3 @ 2u

Adjusted @ a

K. over 645 - D 12 28

32 Camel for B. B. D. 12 48

2	2u
122	147
12,3	14,6 + 1.25

125

13,6

149

13,8 ot. 65

13

28

8 Hignis

13

28

13.0

130

14.7

14.7

+ 0.85

n us. May

B. B. D.

13

42

128

132

15.0

14.4 + 0.85

2 Booris B6D 13 4 f

2 W
13.0 15.0
13.6 14.7 .75

5 gles in 13 27 C.D

2 Booris B6P 14 38

2 Remmit C

2 Letum B6P 14 43

2 W
13.5 15.0
13.0 15.6 1.02

B no in C.P. 14 51

48 bdrin 8P. 15 03 B6P.

2 W
13.2 15.3
14.1 14.7 +.67

u, Boots 14 B9 B6,

Physcia 14 w 60.

Σ M

144 147 + 30

141

147

Cor. 147 B6D,

130 151 + 125

2 Sept 130 151 B6D

3 Physcia B6D

2 Cor. 130 151 B6D

2 Sculp. B6D

B, Sculp.

130 150

140 158 + 70

June 1 1877

Exchange sheet-

First. Min bk = 13^h 50^m

Last - " 13 55

Clock rec'd

First-

13 46

Last-

13 51

Repeated

First-

13 57

Last-

14 03

Smith's Chain feet:

May 26 = 54.77

27 55.22

28 59.93

29 60.57

31 61.00

1 61.04

Diff. Long 14^m 15.62

2 Draco B. 14 cr
Remund CR

2 Draco D.
2 Boots Bles
2 Boots Bles

141 143 + 32
15.9 15.0

5 Vir Min Bles
2 Boots Bles 439

2 Lib. Bles, 443

3 Vir. Min Bles

Remund. Crux W
B. Vir. 23459

158
15.1

157
15.9 + 0.2

154
14.6

153
15.3 + 35

S, 48 Galv. Bld, 1503

143
160

166
1512 + 38

u. Brats lo 15-19

2. ushi lo 15-20

2 Cor, Bld 15-28

144 169
166 148 + 16

2 Scip Bld 1507

2 Scip. Bld 1544

2 ushi Bld

Revised C E ;

2 ushi P2345-

2 Scip Bld 1512

2 Scip Bld 1559

2 22
 143 16.8 44
 158 15.2

En. 23 20 Blo 16 5
 50 M. Blo 2 167

158 153
 15.4 15.8 + 0.1

T Here, Blo
 x Sub. Blo. 15 20
 N D use Cep 15 21

Jan 2

Clock sent -

First-Min bk 13

Last - " " 14

256^m

~~Reperated~~

~~Perit.~~

Chron. rec'd

First-Min bk

14^h 8^m

Last - " "

14 13

32
39
0.2
35
38
28
48
01
201
0.25
6-404

84 309 B8
 16
 63

38 135 635 144
 114
 210 2.4
 490
 8
 164
 27

99
 16 554
 4188 (37)
 72
 160

3 500 190 592
 48 236 111
 393 28 117
 5

46 17 751 172 14 1
 123 29 23 38 392
 300 98

140
 123 328 1258 226 12
 186

37 99 1328 74 1
 2484 156
 15 18
 168
 28

8

42
 50
 123
 246
 103
 3
 54
 18
 7.8
 28
 26
 32
 111
 175
 56
 175
 116
 42
 64
 22
 64
 305
 57
 153
 16
 214
 3
 224
 34
 68
 31
 209
 59
 5
 8
 102
 160
 50
 55
 32
 107
 21
 22
 201
 19
 900
 19
 611
 19
 198

813 2 4
 80 176 31 364 4
 6 44
 38 27 1
 108 147 158 155 26 54 11
 15 20 15 87 219 36
 201 (LC) 118 (8) 420 43
 11 158 117 112 122 161 2
 18 14 200 33
 87 27 114
 191 17 124 80

On direct latitude stations for 1872

W.R.	225	01-1.00	225-
J. Fien	170	.52	85-
R. Santin	240	.52	120

430

45
22.35
49 735
35
532.35

On the two stations for 1871

W.R. 15

J. F. 30

R.S. 30

150

150

150

On Longitudinal Reducts

.35-

See page 1001.

Paper

425-

2 Glass scales

14.

telegui

2.75-

Amper's charges

11.35-

22.35

	L	m			
K Draco.	12	27	28	10	
32 Camel.	12	48	41	44	
12 Can. Ven.	12	50	356	38	
V Virginis.	13	18	307	8	
3 "	13	28	317	41	
H Urs. Maj.	13	42	7	35	
H Bootis.	13	48	336	40	
a Draco.	14	00	22	37	33723
a Bootis.	14	9	337	29	22.31
θ Bootis.	14	20	10	04	34956
5 Urs. Min.	14	27	33	53	32.607
ε Bootis.	14	39	345	14	14 46
α ² Librae.	14	43	302	07	57 53
β Urs. Min.	14	51	32	18	327 42
β ¹ Bootis.	14	57	358	31	1 29
48 Bo. sp.	15	03	60	22	299 38
β Librae.	15	10	308	43	51 17

u' Bootis.	15	19	355 ⁸ 27	4 ⁸ 33
γ Urs. Min.	15	20	29 54	230 06
α Cor. Bor.	15	29	345 ⁴ 46	15 14
ε Serpenti.	15	37	324 27	35 33
ε Serpenti.	15	44	322 29	37 31
3 Urs. Min.	15	48	35 48	324 12
ε Cor. Bor.	15	52	344 52	15 08
δ Scorpion	15	52	295 22	64 38
β' Scorpion	15	57	298 10	61 50
γ 2320.	16	5	25 46	334 14
δ Ophiuchi.	16	7	314 16	45 44 ²⁵ 39
τ Herculis	16	15	4 14	355 ² 46
α Scorpion	16	21	291 29	68 31
η Draco.	16	22	19 25	340 35

A Draco 16 28	^c 26	^W 40	^{CE} 333 20
g Opn 16 29	52		5241

45 44

Time

Alma Sanders	30	hours.
J. F. McCormick	24	
Miss Fitch	100	
T. T. Rogers	47	
Eve Tomlinson	10	
Rhoda Sanders	190	
R. T. Rogers	220	
	<hr/> 621	

On 6 Latitude Stations

Rhoda Sanders	190	\$ 85-
R.T.R.	220	120
W.R.		225-

\$420

35-

On Longitude work

on the stations for 1871 as far as

W.R.	18 ^h	16-
R.T.R.	30	15-
R.S.	30	15-

45-

May 17 4
 21 8
 22 1
 23 7
 25 3
 26 1
 26 4

June 3 2
 8 10
 13 6
 14 3
 15 7
 16 3
 17 2
 55 4

June 25-30 32

July 2-4 10
 4 2
 6 9
 7 1
 109
 17 1/2

8 1/2
 56
 191
 7
 198
 2
 8
 208
 4

Paper \$4.25
 Scales 14.00
 Repairs 1.35
 Illegible 2.75
 Postage on scales 0.39

P.d.
 A. Sanders 30 10.00
 R. Kim " 10.00
 Filton " 10.00
 McCormick 25 5.00
 Truck 22 8.0
 Sn 10 1/2 8.0
 Rel. 220 60.0
 Filton 100
 Truck 25
 432

16 X 205 X 301-3ⁱⁿ
21

16 wide
21 high
301-3ⁱⁿ long!

