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## **Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55**

Extracted on Jan-24-2023 10:35:04

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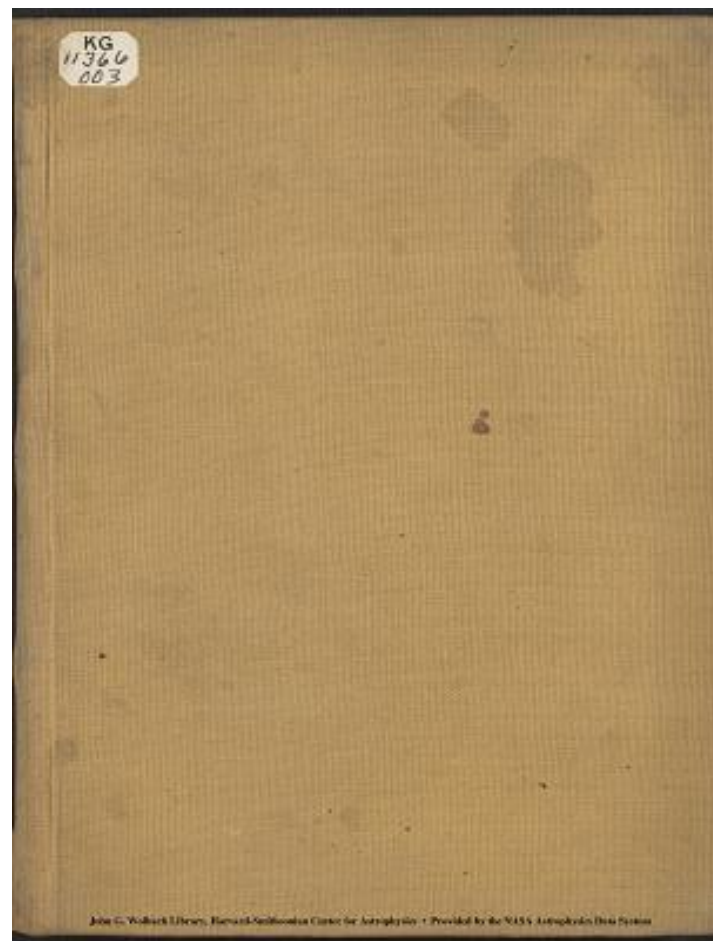
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[[front cover]]

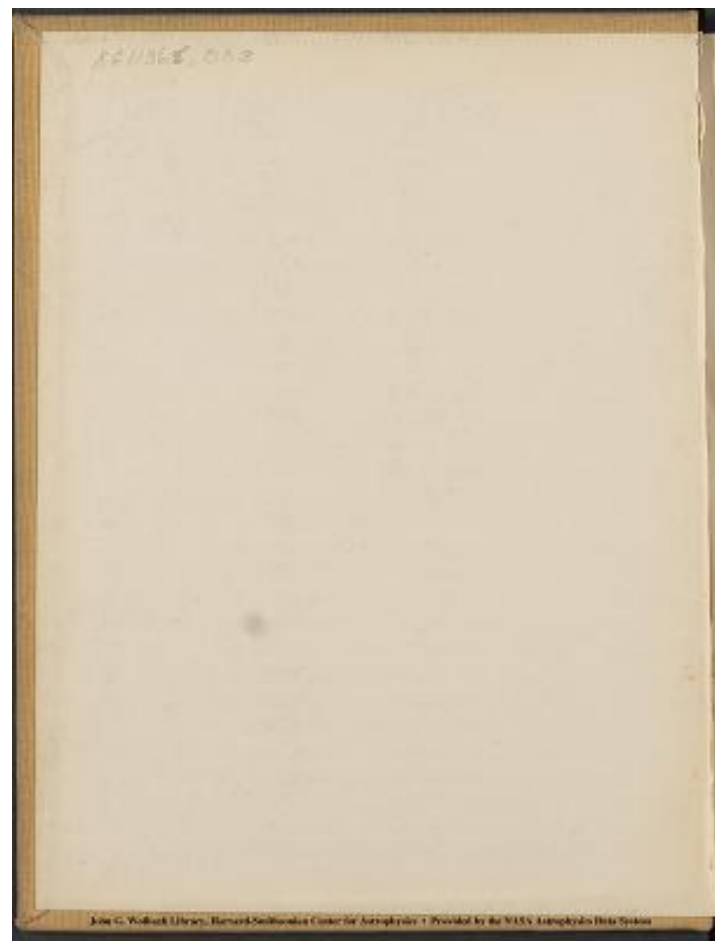
KG  
11366  
003

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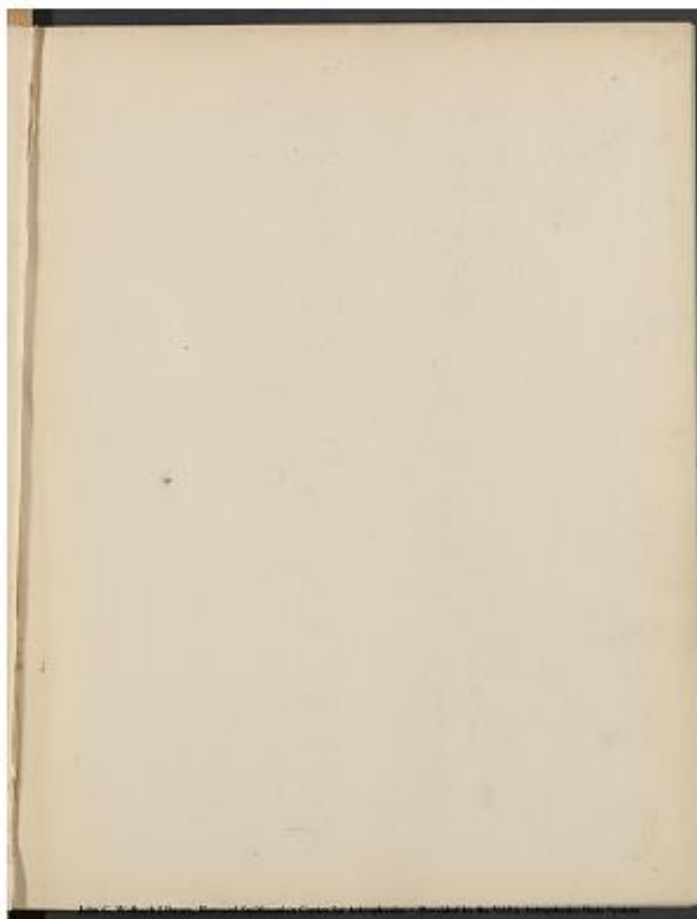
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KG11366,003



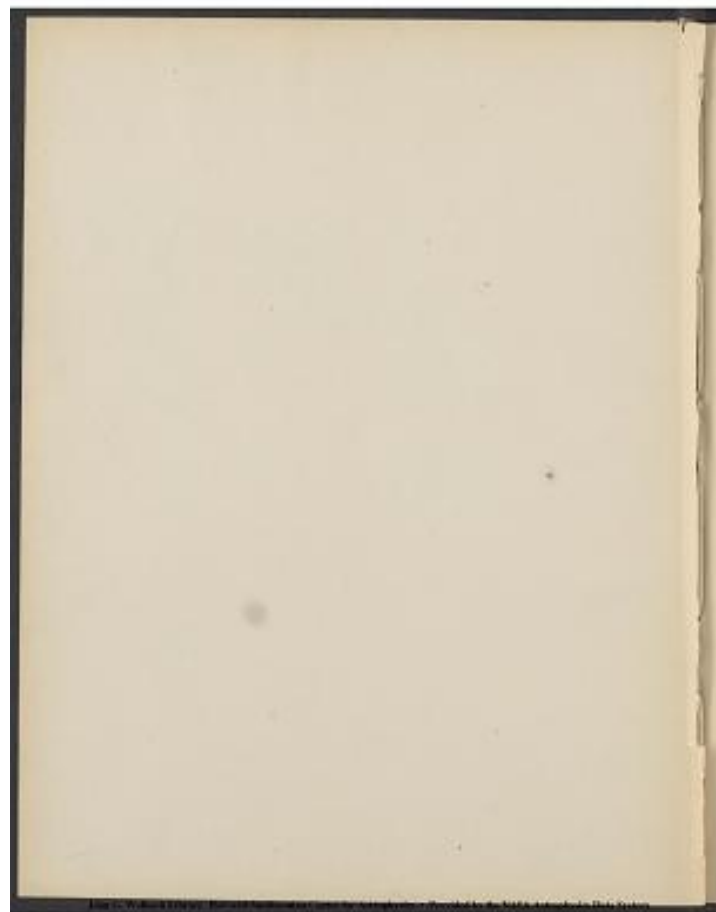
Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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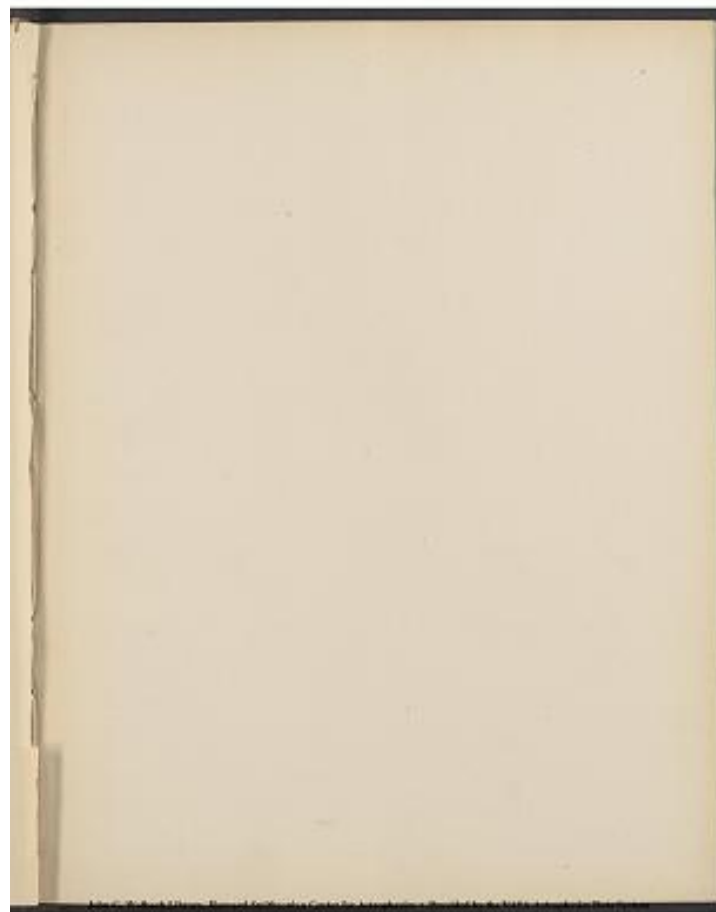
Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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[[No input]]



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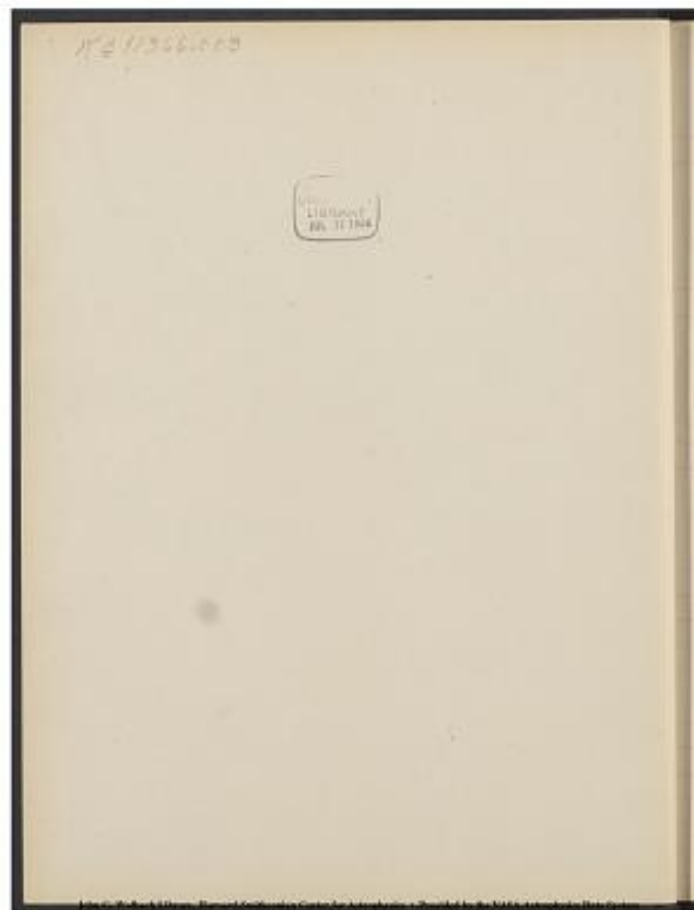
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KG11366.003

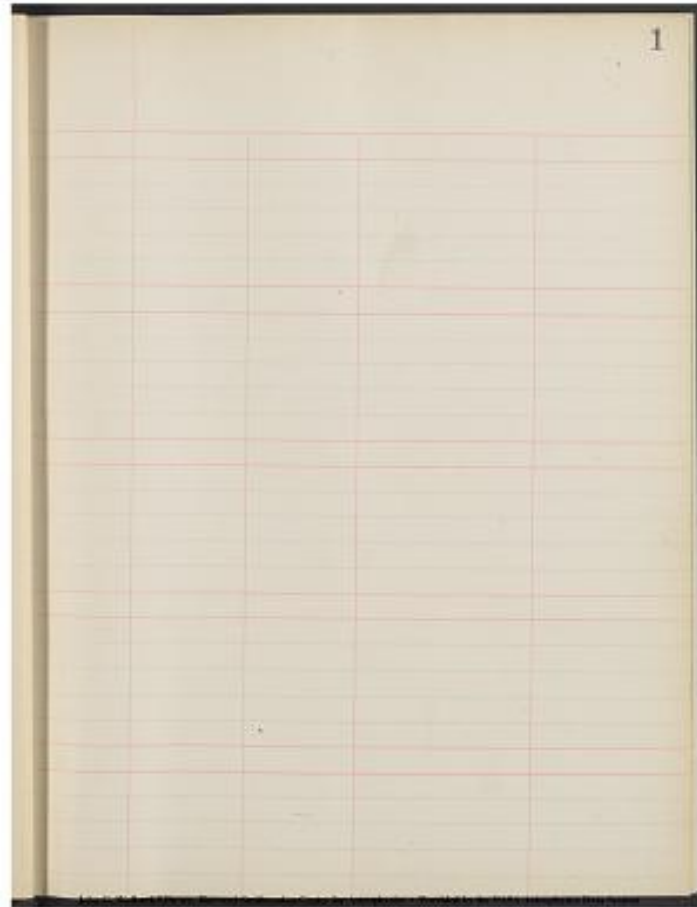
[[stamp]]  
HARVARD  
UNIVERSITY  
LIBRARY  
JUL 17 1956  
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1

[[no input]]

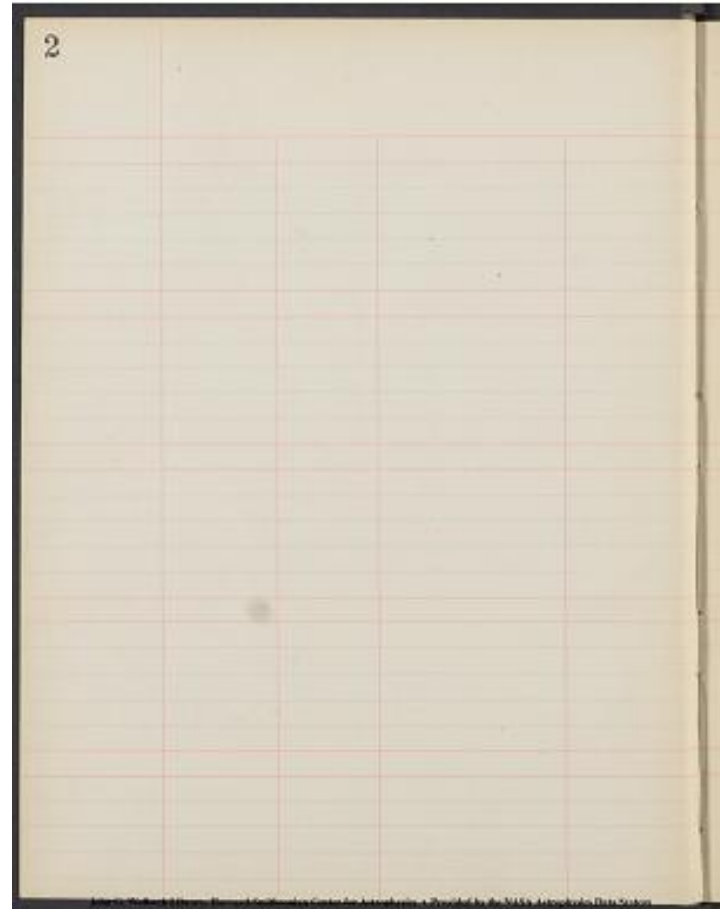


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2

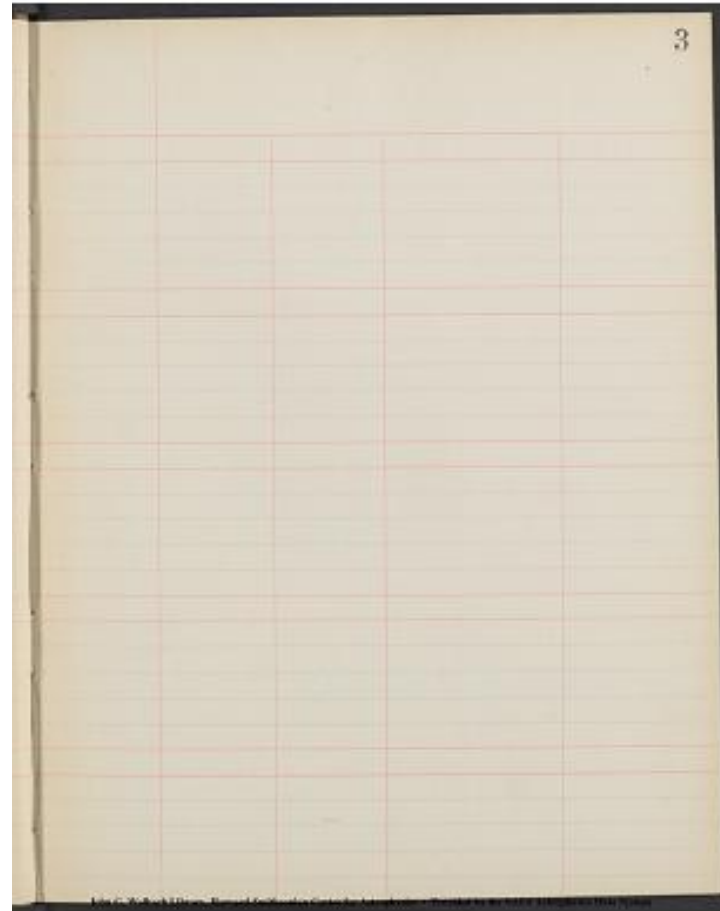
[[no input]]



Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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3

[[no input]]



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4

w

Copied for S.I.B.

M15

No59

11:15 Measures of New Var (IEW) [[ star plot ^[[[[glass up

Seq 2 [[Dec 29, 1917]]

[[3 Columned Table]]

MW2593|MW2596|MW2614|

16.0|16.0|15.6|

MW2612|MW3432|MW2600|

15.5 15.3|15.95|16.0|

MW3396|MW2607|MW3446|

16.0|16.0|15.9|

MW2587|MW2598|MW2620|

15.9|16.0|15.8|

MW3441|MW2619|MW2595|

16.1|15.9|15.95|

MW2632|MW2602|MW2610|

15.9|15.9|15.95|

MW3439|MW3394|MW2623|

16.1? [[?]]|15.85?|16.0|

MW2629|MW3434|MW3437|

15.9|16.0|15.95|

MW3444|MW2608|MW2604|

15.9|15.9|16.15|

MW2609|MW2613|MW2621|

15.9|15.5|15.8|

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Star ID	Measure 1	Measure 2	Measure 3
MW2593	16.0	16.0	15.6
MW2596	16.0	16.0	15.6
MW2614	16.0	16.0	15.6
MW2612	15.5	15.3	15.95
MW3432	16.0	16.0	15.9
MW2600	16.0	16.0	15.9
MW3396	16.0	16.0	15.9
MW2607	16.0	16.0	15.9
MW3446	16.0	16.0	15.9
MW2587	15.9	16.0	15.8
MW2598	15.9	16.0	15.8
MW2620	15.9	16.0	15.8
MW3441	16.1	15.9	15.95
MW2619	16.1	15.9	15.95
MW2595	16.1	15.9	15.95
MW2632	15.9	15.9	15.95
MW2602	15.9	15.9	15.95
MW2610	15.9	15.9	15.95
MW3439	16.1?	15.85?	16.0
MW2629	15.9	16.0	15.95
MW3434	15.9	16.0	15.95
MW3437	15.9	16.0	15.95
MW3444	15.9	15.9	16.15
MW2608	15.9	15.9	16.15
MW2604	15.9	15.9	16.15
MW2609	15.9	15.5	15.8
MW2613	15.9	15.5	15.8
MW2621	15.9	15.5	15.8

Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55

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5

. w

M15

Measures of New Var. (IEW) Cont

Dec 29, 1917

[[ 3 column table]]

---|---|---

|MW 2626|MW2585|MW2624|

| 16.0 | 15.55 | 15.9 |

|MW3395|MW2628| |

| tp | 16.0 | |

|MW2582|MW2597| |

| 15.6 | 16.0 | |

|MW2616|MW3428| |

| 15.7 | 15.8 | |

|MW2618|MW3447| |

| 15.8 | 15.9 | |

|MW3429|MW3401| |

| 15.9 | tp | |

|MW2606|MW2584| |

| 16.1 | 15.8 | |

|MW2592|MW2588| |

| 16.1 | 15.6 | |

|MW2631|MW2580| Cannot meas on X & H Plates. |

| 16.0 | 15.6 | |

|MW2590| | |

| 15.9? | | |

12:45

5

Measures of New Var. (IEW) cont

MW2626	MW2585	MW2624
16.0	15.55	15.9
MW3395	MW2628	
tp	16.0	
MW2582	MW2597	
15.6	16.0	
MW2616	MW3428	
15.7	15.8	
MW2618	MW3447	
15.8	15.9	
MW3429	MW3401	
15.9	tp	
MW2606	MW2584	
16.1	15.8	
MW2592	MW2588	
16.1	15.6	
MW2631	MW2580	Cannot meas on X & H Plates.
16.0	15.6	
MW2590		
15.9?		

12:45

Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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 Extracted Jan-24-2023 10:35:04

6

M15

Measure of New Var°. (I.E.W) Film up [[ starplot]]  
 10:45 [[underlined]] Dec 31, 1917 [[/underlined]]

[[3 Columned Table]]

MW3428	MW2624	MW2616
15.9	16.5	16.1
MW2629	MW3439	MW3432
16.3	16.1	16.2
MW3444	MW2596	MW2595
16.1	16.3	16.3
MW2620	MW3437	MW2580
16.1	16.1	16.1
MW3441	MW2614	MW2598
16.3	16.1	
MW2590	MW2587	MW3434
16.1	16.2	16.1
MW3446	MW2612	MW2602
16.1	16.1	16.3
MW2628	MW3395	MW2623
16.3	tp	16.1
MW2631	MW2610	MW3447
16.3	16.1	tp
MW2606	MW2582	MW3396
16.3	16.3	16.1

Do not think this star varies. will not continue measures.

11.45

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7  
w  
M15

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Measures of New Var No 58 I.E.W.

glass up  
[[starplot]] W ~~[[strickethrough]]~~\*wr. star meas. Sup. 9 ~~[[/strickethrough]]~~  
Seq ~~[[strickethrough]]~~ 3 ~~[[/strickethrough]]~~ Dec 31, 1917  
12:15

[[Three Columned Table]]  
MW2621|MW2616|MW2624 |  
15.8 16.0|16.0|16.3|  
MW3396|MW2582|MW2606|  
16.3|15.8|15.5|  
MW3447|MW2610|MW2631|  
16.0|16.5 16.3|16.5|  
MW2623|MW3395|MW2628|  
16.0|tp|16.3|  
MW2602|MW2612|MW3446|  
15.8|16.0|15.9|  
MW3434|MW2587|MW2590|  
16.3|16.3|16.4?|  
MW2598|MW2614|MW3441|  
16.3|16.1|16.0|  
MW2580|MW3437|MW2620|  
15.8|16.3|16.0|  
MW2595|MW2596|MW3444|  
16.4|16.3|16.1|  
MW3432|MW3439|MW2629|  
16.0 16.4|16.2?|16.2 1:00|

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Handwritten astronomical observation notebook page titled "Measures of New Var No 58 I.E.W." with a table of measurements. The page is numbered 7 in the top right corner. The table has three columns and multiple rows, with handwritten entries in pencil. The entries are organized into three main sections, each with a heading: "MW 2621", "MW 2616", and "MW 2624". The first section contains 10 rows of data, the second section contains 10 rows, and the third section contains 10 rows. The data includes numerical values and some text annotations.

MW 2621	MW 2616	MW 2624
15.8	16.0	16.3
16.3	15.8	15.5
16.0	16.5	16.3
16.0	16.3	16.5
16.0	16.3	16.5
16.0	16.3	16.5
16.0	16.3	16.5
16.0	16.3	16.5
16.0	16.3	16.5
16.0	16.3	16.5

Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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8

w M15

Measure of New Var Cont I.E.W.

10:45 Jan 2, 1918

[[4 column table]]


MW3428	MW <sup>2.10</sup> 2607-Jan 3, 1918	X8912	
16.3   16.55	15.8?		
MW2592	MW3394	X7985	
16.2   <del>15.9</del>	<del>16.2</del>	15.6	
MW2604	MW2600	X12162	
15.6   16.0	16.1   tp		
MW2626	MW2618	X8664	
16.3   16.2	16.0   tp		
MW2632	MW2588	X8014	
16.3   16.3	tp		
MW2585	MW2597	X16893	
16.0   16.3	tp		
MW3429	MW2619	X7767	
16.3   16.2	tp		
MW2613	MW2593	X8780	
16.3   16.5	15.8		
MW2608	MW2584	X10897	
16.3   16.0	tp		
MW3401	X7986	X8869	X8920
tp   16.0	tp   15.8		

10:55

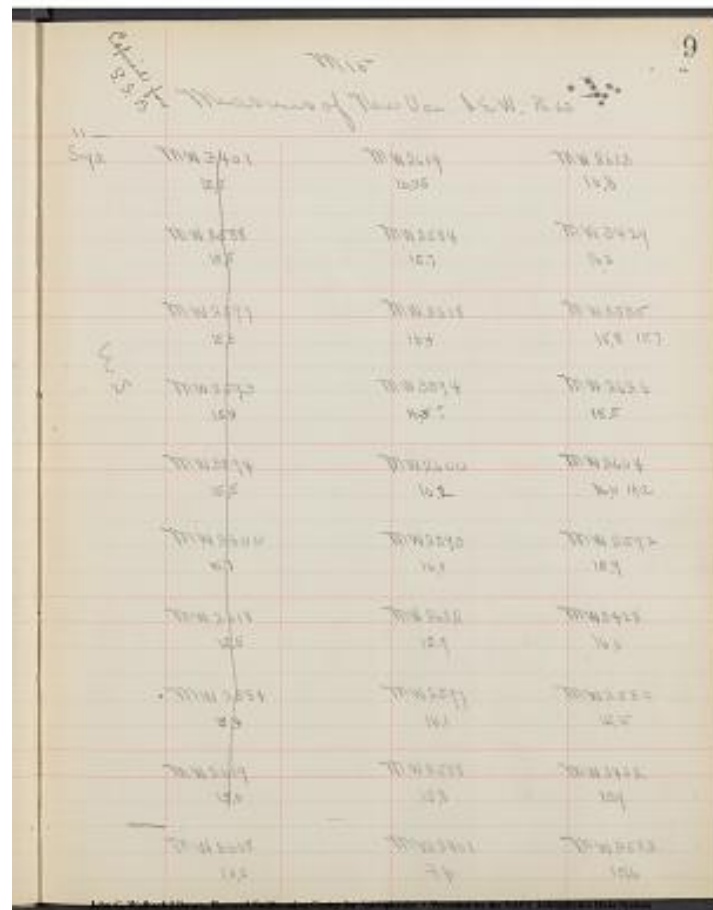
Difficult - H plates not meas. 2 40

Measure of New Var Cont I.E.W.			
MW3428	MW <sup>2.10</sup> 2607-Jan 3, 1918	X8912	
16.3   16.55	15.8?		
MW2592	MW3394	X7985	
16.2   <del>15.9</del>	<del>16.2</del>	15.6	
MW2604	MW2600	X12162	
15.6   16.0	16.1   tp		
MW2626	MW2618	X8664	
16.3   16.2	16.0   tp		
MW2632	MW2588	X8014	
16.3   16.3	tp		
MW2585	MW2597	X16893	
16.0   16.3	tp		
MW3429	MW2619	X7767	
16.3   16.2	tp		
MW2613	MW2593	X8780	
16.3   16.5	15.8		
MW2608	MW2584	X10897	
16.3   16.0	tp		
MW3401	X7986	X8869	X8920
tp   16.0	tp   15.8		

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9  
w  
M15  
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Measures of New Var. I.E.W No.63   
11-  
Seq 2  
[3 column table]  
[[~~strickethrough~~]]MW3401[[~~strickethrough~~]]MW2619|MW2613|  
[[~~strickethrough~~]]15.5[[~~strickethrough~~]]16.35|16.3|  
[[~~strickethrough~~]]MW2588[[~~strickethrough~~]]MW2584|MW3429|  
[[~~strickethrough~~]]15.5[[~~strickethrough~~]]15.7|16.2|  
[[~~strickethrough~~]]MW2597[[~~strickethrough~~]]MW2618|MW2585|  
[[~~strickethrough~~]]15.3[[~~strickethrough~~]]16.4|15.8 15.7|  
w.s[[~~strickethrough~~]]MW2593[[~~strickethrough~~]]MW3394|MW2626|  
[[~~strickethrough~~]]15.4[[~~strickethrough~~]]16.3?[[~~strickethrough~~]]5[[~~strickethrough~~]]15.5|  
[[~~strickethrough~~]]MW3394[[~~strickethrough~~]]MW2600|MW2604|  
[[~~strickethrough~~]]15.5[[~~strickethrough~~]]16.2|16.0 16.2|  
[[~~strickethrough~~]]MW2600[[~~strickethrough~~]]MW2593|MW2592|  
[[~~strickethrough~~]]15.7[[~~strickethrough~~]]16.0|15.9|  
[[~~strickethrough~~]]MW2618[[~~strickethrough~~]]MW2632|MW3428|  
[[~~strickethrough~~]]15.5[[~~strickethrough~~]]15.9|16.0|  
[[~~strickethrough~~]]MW2584[[~~strickethrough~~]]MW2597|MW2580|  
[[~~strickethrough~~]]15.4[[~~strickethrough~~]]16.1|15.5|  
[[~~strickethrough~~]]MW2619[[~~strickethrough~~]]MW2588|MW3532|  
[[~~strickethrough~~]]15.6[[~~strickethrough~~]]15.8|15.9|  
MW2608|MW3401|MW2582|  
16.2|tp|15.6|

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Var.	MW3401	MW2619	MW2613
15.5	16.35	16.3	
MW2588	MW2584	MW3429	
15.5	15.7	16.2	
MW2597	MW2618	MW2585	
15.3	16.4	15.8 15.7	
w.s MW2593	MW3394	MW2626	
15.4	16.3?	5	15.5
MW3394	MW2600	MW2604	
15.5	16.2	16.0 16.2	
MW2600	MW2593	MW2592	
15.7	16.0	15.9	
MW2618	MW2632	MW3428	
15.5	15.9	16.0	
MW2584	MW2597	MW2580	
15.4	16.1	15.5	
MW2619	MW2588	MW3532	
15.6	15.8	15.9	
MW2608	MW3401	MW2582	
16.2	tp	15.6	

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10  
w  
M15  
Measures of New Var (I.E.W) cont.  
Jan. 2, 1918

[[3 column table]]  
---|---|---

MW2587|MW2614|MW3441|  
15.55|16.0 16.3|16.2|  
MW2612|MW2631|MW2623|  
16.15|15.8 15.4?|15.6|  
MW3437|MW2606|MW2595|  
16. ~~[[/strickethrough]]~~0~~[[/strickethrough]]~~2|16.3|16.0 16.2|  
MW2607|MW2596|MW2616|  
16.5|16.0 16.2|16.3|  
MW2629|MW3439|MW2602|  
15.6|16.1|16.2|  
MW344|MW2624|MW3434|  
16.3 16.1|15.6|w. s~~[[/strickethrough]]~~15.9 ~~[[/strickethrough]]~~ 16.3|  
MW2590|MW2621|MW3395|  
15.9|15.9|tp|  
MW3446|MW3396| |  
16. ~~[[/strickethrough]]~~1 ~~[[/strickethrough]]~~3|15.8| |  
MW2628|MW2598| |  
15.6|15.9| |

Too close to other stars to measure on X & H Plates.  
12:10

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Measures of New Var (I.E.W) cont. Jan. 2, 1918		
MW2587 15.55	MW2614 16.0 16.3	MW3441 16.2
MW2612 16.15	MW2631 15.8 15.4?	MW2623 15.6
MW3437 16. <del>[[/strickethrough]]</del> 0 <del>[[/strickethrough]]</del> 2	MW2606 16.3	MW2595 16.0 16.2
MW2607 16.5	MW2596 16.0 16.2	MW2616 16.3
MW2629 15.6	MW3439 16.1	MW2602 16.2
MW344 16.3 16.1	MW2624 15.6	MW3434 15.9 <del>[[/strickethrough]]</del> 16.3
MW2590 15.9	MW2621 15.9	MW3395 tp
MW3446 16. <del>[[/strickethrough]]</del> 1 <del>[[/strickethrough]]</del> 3	MW3396 15.8	
MW2628 15.6	MW2598 15.9	

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11  
 No.61  
 M15  
 Film up  
 Copied for S.I.B.  
 Measures of New Var I.E.W.  $\star$  [Hv61 W]]  
 Seq 1  
 11:30 Jan 2, 1918

[3 column table]  
 ---|---|---  
 MW2610|MW2598|MW3441|  
 16.0 15.9|15.3|16.1|  
 MW3395|MW2621|MW2620|  
 tp|15.~~5~~|5~~5~~|8|15.85|  
 MW3434|MW3439|MW3444|  
 15.5|15.9|16.1|  
 MW2602|MW2596|MW2629|  
 15.8|15.5|15.6|  
 MW2616|MW3396|MW2607|  
 15.8 16.1|16.0 16.4|16.1|  
 MW2595|MW2606|MW3474|  
 15.5|16.0?|15.8 16.2|  
 MW3394|MW2631|MW2614|  
 tp|14.0|16.0|  
 Remeas. Apr 12. 15.6 First meas. undoubtedly wrong. | |  
 MW2623|MW2628|MW2612|  
 15.5|15.3|15.9|  
 MW3447|MW3446|MW2587|  
 16.0|16.0|15.5|  
 MW2624|MW2590|MW2552|  
 15.5|15.3|15.8|

2-10

Handwritten manuscript page 11 from Project PHaEDRA. The page contains a 3-column table of measurements for M15 #55. The table is written in cursive and includes various numerical values and some annotations. The page is numbered 11 in the top right corner.

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12

w

M15

Measures of New Var cont

1:30 Jan 3, 1918

[[2 Column Table]]

---|---

MW 3432 | MW 2597 |

W.S. ~~15.8~~ | 16.3 | 15.4 |

MW 2584 | MW 2604 |

15.6 | 15.95 |

MW 26 ~~24~~ | ~~08~~ | MW 2626 |

15.8 | 15.5 |

MW 2593 | MW 3428 |

15.5 | 15.5 |

MW 2632 | MW 2592 |

15.8 | 15.5 |

MW 2588 | MW 2619 |

15.5 | 16.0 | 16.4 |

MW 3401 | MW 2580 |

tp | 16.15 |

MW 2613 | MW 2618 |

tp | 16.1 |

MW 3429 | MW 2600 |

W.S. ~~15.6~~ | ~~16.2~~ | 15.8 |

MW 2585 | |

15.6 | |

Too near br. object to sep. on X & H plates

Difficult. too near br. object.

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12

Measures of New Var cont

1:30

MW 3432	MW 2597	
15.8	16.3	15.4
MW 2584	MW 2604	
15.6	15.95	
MW 26 <del>24</del>	<del>08</del>	MW 2626
15.8	15.5	
MW 2593	MW 3428	
15.5	15.5	
MW 2632	MW 2592	
15.8	15.5	
MW 2588	MW 2619	
15.5	16.0	16.4
MW 3401	MW 2580	
tp	16.15	
MW 2613	MW 2618	
tp	16.1	
MW 3429	MW 2600	
W.S. <del>15.6</del>	<del>16.2</del>	15.8
MW 2585		
15.6		

Too near br. object to sep. on X & H plates  
Difficult. too near br. object.

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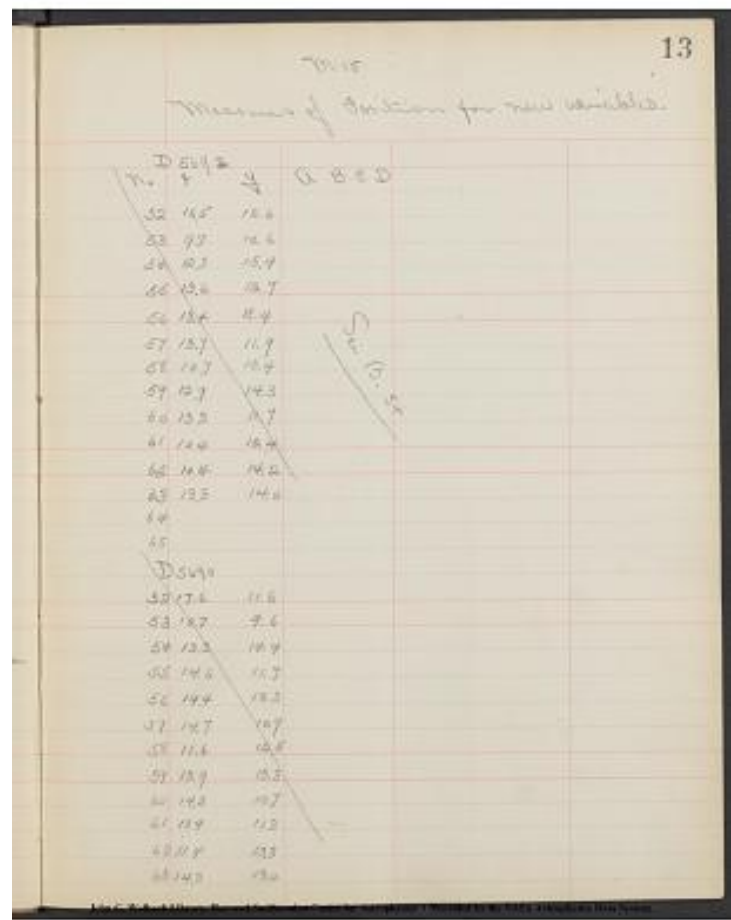
13  
M15  
Measures of Position for New Variables.  
D5692 See B. 54

~~7 column table~~  
No.	x	y	A	B	C	D

52	16.5	12.6				
53	9.7	10.6				
54	12.3	15.4				
55	13.6	12.4				
56	13.4	13.4				
57	13.7	11.9				
58	10.7	13.4				
59	12.9	14.3				
60	13.3	11.7				
61	10.4	12.4				
62	10.4	14.2				
63	13.3	14.0				
64						
65						

~~D5690~~

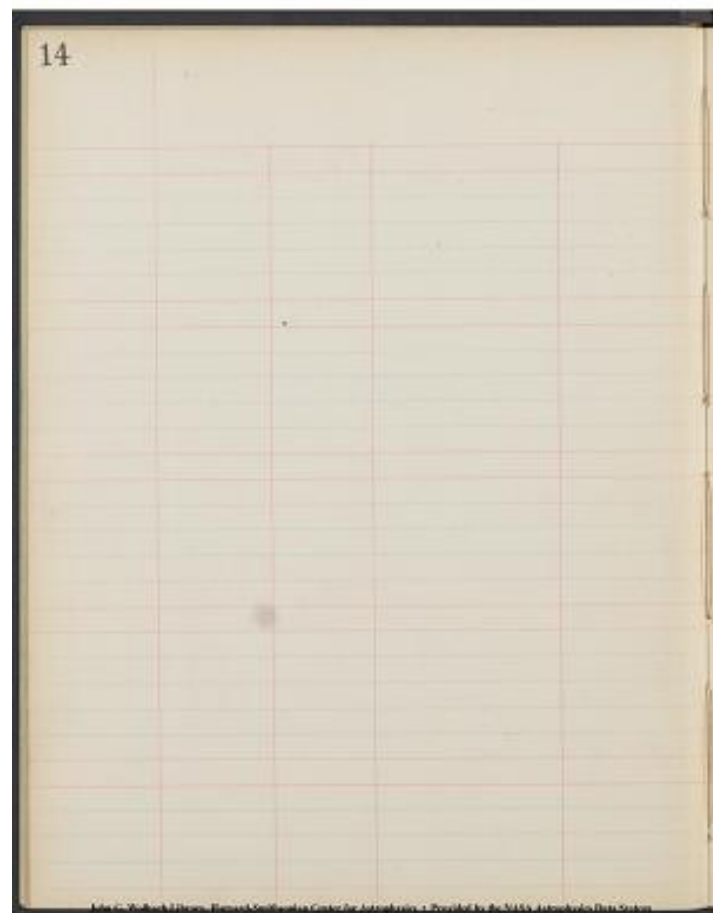
52	17.6	11.6				
53	10.7	9.6				
54	13.3	14.4				
55	14.6	11.7				
56	14.4	12.3				
57	14.7	10.9				
58	11.6	12.5				
59	13.9	13.3				
60	14.3	10.7				
61	17.4	11.3				
62	11.4	13.3				
63	14.3	13.0				



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14

[[No input]]



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16

B Series 480

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Sc V Jan 11, 1918

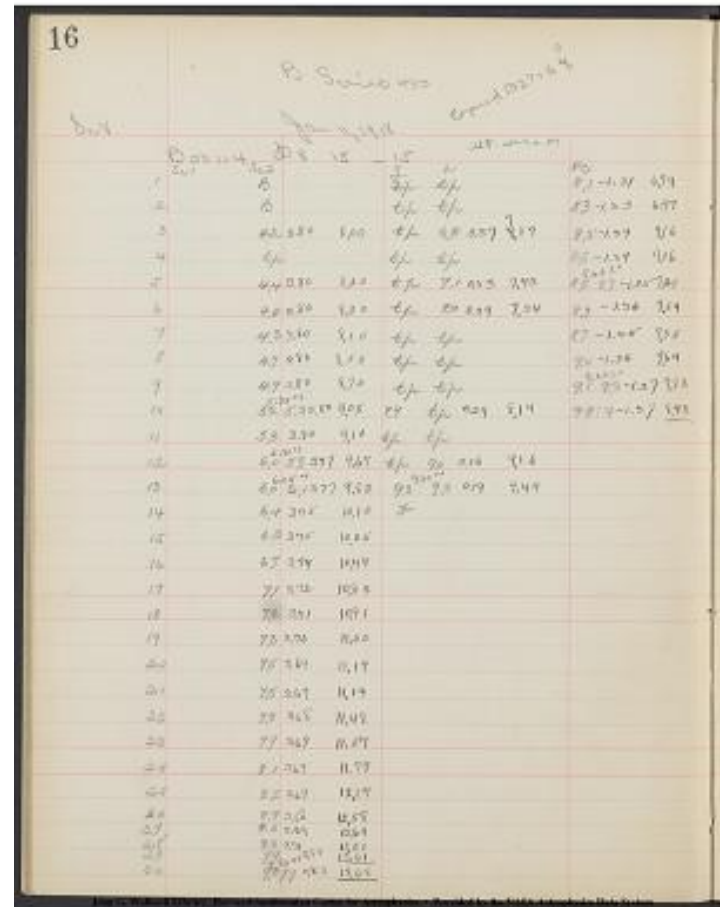
B50114 D8 15 alt. corr. +0.7

[[11 column table]]

Sc1	Sc2	g h	pc
-----	-----	-----	----

1	B	tp  tp		8.1-1.31 6.79
2	B	tp  tp		8.3-1.33 6.97
3	4.2 3.80 8.00	tp 6.8 0.37	<del>9</del>	<del>7.17</del>
4	tp	tp tp		8.5-1.34 7.16
5	4.4 3.80 8.20	tp 7.1 0.33	7.43	8.5^  <u>8.60</u>
6	4.4 0.80 8.20	tp 7.0	0.34 7.34 8.9-1.36	7.54
7	4.3 3.80 8.10	tp tp		8.7-1.35 7.35
8	4.7 3.80 8.50	tp tp		9.0-1.36 7.64
9	4.9 3.80 8.70	tp tp		9.1^  <u>9.20</u>
10	5.2^	<u>5.25 01</u>	5.33 .80 9.05 7.9 tp 0.24 8.14 9.8?	F-1.37
11	5.3 3.80 9.10	tp tp		
12	6.0^	<u>6.05 01</u>	5.8 3.77 9.67 tp 9.0 0.16 9.16	
13	6.0^	<u>6.05 01</u>	6.1 3.77 9.82 9.3^	<u>9.30 00</u>   9.3 0.14 9.44
14	6.4 3.75	10.15 F		
15	6.3 3.75	10.05		
16	6.7 3.74	10.44		
17	7.1 3.72	10.82		
18	7.2 3.71	10.91		
19	7.3 3.70	11.00		
20	7.5 3.69	11.19		
21	7.5 3.69	11.19		
22	7.8 3.68	11.48		
23	7.9 3.67	11.57		
24	8.1 3.67	11.77		
25	8.5 3.67	12.17		
26	8.9 3.68	12.58		
27	9.0 3.69	12.69		
28	9.3 3.71	13.01		
29	9.8 3.81	<u>13.61</u>		
30	9.8^	<u>9.85 01</u>   9.9 3.83	<u>13.68</u>	

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17  
 B Series 480  
 ScV Jan 11, 1918  
 B50115 Eros 15 57-50 alt corr -.01

[[11 Column Table]]  
 |Sc2| | |g|h| | |PC| | |  
 ---|---|---|---|---|---|---|---|---|---|---|  
 1|w.s|~~3.9~~|B| | |tp|tp| | |w.s  
~~8.1~~|~~7.1~~| |  
 2|3.9<sup>^</sup>|3.85|10| 3.8| | |tp|tp| | |8.1|-1.31|6.79  
 3|4.2<sup>^</sup>|4.25|01| 4.3|3.80|8.05|6.8|tp|0.37|7.17|8.9|-1.36|7.54  
 4|5.2|3.80|9.00|elong|elong| | |9.9|-1.37|8.53|8.53|  
 5|5.5|3.78|9.28|tp|tp| | | | | | | |  
 6|6.1|3.77|9.87|9.7|tp|0.12|9.82| | |  
 7|6.7|3.74|10.44| | | | | | | |  
 8|6.9|3.72|10.62| | | | | | | |  
 9|7.4<sup>^</sup>|7.25|2|1| | | | | | | | | | |  
 10|7.3|3.70|11.00| | | | | | | | | | |  
 11|7.9|3.67|11.57| | | | | | | | | | |  
 12|8.0|3.67|11.67| | | | | | | | | | |  
 13|8.1|3.67|11.77| | | | | | | | | | |  
 14|8.1|3.67|11.77| | | | | | | | | | |  
 15|8.9|3.68|12.58| | | | | | | | | | |  
 16|9.5<sup>^</sup>|9.60|1|1| | | | | | | | | | |  
 17|F| | | | | | | | | | | |

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18  
 B Series 480  
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 Sc v Jan 11, 1918  
 B50116 Pole alt. corr -.92

[[11 Column Table]]


a|B| | | | | | | | | | | | | | |  
 b|3.8| | | | | | | | | | | | | | |  
 8.5|-1.33|7.07|  
 c|4.0|3.80|7.80| | | | | | | | | | | | | | |  
 d|4.5|3.80|8.30|7.7|tp|0.26|7.96|9.3|-1.37|7.93|  
 e|4.7|3.80|8.50| | | | | | | | | | | | | | |  
 1.37|~~[[8.13]]~~[[8.13]]  
 e'|5.2^[[5.15 0]] 1[[5.1]] 3.80|8.95| | | | |  
 n.s| | | | | | | | | | | | | | |  
 f|4.9|3.80|8.70| | | | | | | | | | | | | | |  
 g|5.1|3.80|8.90| | | | | | | | | | | | | | |  
 h|5.3|3.80|9.10| | | | | | | | | | | | | | |  
 k|6.1|3.77|9.87| | | | | | | | | | | | | | |  
 l|6.9^[[6.80 1]] 1[[6.7]] 6.7|3.73|10.53| | | | | |  
 l'|6.8|3.73|10.53| | | | | | | | | | | | | | |  
 m|7.0|3.72|10.72| | | | | | | | | | | | | | |  
 n|7.0|3.72|10.72| | | | | | | | | | | | | | |  
 o|7.1^[[7.20]] 1[[7.3]] 7.3|3.70|10.90| | | | | |  
 p|7.4|3.70|11.10| | | | | | | | | | | | | | |  
 q|8.0|3.68|11.68| | | | | | | | | | | | | | |  
 r|7.8^[[7.75 0]] 1[[7.7]] 7.7|3.68|11.43| | | | | |  
 s|8.0|3.67|11.67| | | | | | | | | | | | | | |  
 t|8.5|3.67|12.17| | | | | | | | | | | | | | |  
 u|7.9|3.68|11.58| | | | | | | | | | | | | | |  
 w|9.0|3.69|12.69| | | | | | | | | | | | | | |  
 x|9.8|3.83|13.63| | | | | | | | | | | | | | |  
 n|7.1|3.71|10.81| | | | | | | | | | | | | | |

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18

B Series 480

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Star	RA	Dec	Mag	Notes
a	4.0	3.80	7.80	
b	4.5	3.80	8.30	
c	4.7	3.80	8.50	
d	4.9	3.80	8.70	
e	5.1	3.80	8.90	
f	5.3	3.80	9.10	
g	6.1	3.77	9.87	
h	6.9	3.73	10.53	
i	7.0	3.72	10.72	
j	7.1	3.70	10.90	
k	7.4	3.70	11.10	
l	8.0	3.68	11.68	
m	7.8	3.68	11.43	
n	8.0	3.67	11.67	
o	8.5	3.67	12.17	
p	7.9	3.68	11.58	
q	9.0	3.69	12.69	
r	9.8	3.83	13.63	
s	7.1	3.71	10.81	

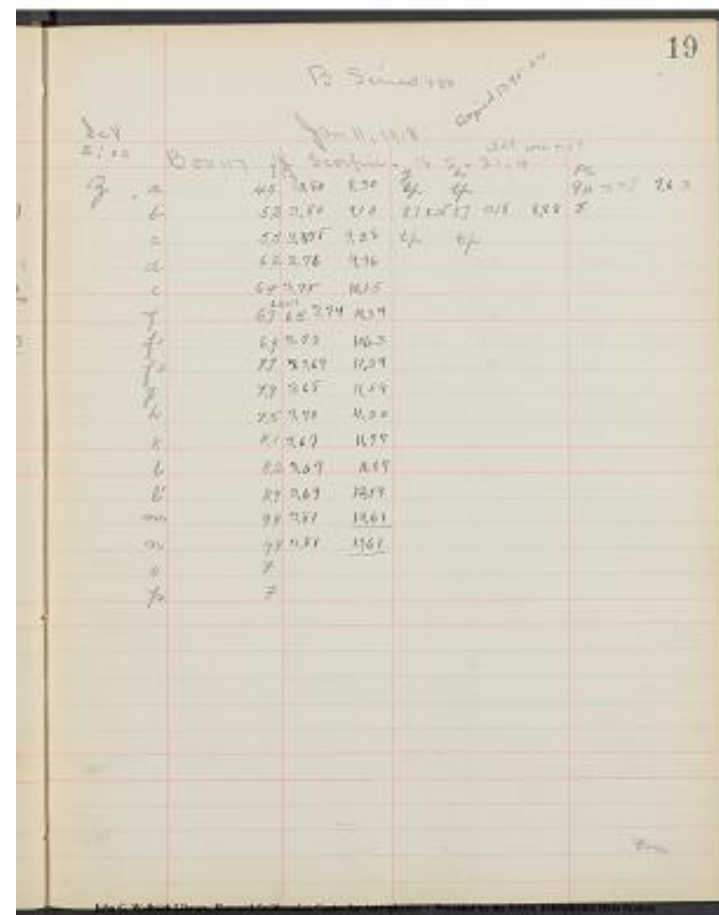
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 all images slightly elong.

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19  
 B Series 480  
 Copied B45:64  
 Sc v Jan 11, 1918  
 2:00 B 50117 {X {Z Scorpii. 16 2-21,4 alt corr +.07

[[10 column table]]  
 | | | | |g|h| |pc| |  
 ---|---|---|---|---|---|---|---|---|---|  
 Zeta a|4.5|3.80|8.30|tp|tp| | |9.0 4.37|7.63  
 b|5.3|3.80|9.10|8.7^|[8.70 00]]|8.7|0.18|8.88|F|  
 c|5.5|3. ~~[[strikethrough]]~~6~~[[/strikethrough]]~~|78|9.28|tp|tp| | | |  
 d|6.2|3.76|9.96| | | | | | | |  
 e|6.4|3.75|10.15| | | | | | | |  
 f|6.7^|[6.60 11] 65|3.74|10.34| | | | | |  
 f1|6.9|3.72|10.63| | | | | | | |  
 f2|7.7|~~[[strikethrough]]~~7~~[[/strikethrough]]~~|3.69|11.39| | | | | |  
 g|7.9|3.68|11.58| | | | | | | |  
 h|7.5|3.70|11.20| | | | | | | |  
 k|8.1|3.67|11.77| | | | | | | |  
 l|8.2|3.67|11.87| | | | | | | |  
 l1|8.9|3.69|12.59| | | | | | | |  
 m|9.8|3.81|13.61|13.61| | | | | |  
 n|9.8|3.81|13.61|13.61| | | | | |  
 o|F| | | | | | | | | |  
 p|F| | | | | | | | | |

over



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20  
 B Series 480  
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 Scv Jan 11, 1918  
 B50117 cont alt. corr +.07

[[7 Column Table]]  
 |Sc2| | |g|h|PC  
 ---|---|---|---|---|---|---

Chi a<sup>[[0]]</sup>5.3|3.80|9.10| | |  
 a<sup>[[01]]</sup>5.5|3.78|9.28| | |  
 b<sup>[[0]]</sup>6.2|3.76|9.96| | |  
 c<sup>[[0]]</sup>6.7|3.73|10.43| | |  
 e<sup>[[0]]</sup>7.2|3.70|10.90| | |  
 d<sup>[[0]]</sup>8.0<sup>[[7.90 1[[underline]]1[[/underline]]]]</sup>7.8|3.68| 11.58| | |  
 d<sup>[[01]]</sup>8.3<sup>[[8.20 1[[underline]]1[[/underline]]]]</sup>7.8|3.68| 11.58| | |  
 f<sup>[[0]]</sup>8.0|3.67|11.67| | |  
 g<sup>[[0]]</sup>8.7|3.67|12.37| | |  
 k<sup>[[0]]</sup>9.1|3.70|12.80| | |  
 h<sup>[[0]]</sup>9.8|3.81<sup>[[underline]]13.61[[/underline]]</sup> | | |  
 m<sup>[[0]]</sup>9.8|3.81<sup>[[underline]]13.61[[/underline]]</sup> | | |  
 l<sup>[[0]]</sup>n.s| | | | |  
 n<sup>[[0]]</sup>n.s| | | | |

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20

B Series 480

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Scv Jan 11, 1918

B50117 cont alt. corr +.07

X	a <sup>[[0]]</sup>	a <sup>[[01]]</sup>	b <sup>[[0]]</sup>	c <sup>[[0]]</sup>	e <sup>[[0]]</sup>	d <sup>[[0]]</sup>	d <sup>[[01]]</sup>	f <sup>[[0]]</sup>	g <sup>[[0]]</sup>	k <sup>[[0]]</sup>	h <sup>[[0]]</sup>	m <sup>[[0]]</sup>	l <sup>[[0]]</sup>	n <sup>[[0]]</sup>
5.3	3.80	9.10												
5.5	3.78	9.28												
6.2	3.76	9.96												
6.7	3.73	10.43												
7.2	3.70	10.90												
8.0	3.68	11.58												
8.3	3.68	11.58												
8.0	3.67	11.67												
8.7	3.67	12.37												
9.1	3.70	12.80												
9.8	3.81	13.61												
9.8	3.81	13.61												
n.s														
n.s														

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21  
B Series 480  
ScV Jan 11, 1918  
B50118 C9

[8 Column Table]  
| Sc2 | | g | h | | PC |  
|----|----|----|----|----|

| 2 | tp | | | tp | tp | | 9.2 -1.97 |  
3 | B | | | 6.8 | tp | | ~~0.43~~ | 0.24  
8.7 -1.66 |  
4 | 4.2 | 3.62 | | ~~7.82~~ | | tp | 7.3  
| ~~0.52~~ | | ~~0.52~~ | | ~~9.3~~ -  
1.48 |  
5 | 4.3 | 3.76 | | ~~8.06~~ | | tp | tp | |  
| ~~9.5~~ | | ~~9.5~~ -1.44 |  
6 | 5.1 | 3.37 | | ~~8.47~~ | | tp | tp | |  
6a | 5.3 | 3.34 | | ~~8.64~~ | | | | |  
7 | 5.5 | 3.54 | | ~~9.04~~ | | | | |  
8 | 5.8 | 3.73 | | ~~9.53~~ | | | | |  
9 | 6.4 | 3.59 | | ~~9.99~~ | | | | |  
12 | 7.1 | 3.47 | | ~~10.57~~ | | | | |  
14 | 7.3 | 3.49 | | ~~10.79~~ | | | | |  
14a | 7.9 | | | | | | | |  
15 | 7.5 | 3.63 | | | | | | |  
16 | 8.1 | 3.50 | | | | | | |  
17 | 8.1 | 3.73 | | | | | | |  
18 | 8.9 | 3.51 | | | | | | |  
20 | 9.3 | 3.46 | | | | | | |  
21 | 9.5 | 3.56 | | | | | | |  
22 | 9.7 | 3.70 | | | | | | |  
23 | 9.8 | 3.94 | | | | | | |  
24 | 7 | | | | | | | |  
25 | 7 | | | | | | | |  
27 | 7 | | | | | | | |  
14a | wr.w | | ~~8~~ | | | | | |  
14b | 9.0 | | | | | | | |

1:30

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Handwritten astronomical observation log on a grid. The page is numbered "21" in the top right corner. The title "B Series 480" is written at the top. The log contains several columns of handwritten numbers and symbols, including "Sc2", "g", "h", and "PC". There are also some crossed-out entries and a small table at the bottom right.

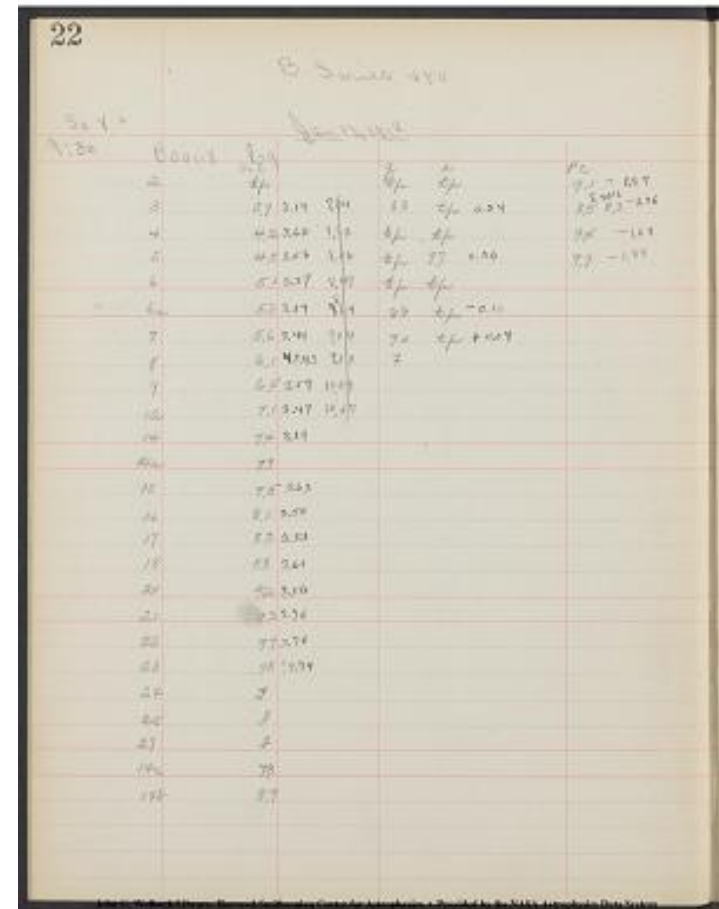
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22  
 B Series 480  
 Sc V Jan 17, 1918  
 9:30 B50118 I9

[[9 Column Table]]  

Sc2	g	h	PC
-----	---	---	----

2|tp| | |tp|tp| |9.1|-1.87|  
 3|3.9|3.14|~~7.04~~|6.8|tp|0.24|8.5^|8.40  
 1|1|1|8.3|-1.36|  
 4|4.2|3.62|~~7.82~~|tp|tp| |9.5|-1.68|  
 5|4.5|3.56|~~8.06~~|tp|7.7|0.36|9.9|-1.84|  
 6|5.1|3.37|~~8.47~~|tp|tp| | | | |  
 6a|5.3|3.34|~~9~~|~~8.64~~|~~ethrough~~|8.8|tp|-0.16|  
 7|5.6|3.44|~~9.04~~|9.0|tp|+0.04| | | |  
 8|6.1|~~4~~|~~3.43~~|~~9.53~~|~~hrough~~|F| | | | |  
 9|6.5|3.59|~~10.09~~| | | | | |  
 12|7.1|3.47|~~10.57~~| | | | | |  
 14|7.4|3.39| | | | | | |  
 14a|7.9| | | | | | | |  
 15|7.5|3.63| | | | | | |  
 16|8.1|3.50| | | | | | |  
 17|8.3|3.53| | | | | | |  
 18|8.8|3.61| | | | | | |  
 20|9.2|3.56| | | | | | |  
 21|9.3|3.76| | | | | | |  
 22|9.7|3.70| | | | | | |  
 23|9.8|3.94| | | | | | |  
 24|F| | | | | | | |  
 25|F| | | | | | | |  
 27|F| | | | | | | |  
 14c|7.8| | | | | | | |  
 14b|8.9| | | | | | | |



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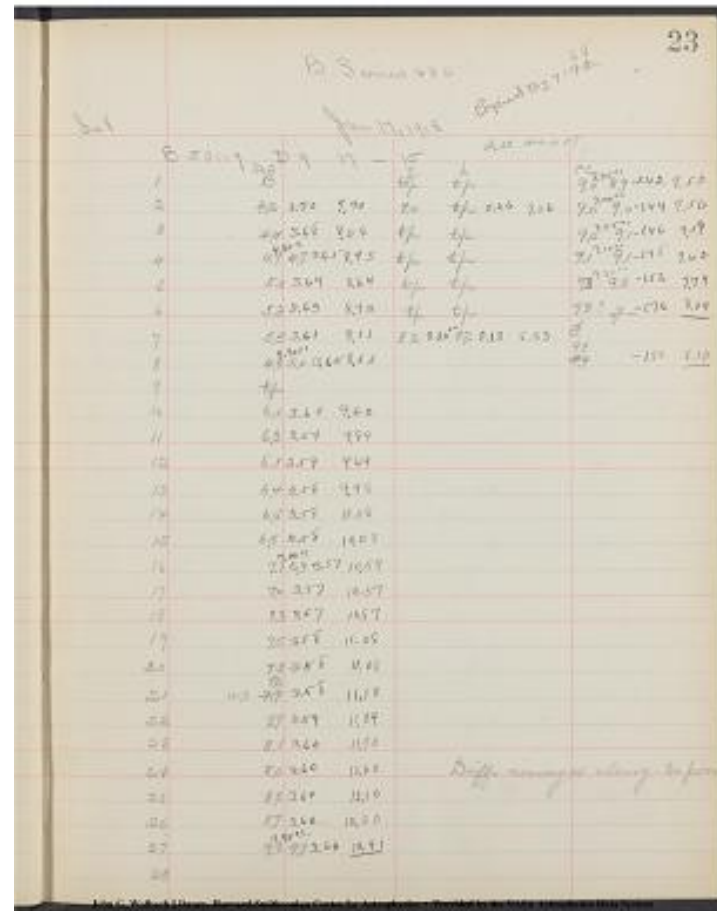
23  
 B Series 480  
 Sc V Jan 17, 1918  
 Copied B27: ~~72~~ 68  
 B50119 D9 17-15 alt. corr. +.07

[[9 column table]]  
Sc2		g	h		pc

1 | B | | | tp | tp | | | 9.0^[[8.95 0]] 1 8.9 -  
 1.42 7.53 |  
 2 | 4.2 | 3.70 | 9.90 | 7.0 | tp | 0.26 | 7.26 | 9.0^[[9.00 00]] 9.0 -1.44 7.56  
 3 | 4.4 | 3.68 | 8.08 | tp | tp | | | 9.0^[[9.05 01]] 9.1 -1.46 7.59 |  
 4 | 4.9^[[4.80 1]] 1 4.7 | 3.65 | 8.45 | tp | tp |  
 9.1^[[9.1 00]] 9.1 -1.48 7.62 |  
 5 | 5.0 | 3.64 | 8.64 | tp | tp | | | 9.3^[[9.30 00]] 9.3 -1.56 7.74 |  
 6 | 5.3 | 3.63 | 8.93 | tp | tp | | | 9.8? ft\_ -1.76 8.04  
 [[/underlined]]  
 7 | 5.5 | 3.61 | 9.11 | 8.2^[[8.20 00]] | 8.2 | 0.13 | 8.33 | F |  
 8 | 4.8^[[4.90]] 1 5.0 | 3.65 | 8.55 | | | |  
 [[/underlined]] 8.9 [[/strickethrough]] 9.9 -1.80 8.10  
 9 | tp | | | | | | | |  
 10 | 6.0 | 3.60 | 9.60 | | | | | |  
 11 | 6.3 | 3.59 | 9.89 | | | | | |  
 12 | 6.1 | 3.59 | 9.69 | | | | | |  
 13 | 6.4 | 3.58 | 9.98 | | | | | |  
 14 | 6.5 | 3.58 | 10.08 | | | | | |  
 15 | 6.5 | 3.58 | 10.08 | | | | | |  
 16 | 7.1 7.00^[[1]] 6.9 | 3.57 | 10.57 | | | |  
 17 | 7.0 | 3.57 | 10.57 | | | | | |  
 18 | 7.3 | 3.57 | 10.87 | | | | | |  
 19 | 7.5 | 3.58 | 11.08 | | | | | |  
 20 | 7.5 | 3.58 | 11.08 | | | | | |  
 21 | w.s ~~7.7~~ 7.6 | 3.58 | 11.18 | | | |  
 22 | 7.7 | 3.59 | 11.29 | | | | | |  
 23 | 8.1 | 3.60 | 11.70 | | | | | |  
 24 | 8.0 | 3.60 | 11.60 | | | | | |  
 25 | 8.5 | 3.60 | 12.10 | | | | | |  
 26 | 8.7 | 3.60 | 12.30 | | | | | |  
 27 | 9.8^[[9.75 0]] 9.7 | 3.66 9.7  
 13.41 9.7  
 28 | | | | | | | |

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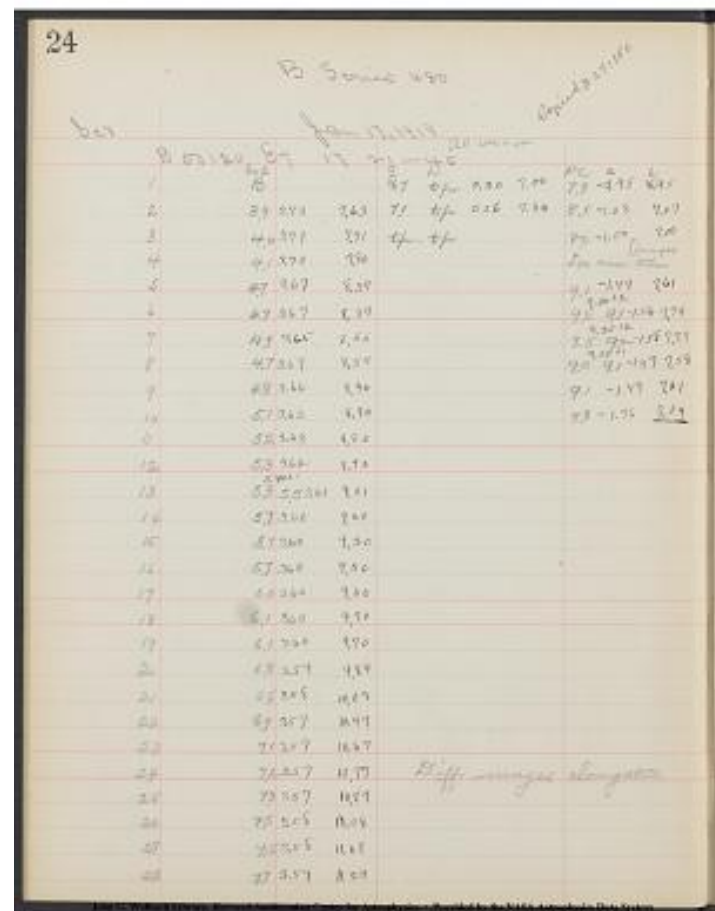
24  
 B Series 480  
 Copied B27:150  
 Sc V Jan 17, 1918  
 B50120 E7 17 21-45 alt. corr +.02

[[9 Column Table]]

		Sc2			g		h			PC	

1		B			6.7		tp		0.30		7.00		7.9		<del>[[strikethrough]] -1.95</del>	
															<del>[[/strikethrough]] -0.95</del> <del>[[strikethrough]] 5.95</del> <del>[[/strikethrough]] 6.95</del>	
2		3.9		3.73		7.63		7.1		tp		0.26		7.36		8.1 -1.03 7.07
3		4.0		3.71		7.71		tp		tp				8.0 -1.00 7.00		
4		4.1		3.70		7.80								Too near other images		
5		4.7		3.67		8.37								9.1 -1.49 7.61		
6		4.7		3.67		8.37								9.5^[[9.30 2		
														9.1 -1.56 7.74		
7		4.9		3.65		8.55								9.5^[[9.35 1		
														9.2 -1.58 7.77		
8		4.7		3.67		8.37								9.0^[[9.05 01]]		
9		4.8		3.66		8.46								9.1 -1.47 7.58		
10		5.1		3.63		8.73								9.1 -1.49 7.61		
														9.8 -1.76		
														8.04		
11		5.2		3.63		8.83										
12		5.3		3.62		8.92										
13		5.3		5.40^		[[underlined]] 1		[[underlined]] 1		5.5		3.61		9.01		
14		5.7		3.60		9.30										
15		5.7		3.60		9.30										
16		5.7		3.60		9.30										
17		6.0		3.60		9.60										
18		6.1		3.60		9.70										
19		6.1		3.60		9.70										
20		6.3		3.59		9.89										
21		6.5		3.58		10.08										
22		6.9		3.57		10.47										
23		7.1		3.57		10.67										
24		7.2		3.57		10.77										
25		7.3		3.57		10.87										
26		7.5		3.58		11.08										
27		7.5		3.58		11.08										
28		7.7		3.59		11.29										

Diff images elongated



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25

B Ser 480  
ScV Jan 17, 1918  
B 50120 cont

[[4 Column Table]]

Sc 2		

29	7.9	7.80	1	7.7	3.59	11.39
30	7.9	3.60	11.50			
31	8.1	3.60	11.70			
32	8.3	3.60	11.90			
33	8.7	3.60	12.30			
34	8.9	3.61	12.51			
35	9.3	3.63	12.93			
36	9.9 ft.	3.67	13.57			

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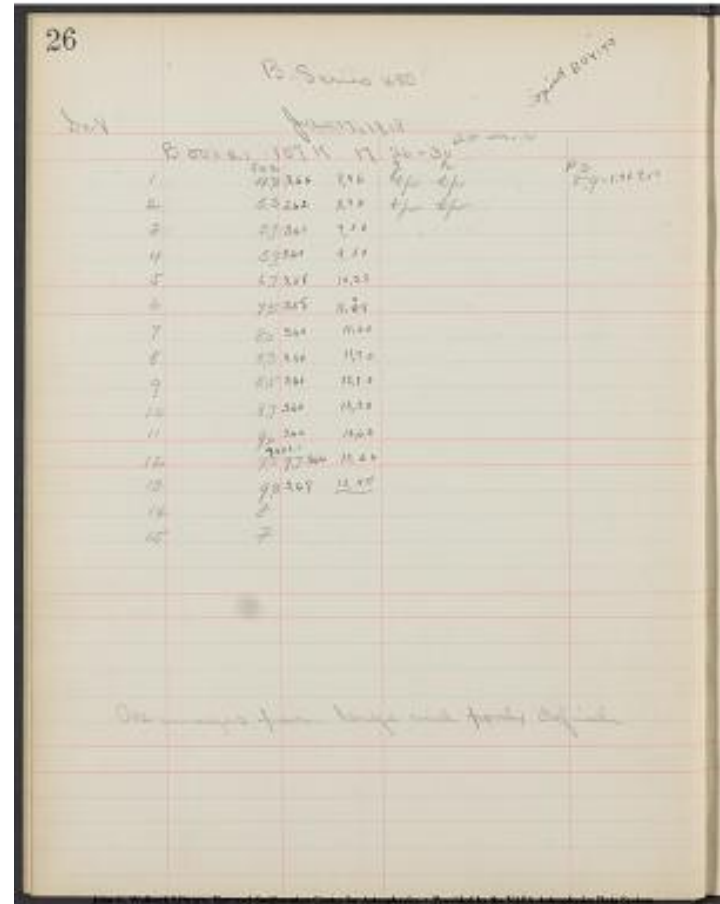
26  
 B series 480  
 copied B34:49  
 ScV Jan 17, 1918  
 B50121 15717 K 17 26-30 alt. corr +.06

[[7 column table]]  
Sc2			g	h	PC

1	4.8	3.66	8.46	tp	tp	8.9 -1.40 7.50
2	5.3	3.62	8.92	tp	tp	
3	5.9	3.60	9.50			
4	5.9	3.60	9.50			
5	6.7	3.58	10.28			
6	7.5	3.58	<del>11.28</del>			11.08
7	8.0	3.60	11.60			
8	8.3	3.60	11.90			
9	8.5	3.60	12.10			
10	8.7	3.60	12.30			
11	9.0	3.62	12.62			
12	9.5	<u>9.60</u>	<u>13.47</u>	1		9.7   3.66   13.26
13	9.8	3.67	<u>13.47</u>			
14	F					
15	F					

All images poor. Large and poorly defined.

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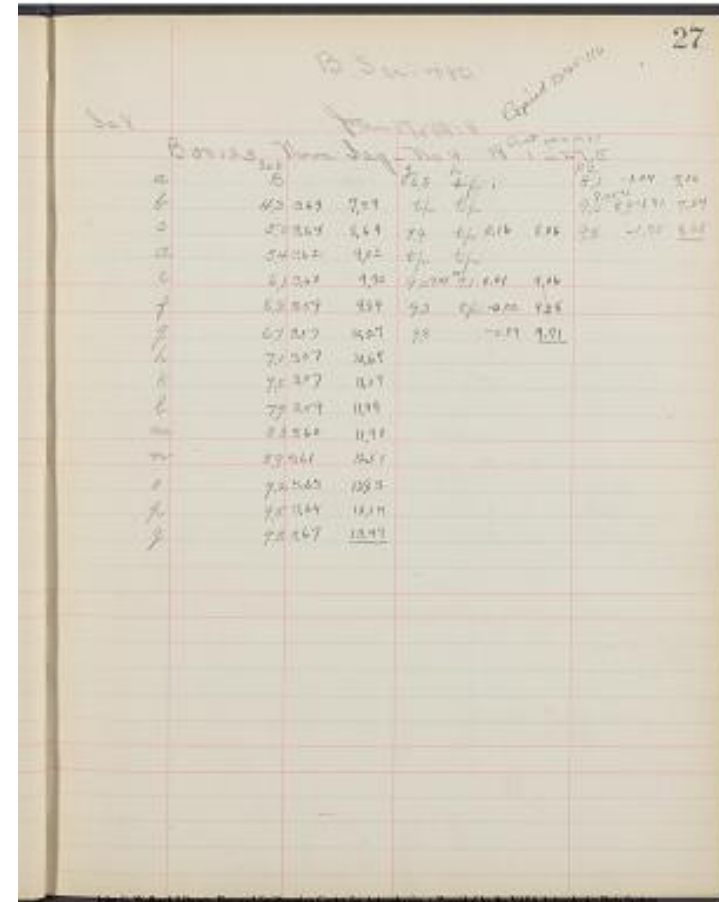


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27  
 B Ser. 480  
 Copied B45:116  
 ScV Jan. 17, 1918  
 B50123 Nova Sag No. 4 18<sup>h</sup>[[Act. corr + .07]] 1-27.5

[[9 column list]]  
 | | Sc2 | | | g | h | | | PC |  
 |---|---|---|---|---|---|---|

| a | B | | | 6.3 | tp | . | | 8.1 -1.04 7.06 |  
 | b | 4.3 | 3.69 | 7.99 | tp | tp | | | 9.0<sup>h</sup>[[8.95 0 [[1]]]]  
 | c | 5.0 | 3.64 | 8.64 | 7.9 | tp | 0.16 | 8.06 | 9.8 -1.75 [[8.05]]  
d	5.4	3.62	9.02	tp	tp			
e	6.1	3.60	9.70	9.0<sup>h</sup>[[9.05 01]]	9.1	0.01	9.06	
f	6.3	3.59	9.89	9.3	tp	-0.02	9.28	
g	6.7	3.57	10.27	9.8		-0.09	[[9.71]]	
h	7.1	3.57	10.67					
k	7.5	3.57	11.07					
l	7.9	3.59	11.49					
m	8.3	3.60	11.90					
n	8.9	3.61	12.51					
o	9.2	3.63	12.83					
p	9.5	3.64	13.14					
q	9.8	3.67	[[13.47]]					



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28  
B Series 480  
Sc V Jan 17, 1918  
B50124 C9

[[7 Column Table]]						
Sc2	g h	PC				
2 tp	tp	9.0 -1.77				
3 B	tp	8.0 -0.96				
4 B		9.0 -1.18				
5 B		9.3 -1.24				
6 4.3	4.17	9.8 -1.33				
6a 4.9	3.74					
7 5.0	4.04					
8 5.7	3.83					
9 6.3	3.79					
12 7.1^	[7.00 1	[[ <u>1</u> ]] 1	[[ <u>6.9 3.57 </u> ]]			
14 7.4	3.39					
14a 8.0						
15 8.0^	[7.95 0	[[ <u>1</u> ]] 1	[[ <u>7.9 3.18 </u> ]]			
16 8.3^	[8.20 1	[[ <u>1</u> ]] 1	[[ <u>8.1 3.40 </u> ]]			
17 8.3	3.53					
18 8.5^	[8.65	[[ <u>1</u> ]] 2	[[ <u>8.8 3.76 </u> ]]			
20 9.97 ft	2.86					
21 9.7	3.36					
22 10.0 ft	3.40					
23 F						
24 F						
14c 7.7						
14b 9.1						

Images [[poor]]  
12:30

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28

B Series 480

Sc V Jan 17, 1918

B	g	h	PC
2	4.17	9.0	-1.77
3	4.17	8.0	-0.96
4	4.17	9.0	-1.18
5	4.17	9.3	-1.24
6	4.17	9.8	-1.33
6a	4.9	3.74	
7	5.0	4.04	
8	5.7	3.83	
9	6.3	3.79	
12	7.1	7.00	1
14	7.4	3.39	
14a	8.0		
15	8.0	7.95	0
16	8.3	8.20	1
17	8.3	3.53	
18	8.5	8.65	1
20	9.97	2.86	
21	9.7	3.36	
22	10.0	3.40	
23	F		
24	F		
14c	7.7		
14b	9.1		

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29  
w  
M15  
Seq1 Measures of New Var No 66 Ld  $^{[[53\ 66]]}$   
11:10 Jan 15, 1918  
Copied for S.I.B.

[[3 column table]]

<del>MW3444</del>	<del>MW3437</del>	<del>MW3432</del>
<del>16.4</del>	<del>16.5</del>	<del>16.3</del>
<del>MW3439</del>	<del>MW3441</del>	<del>MW3446</del>
<del>16.4</del>	<del>16.9</del>	<del>16.0</del>
<del>MW3429</del>	<del>MW2607</del>	<del>MW2619</del>
<del>16.4</del>	<del>16.2</del>	<del>16.1</del>
<del>MW2619</del>	<del>Wr. Object</del>	<del>MW2607</del>
<del>16.2</del>	<del>15.8</del>	<del>15.5</del>
<del>MW3401</del>	<del>MW2614</del>	<del>MW2608</del>
<del>tp</del>	<del>15.9</del>	<del>15.8</del>
<del>MW3446</del>	<del>MW3396</del>	<del>MW2621</del>
<del>16.4</del>	<del>16.1</del>	<del>15.8</del>
<del>MW2585</del>	<del>MW2593</del>	<del>MW3432</del>
<del>16.4</del>	<del>15.5</del>	<del>15.6</del>
<del>MW2593</del>	<del>MW2585</del>	<del>MW2592</del>
<del>16.4</del>	<del>15.8</del>	<del>15.5</del>
<del>MW3396</del>	<del>MW3441</del>	<del>MW3437</del>
<del>16.2</del>	<del>16.2</del>	<del>16.1</del>
<del>MW2614</del>	<del>MW3401</del>	<del>MW2631</del>
<del>16.4</del>	<del>15.5</del>	<del>15.6</del>

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30

M15  
Measures of New Var (Cont) No 66  
Jan 15, 1918

[[3 COLUMN Table]]  
|---|---|---|

MW2628	MW2597	MW3434	
15.5	15.5	15.65	
MW3439	MW.2618	MW3395	
16.2	16.0	16.3	
MW3444	MW3394	MW2624	
16.0	16.2	15.5	
MW2584	MW3447	MW2580	
15.9	15.6	16.0	16.2
MW2612	MW2629	MW2632	
16.0	15.3	15.4	
MW2596	MW2587	MW2590	
15.4	15.5	15.4	
MW2620	MW2623	MW2606	
15.8	15.4	16.2	
MW2604	MW2582	MW2595	
16.0	16.2	16.0	15.5
MW2616	MW2626	MW2613	
16.1	15.4	16.2	
MW3428	MW2610	MW2588	
15.5	16.0	15.6	

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30

Measures of New Variables (Cont) No 66

MW2628	MW2597	MW3434
15.5	15.5	15.65
MW3439	MW.2618	MW3395
16.2	16.0	16.3
MW3444	MW3394	MW2624
16.0	16.2	15.5
MW2584	MW3447	MW2580
15.9	15.6	16.0
MW2612	MW2629	MW2632
16.0	15.3	15.4
MW2596	MW2587	MW2590
15.4	15.5	15.4
MW2620	MW2623	MW2606
15.8	15.4	16.2
MW2604	MW2582	MW2595
16.0	16.2	16.0
MW2616	MW2626	MW2613
16.1	15.4	16.2
MW3428	MW2610	MW2588
15.5	16.0	15.6

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31  
w  
M15  
Measure of New Var (cont) No 66  
Jan 15, 1918

[[3 column table]]  
---|---|---

MW 2598	X 8664	H 1745
15.5	tp	15.5
MW 2600	X 8014	H 1732
15.6	tp	tp
MW 2602	X 10893	H 1720
15.6	16.0	15.3
X 8920	X 7767	H 1737
15.7	15.6	15.4
X 8780	X 10897	H 1722
16.0	15.8	tp
X 8869	H 1733	H 1724
16.2	15.9	tp
X 7986	H 1716	H 1728
15.4	15.3	tp
X 8912	H 1746	H 1726
15.	<del>8</del>	6
X 7985	H 1719	H 1715
tp	tp	tp
X 12612	H 1720	
15.55	16.0	

12.50

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31

M15

Measure of New Var (cont) No 66

MW 2598	X 8664	H 1745
15.5	tp	15.5
MW 2600	X 8014	H 1732
15.6	tp	tp
MW 2602	X 10893	H 1720
15.6	16.0	15.3
X 8920	X 7767	H 1737
15.7	15.6	15.4
X 8780	X 10897	H 1722
16.0	15.8	tp
X 8869	H 1733	H 1724
16.2	15.9	tp
X 7986	H 1716	H 1728
15.4	15.3	tp
X 8912	H 1746	H 1726
15.	<del>8</del>	6
X 7985	H 1719	H 1715
tp	tp	tp
X 12612	H 1720	
15.55	16.0	

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32  
w  
M15  
Copied S.I.B.  
Seq 1 Measures of Var. No. 65 (IEW)  
10:00 Jan. 16, 1918

[[3 column table]]

MW 2602	MW 2590	MW 2623
15.8	16.0	15.6
MW 2600	MW 2626	MW 3394
16.0	15.8	16.3
MW 2598	MW 2582	MW 3428
15.55	16.2	15.4
MW 2588	MW 2624	MW 2616
15.9	15.9	15.5
MW 2613	MW 2587	MW 2604
15.4	15.9	<del>w.s.</del>
MW 2595	MW 2629	MW 2597
15.8	16.0	15.8
MW 2606	MW 2447	MW 2620
15.3	16.2	15.6
MW 2610	MW 3395	MW 2612
15.6	15.8	16.3
MW 2632	MW 3434	MW 2584
15.8	15.6	16.3
MW 2580	MW 2618	MW 3444
16.4	15.5	16.0

32

Seq 1

Measures of Var. No. 65 (IEW)

10:00

MW	MW	MW
MW 2602	MW 2590	MW 2623
15.8	16.0	15.6
MW 2600	MW 2626	MW 3394
16.0	15.8	16.3
MW 2598	MW 2582	MW 3428
15.55	16.2	15.4
MW 2588	MW 2624	MW 2616
15.9	15.9	15.5
MW 2613	MW 2587	MW 2604
15.4	15.9	<del>w.s.</del>
MW 2595	MW 2629	MW 2597
15.8	16.0	15.8
MW 2606	MW 2447	MW 2620
15.3	16.2	15.6
MW 2610	MW 3395	MW 2612
15.6	15.8	16.3
MW 2632	MW 3434	MW 2584
15.8	15.6	16.3
MW 2580	MW 2618	MW 3444
16.4	15.5	16.0

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33  
M 15  
Measures of No 65 cont  
Jan 16, 1918

[[3 column table]]

MW 2596	MW 3429	H 1710
16.0	15.8	tp
MW 3439	MW 3401	H 1726
16.0	15.5	tp
MW 2628	MW 3446	H 1728
15.9	16.2	16.0
MW 2631	MW 3441	H 1724
15.9	16.2	tp
MW 3437	MW 2585	H 1722
15.9	16.2	tp
MW 2592	MW 2593	H 1737
15.9	15.8	tp
MW 2619	MW 3396	H 1720
15.6	16.2	tp
MW 2621	MW 2614	H 1732
15.5	15.5	tp
MW 2608	MW 2607	H 1745
15.75	15.4	tp
MW 3432	H 1720	H 1719
15.8	tp	tp

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33

Measures of No 65 cont  
Jan 16, 1918

MW 2596	MW 3429	H 1710
16.0	15.8	tp
MW 3439	MW 3401	H 1726
16.0	15.5	tp
MW 2628	MW 3446	H 1728
15.9	16.2	16.0
MW 2631	MW 3441	H 1724
15.9	16.2	tp
MW 3437	MW 2585	H 1722
15.9	16.2	tp
MW 2592	MW 2593	H 1737
15.9	15.8	tp
MW 2619	MW 3396	H 1720
15.6	16.2	tp
MW 2621	MW 2614	H 1732
15.5	15.5	tp
MW 2608	MW 2607	H 1745
15.75	15.4	tp
MW 3432	H 1720	H 1719
15.8	tp	tp

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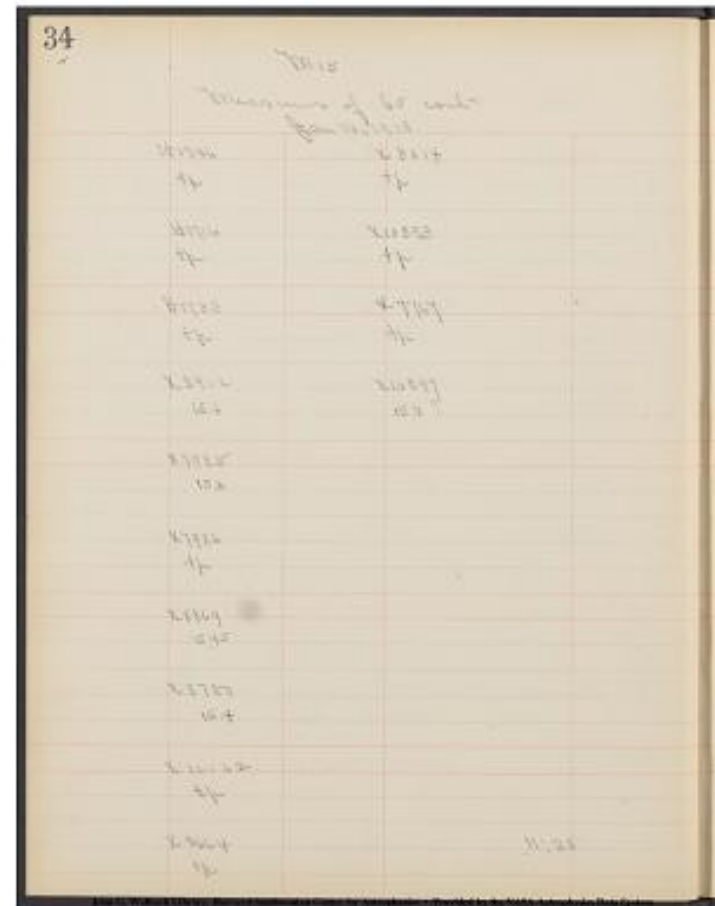
34  
w

M15  
Measures of 65 cont  
Jan 16, 1918

[[2 column table]]

---	---
H 1746	X 8014
tp	tp
H 1716	X 10893
tp	tp
H 1733	X 7767
tp	tp
X 8912	X 10897
15.6	15.8?
X 7985	
15.6	
X 7986	
tp	
X 8869	
15.45	
X 8780	
15.4	
X 12162	
tp	
X 8664	
tp	

11:28



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35

M15

Seq 3 Copied for S.I.B

Measures of 62 (I.E.W)

11:35 Jan 16, 1918

[[3 column table]]

|---|---|---|

MW2614|MW3446|MW2628|

16.1|16.3|16.0|

MW3396|MW3432|MW3444|

16.0|15.7|16.3|

MW2593|MW2619|MW2620|

16.3|16.0|16.0|

MW2585|MW2592|MW2597|

15.6|16.2|16.3|

MW3441|MW3437|MW2604|

16.3|15.8|16.0|

MW2607|MW2631|MW2616|

15.9|16.3|15.65|

MW3429|MW2584|MW3394|

15.8|15.5|15.55|

MW2608|MW2596|MW2618|

16.3|16.3|15.6|

MW2621|MW2612|M3434|

15.8|16.2|15.8|

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Measures of 62 (I.E.W)		
MW2614	MW3446	MW2628
16.1	16.3	16.0
MW3396	MW3432	MW3444
16.0	15.7	16.3
MW2593	MW2619	MW2620
16.3	16.0	16.0
MW2585	MW2592	MW2597
15.6	16.2	16.3
MW3441	MW3437	MW2604
16.3	15.8	16.0
MW2607	MW2631	MW2616
15.9	16.3	15.65
MW3429	MW2584	MW3394
15.8	15.5	15.55
MW2608	MW2596	MW2618
16.3	16.3	15.6
MW2621	MW2612	M3434
15.8	16.2	15.8

Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55

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37  
w  
M15  
Seq 1 Measures of No 33  
Copied for S.I.B  
10-30 Jan 19, 1918

[3 Column Table]

MW 2584	MW 2614	MW 2620
15.6	15.6	15.5
MW 2619	MW 3434	MW 3444
15.8?	15.6	15.2
MW 2613	MW 2618	MW 2629
15.6	15.65	15.8 16.0
MW 3439	MW 2588	MW 2606
15.5?	15.6	15.1
MW 3394	MW 3441	MW 2602
16.2	15.1	15.2
MW 2604	MW 2595	MW 2590
15.1	15.8	15.7
MW 2597	MW 2623	MW 2610
15.6	15.6	15.55
MW 3432	MW 3401	MW 2632
15.4	15.8?	
MW 3446	MW 3396	MW 2598
15.2	16.0	15.6?
MW 3438	MW 2631	MW 3429
16.1	<del>16.2</del>	15.8 15.9

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Seq	Measure	Measure	Measure
10-30	MW 2584	MW 2614	MW 2620
	15.6	15.6	15.5
	MW 2619	MW 3434	MW 3444
	15.8?	15.6	15.2
	MW 2613	MW 2618	MW 2629
	15.6	15.65	15.8 16.0
	MW 3439	MW 2588	MW 2606
	15.5?	15.6	15.1
	MW 3394	MW 3441	MW 2602
	16.2	15.1	15.2
	MW 2604	MW 2595	MW 2590
	15.1	15.8	15.7
	MW 2597	MW 2623	MW 2610
	15.6	15.6	15.55
	MW 3432	MW 3401	MW 2632
	15.4	15.8?	
	MW 3446	MW 3396	MW 2598
	15.2	16.0	15.6?
	MW 3438	MW 2631	MW 3429
	16.1	<del>16.2</del>	15.8 15.9

Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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38

M15  
Estimates of No 33  
Jan 19 1918

[[2 Column Table]]

MW 2621	MW 2608
15.6	15.3
MW 2616	MW 2624
15.6	15.6 158 2d meas.
MW 2582	MW 2585
15.6	15.6
MW 2612	MW 3447
15.55	tp
MW 2607	MW 2596
15.7	tp
MW 3437	MW 2626
Defective	15.8
MW 2628	MW 2580
15.6	16.2
MW 2600	MW 2593
15.3	15.6
MW 2587	
15.6?	

Very difficult. Too close to Cl.  
hazy- different. Shape from comp stars cannot meas on X H &  
measures unsatisfactory.  
11:30

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38

*Handwritten notes:*  
This is a list of variables in M15. The list is divided into two columns. The first column contains the names of the variables, and the second column contains their magnitudes. The magnitudes are given in two columns, with the first column being the primary magnitude and the second column being a secondary magnitude or a note. The list is as follows:

MW 2621	15.6	MW 2608	15.3
MW 2616	15.6	MW 2624	15.6 158 2d meas.
MW 2582	15.6	MW 2585	15.6
MW 2612	15.55	MW 3447	tp
MW 2607	15.7	MW 2596	tp
MW 3437	15.8	MW 2626	15.8
MW 2628	15.6	MW 2580	16.2
MW 2600	15.3	MW 2593	15.6
MW 2587	15.6?		

*Handwritten notes at bottom right:*  
Very difficult. Too close to Cl.  
hazy- different. Shape from comp stars cannot meas on X H &  
measures unsatisfactory.  
11:30

Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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Extracted Jan-24-2023 10:35:04

39  
w  
M15  
Copied for S.I.B.  
Seq 2 Estimates of No 47  
11:00 Jan 19, 1918

[[3 column table]]

---|---|---  
MW[[~~3432~~]] 2597| MW2621| MW2613|  
15.85|15.5|16.0|  
MW3432|MW2587|MW2620|  
15.1 153?|15.7|15.3|  
MW2623|MW2626|MW3434  
15.6|15.3|15.4 15.2|  
MW2632|MW2580|MW2604|  
15.6|15.63|defective|  
MW2612|MW2593|MW3446|  
16.1|15.9|15.6|  
MW2608|MW2584|MW3428|  
15.9|15.6|15.1|  
MW2628|MW2619|MW2618|  
15.5|15.5|15.1|  
MW2600|MW3439|MW2588|  
15.8|15.6|15.8|  
MW2585|MW2614|MW3441|  
15.6|15.9|15.8?|  
MW2596|MW3394|MW2595|  
16.0|tp|16.0|

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Star	Star	Star
MW2617	MW2621	MW2618
15.85	15.5	16.0
MW2620	MW2627	MW2622
15.1 153?	15.7	15.3
MW2623	MW2626	MW2634
15.6 15.3 15.4 15.2	15.6	15.3
MW2632	MW2580	MW2604
15.6 15.63 defective	15.6	15.63
MW2612	MW2593	MW3446
16.1 15.9 15.6	16.1	15.9
MW2608	MW2584	MW3428
15.9 15.6 15.1	15.9	15.6
MW2628	MW2619	MW2618
15.5 15.5 15.1	15.5	15.5
MW2600	MW3439	MW2588
15.8 15.6 15.8	15.8	15.6
MW2585	MW2614	MW3441
15.6 15.9 15.8?	15.6	15.9
MW2596	MW3394	MW2595
16.0 tp 16.0	16.0	16.0

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Transcribed and Reviewed by Digital Volunteers  
Extracted Jan-24-2023 10:35:04

40  
w  
M15  
Estimates of No 47  
Jan 19, 1918  
[[2 column table]]  
---|---|  
MW3401 | MW3429 |  
tp | 15.3 |  
MW2610 | MW2616 |  
15.9 | 15.2 |  
MW2590 | MW2606 |  
15.8 | 16.0 |  
MW2602 | MW2607 |  
16.1 | 15.9 |  
MW2629 | MW2592 |  
15.6 | 15.8 |  
MW3396 | MW3437 |  
15.5 | 15.8 |  
MW2631 | MW2624 |  
15.9 15.6 | tp |  
MW3444 | MW3447 |  
15.9 | 15.8 |  
MW2598 | MW3395 |  
15.9 | tp |  
MW2582 | |  
15.8 | |

Difficult. close to Cl. Not meas on X&H  
1.55

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40

M15

Estimates of No 47

Jan 19, 1918

MW3401	MW3429
tp	15.3
MW2610	MW2616
15.9	15.2
MW2590	MW2606
15.8	16.0
MW2602	MW2607
16.1	15.9
MW2629	MW2592
15.6	15.8
MW3396	MW3437
15.5	15.8
MW2631	MW2624
15.9 15.6	tp
MW3444	MW3447
15.9	15.8
MW2598	MW3395
15.9	tp
MW2582	
15.8	

Difficult. close to Cl. Not meas on X&H  
1.55

Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
Transcribed and Reviewed by Digital Volunteers  
Extracted Jan-24-2023 10:35:04

41

Reduction delayed. Jan 28, 1918.

10:40 B Series 487

sheet no.

ScV Jan 22, 1918

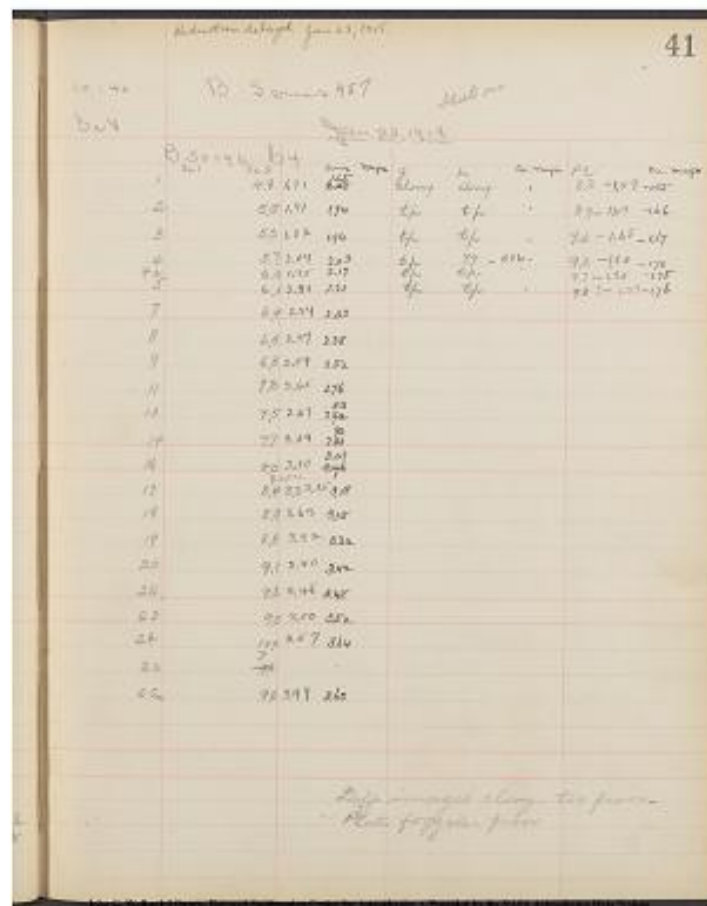
B 50196 C4

[[13 column table]]

	Sc1	Sc2	curve	mag.	g	h	Cu.	mag.	PC	Cu.	mag.	
1	4.8	1.91	<del>2.08</del>	1.65								
2	5.5	1.71	1.94	tp	tp		8.9	-1.69	-1.66			
3	5.5	1.82	1.94	tp	tp		9.0	-1.68	-1.69			
4	5.7	2.04	2.03	tp	7.9	-0.16	9.3	-1.50	-1.70			
4a	6.0	1.95	2.17	tp	tp		9.7	-1.75	-1.75			
5	6.1	2.31	2.21	tp	tp		9.8?	-1.39	-1.76			
7	6.4	2.34	2.33									
8	6.5	2.37	2.38									
9	6.8	2.54	2.52									
11	7.3	2.65	2.76									
13	7.5	2.69	<del>2.72</del>	<del>83</del>								
14	7.7	3.04	<del>2.81</del>	<del>92</del>								
16	8.0	3.10	<del>2.96</del>	<del>3.03</del>								
17	8.4	8.35 <sup>^</sup>	<u>1</u>	8.3	3.15	3.18						
18	8.3	3.63	3.15									
19	8.8	3.32	3.32									
20	9.1	3.40	3.42									
22	9.3	3.48	3.48									
23	9.5	3.50	3.52									
24	10.0	3.57	3.64									
26	<del>9.8</del>	<del>3.99</del>	<del>3.60</del>	F								
25a	9.8	3.99	3.60									

Diff images along. too poor. -Plates fogged. poor

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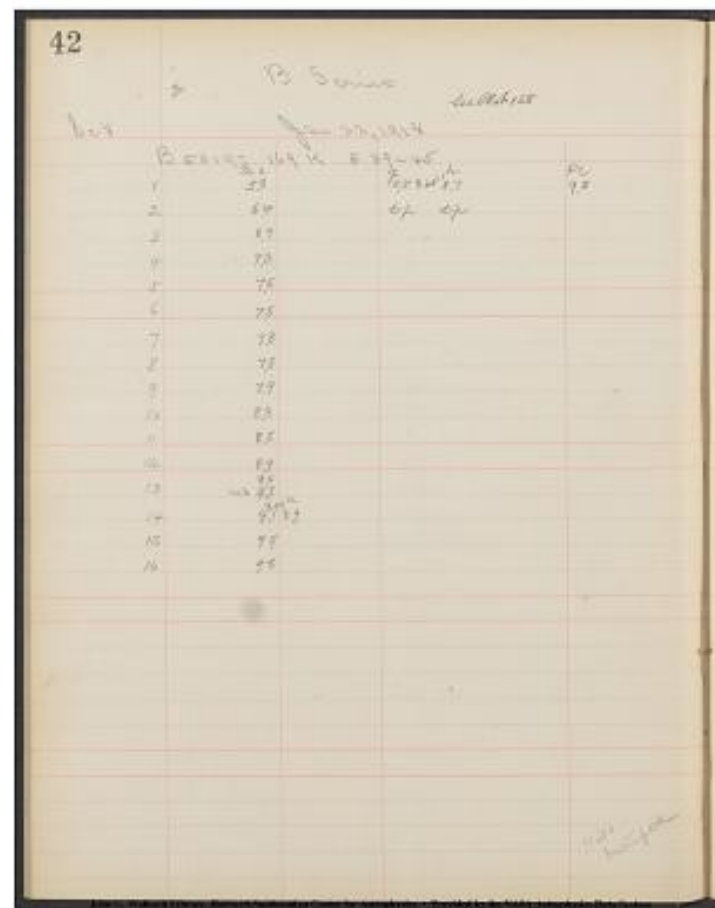
Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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 Extracted Jan-24-2023 10:35:04

42  
 B Series  
 See Plot 168  
 Sc V Jan 22, 1918  
 B50197 169K 5 39 - 45

[[5 Columned Table]]  
Sc2	g	h	PC

1	5.8	8.5	8.60 <sup>^</sup> <u>1</u>	<u>1</u>	8.7	9.8
2	6.4	tp	tp			
3	6.9					
4	7.3					
5	7.5					
6	7.5					
7	7.8					
8	7.8					
9	7.9					
10	8.3					
11	8.5					
12	8.9					
13	w.s	<del>9.7</del>	<del>9.0</del>			
14	9.1 <sup>^</sup> <u>9.001</u>	<u>1</u>	<u>8.9</u>			
15	9.5					
16	9.8					

11.30 Interrupted



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43

B Series  
See Plot 168  
Sc V Jan 22, 1918  
12:00 B50198 7 0 - 2.5

[[10 Columned Table]]

			Curve	Magn.	g	h	PC	Ceun. Magn.	Magn.

1	B	5.9	5.90 00	5.9	7.6	-7	<del>5.9</del>
3	<del>5e</del>	<del>6.3</del>	<del>6.30 00</del>	<del>6.3</del>	<del>8.2</del>	<del>-80</del>	<del>7.40</del>
2	3.3	3.4	6.3	6.30 00	6.3	8.2	-80 7.40
3	4.0	7.1	7.00	7.00	7.1	8.7	-83 7.87
4	5.0	8.7	8.7	8.7	9.8	9.8	8.90
5	5.5	8.7	8.7	8.7	9.3	9.3	8.90
6	6.3	3.68	9.98	9.3	tp	tp	tp
7	6.7	3.73	10.43	F	tp	tp	tp
8	7.4	3.85	11.23		tp	tp	tp
9	7.8	3.91	11.71		tp	tp	tp
10	8.1	3.96	12.06		tp	tp	tp
11	8.1	3.96	12.06		tp	tp	tp
12	8.4	3.97	12.37		tp	tp	tp
13	8.9	3.97	12.87		tp	tp	tp
14	8.9	3.97	12.87		tp	tp	tp
15	9.1	3.97	13.07		tp	tp	tp
16	9.3	3.96	13.26		tp	tp	tp
17	9.8	3.94	13.74		tp	tp	tp

Reduced by means of 123K, 169K, and D6. No correction applied for altitude.

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43

B Series

Jan 22, 1918

Time	B 50198	Curve Mag	g	h	PC	Ceun. Mag	Magn.
1:21	5.9	5.90 00	5.9	7.6	-7	<del>5.9</del>	
2:32	6.3	6.30 00	6.3	8.2	-80	7.40	
3	4.0	7.1	7.00	7.00	7.1	8.7	-83 7.87
4	5.0	8.7	8.7	8.7	9.8	9.8	8.90
5	5.5	8.7	8.7	8.7	9.3	9.3	8.90
6	6.3	3.68	9.98	9.3	tp	tp	tp
7	6.7	3.73	10.43	F	tp	tp	tp
8	7.4	3.85	11.23		tp	tp	tp
9	7.8	3.91	11.71		tp	tp	tp
10	8.1	3.96	12.06		tp	tp	tp
11	8.1	3.96	12.06		tp	tp	tp
12	8.4	3.97	12.37		tp	tp	tp
13	8.9	3.97	12.87		tp	tp	tp
14	8.9	3.97	12.87		tp	tp	tp
15	9.1	3.97	13.07		tp	tp	tp
16	9.3	3.96	13.26		tp	tp	tp
17	9.8	3.94	13.74		tp	tp	tp

Reduced by means of 123K, 169K, and D6. No correction applied for altitude.

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B Series  
See Plot 168  
ScV Jan 22, 1918  
B50199 123K 7 16-15

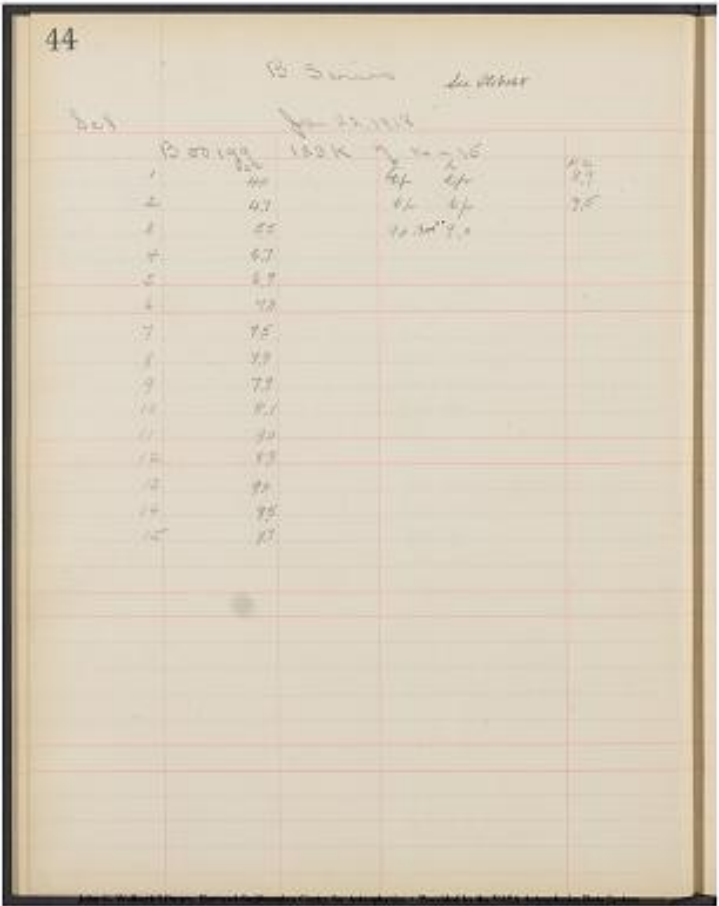
[[5 column table]]

| Sc2|g|h|PC|

|---|---|---|---|

1	4.0	tp	tp	8.9
2	4.7	tp	tp	9.5
3	5.5	9.0	^	[[9.00 00]]9.0
4	6.7			
5	6.9			
6	7.3			
7	7.5			
8	7.9			
9	7.9			
10	8.1			
11	9.0			
12	8.8			
13	9.0			
14	9.5			
15	9.7			

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45

B Series  
Jan 22, 1918  
B50200 missing  
50201 & 2 too poor.  
B50207- C6.

[[13 column table]]

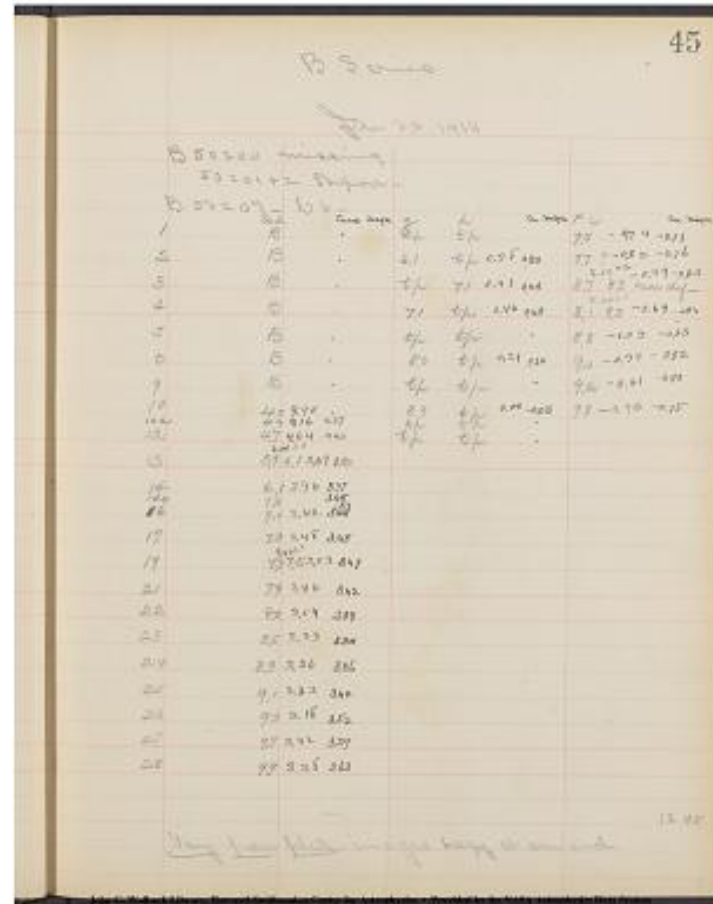
	Sc2	Curve	magn.	g	h	Cu.	magn.	PC	Cu.	magn.
1										

1	B	.	tp	tp		7.5	-0.74	-0.73		
2	B	.	6.1	tp	0.78	0.80		7.7?	-0.82	-0.76
3	B	.	tp	7.1	0.41	0.43		8.7^	[[ 8.50	
2[[ <u>2</u> ]] 8.3 -0.99 near def -0.83										
4	B	.	7.1	tp	0.46	0.43		8.1^	[[ 8.20	[[ <u>8.20</u> ]]
1[[ <u>1</u> ]] 8.3 -0.64   -0.82										
5	B	.	tp	tp		8.8	-1.03	-0.83		
6	B	.	8.0	tp	0.21	0.20		9.0	-0.79	-0.82
9	B	.	tp	tp		9.2	-0.61	-0.80		
10	4.0	4.90	.	8.9	tp	0.00	-0.03		9.8	-0.90   -0.75
10a	4.9	4.16	4.27	tp	tp	.	.	.	.	.
12	4.7	4.64	4.40	tp	tp	.	.	.	.	.
13	5.9^	[[6.00	[[ <u>1</u> ]]	[[ <u>1</u> ]]	6.1	3.69	3.80			
14	6.1	3.96	3.77							
14a	7.3	3.48								
16	7.1	3.42	3.[[ <del>3.42</del> ]]	48	[[ <del>51</del> ]]					
17	7.3	3.48	3.48							
19	7.3^	[[7.40	[[ <u>1</u> ]]	[[ <u>1</u> ]]	7.5	3.53	3.47			
21	7.8	3.46	3.42							
22	8.0	3.54	3.39							
23	8.5	3.33	3.34							
24	8.9	3.26	3.36							
25	9.1	3.23	3.42							
26	9.5	3.18	3.52							
27	9.7	3.42	3.57							
28	9.9	3.38	3.63							

12 45

very poor plate. images hazy at one end.

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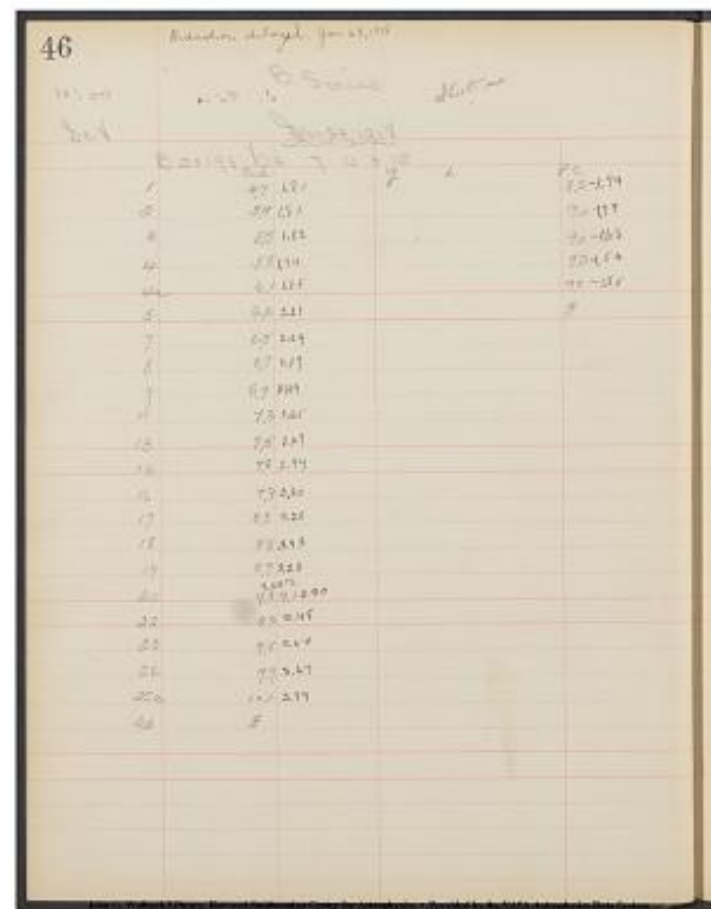
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46  
 Reduction delayed. Jan 28, 1918  
 10:00 B Series Sheet no.  
 Sc V Jan 24, 1918  
 B50196 C4 7 0 + 15

[[7 Columned Table]]  
 | Sc2 | | g | h | PC | |  
 |-----|-----|-----|-----|-----|

1	4.9	1.81			8.5	-1.79
2	5.4	1.81			9.0	-1.79
3	5.5	1.82			9.0	-1.68
4	5.8	1.94			9.3	-1.56
4a	6.1	1.85			9.8	-1.85
5	6.2	2.21			F	
7	6.5	2.24				
8	6.7	2.17				
9	6.9	2.44				
11	7.3	2.65				
13	7.5	2.69				
14	7.8	2.94				
16	7.9	3.20				
17	8.3	3.20				
18	8.5	3.43				
19	8.9	3.22				
20	9.3	1	<u>9.20</u>	<u>1</u>	<u>9.1</u>	<u>3.30</u>
22	9.3	3.48				
23	9.5	3.50				
24	9.9	3.67				
25a	10.0	3.79				
26	F					

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B Series  
See Plot 168  
Sc V Jan 24, 1918  
B50203 D6

[[5 Columned Table]]

Sc2	g	h	PC

1				
2				8.1
3				8.1
4				8.3
5				8.7
6				8.9
7	4.3	7.1	[[7.10 00]]	7.1   8.9
8	tp	tp	tp	9.3 <del>[[strikethrough]]</del> 9.5 <del>[[strikethrough]]</del>
9	5.1	[[5.00 1	[[underlined]] 1[[/underlined]]]]	4.9   tp tp 9.3 <sup>^</sup> [[9.20 1
	[[underlined]]	1[[/underlined]]]]	9.1	
10	5.1	tp	tp	9.9 <sup>^</sup> [[9.70 2
11	5.3	tp	tp	[[underlined]] 2 [[/underlined]]]] 9.5
12	5.3	tp	tp	
13	tp	tp	tp	
14	5.5	tp	tp	
15	5.7	9.0	[[9.00 00]]	9.0
16	5.9	9.0	tp	
17	6.3	tp	tp	
18	6.5	tp	tp	
19	6.8			
20	7.0			
21	7.3			
22	7.5			
23	7.8			
24	7.9			
25	7.8			
26	8.0			
27	8.2			
28	8.5			
29	8.7			
30	8.9			
31	9.0			
32	9.0			
33	9.2			
34	9.3			
35	9.7			
36	10.0			

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Handwritten astronomical data table on aged paper, page 47. The table has 5 columns and 36 rows. It contains numerical data and some handwritten notes. The page is numbered '47' in the top right corner.

Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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48  
 B Series  
 Sc V Jan 24, 1918  
 B 50204 (ST Carinae 10 12-59  
 {Z  
 [[2 column table]]  
Sc 2

[[left margin]] ST [[/left margin]]

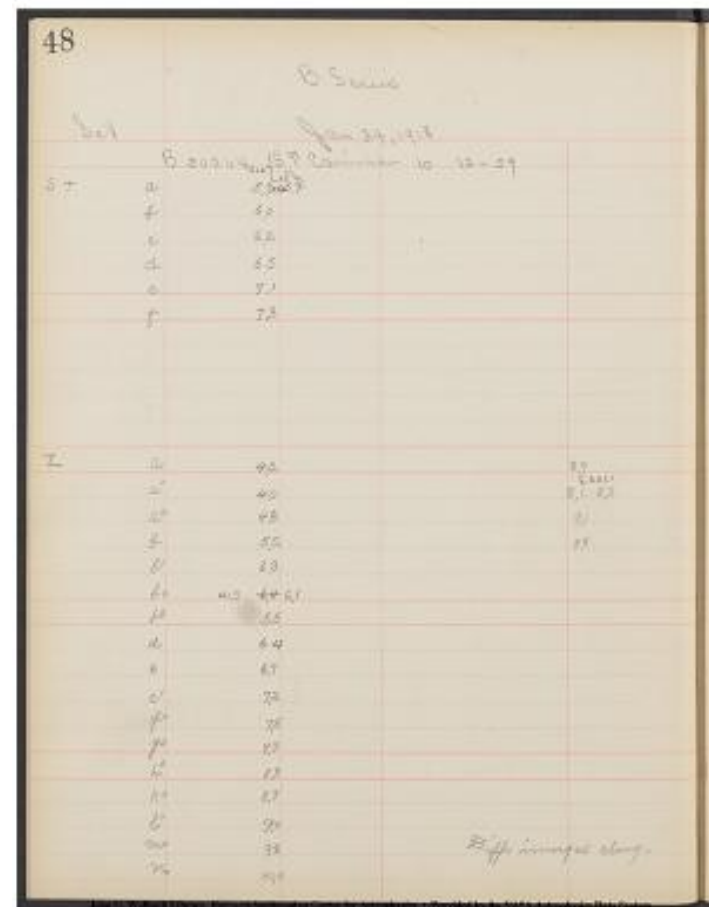
a	5.9 <sup>^</sup> [[5.80 1[[underline]] 1[[/underline]]]] 5.7
b	6.0
c	6.2
d	6.5
e	7.1
f	7.3

[[3 column]]  
 |---|---|---|

[[/left margin]] Zeta [[/left margin]]

a	4.2   8.9
a'	4.0   8.1 <sup>^</sup> [[8.20 11]] 8.3
a <sup>^</sup> [[2]]	4.3   9.1
b	5.2   9.8
b'	6.3
b <sup>^</sup> [[2]]	w.s <del>6.4</del> 6.1
b <sup>^</sup> [[3]]	5.5
d	6.4
e	6.7
e'	7.2
f <sup>o</sup>	7.5
g <sup>o</sup>	7.9
h <sup>o</sup>	8.3
k <sup>o</sup>	8.7
l <sup>o</sup>	9.0
m <sup>o</sup>	9.8
n <sup>o</sup>	10.0

Diff. images along-



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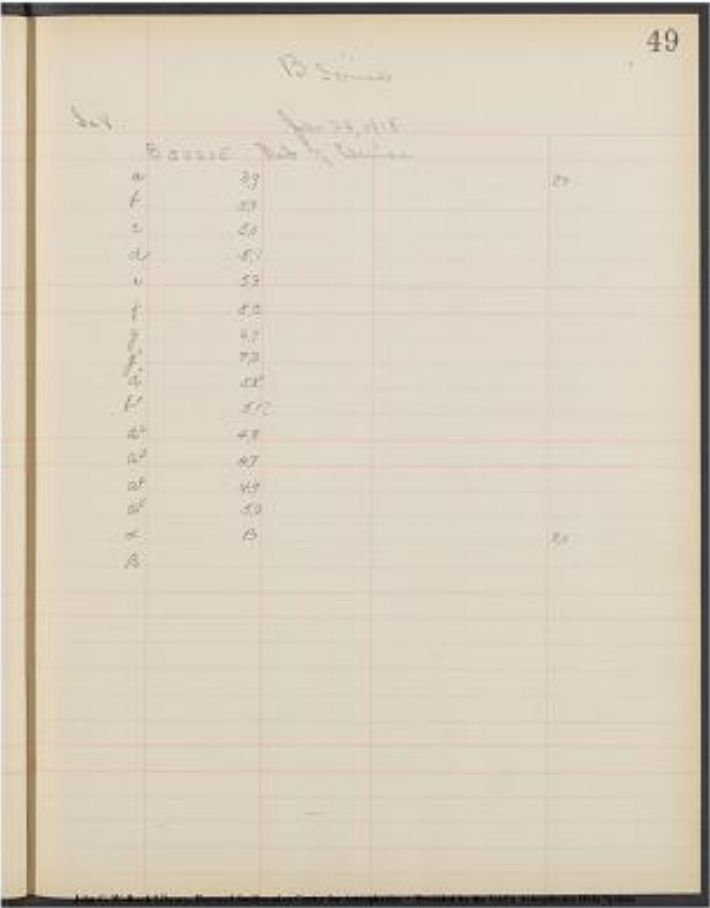
Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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 Extracted Jan-24-2023 10:35:04

B Series  
Sc V Jan 24, 1918  
B50205 Neb N Carinae

[[3 Columned Table]]  
Sc2	

a	3.9	8.0
b	5.0	8.0
c	5.0	
d	5.1	
e	5.3	
f	5.5	
g	6.9	
g <sup>^</sup> [1]	7.3	
a <sup>^</sup> [1]	5.3?	
b <sup>^</sup> [1]	5.1?	
a <sup>^</sup> [2]	4.8	
a <sup>^</sup> [3]	4.7	
a <sup>^</sup> [4]	4.9	
a <sup>^</sup> [5]	5.0	
alpha	B	8.0
beta		

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50  
B series  
ScV Jan 24, 1918  
B50206

[[2 Column Table]]

|---|---|

a	5.2
b	6.3
c	7.1
d	7.3
e	7.5
f	7.9
g	8.1
h	8.7
k	8.9
l	9.3^[[9.40 1]] 9.5
m	9.7
n	9.9
o	F
p	
q	
r	

Poor plate. images not circular.

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51

B Series  
ScV Jan 24, 1918  
B50207 C6

[[5 column table]]

| | | Curve | magn | |

1	B				7.5 - 0. [[ <del>3</del> ]] 74
2	B			Sup?	
3	B			8.3 - 0.79	
4	B			8. [[ <del>9</del> ]] 1 - 0.54	
5	B			8.9 - 1.13	
6	B			9.2 - 0.99	
9	B			9.3 - 0.71	
10	3.9	5.00			9.8 - 0.90
10a	4.7	4.36			
12	4.9	4.44			
13	6.1	3.59			
14	6.1	3.96			
14a	7.3				
16	7.1	3.42			
17	7.1	3.68			
19	7.3	3.63			
21	[[ <del>7.3</del> ]]	0 [[ <del>3.56</del> ]]			7.7 3.56
22	8.0	3.54			
23	8.3	3.53			
24	8.9	3.26			
25	9.1	3.23			
26	9.5	3.18			
27	9.8	3.32			
28	9.9	3.38			

6 Regions in this scr. very poor

12\_

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Handwritten astronomical observation log on page 51 of a notebook. The page is titled "B Series" and "ScV Jan 24, 1918". It contains a table with columns for region number, magnitude, and other data. The table is filled with handwritten entries, some of which are crossed out. The page number "51" is written in the top right corner.

Region	Magnitude	Other Data
1	7.5	0.74
2	8.3	0.79
3	8.9	1.13
4	9.2	0.99
5	9.3	0.71
6	9.8	0.90
9	9.3	0.71
10	3.9	5.00
10a	4.7	4.36
12	4.9	4.44
13	6.1	3.59
14	6.1	3.96
14a	7.3	
16	7.1	3.42
17	7.1	3.68
19	7.3	3.63
21	[[ <del>7.3</del> ]]	0 [[ <del>3.56</del> ]]
22	8.0	3.54
23	8.3	3.53
24	8.9	3.26
25	9.1	3.23
26	9.5	3.18
27	9.8	3.32
28	9.9	3.38

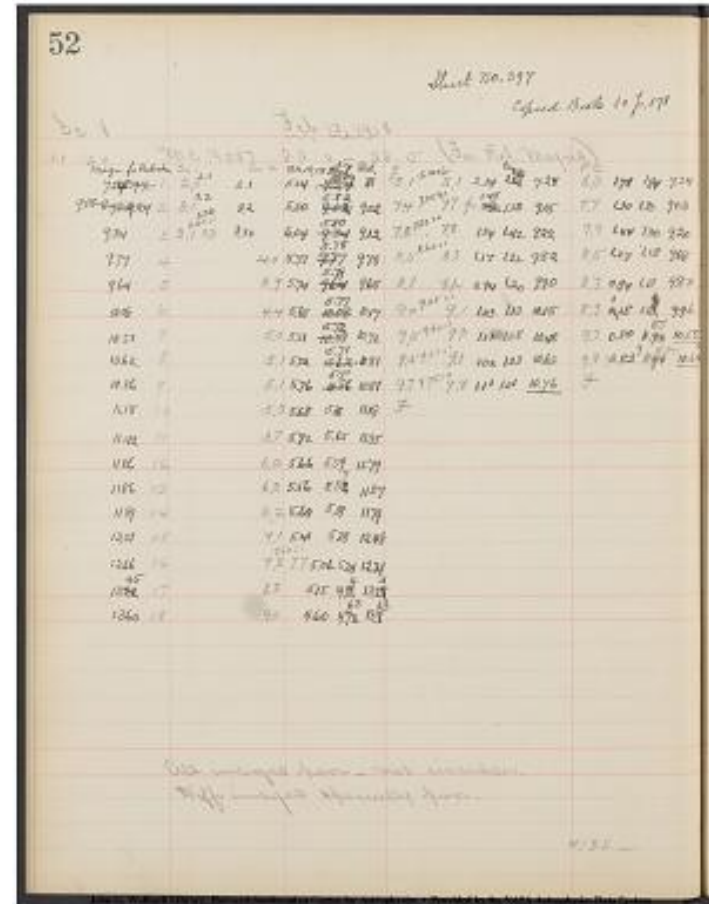
Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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Extracted Jan-24-2023 10:35:04

52  
 Sheet no.397  
 Copied Book 10 p.171  
 Sc V Feb 13, 1918  
 1.1 20 MC 9557 22 0 - 23.5 (For Rel. Magns)

[[16 columned table]]  
 |Magn. for Reduction| |Sc1|Sc2|BK10,171|~~[[Strikethrough]]~~  
 Rel.~~[[Strikethrough]]~~ Cu | Rel. |g |h | | Cu | | PC | | | |  
 |---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| 7.24 ~~[[Strikethrough]]~~ 8.97~~[[Strikethrough]]~~ | 1 | 2.0<sup>^</sup>~~[[2.1]]~~ | 2.1 | 5.14 |  
~~[[Strikethrough]]~~ 7.24 5.64~~[[Strikethrough]]~~ | B | 5.1 5.10<sup>^</sup>~~[[00]]~~ | 5.1 | 2.14  
 2.~~[[Strikethrough]]~~ 20~~[[Strikethrough]]~~ 4 | 7.24 | 5.3 | 1.94 | 1.94 | 7.24 |  
 | 9.00 ~~[[Strikethrough]]~~ 8.98 9.24 ~~[[Strikethrough]]~~ | 2 | 3.1<sup>^</sup>~~[[3.2]]~~ | 3.2 |  
 5.80 | 5.82 ~~[[Strikethrough]]~~ 9.00 ~~[[Strikethrough]]~~ | 9.02 | 7.4  
 7.55<sup>^</sup>~~[[Strikethrough]]~~ 2~~[[Strikethrough]]~~ 1 | 77 p | 1.45 ~~[[Strikethrough]]~~ 3.90  
~~[[Strikethrough]]~~ | 1.50 | 9.05 | 7.7 | 1.30 | 1.33 | 9.03 |  
 | 9.34 | 3 | 3.1<sup>^</sup>~~[[3.20]]~~ 1~~[[Strikethrough]]~~ 1 | 3.30 3.3 | 3.30 |  
 6.04 | 5.80 ~~[[Strikethrough]]~~ 9.34 ~~[[Strikethrough]]~~ | 9.12 | 7.8<sup>^</sup>~~[[7.80 00]]~~  
 | 7.8 | 1.54 | 1.42 | 9.22 | 7.9 | 1.44 | 1.30 | 9.20 |  
 | 9.77 | 4 | | 4.0 | 5.77 | 5.78 ~~[[Strikethrough]]~~ 9.77 ~~[[Strikethrough]]~~ |  
 9.78 | 8.5<sup>^</sup>~~[[Strikethrough]]~~ 8.60 ~~[[Strikethrough]]~~ 1~~[[Strikethrough]]~~ 1 | 8.7 | 1.17 | 1.22 | 9.82  
 | 8.5 | 1.27 | 1.18 | 9.68 |  
 | 9.64 | 5 | | 3.9 | 5.74 | 5.78 ~~[[Strikethrough]]~~ 9.64 ~~[[Strikethrough]]~~ |  
 9.68 | 8.7 | tp | 0.94 | 1.20 | 9.90 | 8.7 0.94 1.13 9.83 |  
 | 10.08 | 6 | | 4.4 | 5.68 | 5.77 ~~[[Strikethrough]]~~ 10.08 ~~[[Strikethrough]]~~ |  
 | 10.17 | 9.0<sup>^</sup>~~[[9.05 01]]~~ | 9.1 | 1.03 | 1.13 | 10.18 | 8.9 | ~~[[Strikethrough]]~~ 0  
~~[[Strikethrough]]~~ | 1.18 | 1.0~~[[Strikethrough]]~~ 8 ~~[[Strikethrough]]~~ 6 | 9.96 |  
 | 10.51 | 7 | | 5.0 | 5.51 | 5.72 ~~[[Strikethrough]]~~ 10.57 ~~[[Strikethrough]]~~ |  
 10.72 | 9.5<sup>^</sup>~~[[Strikethrough]]~~ 9.40 1~~[[Strikethrough]]~~ 1~~[[Strikethrough]]~~ | 9.3 | 1.11 | 1.08 |  
 10.48 | 9.7 | 0.80 | 0.85~~[[Strikethrough]]~~ 93 ~~[[Strikethrough]]~~ | ~~[[Underline]]~~  
 10.55 ~~[[Underline]]~~ |  
 | 10.62 | 8 | | 5.1 | 5.52 | 5.71 ~~[[Strikethrough]]~~ 10.62 ~~[[Strikethrough]]~~ |  
 10.81 | 9.5<sup>^</sup>~~[[Strikethrough]]~~ 9.60 ~~[[Strikethrough]]~~ 1~~[[Strikethrough]]~~ 1 | 9.7 | 1.02 | 1.03 |  
 10.63 | 9.8? | 0.82? | 0.82 ~~[[Strikethrough]]~~ 90 ~~[[Strikethrough]]~~ |  
~~[[Underline]]~~ 10.62~~[[Underline]]~~ |  
 | 10.86 | 9 | | 5.1 | 5.76 | 5.71 ~~[[Strikethrough]]~~ 10.86 ~~[[Strikethrough]]~~ |  
 10.81 | 9.7<sup>^</sup>~~[[Strikethrough]]~~ 9.75 ~~[[Strikethrough]]~~ 1~~[[Strikethrough]]~~ 0 | 9.8 | 1.11 | 1.01 |  
~~[[Underline]]~~ 10.76 ~~[[Underline]]~~ | F | | | | | | | | | | | | | |  
11.18	10		5.5	5.68	5.68	11.18	F									
11.42	11		5.7	5.72	5.65	11.35										
11.86	12		6.2	5.66	5.59	11.79										
11.86	13		6.3	5.56	5.5~~[[Strikethrough]]~~ 2 ~~[[Strikethrough]]~~ 7											
11.87																
11.89	14		6.2	5.69	5.59	11.79										
12.51	15		7.1	5.41	5.38	12.48										
12.66	16		7.5 7.60<sup>^</sup>~~[[Strikethrough]]~~ 1~~[[Strikethrough]]~~ 1	7.7	5.06											
5.24	12.74															
13.~~[[Strikethrough]]~~ 24~~[[Strikethrough]]~~ 45	17		8.3	5.15												
4.9~~[[Strikethrough]]~~ 8~~[[Strikethrough]]~~ 4	13.2~~[[Strikethrough]]~~															
8~~[[Strikethrough]]~~ 4																
13.60	18		9.0	4.60	4.~~[[Strikethrough]]~~ 72 ~~[[Strikethrough]]~~ 63											
 13.~~[[Strikethrough]]~~ 7 ~~[[Strikethrough]]~~ 63 | | | | | | | | | | | | | |

All images poor \_ not circular.  
 Diff. images specially poor.  
 11:35\_



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53

B Series 420  
 Sheet no.99  
 Copied Bk 52:20  
 Scv Feb 13, 1918  
 12:15 B49487 C3

[[ 15 Columned table]]

Sc1	Sc2	curve	magn	g	h	cu	magn	pc	cu	magn
-----	-----	-------	------	---	---	----	------	----	----	------

1	4.2	2.43	2.45	6.65	6.3	elong.	<del>0.93</del>			
<del>2</del>	<del>tp</del>	<del>. . .</del>	<del>q</del>	<del>tp</del>	<del>tp</del>	<del>. . .</del>	<del>q</del>	<del>8.5</del>	<del>-1.56</del>	<del>-1.77</del>
3	4.7	2.52	2.53	7.23	tp	tp	. . .	q	8.8	-1.58
4	5.0	2.45	2.59	7.59	7.3	tp	0.42	0.04	7.34	9.0
5	5.2	2.39	2.63	7.83	7.5	tp	0.09	0.02	7.52	9.3
6	5.1	2.61	2.62	7.72	tp	tp	. . .	q	9.3	-1.59
7	5.5	2.55	2.69	8.19	7.9	tp	0.15	-0.03	7.87	9.7
8	5.5	2.73	2.69	8.19	8.0	tp	0.23	-0.03	7.97	F
9b	5.5	<u>5.60</u>	<u>7.93</u>	<u>1</u>	5.7					
10	5.7	2.99	2.73	8.43	8.7	tp	-0.01	-0.07	8.63	
11	6.1	2.95	2.79	8.89	9.0	tp	0.05	-0.08	8.92	
13	6.4	3.03	2.83	9.23	tp	. . .	q			
14	6.5	3.35	28.4	9.34						
15	7.1	3.04	2.93	10.03						
16	7.3	3.01	2.95	10.25						
19	7.5	3.18	2.97	10.47						
21	7.7	3.35	3.00	10.70						
22	7.9	3.30	3.02	10.92						
23	8.1	3.51	3.04	11.14						
24	8.5	<u>8.60</u>	<u>1</u>	<u>1</u>	8.7	3.22	3.08	11.68		
<del>25a</del>	<del>8.9</del>	<del>3.24</del>	<del>3.10</del>	<del>12.00</del>						
26	8.9	3.24	3.10	12.00						
27	9.3	<u>9.40</u>	<u>1</u>	<u>1</u>	9.5	3.38	3.12	12.52		
28	F	. . .	F							
26a	8.9	3.40	3.10	12.00						

53

B Series 420

Sheet no. 99

Copied Bk 52:20

Scv Feb 13, 1918

12:15 B49487 C3

Sc1	Sc2	curve	magn	g	h	cu	magn	pc	cu	magn
1	4.2	2.43	2.45	6.65	6.3	elong.	<del>0.93</del>			
<del>2</del>	<del>tp</del>	<del>. . .</del>	<del>q</del>	<del>tp</del>	<del>tp</del>	<del>. . .</del>	<del>q</del>	<del>8.5</del>	<del>-1.56</del>	<del>-1.77</del>
3	4.7	2.52	2.53	7.23	tp	tp	. . .	q	8.8	-1.58
4	5.0	2.45	2.59	7.59	7.3	tp	0.42	0.04	7.34	9.0
5	5.2	2.39	2.63	7.83	7.5	tp	0.09	0.02	7.52	9.3
6	5.1	2.61	2.62	7.72	tp	tp	. . .	q	9.3	-1.59
7	5.5	2.55	2.69	8.19	7.9	tp	0.15	-0.03	7.87	9.7
8	5.5	2.73	2.69	8.19	8.0	tp	0.23	-0.03	7.97	F
9b	5.5	<u>5.60</u>	<u>7.93</u>	<u>1</u>	5.7					
10	5.7	2.99	2.73	8.43	8.7	tp	-0.01	-0.07	8.63	
11	6.1	2.95	2.79	8.89	9.0	tp	0.05	-0.08	8.92	
13	6.4	3.03	2.83	9.23	tp	. . .	q			
14	6.5	3.35	28.4	9.34						
15	7.1	3.04	2.93	10.03						
16	7.3	3.01	2.95	10.25						
19	7.5	3.18	2.97	10.47						
21	7.7	3.35	3.00	10.70						
22	7.9	3.30	3.02	10.92						
23	8.1	3.51	3.04	11.14						
24	8.5	<u>8.60</u>	<u>1</u>	<u>1</u>	8.7	3.22	3.08	11.68		
<del>25a</del>	<del>8.9</del>	<del>3.24</del>	<del>3.10</del>	<del>12.00</del>						
26	8.9	3.24	3.10	12.00						
27	9.3	<u>9.40</u>	<u>1</u>	<u>1</u>	9.5	3.38	3.12	12.52		
28	F	. . .	F							
26a	8.9	3.40	3.10	12.00						

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54  
 B Series 420  
 Sc V Feb 13, 1918  
 Copied B 44:122  
 B49488 R Columbae 5 47-29.2 Alt. corr +.06

[[7 columned table]]  
Sc2			g	h	pc

a	6.1	2.78	8.88			
a <sup>[[1]]</sup>	6.3	2.82	9.12			
a <sup>[[2]]</sup>	6.6	2.86	9.46			
c	6.5	2.84	9.34			
c <sup>[[1]]</sup>	7.4	2.96	10.36			
c <sup>[[2]]</sup>	8.1	3.04	11.14			
c <sup>[[3]]</sup>	8.8	3.09	11.89			
e	7.8	3.00	10.80			
e <sup>[[1]]</sup>	9.5	3.13	12.63			
f	8.0 <sup>^</sup>	8.20	1 <sup>[[underlined]]</sup>	1 <sup>[[underlined]]</sup>	8.1	3.05   11.25
h	9.1	3.10	12.20			
h <sup>[[1]]</sup>	F					

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54

B Series 420

Feb 13, 1918

B 44:122

B 49488 R Columbae 5 47-29.2 Alt. corr +.06

a	6.1	2.78	8.88
a <sup>[[1]]</sup>	6.3	2.82	9.12
a <sup>[[2]]</sup>	6.6	2.86	9.46
c	6.5	2.84	9.34
c <sup>[[1]]</sup>	7.4	2.96	10.36
c <sup>[[2]]</sup>	8.1	3.04	11.14
c <sup>[[3]]</sup>	8.8	3.09	11.89
e	7.8	3.00	10.80
e <sup>[[1]]</sup>	9.5	3.13	12.63
f	8.0 <sup>^</sup>	8.20	1 <sup>[[underlined]]</sup>
h	9.1	3.10	12.20
h <sup>[[1]]</sup>	F		

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55

B Series 420  
 Copied B44:124  
 ScV Feb 13, 1918  
 B49489 R Octantis 5 57 - 86 alt. corr -.70

[[9 Columned Table]]

| | Sc2 | | | g | h | PC | | |  
 |---|---|---|---|---|---|

| a | 4.6 | 2.51 | ~~9~~ ~~7.11~~ | tp | tp | 8.9 | -  
 1.79 | 7.11 |  
 | b | 5.3 | 2.65 | 7.95 | elong | elong | 9.8 | -1.77 | 8.03  
8.03  
c	5.4	2.67	8.07					
d	6.1	2.78	8.88					
e	6.5	2.84	9.34					
f	6.7	2.87	9.57					
g	7.0	2.91	9.91					
h	7.3^7.40 1 1	7.5	2.96	10.36				
k	7.5	2.97	10.47					
l	8.1	3.04	11.14					
m	8.5	3.07	11.57					
n	9.0^9.15 2 1	9.3	3.10	12.25				
o	n.s							
o'	n.s							
p	n.s							

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Handwritten table on page 55 of a notebook. The page is titled "B Series 420" and "Feb 2, 1918". The table has columns labeled B, V, R, I, J, H, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. The data is handwritten and includes various numerical values and some text annotations.

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56

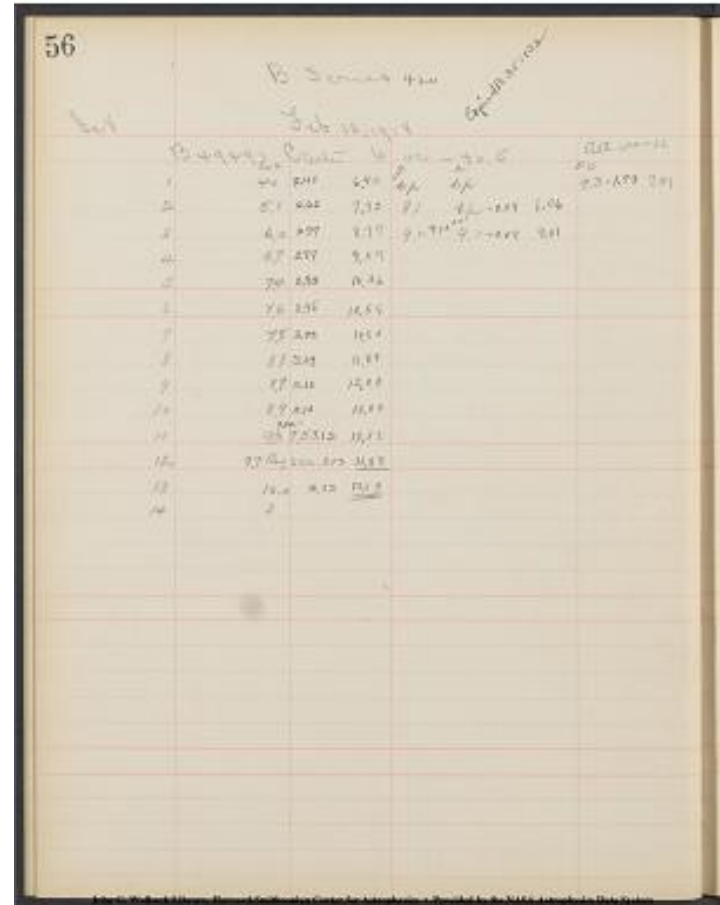
B Series 420  
 Copied B35:132  
 ScV Feb 13, 1918  
 B49491 Carte 6 00 - 40.5 alt. corr +.03

[[11 Columned Table]]

| | Sc2 | | | g | h | | | PC | | |  
 |---|---|---|---|---|---|---|

1	4.0	2.40	6.40	tp	tp		9.3	-1.79	7.51	
2	5.1	2.62	7.72	8.1	tp		-0.04	8.06		
3	6.0	2.77	8.77	9.1	[[9.10 00]]		9.1	-0.09	9.01	
4	6.7	2.87	9.57							
5	7.4	2.96	10.36							
6	7.6	2.98	10.58							
7	7.8	3.00	10.80							
8	8.8	3.09	11.89							
9	8.9	3.10	12.00							
10	8.9	3.10	12.00							
11	9.3	[[9.40	[[underlined]]	1	[[/underlined]]	1]]	9.5	3.12	12.52	
12	9.7	req. scr.	3.13	[[underlined]]	12.83	[[/underlined]]				
13	10.0	3.13	[[underlined]]	13.13	[[/underlined]]					
14	F									

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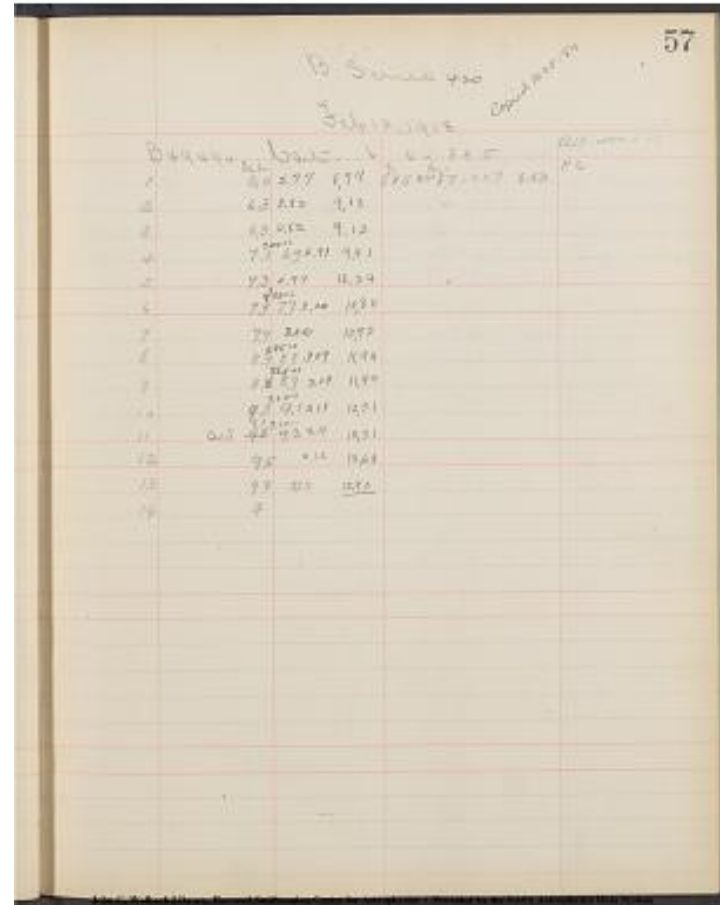
B Series 420  
Copied B35:84  
Feb 13, 1918  
B49490 Carte 6 0 - 23.5 alt. corr +07

[[9 Columned Table]]

| | Sc2 | | | g | h | | | PC |  
|---|---|---|---|---|---|

1	6.0	2.77	8.77	8.5 <sup>^</sup> [[8.60 <u>1</u> ]]	1	8.7	-	0.07	8.53
2	6.3	2.82	9.12						
3	6.3	2.82	9.12						
4	7.1 <sup>^</sup> [[7.00 1 <u>1</u> ]]					6.9	2.91	9.91	
5	7.3	2.97	10.24						
6	7.9 <sup>^</sup> [[7.80 1 <u>1</u> ]]					7.7	3.00	10.80	
7	7.9	3.02	10.92						
8	8.9 <sup>^</sup> [[8.85 10]]	8.8	3.09	11.94					
9	8.8 <sup>^</sup> [[8.85 01]]	8.9	3.09	11.94					
10	9.3 <sup>^</sup> [[9.20 1 <u>1</u> ]]					9.1	3.11	12.31	
11	w.s <del>9.8</del>					9.1 <sup>^</sup> [[9.20 <u>1</u> ]]			
12	9.5	3.12	12.62						
13	9.8	3.13	<u>12.93</u>						
14	F								

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B Series 420  
ScV Feb 13, 1918  
B49492 C4

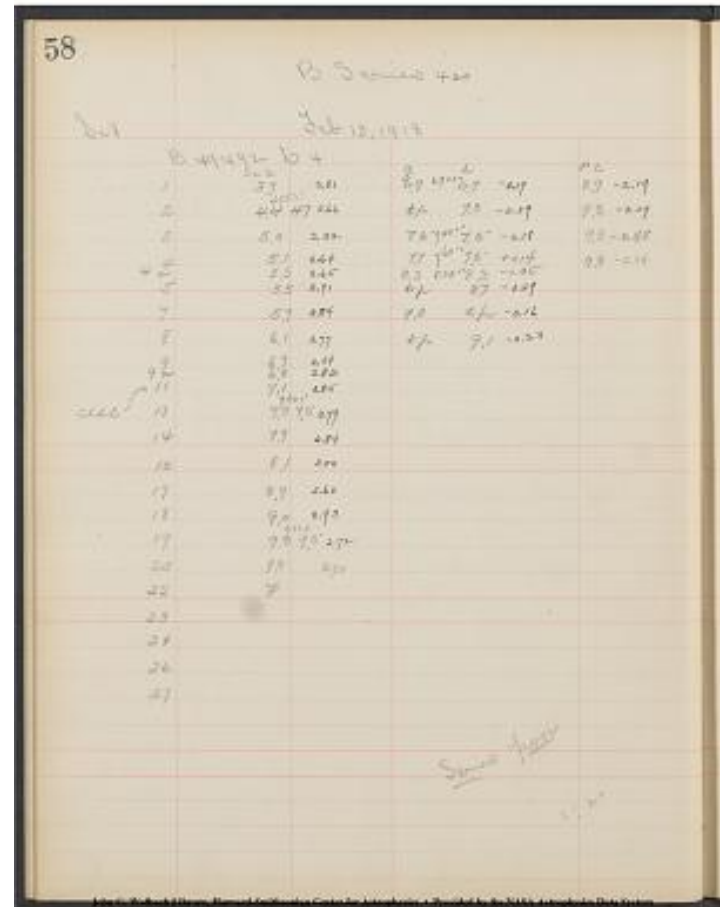
[[8 Columned Table]]

Sc2	g	h	PC

1	3.9	2.81	6.9	6.90 <sup>^</sup> [[00]]	6.9	-0.19	8.9	-2.19
2	4.4 <sup>^</sup> [[4.55 [[underlined]] 2 [[/underlined]] 1]]	4.7	2.66	tp	7.3	-		
	0.09	9.3	-2.09					
3	5.0	2.32	7.5 <sup>^</sup> [[7.50 00]]	7.5	-0.18	9.8	-2.28	
4	5.1	2.64	7.7 <sup>^</sup> [[7.60 1 [[underlined]] 1 [[/underlined]]]]	7.5	+0.14			
	9.8	-2.06						
4a	5.3	2.65	8.3 <sup>^</sup> [[8.30 00]]	8.3	-0.35			
5	5.5	2.91	tp	8.7	-0.29			
7	5.9	2.84	9.0	tp	-0.16			
8	6.1	2.77	tp	9.1	-0.23			
9	6.7	2.64						
9a	6.8	2.82						
	[[left margin]]	dbl	[[left margin]]	11	7.1	2.85		
13	7.3 <sup>^</sup> [[7.40 [[underlined]] 1 [[/underlined]] 1]]	7.5	2.79					
14	7.9	2.84						
16	8.1	3.00						
17	8.9	2.60						
18	9.0	2.93						
19	9.3 <sup>^</sup> [[9.40 [[underlined]] 1 [[/underlined]] 1]]	9.5	2.72					
20	9.8	2.70						
22	F							
23								
24								
26								
27								

[[underlined]] Series poor [[/underlined]]  
1:20

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```
[[14 column table]]
| |Sc2| |Cu.|maq|g|h| |Cu.|maq|PC| |Cu.|maq|. |
|-----|-----|-----|-----|
```

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Extracted Jan-24-2023 10:35:04

B Series 420  
 Copied B45:198  
 ScV Feb 18, 1918  
 B49493 Pole. alt. corr -.92

[[11 Columned Table]]

	Sc2		g	h		PC		
a	4.3	2.59	6.89	<del>6</del>	<del>7.0</del>	tp	-0.17	
b	5.0	2.60	7.60	tp	9.5	-2.23	7.27	
c	5.3	2.60	7.90	7.9	tp	-0.32	7.58	9.8
d	5.6	2.61	8.21	8.0	tp	-0.33	<del>6</del>	
e	5.7	<u>5.80</u>	<u>1</u>	<u>1</u>	5.9	2.62	8.42	tp
f	6.1	2.63	8.73	8.7	tp	-0.43	8.27	
g	6.3	2.65	8.95	9.0	9.05	<u>9.1</u>	-0.46	8.59
h	6.5	2.67	9.17	9.3	<u>9.30</u>	<u>9.3</u>	-0.47	8.83
k	7.1	2.70	9.80	F				
l	7.1	<u>7.20</u>	<u>1</u>	<u>1</u>	2.72	9.92		
m	7.7	2.73	10.43					
n	7.9	2.73	10.63					
o	7.8	2.73	10.53					
p	8.1	2.74	10.84					
q	8.3	2.74	11.04					
r	8.3	2.74	11.04					
s	wr	<del>u</del>	<del>8.1</del>	<del>9.0</del>	2.73	11.73		
t	8.9	<del>8.7</del>	<del>2.73</del>	11.63				
u	9.1	2.72	11.82					
w	9.5	2.69	12.19					
x	9.9?							

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61

B Series 420 Copied B35:12

ScV Feb 18, 1918

B49494 Carte. 7 - 2.5 alt. corr +.06

[[11 Columned Table]]

Sc2	g	h	PC
-----	---	---	----

1	4.8	2.60	7.40	7.1	elong	-0.20	6.90	9.0	-2.18	6.82
2	5.3	2.61	7.91	tp	tp	9.7	-2.24	<u>7.46</u>		
3	<u>5.5</u>	2.62	8.12	tp	tp					
4	6.3	2.66	8.96							
5	7.1	2.71	9.81							
6	7.4	2.72	10.12							
7	7.7	2.73	10.43							
8	8.3	<u>8.40</u>	<u>11.15</u>	1	1	8.5	2.75	11.15		
9	8.9	2.74	11.64							
10	9.4	2.70	12.10							
11	9.7	2.66	<u>12.36</u>							
12	9.9									
13	F									
14										
15										

Diff images too poor- ft stars n.s

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Handwritten table on page 61 of a notebook. The page is titled "B Series 420" and "Feb 18, 1918". The table contains 15 rows of data, with columns for magnitude, position angle, and other measurements. The handwriting is in cursive and somewhat faded. The page number "61" is written in the top right corner.

Star	M	PA	Other
1	4.8	2.60	7.40
2	5.3	2.61	7.91
3	5.5	2.62	8.12
4	6.3	2.66	8.96
5	7.1	2.71	9.81
6	7.4	2.72	10.12
7	7.7	2.73	10.43
8	8.3	8.40	11.15
9	8.9	2.74	11.64
10	9.4	2.70	12.10
11	9.7	2.66	12.36
12	9.9		
13	F		
14			
15			

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62  
 B Series 420  
 Copied B35:60  
 ScV Feb 18, 1918  
 B49495 Carte 7 - 16.5 alt. corr +.07

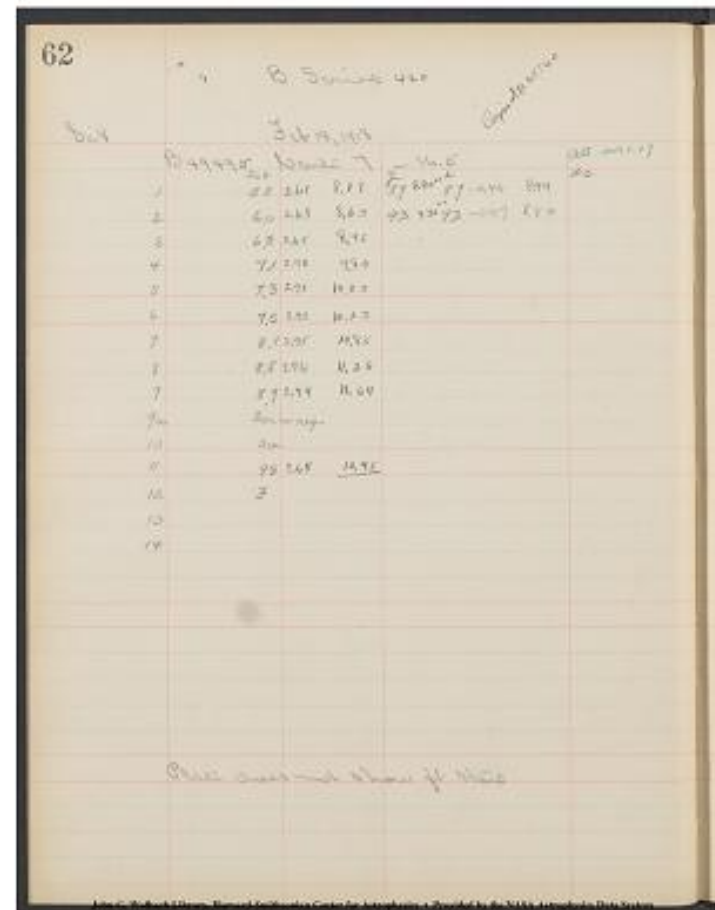
[[9 Columned Table]]

| | Sc2 | | | g | h | | | PC |  
 |---|---|---|---|---|---|---|

1	5.5	2.61	8.11	8.9 <sup>^</sup> [[8.90 00]]	8.9	-0.46	8.44	
2	6.0	2.63	8.63	9.3 <sup>^</sup> [[9.30 00]]	9.3	-0.47	8.83	
3	6.3	2.65	8.95					
4	7.1	2.70	9.80					
5	7.3	2.73	10.03					
6	7.5	2.73	10.23					
7	8.1	2.75	10.85					
8	8.5	2.76	11.26					
9	8.9	2.74	11.64					
9a	Scr. in req-							
10	Scr.							
11	9.8	2.65	[[underlined]]	12.45	[[underlined]]			
12	F							
13								
14								

Plate does not show ft stars

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64  
B Series 420  
Copied B34:16  
Sc V Feb 18, 1918  
B49497 124 K 8 14 - 15 alt. corr +.08

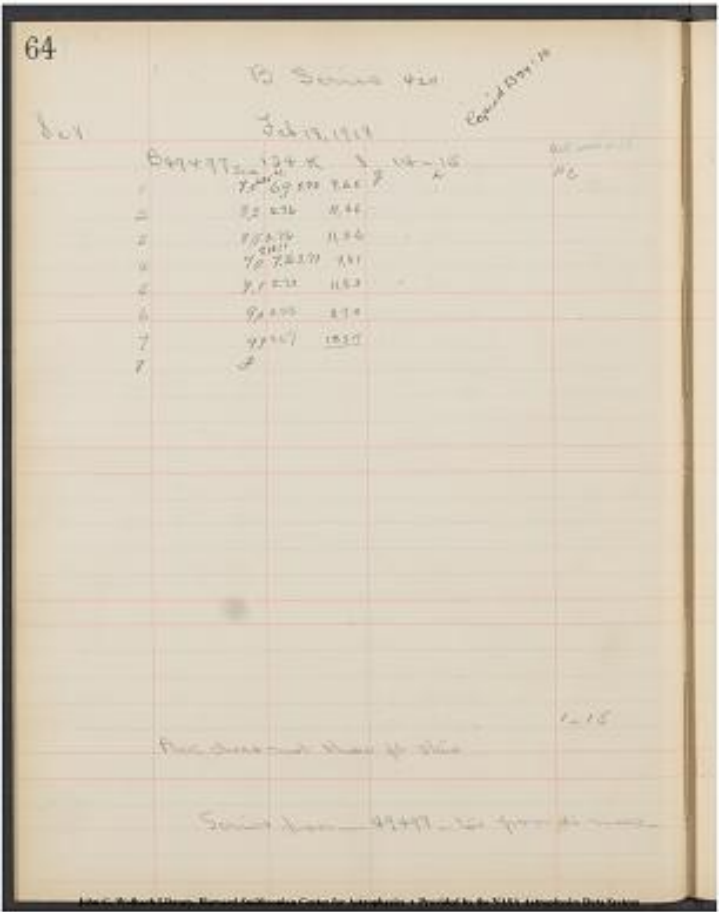
[[7 Columned Table]]  
Sc2			g	h	PC

1	7.0 <sup>^</sup>	[[6.95 0	[[ <u>1</u> ]]	6.9	2.70	9.65			
2	8.5	2.76	11.26						
3	8.5	2.76	11.26						
4	7.0 <sup>^</sup>	[[7.10	[[ <u>1</u> ]]	7.2	2.71	9.81			
5	9.1	2.73	11.83						
6	9.0	2.73	11.73						
7	9.7	2.67	[[ <u>12.37</u> ]]						
8	F								

1\_15

Plate does not show ft stars  
Series poor- 49498- too poor to meas-

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65

Delay, March 4, 1918

B Series 440

Sc V Feb 21, 1918

10:40 B49679 C4

[[8 Columned Table]]

	Sc2	g	h	PC
1	4.2	2.51	6.1	tp   0.61   7.9   -1.19
2	4.9	2.31	tp   tp	8.3   -1.09
3	4.9	[[ <del>2.31</del> ]]	3	[[ <del>2.58</del> ]]   tp   tp     8.5   -1.18
4	5.3	2.44	7.3	tp   0.44   9.0   -1.26
4a	5.5	2.45	tp   tp	9.3   -1.35
5	5.7	2.71	tp   tp	Sup-
7	6.0	2.74	8.3	tp   0.44
8	6.2	2.67	tp   tp	
9	6.3	3.04	8.5	[[ <u>8.60</u> ]] 1 [[ <u>1</u> ]]   8.7   0.74
9a	6.5	3.12		
10	6.7	3.21		
11	6.9	3.05		
13	7.1	3.09		
14	7.5	3.24		
16	7.5	3.60		
17	8.1	3.40		
18	8.4	3.53		
19	8.7	3.42		
20	8.9	3.60		
21b	9.1			
22	9.3	3.48		
23	9.5	3.50		
24	9.9	3.67		
[[ <del>26a</del> ]]	[[ <del>26a</del> ]]	[[ <del>26a</del> ]]	[[ <del>26a</del> ]]	[[ <del>26a</del> ]]
[[ <del>27</del> ]]	[[ <del>27</del> ]]	[[ <del>27</del> ]]	[[ <del>27</del> ]]	[[ <del>27</del> ]]
[[ <del>27a</del> ]]	[[ <del>27a</del> ]]	[[ <del>27a</del> ]]	[[ <del>27a</del> ]]	[[ <del>27a</del> ]]

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Delay, March 4, 1918

B Series 440

Sc V Feb 21, 1918

10:40 B49679 C4

	Sc2	g	h	PC
1	4.2	2.51	6.1	tp   0.61   7.9   -1.19
2	4.9	2.31	tp   tp	8.3   -1.09
3	4.9	[[ <del>2.31</del> ]]	3	[[ <del>2.58</del> ]]   tp   tp     8.5   -1.18
4	5.3	2.44	7.3	tp   0.44   9.0   -1.26
4a	5.5	2.45	tp   tp	9.3   -1.35
5	5.7	2.71	tp   tp	Sup-
7	6.0	2.74	8.3	tp   0.44
8	6.2	2.67	tp   tp	
9	6.3	3.04	8.5	[[ <u>8.60</u> ]] 1 [[ <u>1</u> ]]   8.7   0.74
9a	6.5	3.12		
10	6.7	3.21		
11	6.9	3.05		
13	7.1	3.09		
14	7.5	3.24		
16	7.5	3.60		
17	8.1	3.40		
18	8.4	3.53		
19	8.7	3.42		
20	8.9	3.60		
21b	9.1			
22	9.3	3.48		
23	9.5	3.50		
24	9.9	3.67		
[[ <del>26a</del> ]]	[[ <del>26a</del> ]]	[[ <del>26a</del> ]]	[[ <del>26a</del> ]]	[[ <del>26a</del> ]]
[[ <del>27</del> ]]	[[ <del>27</del> ]]	[[ <del>27</del> ]]	[[ <del>27</del> ]]	[[ <del>27</del> ]]
[[ <del>27a</del> ]]	[[ <del>27a</del> ]]	[[ <del>27a</del> ]]	[[ <del>27a</del> ]]	[[ <del>27a</del> ]]

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B Series 440  
 ScV Feb 21, 1918  
 B49680 Large Mag. Cl'd 5 - 67.5

[[5 Columned Table]]  

Sc2	g	h	PC
-----	---	---	----

[[Left Margin]] Seq 2 [[/Left Margin]] | h | 6.1<sup>[[6.00 0 1]]</sup>  
 5.9 | elong | elong |  
 k | 6.3 | | | |  
 l | 6.7<sup>[[6.80 1]]</sup> 6.9 | | | |  
 m | 7.0 | | | |  
 n | 7.1 | | | |  
 o | ~~6.1~~ 7.3 w.s | | | |  
 p | 7.5 | | | |  
 q | 8.0 | | | |  
 r | 8.0 | | | |  
 s | 8.1 | | | |  
 t | 8.1<sup>[[8.20 1]]</sup> 8.3 | | | |  
 u | 8.8 | | | |  
 v | 8.7 | | | |  
 w | 8.9 | | | |  
 x | 9.4 | | | |  
 y | 9.7 | | | |

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66

B Series 440

Feb 21, 1918

B 49680 Large Mag. Cl'd 5 - 67.5

Seq 2

h	6.1	6.00 0 1
k	6.3	
l	6.7	6.80 1
m	7.0	
n	7.1	
o	7.3	w.s
p	7.5	
q	8.0	
r	8.0	
s	8.1	
t	8.1	8.20 1
u	8.8	
v	8.7	
w	8.9	
x	9.4	
y	9.7	

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B Series 440  
 ScV Feb 21, 1918  
 B49681 Large Cl'd & 21 Ks 5 6 - 69

[[5 Columned Table]]  
Sc2	g	h	PC

[[Left Margin]] Seq 1- [[/Left Margin]] | g | 5.1 | tp | tp | 9.0 |  
h	5.9^[[5.80 1 [[underlined]] 1 [[/underlined]]]] 5.7			
k	6.1			
l	6.5			
m	7.0			
n	7.5			
o	7.7			
p	7.7			
q	8.0			
r	8.3^[[8.40 [[underlined]] 1 [[/underlined]] 1]] 8.5			
s	8.9			
t	9.1			
u	9.3			
v	9.7			
w	9.8			
x	9.9			

Diff images elongated-not comp with scale

Over

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B Series 440  
 Feb. 21, 1918

Star	Magnitude	Other Data
h	5.9	
k	6.1	
l	6.5	
m	7.0	
n	7.5	
o	7.7	
p	7.7	
q	8.0	
r	8.3	
s	8.9	
t	9.1	
u	9.3	
v	9.7	
w	9.8	
x	9.9	

Diff images elongated-not comp with scale

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68  
B Series 440  
Sc V Feb 21, 1918  
B49681 Large Cl'd (cont)

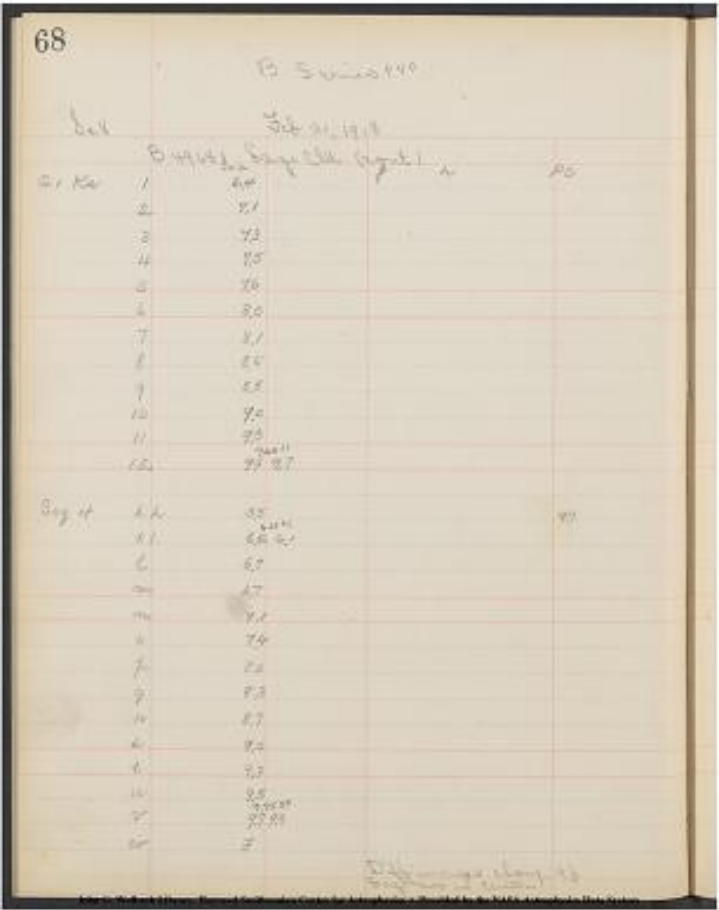
[[5 Column Table]]  
|Sc2[g|h|PC|  
|---|---|---|---|

[[left margin]]21 Ks[[/left margin]] |1|6.4| | | |  
2|7.1| | | | |  
3|7.3| | | | |  
4|7.5| | | | |  
5|7.6| | | | |  
6|8.0| | | | |  
7|8.1| | | | |  
8|8.5| | | | |  
9|8.8| | | | |  
10|9.0| | | | |  
11|9.3| | | | |  
12|9.5^[[9.60 [[underline]]1[[/underline]]1]] 9.7| | | |

[[left margin]]Seq 4[[/large margin]] |hh|5.5| |9.9|  
k1|6.2^[[6.15 0[[underline]] 1[[/underline]]]]6.1| | | |  
l|6.7| | | | |  
m|6.7| | | | |  
n|7.1| | | | |  
o|7.4| | | | |  
p|8.0| | | | |  
q|8.3| | | | |  
r|8.7| | | | |  
s|9.0| | | | |  
t|9.3| | | | |  
u|9.5| | | | |  
v|9.7^[[9.75 [[underline]] 1[[/underline]]0]] 9.8| | | |  
w|F| | | | |

Diff images elong. t.p  
Seq. not in center.

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B Series 440  
ScV Feb 21, 1918  
B49~~682~~ Large Cl'd & 21 Ks (Broken thro' center)

[[5 Columned Table]]

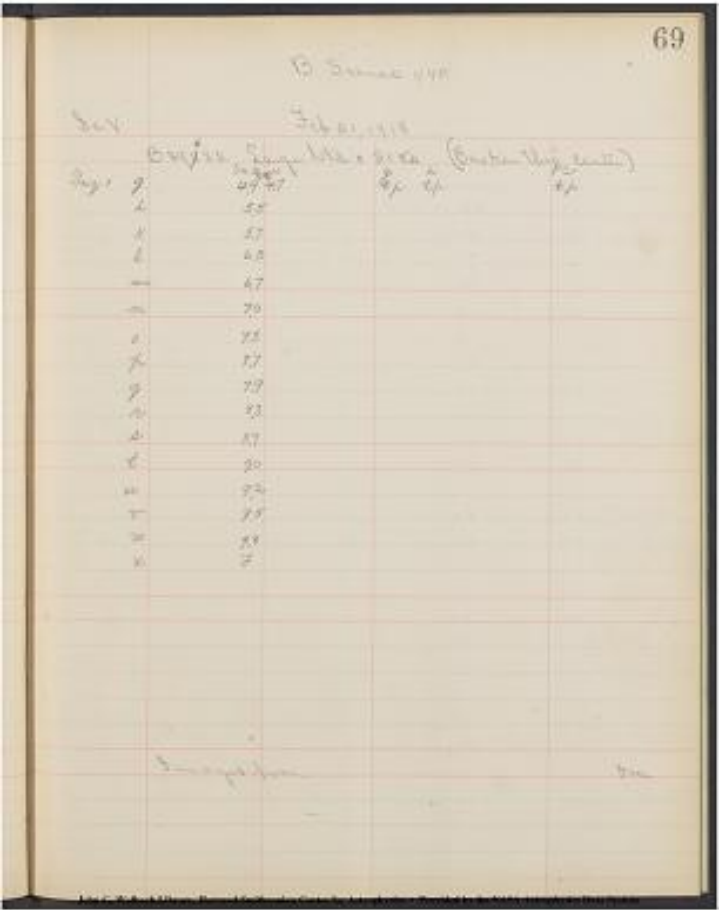
Sc2	g	h	PC
-----	---	---	----

[[left margin]]Seq 1[[/left margin]] | g | 4.9^[[4.80 1 1]]  
[[/underlined]] 4.7 | tp | tp | tp |

h	5.5			
k	5.7			
l	6.3			
m	6.7			
n	7.0			
o	7.3			
p	7.7			
q	7.9			
r	8.3			
s	8.7			
t	9.0			
u	9.2			
v	9.5			
w	9.8			
x	F			

Images poor.  
Over

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B Series 440  
 ScV Feb 21, 1918  
 B49682 (cont)

[[5 Columned Table]]  
Sc2	g	h	PC

[[left margin]]21 Ks[[/left margin]] | 1 | 6.4^[[6.35 0 [[underlined]] 1  
 [[/underlined]]]] 6.3 | | |

2	6.8			
3	7.1			
4	7.5			
5	7.7			
6	7.7			
7	7.9			
8	8.3			
9	8.8			
10	9.0			
11	9.3			
12	9.7			

[[left margin]]Seq 4[[/left margin]] | h | 5.4 | | |

k	6.2			
l	6.5			
m	6.9			
n	7.2			
o	7.5			
p	8.0			
q	8.2			

r | 8.8^[[8.75 0 [[underlined]] 1 [[/underlined]]]] 8.7 | | |  
 s | on edge of break | | |

[[left margin]]too near break to meas. [[/left margin]] | t | 9.1 | | |

[[left margin]]too near break to meas. [[/left margin]] | u | | | |

[[left margin]]too near break to meas. [[/left margin]] | v | | | |

[[left margin]]too near break to meas. [[/left margin]] | w | | | |

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B Series 440

Feb 21, 1918

Time	Magnitude	Color	Remarks
1	6.8		
2	7.1		
3	7.5		
4	7.7		
5	7.7		
6	7.9		
7	8.3		
8	8.8		
9	9.0		
10	9.3		
11	9.7		

Time	Magnitude	Color	Remarks
12	6.2		
13	6.5		
14	6.9		
15	7.2		
16	7.5		
17	8.0		
18	8.2		
19	8.8		
20	8.75		
21	8.7		
22	9.1		
23	9.1		
24	9.1		
25	9.1		
26	9.1		
27	9.1		
28	9.1		
29	9.1		
30	9.1		
31	9.1		
32	9.1		
33	9.1		
34	9.1		
35	9.1		
36	9.1		
37	9.1		
38	9.1		
39	9.1		
40	9.1		
41	9.1		
42	9.1		
43	9.1		
44	9.1		
45	9.1		
46	9.1		
47	9.1		
48	9.1		
49	9.1		
50	9.1		
51	9.1		
52	9.1		
53	9.1		
54	9.1		
55	9.1		
56	9.1		
57	9.1		
58	9.1		
59	9.1		
60	9.1		
61	9.1		
62	9.1		
63	9.1		
64	9.1		
65	9.1		
66	9.1		
67	9.1		
68	9.1		
69	9.1		
70	9.1		
71	9.1		
72	9.1		
73	9.1		
74	9.1		
75	9.1		
76	9.1		
77	9.1		
78	9.1		
79	9.1		
80	9.1		
81	9.1		
82	9.1		
83	9.1		
84	9.1		
85	9.1		
86	9.1		
87	9.1		
88	9.1		
89	9.1		
90	9.1		
91	9.1		
92	9.1		
93	9.1		
94	9.1		
95	9.1		
96	9.1		
97	9.1		
98	9.1		
99	9.1		
100	9.1		

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[[5 Column Table]]
	Sc2	g	h	PC

Seq 1	g	5.3	el	el	9.5	
h	5.7	8.7	<sup>^</sup>	[8.60	<sup>^</sup>	[ 1[[ <u>underlined</u> ]]1[[ <u>underlined</u> ]]]]]] 8.5
k	6.1	tp	tp			
l	6.5					
m	6.9					
n	7.3					
o	7.7					
p	7.8					
q	8.0					
r	8.2					
s	8.9					
t	9.1					
u	9.4					
v	9.8					
w	9.9					
x	F					

21	Ks 1	6.2			
2	6.5				
3	7.0				
4	7.5				
5	7.6				
6	7.7				
7	7.9				
8	8.4				
9	8.9				
10	9.1				
11	9.3				
12	9.5				

[illegible]

Smithsonian Institution Transcription Center, Harvard-Smithsonian Center for Astrophysics

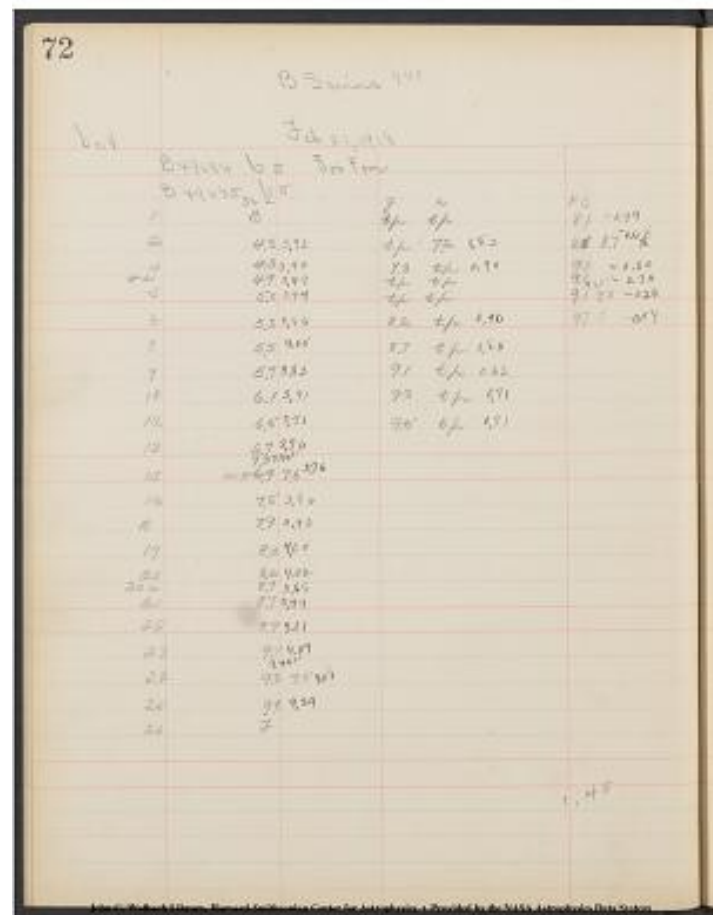
72  
 B Series 440  
 ScV Feb 21, 1918  
 B49684 C5 Too Poor  
 B49685 C5

[[8 columned table]]  
 | sc2 | g|h | pc | |  
 |---|---|---|---|

[1]B | tp|tp | 8.1|-0.94|  
 2|4.3|3.72|tp|7.2|0.82|8.8 8.7|~~2~~ ~~2~~|-0.68|  
 4|4.3|3.90|7.3|tp|0.90|9.0|-0.80|  
 4a|4.9|3.47|tp|tp | 9.1|-0.75|  
 5|5.0|3.94|tp|tp | 9.1^|[9.20 1] 1] 9.3|-0.26|  
 6|5.3|3.86|8.2|tp|0.96|9.7?|0.54|  
 8|5.5|4.05|8.7|tp|0.85 | |  
 9|5.9|3.82|9.1|tp|0.62 | |  
 10|6.1|3.91|9.3|tp|0.71 | |  
 12|6.5|3.71|9.5|tp|0.71 | |  
 13|6.7|3.76 | | | | |  
 15|w.s ~~6.9~~ ~~7.3~~^|[7.40 1] 1]  
7.5 |3.76| | | | |  
 16|7.5|3.86 | | | | |  
 18|7.9|3.92 | | | | |  
 19|8.0|4.05 | | | | |  
 20|8.2|4.02 | | | | |  
 20a|8.7|3.68 | | | | |  
 21|8.7|3.99 | | | | |  
 22|8.9|4.11 | | | | |  
 23|9.1|4.09 | | | | |  
 24|9.3^|[9.40 1] 1] 9.5| 4.08| | | |  
 25|9.8|4.29 | | | | |  
 26|F | | | | |

1:45

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11:00 B Series 4 ~~4~~ ~~99~~  
 (2<sup>2</sup> ~~nd~~ ~~half~~)

ScN Sheet no 105 Feb  
 27, 1918 Copied B45:198

B50344 Pole. alt corr -.93

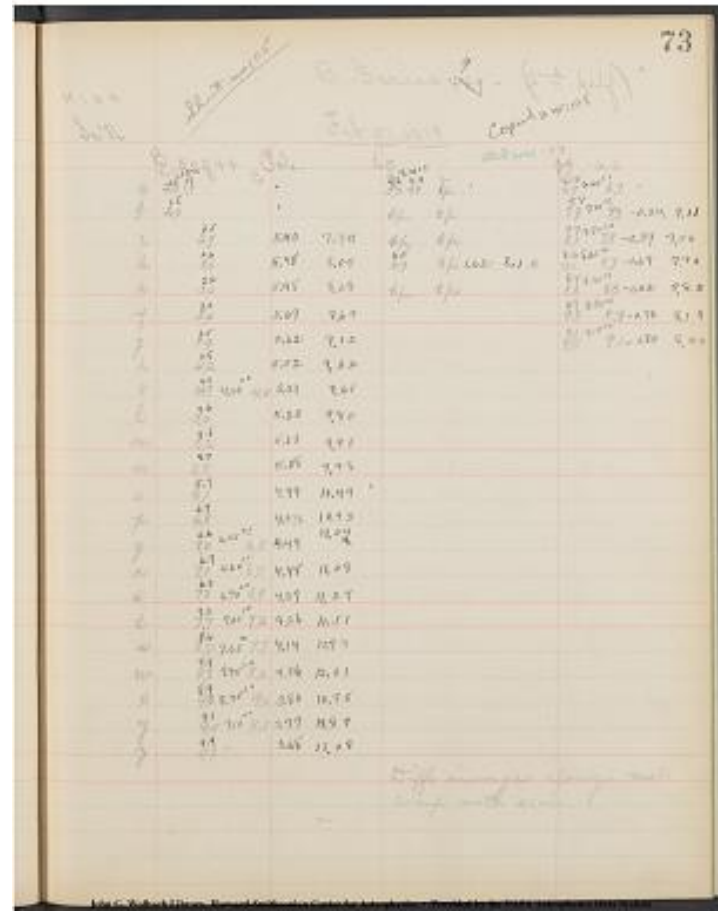
[[14 column table]]

scA	B	C	g	h	PC <sup>ScB</sup>	ScC

a	2.0	1.8	1.9	17	1.75 <sup>1</sup>	1	5.0
4.6	4.8	4.4	4.50 <sup>1</sup>	1	6.9	6.5	
6.60 <sup>1</sup>	1	6.7					
b	2.0	1.8		tp	7.8	7.4	7.35 <sup>0</sup>
1	7.3	-0.24	7.11				
c	2.9	2.5	5.40	7.90	tp	8.1	7.7
1	7.8	-0.39	7.36				
d	3.0	2.6	5.48	8.08	6.9	6.5	tp
8.65 <sup>01</sup>	8.7	-0.69	7.96				
e	3.0	2.6	5.48	8.08	tp	8.8	8.4
0.62	7.83						
f	3.4	3.0	5.69	8.69		9.3	8.9
8.14							
g	3.9	3.5	5.62	9.12		9.5	9.1
8.30							
h	4.2	3.8	5.52	9.32			
k	4.7	4.3	4.30 <sup>00</sup>	4.3	5.31	9.61	
l	5.0	4.6	5.20	9.80			
m	5.2	4.8	5.11	9.91			
n	5.3	4.9	5.08	9.98			
o	6.1	5.7	4.79	10.49			
p	6.8	6.4	4.53	10.93			
q	7.0	6.6	6.55 <sup>0</sup>	1	6.5	4.49	
11.0 <del>9</del>							
r	7.1	6.7	6.60 <sup>1</sup>	1	6.5	4.48	11.08
s	7.3	6.9	6.90 <sup>00</sup>	6.9	4.37	11.27	
t	7.7	7.3	7.25 <sup>10</sup>	7.2	4.26	11.51	
u	8.0	7.6	7.65 <sup>01</sup>	7.7	4.14	11.79	
w	8.3	7.9	7.95 <sup>1</sup>	1	8.0	4.06	12.01
x	9.3	8.9	8.95 <sup>1</sup>	1	9.0	3.80	12.75
y	9.5	9.1	9.10 <sup>00</sup>	9.1	3.77	12.87	
z	9.8	9.4	3.68	13.08			

Diff images elong- not comp. with scale.

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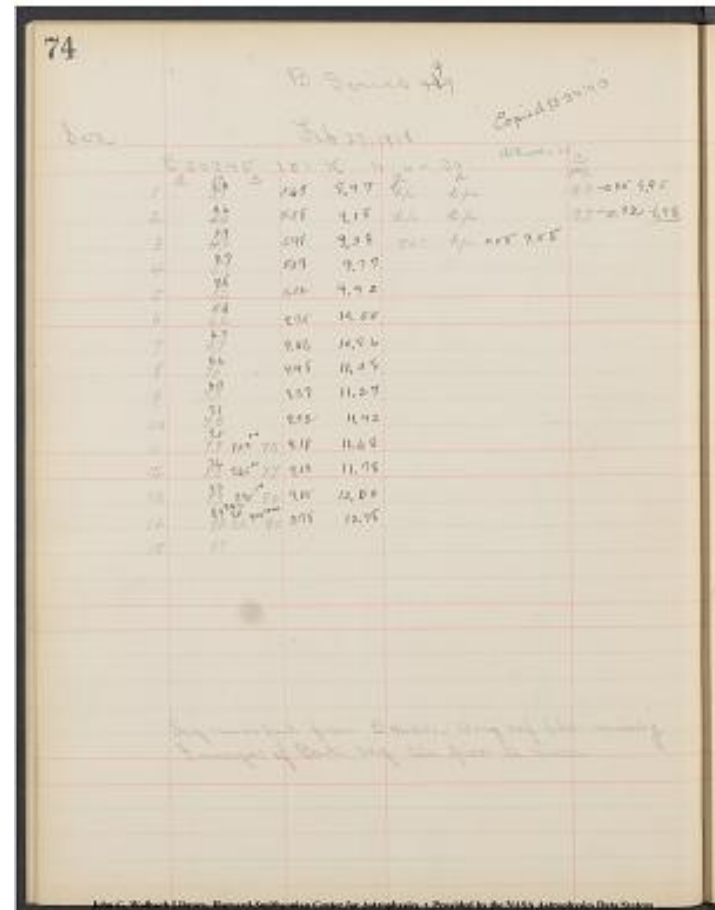
Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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74  
 B Series 4 ~~4~~99  
 Copied B34:43  
 ScN Feb 27, 1918  
 B50345 151 K 11 u - 30 alt. corr.+0.5

[[12 column table]]

A	B	C	g	h	PC
---	---	---	---	---	----

1	3.7 <sup>^</sup> [3.3]	5.67	8.97	tp	tp	9.3-0.85	8.45
2	4.0 <sup>^</sup> [3.6]	5.58	9.18	tp	tp	9.7-0.92	
	<u>8.78</u>						
3	4.3 <sup>^</sup> [3.9]	5.48	9.38	90	tp	0.58	9.58
4	5.1 <sup>^</sup> [4.7]	5.07	9.77				
5	5.2 <sup>^</sup> [4.8]	5.12	9.92				
6	6.2 <sup>^</sup> [5.8]	4.75	10.55				
7	6.7 <sup>^</sup> [6.3]	4.56	10.86				
8	7.0 <sup>^</sup> [6.6]	4.48	11.08				
9	7.3 <sup>^</sup> [6.9]	4.37	11.27				
10	7.5 <sup>^</sup> [7.1]	4.32	11.42				
11	7.9 <sup>^</sup> [7.5 7.50 00]	7.5	4.18	11.68			
12	8.0 <sup>^</sup> [7.6 7.65 01]	7.7	4.13	11.78			
13	8.3 <sup>^</sup> [7.9 7.95 <u>1</u> ]	<u>1</u>	<u>0</u>	8.0	4.05	12.00	
14	9.3 <sup>^</sup> [8.9 9.00 <u>1</u> ]	<u>1</u>	<u>1</u>	9.5 <sup>^</sup> [9.1 9.00 <sup>^</sup> 00]			
15	9.0	3.78	12.78				
	F?						



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75

B Series 4~~4~~99  
Sc R Feb 27, 1918 Copied B34:109  
alt. corr -10  
B 50346 RS Carinae & 30 Ks 11 2 -61.4

[[10 columned table]]

a	B	C	g	h	pc

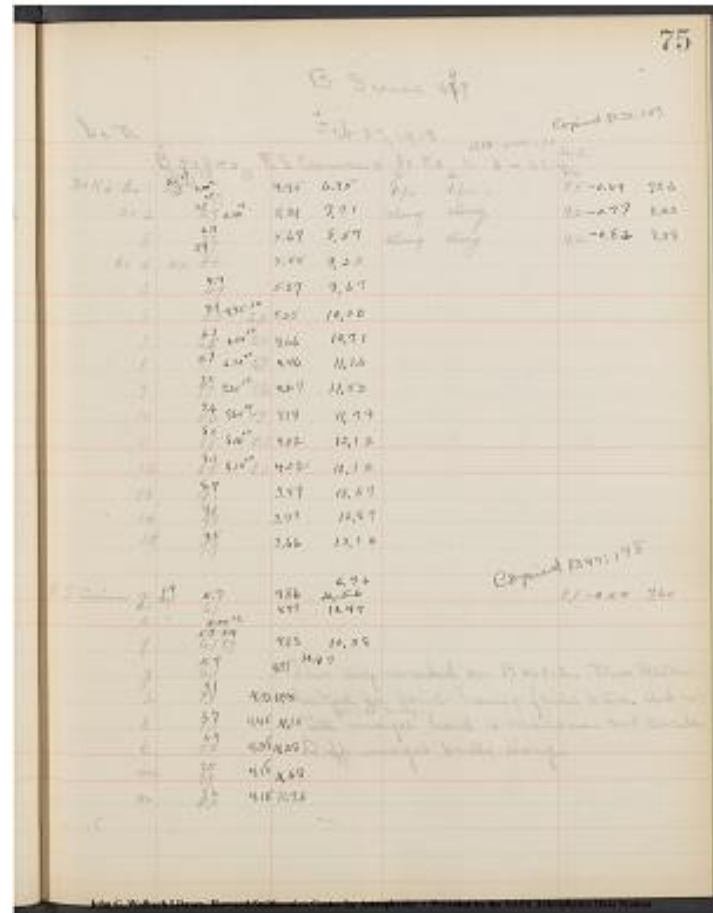
30 Ks b=1|2.~~1~~3<sup>^</sup>[[2.1 1.9 2.1 1.9 2.00]]  
| 4.95|6.95|tp|8.5-0.64|7.86|  
c=2| 2.9<sup>^</sup>[[2.5 2.3 2.7 2.40 1 |  
5.3|7.71|elong|9.0-0.77|8.23|  
3| 3.3<sup>^</sup>[[2.9]] |5.67|8.57|elong|9.2-0.82|8.38|  
d=4|w.s|~~5.1~~4.1<sup>^</sup>[[3.7]] |5.55|9.25| |  
|  
5| 4.9<sup>^</sup>[[4.4]] |5.27|9.67| | | |  
6| 5.3<sup>^</sup>[[4.9]]4.95<sup>^</sup>[[5.0]]5.0|5.05|10.00| | |  
|  
7| 6.5<sup>^</sup>[[6.1]] 6.05<sup>^</sup>[[10]]6.0|4.66|10.71| | | |  
8| 7.1<sup>^</sup>[[6.7]] 6.70<sup>^</sup>[[00]]6.7|4.46|11.16| | | |  
9| 7.7<sup>^</sup>[[7.3]] 7.25<sup>^</sup>[[10]]7.2|4.27|11.52| | | |  
10| 8.0<sup>^</sup>[[7.6]]7.65<sup>^</sup>[[01]]7.7|4.14|11.79| | | |  
11| 8.5<sup>^</sup>[[8.1]] 8.10<sup>^</sup>[[00]]8.1|4.02|12.12| | | |  
12| 8.5<sup>^</sup>[[8.1]] 8.10<sup>^</sup>[[00]]8.1|4.02|12.12| | | |  
13| 9.1<sup>^</sup>[[8.7]] |3.87|12.57| | | |  
14| 9.5<sup>^</sup>[[9.1]] |3.77|13.16| | | |  
15| 9.9<sup>^</sup>[[9.5]] |3.66|13.16| | | |  
RS Carinae a|2.1<sup>^</sup>[[1.9]]5.7|  
4.86|~~10.56~~6.76| | |81-0.50|7.60|  
d| 6.1| 4.77|10.47| | | |  
e|?|5.55<sup>^</sup>[[12]]| | | | |  
f| 6.1<sup>^</sup>[[5.7]] 5.9<sup>^</sup>[[5.4]] |4.83|10.38| | | |  
g| 6.1<sup>^</sup>[[15.7]] |4.77|10.47| | | |  
h| 7.5<sup>^</sup>[[7.1]] |4.32|11.42| | | |  
k| 7.1<sup>^</sup>[[6.7]] |4.45|11.15| | | |  
l| 7.3<sup>^</sup>[[6.9]] |4.38|11.28| | | |  
m| 7.9<sup>^</sup>[[7.5]] |4.18|11.68| | | |  
n| 8.0<sup>^</sup>[[7.6]] |4.15|11.75| | | |

[[right margin]] Copied B44:198

This seq. marked on B46812. Miss Walker looked for print having fainter stars. did not find any.

All images hard to measure. not circular  
Diff images badly elong. [[/right margin]]

[[left margin]] 12 15 [[/left margin]]



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76

B Series 4~~4~~99

Ser Feb 27, 1918

B 50347 C 6

[[13 columned table]]

a	b	c	cu. magn	g <sup>[[ScB]]</sup>	h	cu. magn	pc <sup>[[Sc C]]</sup>	cu. magn
1	2.1 <sup>[[1.9]]</sup>			4.86	5.00	6.0 <sup>[[5.6]]</sup>	tp	1.16   1.92   6.8   -0.04   -0.08
2	tp			tp	tp	6.9	-0.02	-0.13
3	2.3 <sup>[[2.5]]</sup>			5.21	5.19	tp	6.0 <sup>[[5.6]]</sup>	1.91   1.92   Sup?
4	2.5 <sup>[[2.3]]</sup>			5.26	5.19	6.1 <sup>[[5.7]]</sup>	tp	1.86   1.90   8.5 <sup>[[8.40</sup>
5	2.9 <sup>[[2.5]]</sup>			5.27	5.28	6.3 <sup>[[5.9]]</sup>	tp	1.87   1.86   8.7   -0.93   -0.71
6	3.0 <sup>[[2.6]]</sup>			5.61	5.32	7.0 <sup>[[6.6]]</sup>	6.50 <sup>[[1</sup>	[[underlined]] 1
7	[[underlined]] 1			[[underlined]] 8.5	-0.84	-0.61		
8	[[underlined]] 1			[[underlined]] 6.8 <sup>[[6.4]]</sup>	tp	1.71   1.72   8.7 <sup>[[8.80</sup>	[[underlined]] 1	
9	3.3 <sup>[[2.9]]</sup>			5.69	5.43	7.9 <sup>[[7.5]]</sup>	7.50	
10	7.9 <sup>[[7.5]]</sup>			1.09	1.44	9.5	-0.91	-0.94
10a	3.5 <sup>[[3.1]]</sup>			5.96	5.49	8.3 <sup>[[7.9</sup>	8.00 <sup>[[[[underlined]] 1</sup>	
11	[[underlined]] 1			[[underlined]] 8.5 <sup>[[8.1]]</sup>	1.06	1.29	9.8	?   -0.7
12	[[strikethrough]] 6			[[strikethrough]] 4				
13	[[strikethrough]] a			[[strikethrough]] 3.8 <sup>[[3.4]]</sup>	5.50	5.50	tp	tp
14	9.8			?   -0.90				
15	4.1 <sup>[[3.7]]</sup>			4.3 <sup>[[3.9]]</sup>	3.80 <sup>[[[[underlined]] 1</sup>	[[underlined]] 1	5.54	5.44   8.9
16	[[8.5]]			tp	0.84	1.11		
17	5.0 <sup>[[[[strikethrough]] 5</sup>			[[strikethrough]] 4.6]]				
18	5.09			5.20	9.5 <sup>[[9.1]]</sup>	0.59	0.88	
19	5.5 <sup>[[5.1]]</sup>			4.96	5.01			
20	6.9 <sup>[[6.5]]</sup>							
21	6.2 <sup>[[5.8]]</sup>			4.72	4.50			
22	6.5 <sup>[[6.1]]</sup>			4.68	4.56			
23	6.9 <sup>[[6.]]</sup>			[[strikethrough]] 4	[[strikethrough]] 5	4.43	4.50	
24	7.4 <sup>[[7.0]]</sup>			4.26	4.36			
25	7.8 <sup>[[7.4]]</sup>			4.14	4.26			
26	7.9 <sup>[[7.5]]</sup>							
27	8.1 <sup>[[7.7]]</sup>			7.60 <sup>[[[[underlined]] 1</sup>	[[underlined]] 1	4.23	4.21	
28	8.7 <sup>[[8.3]]</sup>			3.86	4.04			
29	8.9 <sup>[[8.5]]</sup>			3.83	4.00			
30	9.0 <sup>[[8.6]]</sup>			4.08	3.99			
31	9.0 <sup>[[8.6]]</sup>			8.85 <sup>[[23]]</sup>	9.14	2.7	3.91	
32	9.8 <sup>[[9.4]]</sup>			9.45 <sup>[[01]]</sup>	9.5	3.83	3.76	
33	[[strikethrough]] 9			[[strikethrough]] 9.9	3.38	3.67		

1.00

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B series 44<sup>9</sup>

S@N Mch 1, 1918 Copied B 34:16

[5 column table]

| B50338|124K 8|14-15|alt.corr+.03|

| B C | g h|pc|

1| 4.0<sup>3.6</sup>| 5.49 9.09|tf tf| |

2| 5.4<sup>5.0</sup>| 10.06| | |

3| 5.7<sup>5.3</sup>| 4.95 10.25| | |

4| 4.3<sup>3.9</sup>| 5.40 9.30| | |

5| 7.0<sup>6.6</sup>| 4.47 11.07| | |

Reject 6| 7.3<sup>6.9</sup>| 7.1<sup>6.7</sup>| 6.80<sup>6.7</sup>| 4.42 11.22| | |

~~Reject 7~~| ~~7.3<sup>6.9</sup>~~| ~~4.38 11.28~~| | |

8| 8.1<sup>7.7</sup>| 4.19 11.28| | |

9| 8.7<sup>8.3</sup>| 8.30<sup>2</sup>| 8.3| 4.04 12.34| | 9.0<sup>8.6</sup>|

10| 9.0<sup>8.6</sup>| 8.65<sup>8.1</sup>| 8.7| 3.97 12.62| | |

11| 9.0<sup>8.6</sup>| 8.70<sup>8.1</sup>| 8.8| 3.95 12.65| | |

12| 9.2| 3.81 13.01| | |

13| 9.7| 3.70 | 13.40| | |

14| F | | |

Star ~~7~~ 6. Plate examined Dec 21, 1918.  
Evidently some mistake in measurements, as star 7 is much fainter than  
Star 6 and nearly as faint as Star 8. Star 6 is much brighter than Star 5.  
Reject measure H.S.L Dec. 21, 1918  
Images slightly ~~doing~~

78

B Series 44<sup>9</sup>

S@N Mch 1, 1918

Copied B 34:16

[5 column table]

| B50338|124K 8|14-15|alt.corr+.03|

| B C | g h|pc|

1| 4.0<sup>3.6</sup>| 5.49 9.09|tf tf| |

2| 5.4<sup>5.0</sup>| 10.06| | |

3| 5.7<sup>5.3</sup>| 4.95 10.25| | |

4| 4.3<sup>3.9</sup>| 5.40 9.30| | |

5| 7.0<sup>6.6</sup>| 4.47 11.07| | |

Reject 6| 7.3<sup>6.9</sup>| 7.1<sup>6.7</sup>| 6.80<sup>6.7</sup>| 4.42 11.22| | |

~~Reject 7~~| ~~7.3<sup>6.9</sup>~~| ~~4.38 11.28~~| | |

8| 8.1<sup>7.7</sup>| 4.19 11.28| | |

9| 8.7<sup>8.3</sup>| 8.30<sup>2</sup>| 8.3| 4.04 12.34| | 9.0<sup>8.6</sup>|

10| 9.0<sup>8.6</sup>| 8.65<sup>8.1</sup>| 8.7| 3.97 12.62| | |

11| 9.0<sup>8.6</sup>| 8.70<sup>8.1</sup>| 8.8| 3.95 12.65| | |

12| 9.2| 3.81 13.01| | |

13| 9.7| 3.70 | 13.40| | |

14| F | | |

Star 6. Plate examined Dec. 21, 1918. Evidently some  
mistake in measurements, as star 7 is much fainter  
than star 6 and nearly as faint as star 8. Star 6  
is much brighter than star 5.  
Reject measure H.S.L Dec. 21, 1918  
Images slightly doing

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B Series ~~449~~ 499

ScN Mch 1, 1918 Copied B 34:94

B 50340 202 K 8 29 - 75 alt. corr - .36

[9 column table]

a	B	c	g	h	PC
1	1.9	2.1	5.00	6.90	elong
2	2.8	3.2	5.40	8.20	elong
3	3.7	4.1	5.46	9.16	tp
4	4.6	5.0	5.20	9.80	
5	5.3	5.7	4.95	10.25	
6	5.6	6.0	4.83	10.43	
7	6.5	6.9	4.50	11.00	
8	6.9	7.3	4.38	11.28	
9	7.5	7.9	4.23	11.73	
10	7.7	8.1	7.75 <sup>10</sup>	7.5	4.18
11	8.1	8.5	8.10 <sup>00</sup>	8.1	4.10
12	9.0	3.86	12.86		
13	9.8	3.69	<u>13.49</u>		

1 | 1.9 2.1 | | 5.00 | 6.90 | elong | elong | 7.5 7.9 -0.35 7.15 |  
 2 | 2.8 3.2 | | 5.40 | 8.20 | elong | elong | 8.5 8.9 8.50<sup>00</sup> -0.65

7.85 |

3 | 3.7 4.1 | | 5.46 | 9.16 | tp | tp | 9.8 ~~9.8~~ -

~~9.8~~

4 | 4.6 5.0 | | 5.20 | 9.80 | | | |

5 | 5.3 5.7 | | 4.95 | 10.25 | | | |

6 | 5.6 6.0 | | 4.83 | 10.43 | | | |

7 | 6.5 6.9 | | 4.50 | 11.00 | | | |

8 | 6.9 7.3 | | 4.38 | 11.28 | | | |

9 | 7.5 7.9 | | 4.23 | 11.73 | | | |

10 | 7.7 8.1 7.75<sup>10</sup> | 7.5 | 4.18 | 11.93 | | | |

11 | 8.1 8.5 8.10<sup>00</sup> | 8.1 | 4.10 | 12.20 | | | |

12 | 9.0 | 3.86 | 12.86 | | | | |

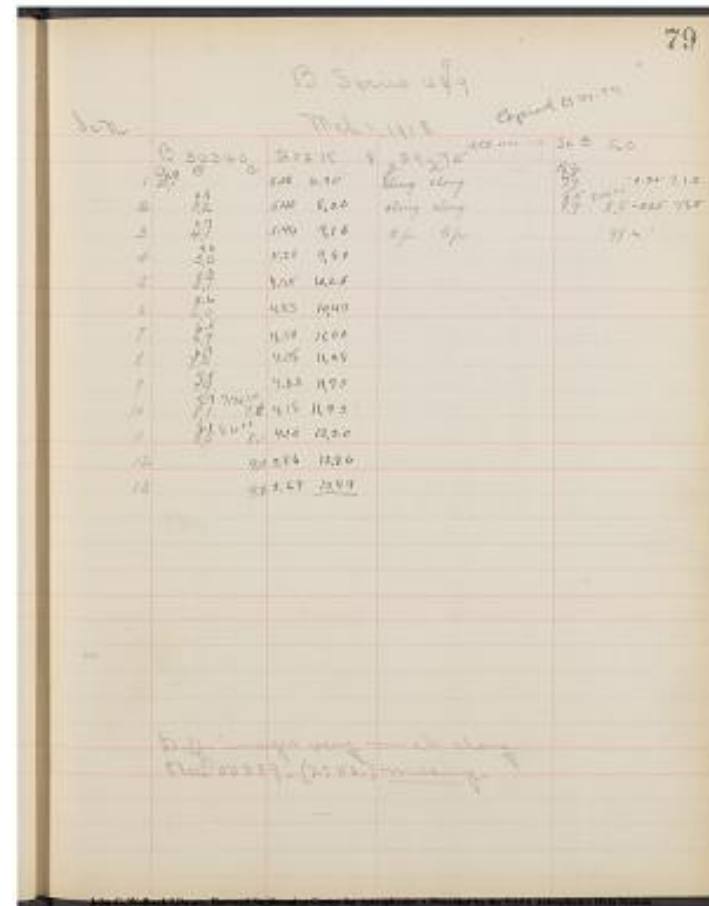
13 | 9.8 | 3.69 | 13.49 | | | | |

Diff images very much elong.

Plate 50339\_ (27ks.) missing.

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80

B Series ~~449~~ 499  
 ScN Mch 1, 1918 Copied B34:64  
 ScB alt. corr -03 ScC  
 B50341 172K 8 40-45

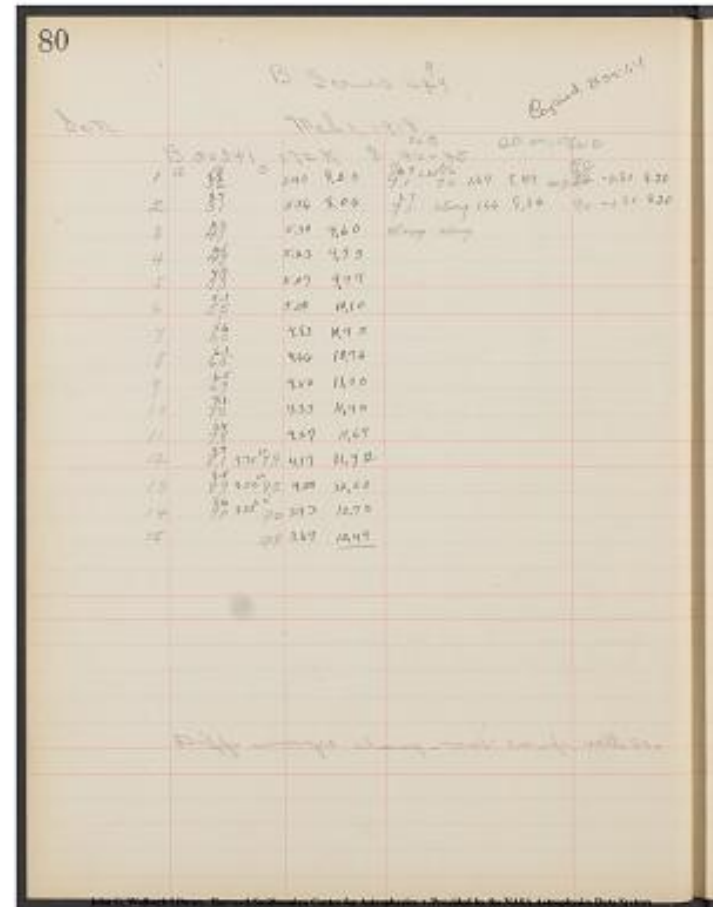
[[11 column table]]

a	B	C	g	h	PC

1	2.8 3.2	5.40	8.20	6.7 7.1	6.85 <sup>^</sup> [[12]]	7.0	7.64	8.49	w.s
<del>2</del>	<del>2.7 3.1</del>	<del>5.36</del>	<del>8.06</del>	<del>6.7 7.1</del>	<del>elong</del>	<del>1.66</del>	<del>8.36</del>	<del>9.0 -0.80</del>	<del>8.20</del>
3	4.3 4.7	5.30	9.60	elong	elong				
4	4.5 4.9	5.23	9.73						
5	4.9 5.3	5.07	9.97						
6	5.1 5.5	5.00	10.10						
7	5.6 6.0	4.83	10.43						
8	6.1 6.5	4.66	10.76						
9	6.5 6.9	4.50	11.00						
10	7.1 7.5	4.33	11.43						
11	7.4 7.8	4.27	11.67						
12	7.7 8.1	7.75 <sup>^</sup> [[10]]	7.8	4.17	11.92				
13	8.5 8.9	8.50 <sup>^</sup> [[00]]	8.5	4.00	12.50				
14	8.6 9.0	8.88 <sup>^</sup> [[22]]	9.0	3.93	12.73				
15	9.8	3.69	<u>13.49</u>						

Diff images elong - not comp with sc \_

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B Series ~~449~~ 499

ScN Mch 1, 1918

ScB ScC

B50347 C6 1 14.9

[[9 column table]]

a	B	c	g	h	PC

1	1.8 2.0		4.96	4.6 5.0	tp	2.16	7.0 -0.24	
2	tp		tp	tp		6.9 -0.02		
3	2.3 2.5		5.21	tp	5.6 6.0	1.91	Sl- sup.	
4	2.5 2.7		5.06	5.8 6.2	tp	1.76	8.5 -0.94	
5	2.5 2.9		5.27	5.9 6.3	tp	1.87	8.7 -0.93	
6	2.7 3.1		5.51	6.5 6.9	tp	1.71	9.0 -0.79	
9	2.9 3.3		5.69	7.5 7.9 7.45 <sup>^</sup> [[10]]		7.4 7.8	1.14	9.5 -0.91
10	3.4 3.8		5.50	tp	7.7 8.1	1.20	F	
10a	3.6 4.8		5.46		7.9		F	
12	3.8 4.2		5.54	tp	8.3	1.44		
13	4.6 5.0		5.09	8.6 9.0	8.60 <sup>^</sup> [[00]]	8.6 9.0	1.09	
14	5.3 5.7		4.76	9.3 9.7	tp	0.76		
14a	6.6 7.0							
16	5.7 6.1		4.82	w.s				
17	6.1 6.5		<del>4.78</del> <del>4.68</del>					
19	6.4 6.8		4.53					
21	6.9 7.3		4.36					
22	7.3 7.7		4.24					
23	7.6 8.0		4.23					
24	8.1 8.5		4.06					
25	8.5 8.9	8.60 <sup>^</sup> [[11]]		8.7	3.73			
26	8.6 9.0	8.75 <sup>^</sup> [[21]]		8.9	3.93			
27	8.7 9.1	8.85 <sup>^</sup> [[12]]		9.0	4.27			
28	9.4 9.8	9.45 <sup>^</sup> [[01]]		9.5	3.83			
29	9.9	3.38						

1:20

Only one plate of 0 reg. good enough 15

meas in this series. ask miss L \_ about reduction

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82  
 B Series 505  
Sheet no 132  
 Copied B34:106  
ScV Mch 6, 1918  
 11:25 B50398 27 KO 8 22-40 alt. corr + .01

[[8 column table]]  

	Sc1	Sc2		g	h	PC
1	3.5	3.4				

1	3.5	3.4			tp	tp	7.8-0.83	6.97		
2	4.8	3.83	8.63	tp	tp	tp	8.9-0.83	8.07		
3	5.1	3.95	9.05	tp	tp	tp	9.3-0.81	8.49		
4	5.8	4.23	10.03				F			
5	6.1	4.24	10.34							
6	6.9	4.11	11.01							
7	7.1	4.07	11.17							
8	7.40 <sup>A</sup>	[[11]]	7.3 7.5	4.03	11.43					
9	7.85 <sup>A</sup>	[[10]]	7.9 7.8	3.99	11.84					
10	8.1	3.96	12.06							
11	8.7	3.93	12.63							
12	9.1	3.90	13.00							
13	9.8	3.84	[[underline]]	13.64	[[underline]]					
14	F									

Images very poor.

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82

B Series 505

Sheet no 132

Copied B34:106

ScV Mch 6, 1918

11:25 B50398 27 KO 8 22-40 alt. corr + .01

	Sc1	Sc2		g	h	PC
1	3.5	3.4				
2	4.8	3.83	8.63	tp	tp	7.8-0.83 6.97
3	5.1	3.95	9.05	tp	tp	8.9-0.83 8.07
4	5.8	4.23	10.03			9.3-0.81 8.49
5	6.1	4.24	10.34			F
6	6.9	4.11	11.01			
7	7.1	4.07	11.17			
8	7.40 <sup>A</sup>	[[11]]	7.3 7.5	4.03	11.43	
9	7.85 <sup>A</sup>	[[10]]	7.9 7.8	3.99	11.84	
10	8.1	3.96	12.06			
11	8.7	3.93	12.63			
12	9.1	3.90	13.00			
13	9.8	3.84	[[underline]]	13.64	[[underline]]	
14	F					

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83  
 B Series 505  
 Copied B34:94  
 ScV  
 Mch 6, 1918  
 B50399 202 K 8 29-75 alt corr -.39

[[8 column table]]

	Sc1	Sc2		g	h	PC
1	4.0	3.60	7.60	6.1	tp	7.9 -0.84 7.06
2	4.4	3.70	8.10	tp	tp	8.4 -0.84 <del>8.56</del>
3	5.3	4.01	9.31	tp	tp	9.5 -0.81 8.69
4	5.90 <sup>^</sup> [[22]]	5.9	5.5	4.20	9.90	
5	6.2	4.23	10.43			
6	6.5	4.19	10.69			
7	7.1	4.07	11.17			
8	7.5	4.01	11.51			
9	7.7	4.00	11.70			
10	8.1	3.97	12.07			
11	8.60 <sup>^</sup> [[11]]	8.7	8.5	3.93	12.53	
12	9.0	3.90	12.90			
13	9.8	3.84	<u>13.64</u>			

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83

B Series 505  
 Copied B34:94

Mch 6, 1918

	Sc1	Sc2		g	h	PC
1	4.0	3.60	7.60	6.1	tp	7.9 -0.84 7.06
2	4.4	3.70	8.10	tp	tp	8.4 -0.84 <del>8.56</del>
3	5.3	4.01	9.31	tp	tp	9.5 -0.81 8.69
4	5.90 <sup>^</sup> [[22]]	5.9	5.5	4.20	9.90	
5	6.2	4.23	10.43			
6	6.5	4.19	10.69			
7	7.1	4.07	11.17			
8	7.5	4.01	11.51			
9	7.7	4.00	11.70			
10	8.1	3.97	12.07			
11	8.60 <sup>^</sup> [[11]]	8.7	8.5	3.93	12.53	
12	9.0	3.90	12.90			
13	9.8	3.84	<u>13.64</u>			

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84  
 B Series 505  
 Copied B25:14  
 Sc V Mch 6, 1918  
 B50400 Carte 9 0 -25 alt. corr +.03

[[8 column table]]  
 | Sc2 | | | g | h | PC | |  
 |---|---|---|---|---|---|---|---|

|1|4.0|3.60|7.60|tp|tp|8.3-0.82|7.47|  
 2|5.1|3.95|9.05|tp|tp|9.7? Scr.-0.80 | 8.90[[/underline]]  
 3|5.4|4.07|9.47| | | | |  
 5|6.7|4.15|10.85| | | | |  
 6|7.5|4.01|11.51| | | | |  
 7|7.7|4.00|11.70| | | | |  
 8|7.9|3.97|11.87| | | | |  
 9|8.3^|[8.40 1]] 1]] 8.5 |3.94 |12.34| | | |  
 10|8.5|3.93|12.43| | | | |  
 11|8.5|3.93|12.43| | | | |  
 13|9.2|3.90|13.10| | | | |  
 14|9.5^|[9.60 1]] 1]] 9.7 |3.86 |13.46| | | |

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Row	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
1	4.0	3.60	7.60	tp	tp	8.3-0.82	7.47	
2	5.1	3.95	9.05	tp	tp	9.7? Scr.-0.80	<u>8.90</u>	
3	5.4	4.07	9.47					
5	6.7	4.15	10.85					
6	7.5	4.01	11.51					
7	7.7	4.00	11.70					
8	7.9	3.97	11.87					
9	8.3^	[8.40 <u>1</u> ]]	<u>1</u> ]]	8.5	3.94	12.34		
10	8.5	3.93	12.43					
11	8.5	3.93	12.43					
13	9.2	3.90	13.10					
14	9.5^	[9.60 <u>1</u> ]]	<u>1</u> ]]	9.7	3.86	13.46		

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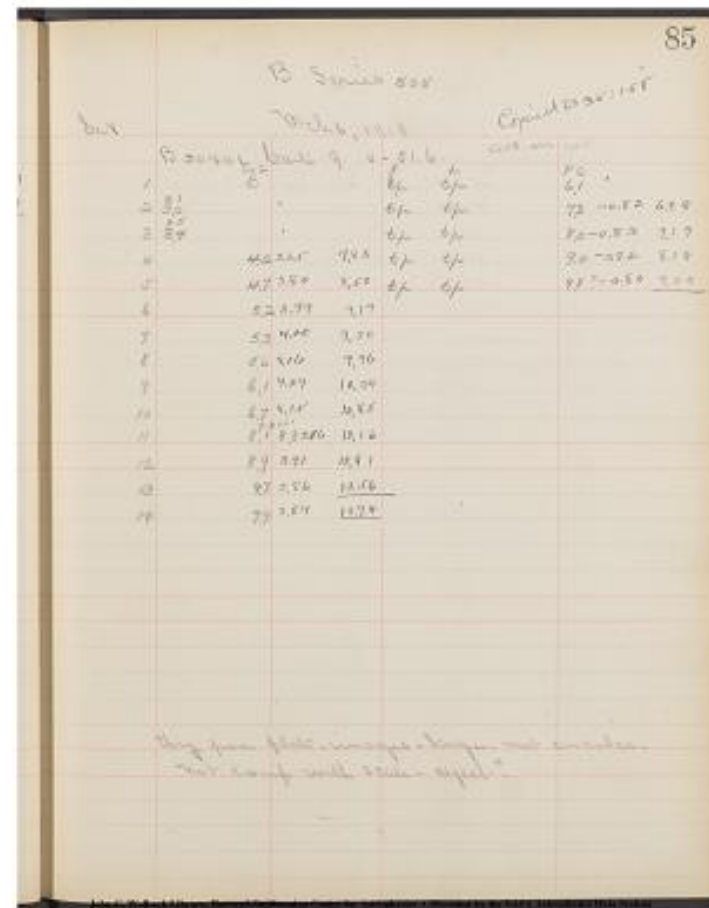
85  
 B Series 505  
 Copied B 35:158  
 Sc V Mch 6, 1918  
 B50401 Carte 9 0 -51.6 alt.corr-05

[[10 column table]]  
		sc2			g	h	pc		

|1| |B| | |tp|tp|6.1|. | |  
 2|3.0^[[3.1]]| | |tp|tp|7.3|-0.82|6.48|  
 3|3.4^[[3.5]]| | |tp|tp|8.0|-0.83|7.17|  
 4|4.2|3.65|7.85|tp|tp|9.0|-0.82|8.18|  
 5|4.7|3.65|7.85|tp|tp|9.8?|-0.80|[[Underline]]9.00 [[/underline]]|  
 6|5.2|3.99|9.19| | | | | | | |  
 7|5.3|4.00|9.30| | | | | | | |  
 8|5.6|4.16|9.76| | | | | | | |  
 9|6.1|4.24|10.34| | | | | | | |  
 10|6.7|4.15|10.85| | | | | | | |  
 11|8.1^[[8.20 [[Underline]] 1[[/underline]] 1]] 8.3|3.96|12.16| | | | |  
 12|8.9|3.91|12.81| | | | | | | |  
 13|9.7|3.86|[[Underline]]13.56[[/underline]]| | | | | |  
 14|9.9|3.84|[[Underline]]13.74[[/underline]]| | | | | |

Very poor plate. images - large. not circular.  
 not comp with scale. reject?

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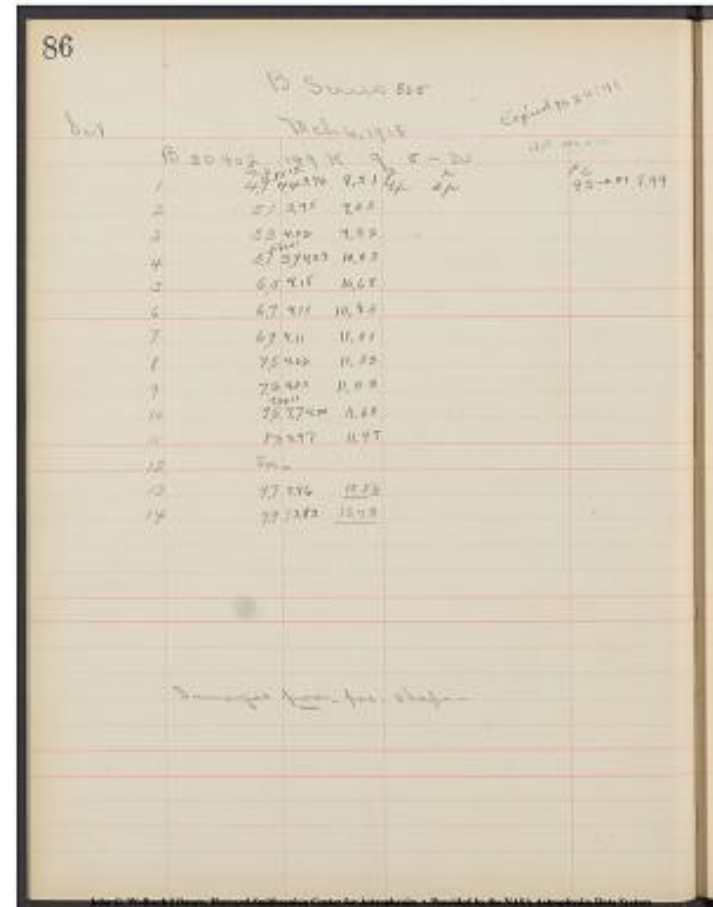
86  
 B series 500  
 Copied B 34:41  
 Scv Mch 6, 1918  
 B50402 149 K 9 5-30 alt. corr +.02

[[8 column table]]  
sc2		g	h	pc	

|1|4.7^[[4.55 1[[2]]]] 4.4 |3.76|8.31|tp|tp|9.3-0.81  
 8.49|  
 2|5.1|3.95|9.05| | | | |  
 3|5.3|4.02|9.32| | | | |  
 4|5.7^[[5.80 [[1]] 1]] 5.9 |4.32|10.03| | | | |  
 5|6.5|4.18|10.68| | | | |  
 6|6.7|4.15|10.85| | | | |  
 7|6.9|4.11|11.01| | | | |  
 8|7.5|4.02|11.52| | | | |  
 9|7.3|4.03|11.33| | | | |  
 10|7.5^[[7.60 [[1]] 1]] |7.7,4.00|11.60| | | | |  
 11|8.0|3.97|11.97| | | | |  
 12|Scr.| | | | | | | |  
 13|9.7|3.86|[[13.56]] | | | | |  
 14|9.9?|3.83|[[13.73]] | | | | |

Images [[poor]] pec. shape.

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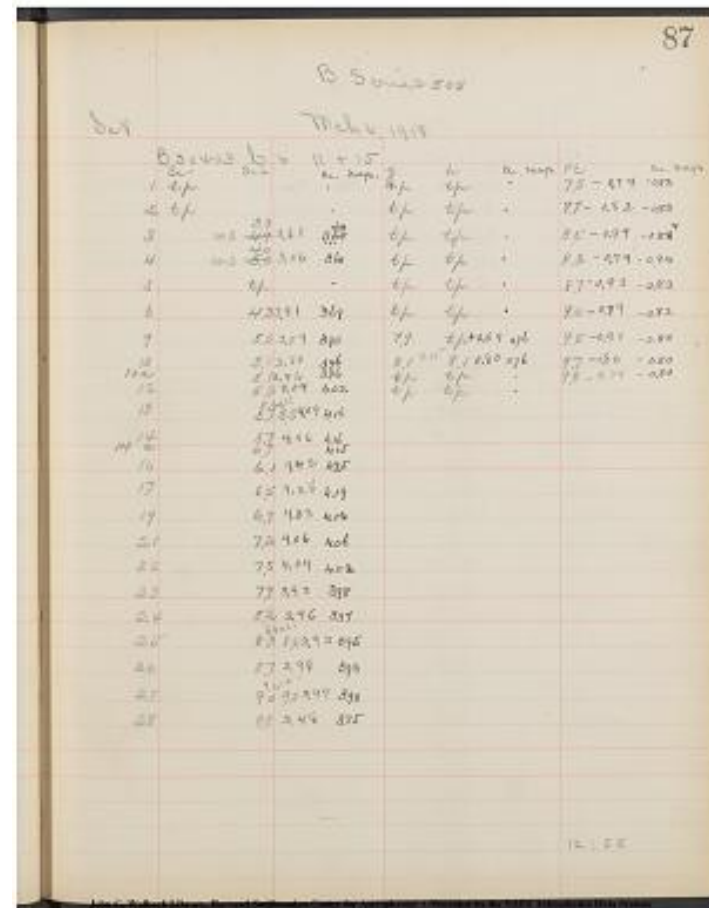
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87  
B Series 505  
Scv Mch 6, 1918  
B50403 C6 11+15

[[13 columns]]  
Sc1	Sc2		Cu.	magn.	g	h	Cu.	magn.	pc	Cu.	magn.
  
1 | tp | | | . | | tp | tp | . | | 7.5 -0.74 | -0.83 | | |  
2 | tp | | | . | | tp | tp | . | | 7.7 -0.82 | -0.83 | | |  
3 | | w.s [[/strikethrough]] 4.9 [[/strikethrough]] 3.9 | 3.61 | 3  
[[/strikethrough]] .58 .60 [[/strikethrough]] | | tp | tp | . | | 8.5 -0.99 |  
[[/strikethrough]] -0.83 [[/strikethrough]] -0.84 | |  
4 | | w.s [[/strikethrough]] 5.0 [[/strikethrough]] 4.0 | 3.56 | 3.60 | | tp |  
tp | . | | 8.3 -0.74 | -0.84 | |  
5 | | tp | | . | | tp | tp | . | | 8.7 -0.93 | -0.83 | | |  
6 | 4.3 | 3.91 | 3.69 | | tp | tp | . | | 9.0 -0.79 | -0.82 | | |  
9 | 5.0 | 3.59 | 3.90 | | 7.9 | tp+0.69 | 0.76 | | 9.5 -0.91 | -0.80 | | |  
10 | 5.1 | 3.80 | 3.96 | | 8.1 8.10^[[00]] | 8.1 0.80 | 0.76 | | 9.7 -0.80  
-0.80 | |  
10a | | 5.1 | 3.96 | 3.96 | | tp | tp | . | | 9.8 -0.74 | -0.80 | | |  
12 | 5.3 | 4.04 | 4.02 | | tp | tp | . | | | | | | | |  
13 | 5.7 5.60^[[11]] 5.5 | 4.09 | 4.16 | | | | | | | |  
14 | 5.7 | 4.36 | 4.16 | | | | | | | | | |  
14a | 6.7 | | 4.15 | | | | | | | | | |  
16 | 6.1 | 4.42 | 4.25 | | | | | | | | | |  
17 | 6.5 | 4.28 | 4.19 | | | | | | | | | |  
19 | 6.9 | 4.03 | 4.12 | | | | | | | | | |  
21 | 7.2 | 4.06 | 4.06 | | | | | | | | | |  
22 | 7.5 | 4.04 | 4.02 | | | | | | | | | |  
23 | 7.9 | 3.93 | 3.98 | | | | | | | | | |  
24 | 8.2 | 3.96 | 3.97 | | | | | | | | | |  
25 | 8.3 8.40^[[11]] 8.5 | 3.9 | 3.95 | | | | | | | | | |  
26 | 8.7 | 3.98 | 3.93 | | | | | | | | | |  
27 | 9.0 9.15^[[21]] 9.3 | 3.97 | 3.90 | | | | | | | | | |  
28 | 9.8 | 3.48 | 3.85 | | | | | | | | | |

12:55

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88  
 B Series 505  
 Sheet No 32  
 ScV Mch 11, 1918  
 1:45 B50403 C6

[[6 column table]]  
Sc2	g	h	pc

1 | tp | | tp | tp | 7.7-0.94 |  
 2 | tp | | tp | tp | 7.7-0.82 |  
 3 | tp | | tp | tp | 8.3-0.79 |  
 4 | 4.0 | 3.56 | tp | tp | 8.3^ | 8.40 | 1 | 1 | 8.5-0.84 |  
 5 | tp | | tp | tp | 8.8-1.03 |  
 6 | 4.3 | 3.91 | tp | tp | 9.1-0.89 |  
 9 | 4.9 | 3.69 | tp | tp | 9.7-~~0~~ | 1.11 |  
 10 | 5.1 | 3.80 | tp | tp | 8.1 0.80 | 9.8-0.90 |  
 10a | 5.2 | 3.86 | tp | tp | 9.8-0.74 |  
 12 | 5.4 | 3.94 | tp | tp | |  
 13 | 5.5 | 4.19 | | | |  
 14 | 5.7 | 4.36 | | | |  
 14a | 6.8 | | | | |  
 16 | 6.2 | 4.32 | | | |  
 17 | 6.5 | 4.28 | | | |  
 19 | 7.0 | 3.93 | | | |  
 21 | 7.3 | 3.96 | | | |  
 22 | 7.5 | 4.04 | | | |  
 23 | 8.0 | 3.83 | | | |  
 24 | 8.3 | 3.86 | | | |  
 25 | 8.7 | 3.63 | | | |  
 26 | 8.9 | 3.78 | | | |  
 27 | 9.1 | 4.62 | | | |  
 28 | 9.8 | 3.48 | | | |

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88

*M 55*

*1-45*

<i>1-45</i>	<i>2-45</i>	<i>3-45</i>	<i>4-45</i>	<i>5-45</i>
1	tp	tp	tp	7.7-0.94
2	tp	tp	tp	7.7-0.82
3	tp	tp	tp	8.3-0.79
4	4.0	3.56	tp	8.3^ 8.40 1 1 8.5-0.84
5	tp	tp	tp	8.8-1.03
6	4.3	3.91	tp	9.1-0.89
9	4.9	3.69	tp	9.7- <del>0</del> 1.11
10	5.1	3.80	tp	8.1 0.80 9.8-0.90
10a	5.2	3.86	tp	9.8-0.74
12	5.4	3.94	tp	
13	5.5	4.19		
14	5.7	4.36		
14a	6.8			
16	6.2	4.32		
17	6.5	4.28		
19	7.0	3.93		
21	7.3	3.96		
22	7.5	4.04		
23	8.0	3.83		
24	8.3	3.86		
25	8.7	3.63		
26	8.9	3.78		
27	9.1	4.62		
28	9.8	3.48		

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89  
 B Series 505  
 Copied B44:180  
 ScV Mch 11, 1918  
 B50404 Z Carinae 10 12-59.2 Alt corr-.09

[[7 column table]]  

	Sc2	ST		g	h	PC

[[left margin]] ST [[/left margin]]  

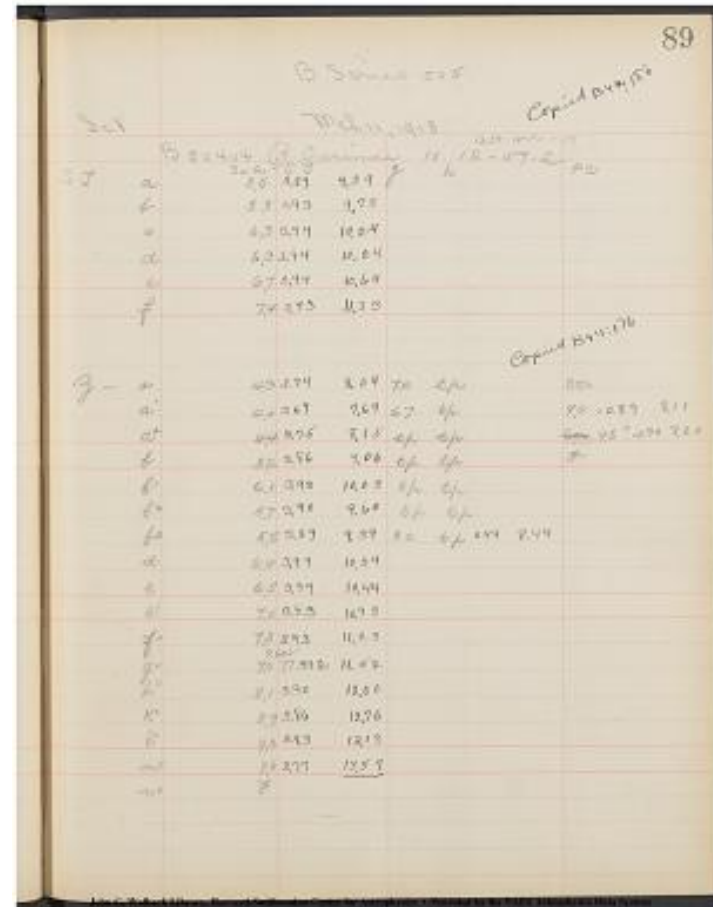
a	5.5	3.89	9.39			
b	5.8	3.93	9.73			
c	6.3	3.94	10.24			
d	6.3	3.94	10.124			
e	6.7	3.94	10.64			
f	7.4	3.93	11.33			

Copied B44:176

[[left margin]] Z- [[/left margin]]  

a	4.3	3.74	8.04	7.0	tp	scr
a <sup>^</sup> [[1]]	4.0	3.69	7.69	6.7	tp	9.0 -0.89 8.11
a <sup>^</sup> [[2]]	4.4	3.75	8.15	tp	tp	[[strikethrough]] scr [[/strikethrough]]
9.5? -0.90 8.60						
b	5.2	3.86	9.06	tp	tp	F
b <sup>^</sup> [[1]]	6.1	3.93	10.03	tp	tp	
b <sup>^</sup> [[2]]	5.7	3.90	9.60	tp	tp	
b <sup>^</sup> [[3]]	5.5	3.89	9.39	8.0	tp	0.44 8.44
d	6.4	3.94	10.34			
e	6.5	3.94	10.34			
e <sup>^</sup> [[1]]	7.0	3.93	10.93			
f <sup>^</sup> [[0]]	7.3	3.93	11.23			
g <sup>^</sup> [[0]]	7.5 <sup>^</sup> [[7.60 <u>1</u> ]]			7.7	3.92	11.52
h <sup>^</sup> [[0]]	8.1	3.90	12.00			
k <sup>^</sup> [[0]]	8.9	3.86	12.76			
l <sup>^</sup> [[0]]	9.3	3.83	13.13			
m <sup>^</sup> [[0]]	9.8	3.77	<u>13.57</u>			
n <sup>^</sup> [[0]]	F					

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90  
 B Series 505  
 ScV Mch 11, 1918  
 B50405 N Carinae 10 41-59  
 29Ks

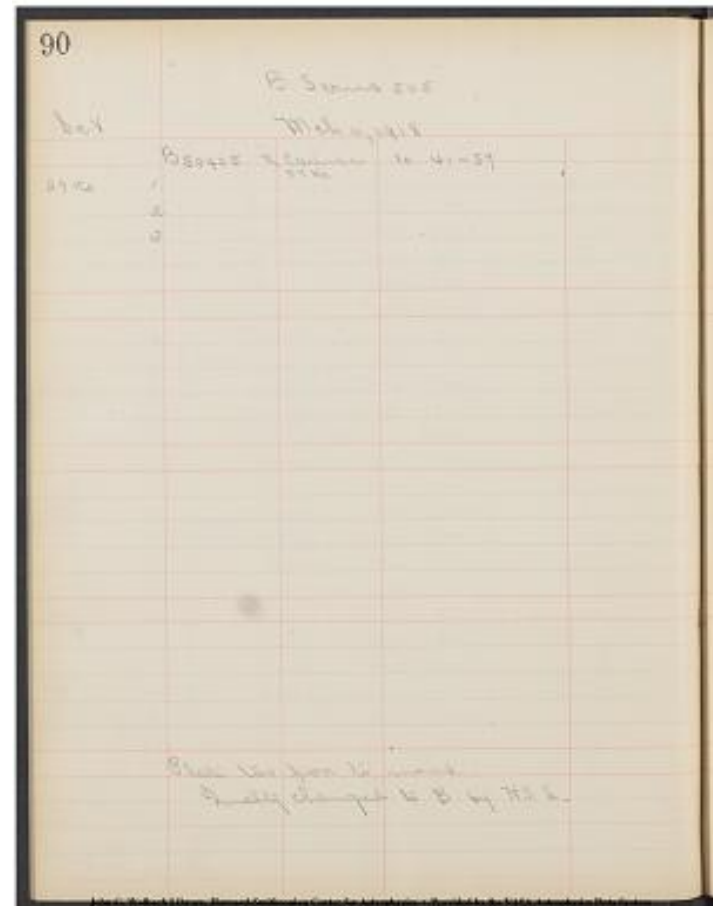
[[2 column table]]  

1	1
2	1
3	1

29 ks 1		
2		
3		

Plate too poor to meas.  
 Quality changed to B by H.S.L.

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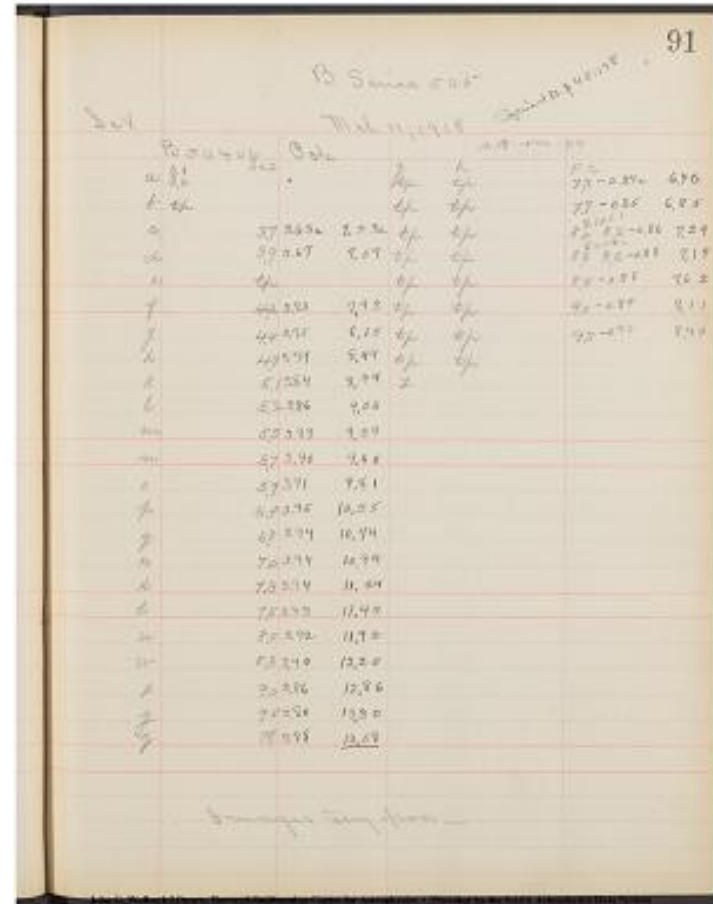
91  
 B Series 505  
 ScV Mch 11, 1918  
 Copied B ~~3~~ ~~45:198~~  
 B50406 Pole alt. corr. -92

[[8 column table]]  
		Sc2			g	h	PC

a	3.1	3.0				tp	tp	7.3 -0.84e 6.46	
b	tp					tp	tp	7.7 -0.85 6.85	
c		3.7	3.63e	tp	tp			8.0^[[8.10 <u>1</u> ]] 8.2	
d		3.9	3.67	7.57	tp	tp		8.8^[[8.05	
e		tp				tp	tp	8.5 -0.88 7.17	
f		4.2	3.73	7.93	tp	tp		9.0 -0.89 8.11	
g		4.4	3.75	8.15	tp	tp		9.3 -0.90 8.40	
h		4.7	3.79	8.49	tp	tp			
k		5.1	3.84	8.94	F				
l		5.2	3.86	9.06					
m		5.5	3.89	9.39					
n		5.7	3.90	9.60					
o		5.9	3.91	9.81					
p		6.4	3.95	10.35					
q		6.8	3.94	10.74					
r		7.0	3.94	10.94					
s		7.3	3.94	11.24					
t		7.5	3.93	11.43					
u		8.0	3.92	11.92					
w		8.3	3.90	12.20					
x		9.0	3.86	12.86					
y		9.5	3.80	13.30					
z		9.8	3.78	[[underline]] 13.58 [[underline]]					

images very poor\_

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92  
B Series 505  
Copied B27:182  
ScV Mch 11,1918

B 50407 F2 12\_75 Alt corr-.30

[[7 column table]]  
Sc2			g	h	PC

1	3.8	3.64	7.44	tp	tp	7.7 -0.84 6.86
2	4.0	3.68	7.68	tp	tp	8.1 -0.86 7.24
3	4.3	3.74	8.04	tp	tp	8.3 -0.87 7.43
4	4.0	3.68	7.68			8.5^[[8.60 [[underline]]1[[/underline]]1]] 8.7 -0.88 7.72
5	3.9	3.67	7.57			9.0 -0.89 8.11
6	4.3	3.74	8.04	tp	tp	9.1 -0.90 8.20
7	4.3	3.74	8.04	7.0	tp	9.1 -0.90 8.20
8	4.6	3.77	8.37	tp		[[strikethrough]] 7.0 [[/strikethrough]]   9.8 -0.90 [[underline]] 8.90 [[/underline]]
9	5.0	3.83	8.83	tp	tp	
10	5.3	3.87	9.17	tp	tp	
11	tp		tp	tp		
12	5.5	3.89	9.39			
13	5.5	3.89	9.39			
14	5.9	3.92	9.82			
15	6.3	3.95	10.25			
16	6.5	3.94	10.44			
17	6.5	3.94	10.44			
18	6.7	3.94	10.64			
19	7.2	3.93	11.13			
20	7.3	3.93	11.23			
21	7.5	3.93	11.43			
22	7.9	3.92	11.82			
23	7.7	3.92	11.62			
24	7.8	3.92	11.72			
25	7.9	3.92	11.82			
26	7.7	3.92	11.62			
27	8.0	3.91	11.91			
28	8.1	3.90	12.00			

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93

B Series 505  
ScV Mch 11, 1918  
B50407 (cont)

[[4 Column Table]]  
Sc2		

29	8.3	3.90	12.20		
30	8.3	3.90	12.20		
31	8.7	3.87	12.57		
32	8.9	3.86	12.76		
33	9.1	3.85	12.95		
34	9.3^	9.40	[[underline]]1[[/underline]]1[[/underline]]9.5	3.82	13.22
35	9.7	3.80	[[underline]]13.50[[/underline]]		
36	9.8^	9.75			
0	[[underline]]1[[/underline]]1[[/underline]]9.7	3.79	[[underline]]13.54[[/underline]]		
37	[[strikeout]]9.9[[/strikeout]]F				

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93

B Series 505

ScV Mch 11, 1918

Day	Time (h:m:s)	Mag	Notes
29	8.3	3.90	12.20
30	8.3	3.90	12.20
31	8.7	3.87	12.57
32	8.9	3.86	12.76
33	9.1	3.85	12.95
34	9.3	9.40	13.22
35	9.7	3.80	13.50
36	9.8	9.75	
37	9.9	F	

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94  
B Series 505  
ScV Mch 11, 1918  
B50408 C7

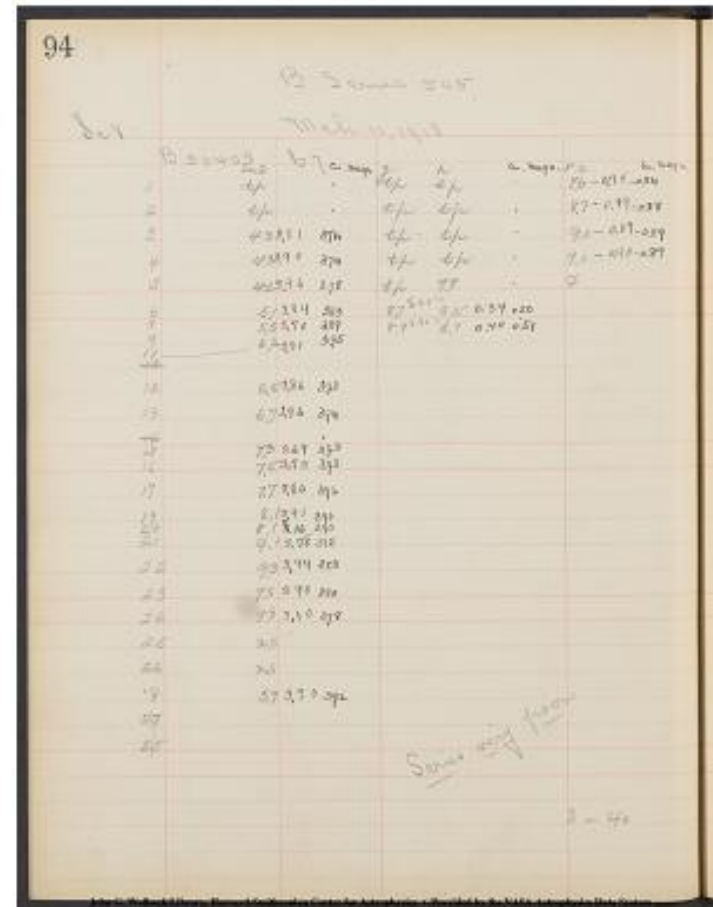
[[13 column table]]

	Sc2	Cu.	magn.	g	h	Cu.	magn.	PC	Cu.	magn.
1	tp	.	tp	tp	.	7.6-0.75	-0.84			
2	tp	.	tp	tp	.	8.7-0.99	-0.88			
3	4.3	3.81	3.74	tp	tp	9.0-0.89	-0.89			
4	4.3	3.90	3.74	tp	tp	9.1-0.90	-0.89			
5	4.6	3.96	3.78	tp	7.8	F				
6	5.1	3.84	3.83	8.7^	[[8.60 1]]	1				8.5
7	5.5	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
8	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
9	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
10	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
11	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
12	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
13	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
14	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
15	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
16	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
17	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
18	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
19	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
20	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
21	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
22	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
23	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
24	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
25	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
26	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
27	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
28	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7

1	tp	.	tp	tp	.	7.6-0.75	-0.84			
2	tp	.	tp	tp	.	8.7-0.99	-0.88			
3	4.3	3.81	3.74	tp	tp	9.0-0.89	-0.89			
4	4.3	3.90	3.74	tp	tp	9.1-0.90	-0.89			
5	4.6	3.96	3.78	tp	7.8	F				
6	5.1	3.84	3.83	8.7^	[[8.60 1]]	1				8.5
7	5.5	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
8	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
9	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
10	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
11	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
12	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
13	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
14	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
15	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
16	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
17	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
18	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
19	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
20	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
21	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
22	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
23	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
24	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
25	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
26	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
27	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7
28	5.1	3.70	3.89	8.9^	[[8.80 1]]	1				8.7

[[underline]] Series very poor. [[/underline]]  
3-40

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95

B Series 460 (2nd pt)

Sheet no. 108Sc V Mh 22, 1918

9:50 B49890 C7

[[6 Column table]]

| Sc2 | | g | h | PC |

|---|---|---|---|

1 | tp | | tp | tp | 7.5 -0.65

2 | 3.9 ~~3.91~~ 3.49 ~~3.49~~ | 3.71 | tp | tp | defective?

3 | 4.2 | 3.91 | tp | tp | 8.8 -0.69

4 | 4.2 | 4.00 | tp | 7.0 1.20 | 8.9 -0.70

5 | 4.7 | 3.86 | tp | 7.3 1.26 | 9.2 -0.64

6 | 4.7 | 4.24 | tp | 7.5 1.44 | 9.1 -0.14

7 | 5.1 | 4.10 | tp | 7.8 1.40 | 9.3 -0.30

8 | 5.4 | 4.20 | tp | 8.1 1.50 | 9.8 -0.20

9 | 5.6 | 4.21 | tp | tp | |

11 | 6.0 | 4.11 | | | |

12 | 6.2 | 4.16 | | | |

13 | 6.5 | 4.16 | | | |

15 | 6.8 <sup>6.8</sup> ~~6.8 00~~ | 6.8 | 4.19 | | |

16 | 7.0 | 4.23 | | | |

17 | 7.3 | 4.26 | | | |

19 | 7.7 | 4.31 | | | |

20 | 7.9 | 4.36 | | | |

21 | 8.5 | 4.38 | | | |

22 | 8.5 | 4.75 | | | |

23 | 8.7 | 4.70 | | | |

24 | 9.3 | 4.60 | | | |

25 | 9.5 | 4.58 | | | |

26 | 9.9 | 4.41 | | | |

27 | 9.8 | 4.82 | | | |

	Sc2	g	h	PC
1	tp		tp	7.5 -0.65
2	3.9	<del>3.91</del>	3.49	<del>3.49</del>   3.71   tp   tp   defective?
3	4.2	3.91	tp	tp   8.8 -0.69
4	4.2	4.00	tp	7.0 1.20   8.9 -0.70
5	4.7	3.86	tp	7.3 1.26   9.2 -0.64
6	4.7	4.24	tp	7.5 1.44   9.1 -0.14
7	5.1	4.10	tp	7.8 1.40   9.3 -0.30
8	5.4	4.20	tp	8.1 1.50   9.8 -0.20
9	5.6	4.21	tp	tp
11	6.0	4.11		
12	6.2	4.16		
13	6.5	4.16		
15	6.8	<sup>6.8</sup> <del>6.8 00</del>	6.8	4.19
16	7.0	4.23		
17	7.3	4.26		
19	7.7	4.31		
20	7.9	4.36		
21	8.5	4.38		
22	8.5	4.75		
23	8.7	4.70		
24	9.3	4.60		
25	9.5	4.58		
26	9.9	4.41		
27	9.8	4.82		

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96  
 B Series 460  
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 ScV MCH 22, 1918  
 B49891 Pole Alt. corr -.92

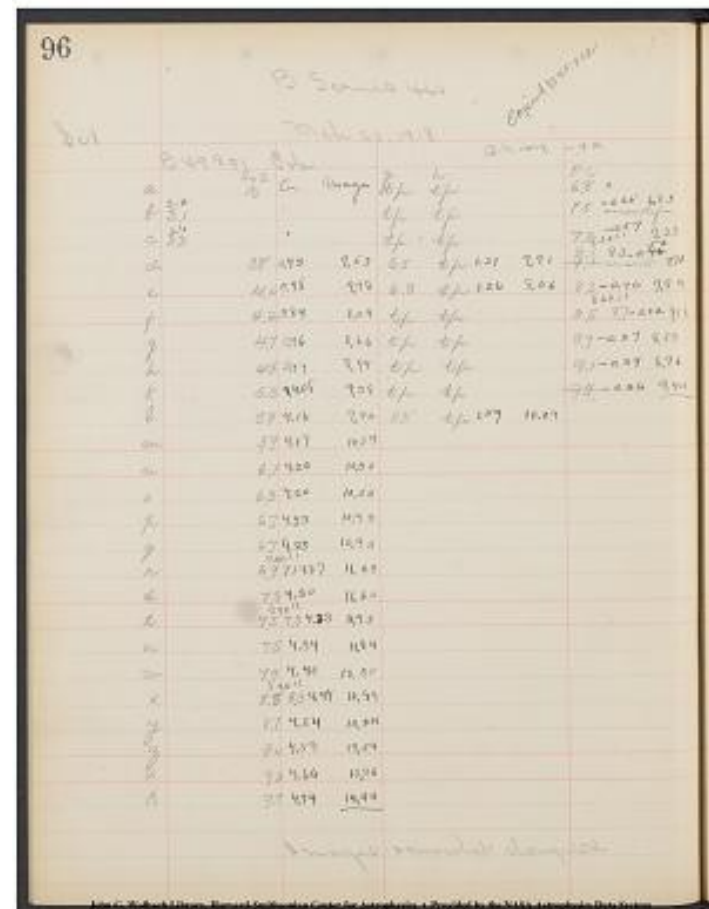
[[10 column table]]

		Sc2	Cu	Magn	g	h			PC

a		B			tp		tp			6.8	
b		3.2		3.1			tp		tp		7.5 -0.65 6.85 near def-
c		3.4		3.3			tp		tp		7.8^[-0.57] 7.23
d		3.8		3.73		7.53		6.5		tp	1.21   7.71   <del>[[strikethrough]]</del> 9.1
[[/strikethrough]] wr umb 8.1^[[8.20 <u>[[underlined]]</u> ]]1 <u>[[/underlined]]</u> ]]8.3 -											
0. <del>[[strikethrough]]</del> 46 <del>[[strikethrough]]</del> 50 7.70											
e		4.0		3.78		7.78		6.8		tp	1.26   8.06   8.3 -0.46 7.84
f		4.2		3.84		8.04		tp		tp	8.5^[[8.60 <u>[[underlined]]</u> ]] 1
<u>[[/underlined]]</u> ]]1 8.7 -0.42 8.18											
g		4.7		3.96		8.66		tp		tp	8.9 -0.37 8.53
h		4.8		3.99		8.79		tp		tp	9.1 -0.34 8.76
k		5.3		<del>[[strikethrough]]</del>		<del>[[strikethrough]]</del>		<del>[[strikethrough]]</del>		<del>[[strikethrough]]</del>	4.08   9.38   tp   tp
<del>[[strikethrough]]</del> 9.7 <del>[[strikethrough]]</del> -0.26 <u>[[/underlined]]</u> 9.44 <u>[[/underlined]]</u>											
l		5.8		4.16		9.96		8.5		tp	1.59   10.09
m		5.9		4.17		10.07					
n		6.1		4.20		10.30					
o		6.3		4.20		10.50					
p		6.7		4.23		10.93					
q		6.7		4.23		10.93					
r		6.9^		<u>[[7.00 <u>[[underlined]]</u>]]1 <u>[[/underlined]]</u>]]1</u>		7.1		4.27		11.27	
s		7.3		4.30		11.60					
t		7.5^		<u>[[7.40 1 <u>[[underlined]]</u>]]1 <u>[[/underlined]]</u>]]</u>		7.3		4.33		11.73	
u		7.5		4.34		11.84					
w		7.9		4.40		12.30					
x		8.5^		<u>[[8.40 1 <u>[[underlined]]</u>]]1 <u>[[/underlined]]</u>]]</u>		8.3		4.49		12.89	
y		8.7		4.54		13.24					
z		9.0		4.59		13.59					
[[symbol]]     9.3   4.66   13.96											
B		9.7		4.74		<u>[[14.44 <u>[[underlined]]</u>]]</u>					

Images somewhat elongated

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 ScV Mch 22, 1918  
 B49892 33 Ks 14 27 - 60 alt. corr -.08

[[12 Columned Table]]

| | Sc2 | | g | h | | PC | | |  
 |---|---|---|---|---|---|---|---|

1	3.1	3.2			6.9 <sup>^</sup> [[6.90 00]]	6.9	1.27	8.17	8.1	-0.50	7.60
2	4.1	3.80	7.90	7.7 <sup>^</sup> [[7.70 00]]	7.7	1.41	9.11	9.1	-0.34		
3	4.8	3.99	8.79	8.3	tp	1.55	9.85	9.8	-0.26	[[underlined]]	
4	5.7	4.14	9.84	9.0 <sup>^</sup> [[9.00 00]]	9.0	.	.	.	.	.	
5	5.7	4.14	9.84	8.9	tp	.	.	.	.	.	
6	6.5	4.22	10.72	9.8 <sup>^</sup> [[9.75 0 [[underlined]] 1 [[/underlined]]]]	1	[[/underlined]]					
7	6.7	4.23	10.93								
8	6.7	4.23	10.93								
9	6.9	4.27	11.17								
10	7.0	4.28	11.28								
11	7.3	4.30	11.60								
12	7.5	4.34	11.84								
13	7.7	4.36	12.06								
14	8.1	4.44	12.54								
15	8.7	4.54	13.24								
16	9.0	4.59	13.59								
17	9.5 <sup>^</sup> [[9.60 [[underlined]] 1 [[/underlined]] 1]]	9.7	4.71	14.31							

Diff images along.

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1	3.1	3.2			6.9 <sup>^</sup> [[6.90 00]]	6.9	1.27	8.17	8.1	-0.50	7.60
2	4.1	3.80	7.90	7.7 <sup>^</sup> [[7.70 00]]	7.7	1.41	9.11	9.1	-0.34		
3	4.8	3.99	8.79	8.3	tp	1.55	9.85	9.8	-0.26	[[underlined]]	
4	5.7	4.14	9.84	9.0 <sup>^</sup> [[9.00 00]]	9.0	.	.	.	.	.	
5	5.7	4.14	9.84	8.9	tp	.	.	.	.	.	
6	6.5	4.22	10.72	9.8 <sup>^</sup> [[9.75 0 [[underlined]] 1 [[/underlined]]]]	1	[[/underlined]]					
7	6.7	4.23	10.93								
8	6.7	4.23	10.93								
9	6.9	4.27	11.17								
10	7.0	4.28	11.28								
11	7.3	4.30	11.60								
12	7.5	4.34	11.84								
13	7.7	4.36	12.06								
14	8.1	4.44	12.54								
15	8.7	4.54	13.24								
16	9.0	4.59	13.59								
17	9.5 <sup>^</sup> [[9.60 [[underlined]] 1 [[/underlined]] 1]]	9.7	4.71	14.31							

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B Series 460 Copied B34:70  
 ScV Mch 22, 1918  
 B49893 178 K 14 49 - 45 alt. corr -.02

[[11 Columned Table]]

Sc2	S	Supi	g	h		PC					
-----	---	------	---	---	--	----	--	--	--	--	--

[[Left Margin]] 178 k [[/Left Margin]] | 1 | 4.2 | 3.84 | 8.04 | 7.1^[[7.05 10]]  
 7.0 | ~~4.28~~ | ~~1.29~~ | 8.34 | 8.7 |

~~4.55~~ | ~~-0.40~~ | 8.30 |  
 2 | 5.1 | 4.06 | 9.16 | elong | elong | | 9.8 | -0.25 | 9.55  
 [[/underlined]]

3	5.5	4.11	9.61								
4	6.5	4.21	10.71								
5	6.9	4.27	11.17								
6	7.1	4.29	11.39								
7	7.3	4.30	11.60								
8	7.5	4.34	11.84								
9	7.5	4.34	11.84								
10	7.9	4.40	12.30								
11	8.5	4.50	13.00								
12	8.8	4.56	13.36								
13	9.1	4.60	13.70								
14	9.5	4.70	14.20								

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B Series 460 Copied B34:70

ScV Mch 22, 1918

B49893 178 K 14 49 - 45 alt. corr -.02

178 K	1	4.2	3.84	8.04	7.1	7.05	10
	2	5.1	4.06	9.16	elong	elong	
	3	5.5	4.11	9.61			
	4	6.5	4.21	10.71			
	5	6.9	4.27	11.17			
	6	7.1	4.29	11.39			
	7	7.3	4.30	11.60			
	8	7.5	4.34	11.84			
	9	7.5	4.34	11.84			
	10	7.9	4.40	12.30			
	11	8.5	4.50	13.00			
	12	8.8	4.56	13.36			
	13	9.1	4.60	13.70			
	14	9.5	4.70	14.20			

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 ScV Mch 22, 1918  
 B49893 cont alt. corr -.02

[[11 Columned Table]]

Sc2	g	h	PC
-----	---	---	----

[[Left Margin]] S Supi [[/Left Margin]] a | 4.4 | 3.88 | 8.28 | 7.2 | tp | 1.32  
 8.52 | 8.9^[[8.55 10]] 8.8 | -0.38 | 8.47 |  
 b | 4.3 | 3.86 | 8.16 | 7.1 | tp | 1.30 | 8.40 | 8.9 | -0.36 | 8.54 |  
 c | 5.0 | 4.03 | 9.03 | 7.7 | tp | 1.41 | 9.11 | 9.3 | -0.31 | 8.99 |  
 d | 5.2 | 4.07 | 9.27 | 8.0 | tp | 1.47 | 9.47 | 9.5 | -0.27 | 9.23 |  
 e | 6.1 | 4.20 | 10.30 | tp | tp | . | . | . | . | . |  
 f | 6.3 | 4.20 | 10.50 | . | . | . | . | . | . | . |  
 g | 6.7 | 4.24 | 10.94 | . | . | . | . | . | . | . |  
 h | 7.1 | 4.29 | 11.39 | . | . | . | . | . | . | . |  
 k | 7.8 | 4.38 | 12.18 | . | . | . | . | . | . | . |  
 [[Left Margin]] near another star [[/Left Margin]] | | 8.1? | 4.43 | 12.53 |  
 | | | | | | | | | | | |  
 m | 8.5 | 4.50 | 13.00 | . | . | . | . | . | . | . |  
 n | 9.3 | 4.66 | 13.96 | . | . | . | . | . | . | . |  
 o | 9.5^[[9.60 [[underlined]] 1 [[/underlined]] 1]] 9.7 | 4.72 | 14.32 | . | . |  
 | | | | | | | | | | | |

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100

B Series 460

ScV Mch 22, 1918

B49894 Ews 15 5 - 50 alt. corr 0.0

[[9 Columned Table]]

| Sc2 | | | g | h | | PC | |  
|-----|-----|-----|-----|

1	B		4.9	tp	.	6.7	.	
2	B		5.7	tp	.	7.5	-0.65	
3	3.8	3.73	7.53	6.0	tp	.	8.1	-0.51
4	4.4	3.89	8.29	tp	tp	.	8.9	-0.37
5	4.7	3.97	8.67	7.3	tp	.	1.34	9.1
6	5.3	4.08	9.38	8.0	tp	.	1.47	9.8
7	5.8	4.16	9.96					
8	6.3	4.20	10.50					
9	6.5	4.22	10.72					
10	6.7	4.24	10.94					
11	7.1	4.28	11.38					
12	7.1	4.28	11.38					
13	7.3	4.31	11.61					
14	7.7	4.37	12.07					
15	7.9	4.40	12.30					
16	8.5	4.50	13.00					
17	8.9	4.57	13.47					

Images poor

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101

B Series 460 Copied B27:142

ScV Mch 22, 1918

B49895 E6 alt. corr +.02

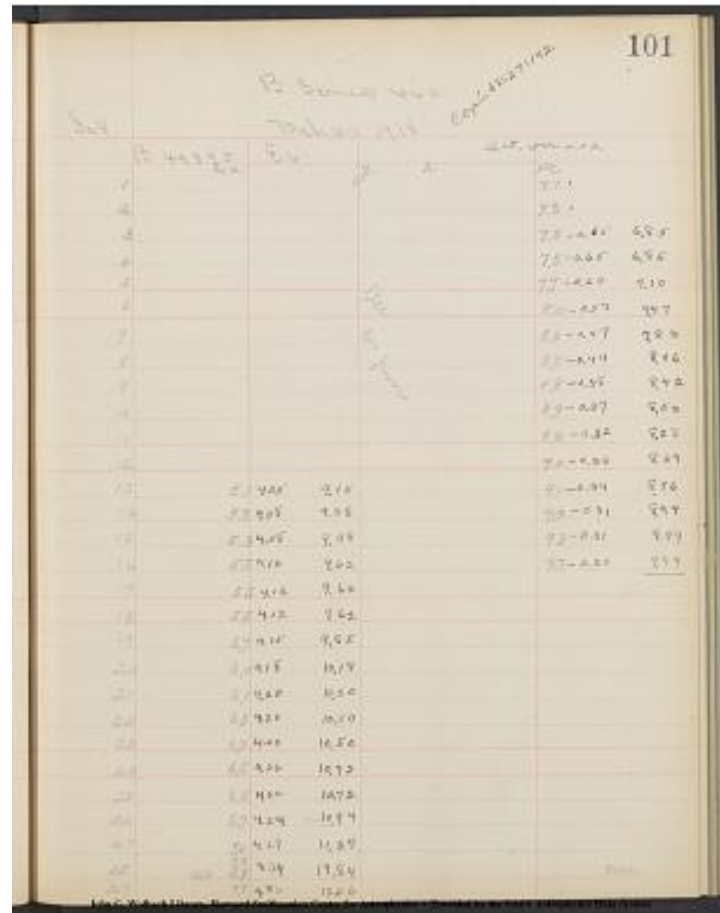
[[9 Columned Table]]

| Sc2 | | | g [[all too poor]] | h [[all too poor]] | PC | | |  
|----|----|----|----|----|----|

1					7.1	.		
2					7.3	.		
3					7.5	-0.65	6.85	
4					7.5	-0.65	6.85	
5					7.7	-0.60	7.10	
6					8.0	-0.53	7.47	
7					8.3	-0.47	7.83	
8					8.5	-0.44	8.06	
9					8.8	-0.38	8.42	
10					8.9	-0.37	8.53	
11					9.2	-0.32	8.88	
12					9.0	-0.36	8.64	
13	5.1	4.05	9.15		9.1	-0.34	8.76	
14	5.3	4.08	9.38		9.3	-0.31	8.99	
15	5.3	4.08	9.38		9.3	-0.31	8.99	
16	5.5	4.12	9.62		9.7	-0.26	<u>9.44</u>	
17	5.5	4.12	9.62					
18	5.5	4.12	9.62					
19	5.7	4.15	9.85					
20	6.0	4.18	10.18					
21	6.1	4.20	10.30					
22	6.3	4.20	10.50					
23	6.3	4.20	10.50					
24	6.5	4.22	10.72					
25	6.5	4.22	10.72					
26	6.7	4.24	10.94					
27	7.0	4.27	11.27					
28	w.s	<del>6.9</del>	<del>6.9</del>		7.5	4.34	11.84	
29	7.7	4.36	12.06					

Over

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102  
B Series 460  
ScV Mch 22, 1918  
B49895 E6 Cont

[[4 column table]]  
|---|---|---|---|

30	7.8	4.38	12.18		
31	8.2<sup>4</sup>	8.10 1	1 8.0	4.43	12.53
32	7.7	4.37	12.07		
33	8.1	4.44	12.54		
34	8.1	4.44	12.54		
35	8.7	4.54	13.24		
36	8.9	4.58	13.48		
37	9.0	4.59	13.59		
38	8.9	4.58	13.48		
39	9.7	4.74	14.44		
40	9.5	4.70	14.20		
41	F				
42					

Images on this plate very poor both in shape & definition.

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102

*B Series 460*

*ScV Mch 22, 1918*

	<i>Observed</i>	<i>Calc.</i>	<i>Residual</i>
30	7.8	4.38	12.18
31	8.2 <sup>4</sup>	<u>8.10</u>	1
32	7.7	4.37	12.07
33	8.1	4.44	12.54
34	8.1	4.44	12.54
35	8.7	4.54	13.24
36	8.9	4.58	13.48
37	9.0	4.59	13.59
38	8.9	4.58	13.48
39	9.7	4.74	<u>14.44</u>
40	9.5	4.70	14.20
41	F		
42			

*Sum of Squares = 14.44*

*in 11th & 12th columns*

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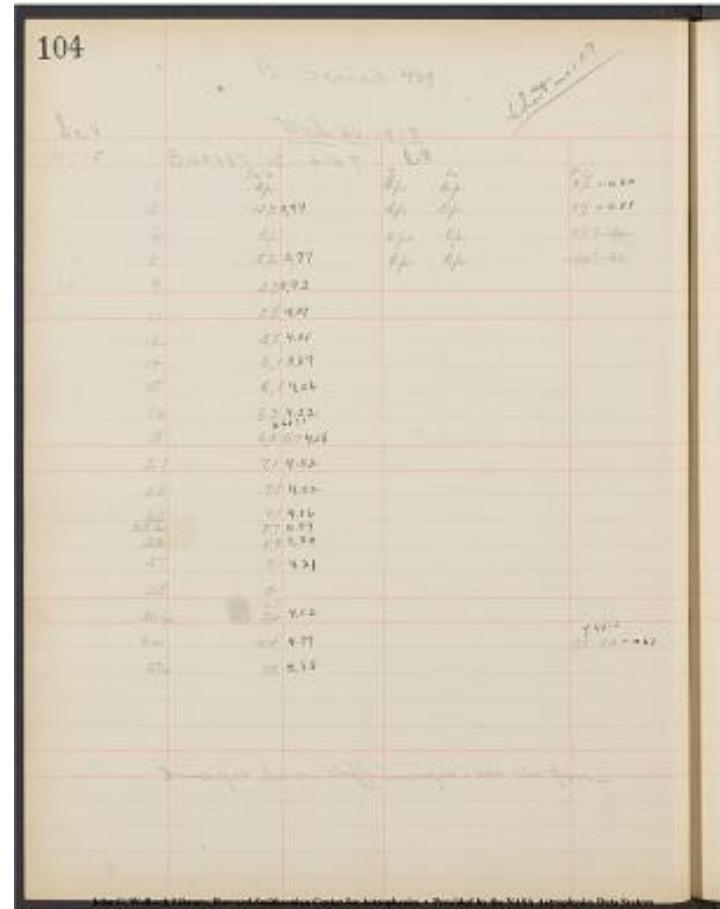
104  
 B Series 469  
 Sc V Mch 26, 1918 Sheet no. 109 11:15 B 49987 15 +14.9 C8

[[6 column table]]  
 | Sc2 | | g | h | PC |  
 |---|---|---|---|

1	tp	tp	tp	8.0 -0.80	
3	4.3	3.79	tp	8.9 -0.81	
4	tp	tp	tp	8.5 <del>[[strikethrough]]</del> ? ft <del>[[strikethrough]]</del>	
8	5.2	3.77	tp	tp	<del>[[strikethrough]] 9.8? Ft <del>[[strikethrough]]</del></del>
9	5.3	3.92			
11	5.5	4.01			
12	5.7	4.05			
14	6.1	3.87			
15	6.1	4.26			
16	6.3	4.22			
18	6.5 <sup>^</sup>	<u>6.60</u>	<u>1</u>	6.7	4.08
21	7.1	4.32			
22	7.5	4.32			
25	8.1	4.16			
25a	8.7	3.97			
26	8.9	3.83			
27	9.1	4.21			
28	F				
20a	ws	<del>[[strikethrough]]</del>	7.4	<del>[[strikethrough]]</del> 6.7	4.52
6a	4.4	4.39		9.5 9.40 <sup>^</sup>	<u>11</u> 9.3 -0.61
27a	9.8	3.88			

images poor. diff images. all too poor\_

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 ScV Mch 26, 1918  
 B49988 D8 alt. corr +.07

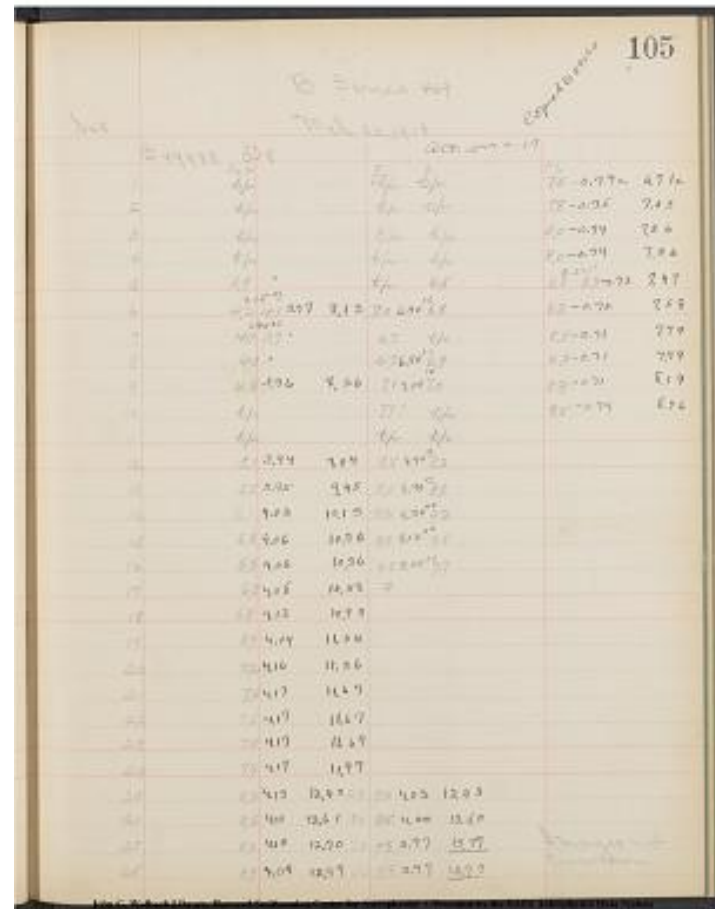
[[9 Columned Table]]

| Sc2 | | | g | h | PC | | |  
 |---|---|---|---|---|---|

1	tp			tp	tp	7.5	-0.79e	6.71e	
2	tp			tp	tp	7.8	-0.75	7.05	
3	tp			tp	tp	8.0	-0.74	7.26	
4	tp			tp	tp	8.0	-0.74	7.26	
5	3.9			tp	6.5	8.1	8.20 <sup>^</sup>	1	8.3
6	4.2	4.15 <sup>^</sup>	0	1	4.1	3.97	8.12	7.0	
7	4.0	3.95 <sup>^</sup>	0	1	3.9		6.7	tp	8.5
8	4.0				6.7	6.80 <sup>^</sup>	1	6.9	8.5
9	4.3	3.96	8.26	7.1	7.05 <sup>^</sup>	10	7.0	8.9	-0.71
10	tp			7.7?	tp	9.5	-0.74	8.76	
11	tp			tp	tp				
12	5.1	3.94	9.04	8.5	8.40 <sup>^</sup>	1	1	8.3	
13	5.5	3.95	9.45	9.0	8.90 <sup>^</sup>	1	1	8.8	
14	6.1	4.03	10.13	9.3	9.30 <sup>^</sup>	100	9.3		
15	6.3	4.06	10.36	9.5	9.50 <sup>^</sup>	100	9.5		
16	6.3	4.06	10.36	9.5	9.60 <sup>^</sup>	1	1	9.7	
17	6.5	4.08	10.58	F					
18	6.8	4.13	10.93						
19	6.9	4.14	11.04						
20	7.2	4.16	11.36						
21	7.5	4.17	11.67						
22	7.5	4.17	11.67						
23	7.5	4.17	11.67						
24	7.8	4.17	11.97						
25	8.3	4.13	12.43						
26	8.5	4.11	12.61						
27	8.6	4.10	12.70						
28	8.9	4.07	12.97						
29	9.3	4.03	13.33						
30	9.5	4.00	13.50						
31	9.8	3.97	13.77	13.77					
32	9.8	3.97	13.77	13.77					

Images not circular-

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106  
 B Series 469  
 Copied B27:142  
 ScV Mch 26, 1918  
 B49989 E6 14 - 45 alt. corr +.02

[[8 column table]]  

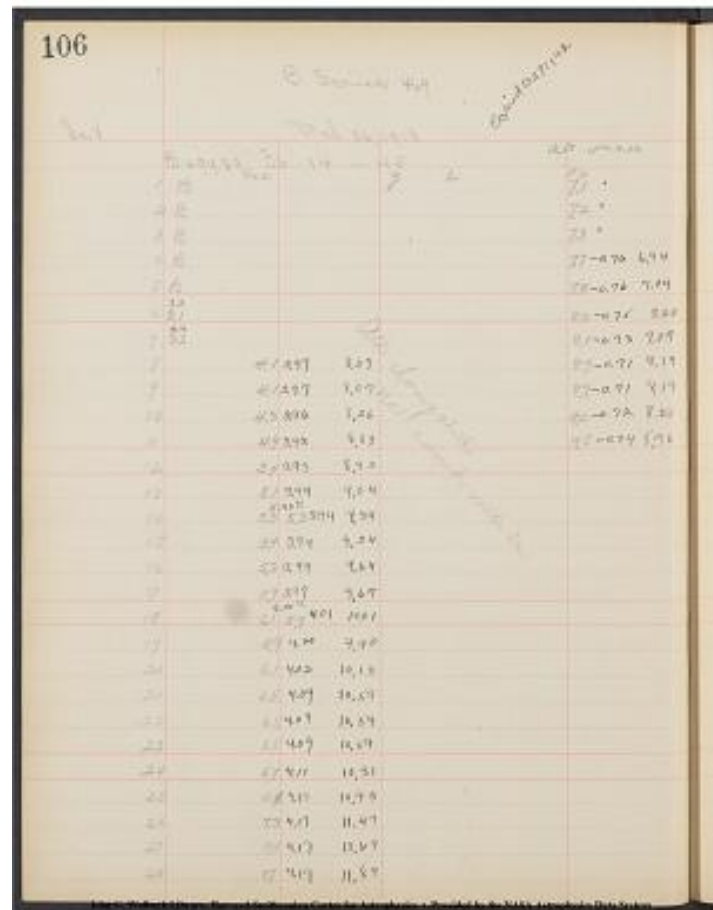
		Sc2			g	h	PC

1	B					7.1	.
2	B					7.2	.
3	B					7.3	.
4	B					7.7	-0.76 6.94
5	B					7.8	-0.76 7.04
6	3.2	3.1				8.0	-0.75 7.25
7	3.4	3.3				8.1	-0.73 7.37

[[note]] All elongated not comp with Sc. [[/note]]

8		4.1	3.97	8.07			8.9	-0.71	8.19
9		4.1	3.97	8.07			8.9	-0.71	8.19
10		4.3	3.96	8.26			9.0	-0.72	8.28
11		4.9	3.93	8.83			9.5	-0.72	8.76
12		5.0	3.93	8.93					
13		5.1	3.94	9.04					
14		5.5	[[5.40 11]]	5.3	3.94	9.34			
15		5.4	3.94	9.34					
16		5.3	3.94	9.24					
17		5.7	3.97	9.67					
18		6.1	[[6.00 11]]	5.9	4.01	10.01			
19		5.9	4.00	9.90					
20		6.1	4.02	10.12					
21		6.5	4.09	10.59					
22		6.5	4.09	10.59					
23		6.5	4.09	10.59					
24		6.7	4.11	10.81					
25		6.8	4.13	10.93					
26		7.3	4.17	11.47					
27		7.5	4.17	11.67					
28		7.7	4.17	11.87					

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B Series 469  
ScV Mch 26, 1918  
B49989 (cont)

[[ 9 Columned Table]]

| | |Sc2| | |g| h| PC| |  
|---|---|---|---|---|---|---|

29		8.1		4.15		12.25							
30		8.1		4.15		12.25							
31		8.1 <sup>^</sup>		[[8.20		[[underlined]]		1		[[/underlined]]		1]]	8.3   4.13   12.33
32		8.3		4.13		12.43							
33		8.5		4.11		12.61							
34		8.7		4.10		12.80							
35		9.0		4.07		13.07							
36		9.3		4.04		13.34							
37		9.5		4.01		13.51							
38		9.8 <sup>^</sup>		[[9.65		2		[[underlined]]		1		[[/underlined]]	]] 9.5   4.00   13.65
39		9.7		3.99		[[underlined]]		13.69		[[/underlined]]			
40		9.9		3.97		[[underlined]]		13.87		[[/underlined]]			

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108  
 B Series 469  
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 ScV Mch 26, 1918  
 B 49990 178 K 14 49-45 Alt. corr +.02

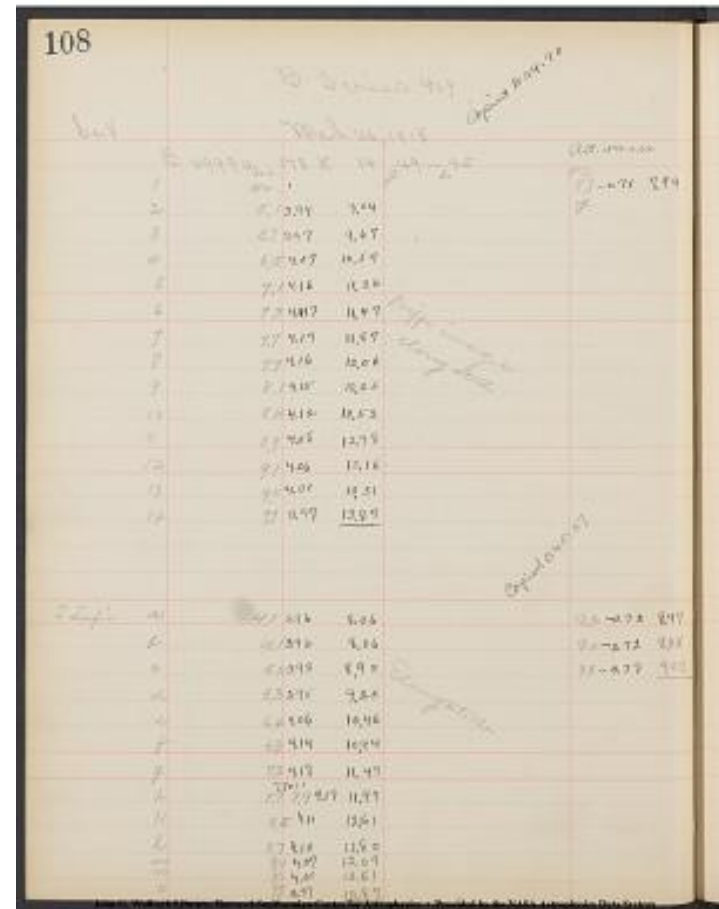
[[7 column table]]  

	Sc2		g	h	PC	
1	4.0					8.7 -0.71 7.99
2	5.1	3.94	9.04			F
3	5.7	3.97	9.67			
4	6.5	4.07	10.57			
5	7.1	4.16	11.26			
6	7.3	4.11				0   11.47
7	7.7	4.17	11.87			
8	7.9	4.16	12.06			
9	8.1	4.15	12.25			
10	8.4	4.12	12.52			
11	8.9	4.08	12.98			
12	9.1	4.06	13.16			
13	9.5	4.01	13.51			
14	9.9	3.97				13.87

Copied B45:37  

	[[S Lupi]]	a	4.1	3.96	8.06		9.2-0.73	8.47
b	4.1	3.96	8.06			9.0 -0.72	8.28	
c	5.0	3.93	8.93			9.8 -0.77	9.03	
d	5.3	3.95	9.25	Elongated				
e	6.4	4.06	10.46					
f	6.8	4.14	10.94					
g	7.3	4.17	11.47					
h	7.7	7.80				1	7.9   4.17   11.97	
k	8.5	4.11	12.61					
l	8.7	4.10	12.80					
m	9.0	4.07	13.07					
n	9.5	4.01	13.51					
o	9.9	3.97				13.87		

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109

B Series 469

ScV Mch 26, 1918

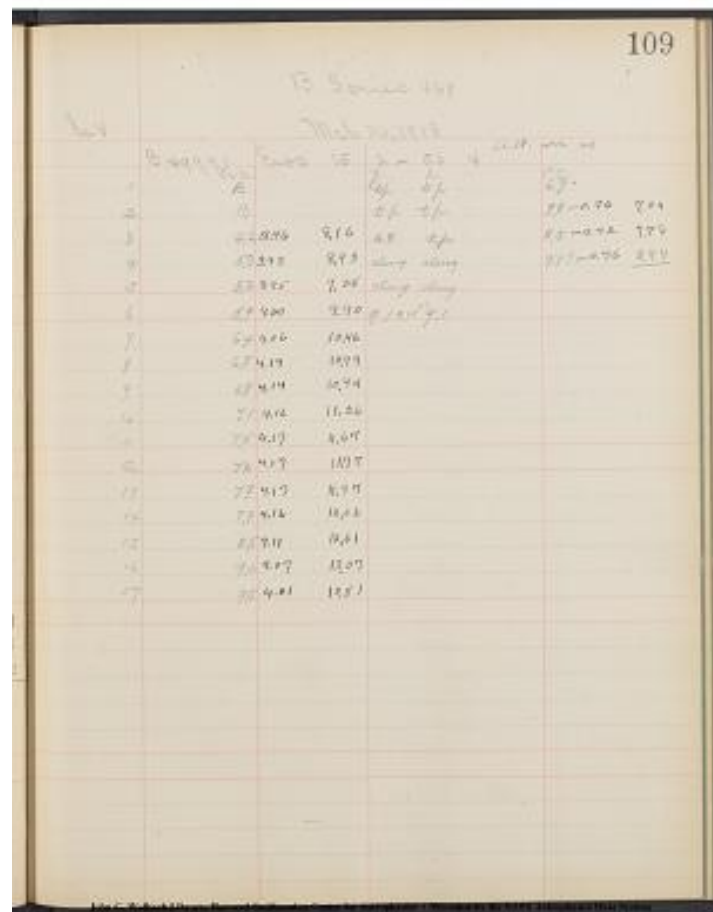
B49991 Eos 15 2 - 50 4 alt.corr 00

[[ 9 Columned Table]]

| Sc2 | | | g | h | PC | | |  
|-----|

1	B		tp	tp	6.7			
2	B		tp	tp	7.8	-0.76	7.04	
3	4.2	3.96	8.16	6.8	tp	8.5	-0.72	7.78
4	5.0	3.93	8.93	elong	elong	9.7?	-0.76	<u>8.94</u>
5	5.3	3.95	9.25	elong	elong			
6	5.9	4.00	9.90	9.1	9.10 <sup>^</sup> [[00]]	9.1		
7	6.4	4.06	10.46					
8	6.8	4.14	10.94					
9	6.8	4.14	10.94					
10	7.1	4.16	11.26					
11	7.5	4.17	11.67					
12	7.6	4.17	11.77					
13	7.8	4.17	11.97					
14	7.9	4.16	12.06					
15	8.5	4.11	12.61					
16	9.0	4.07	13.07					
17	9.5	4.01	13.51					

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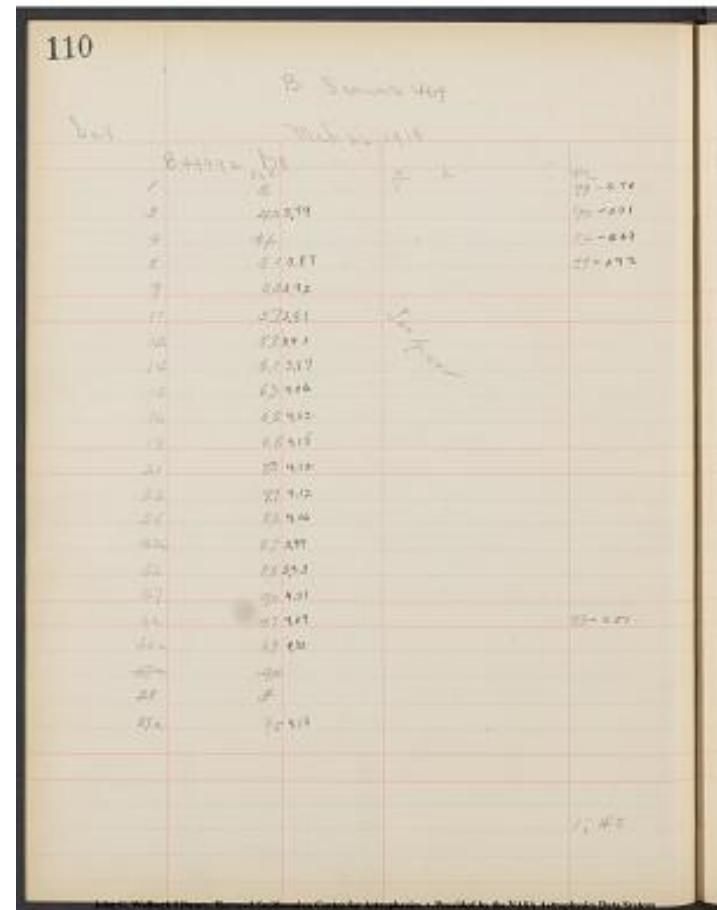
110  
 B Series 469  
 ScV Mch 26, 1918|  
 B49992 C8

[[6 column table]]  
 |Sc2| |g|h|PC|  
 |---|---|---|---|

1 B			7.9-0.70
3 4.3 3.79			9.0-0.91
4 tp			8.4-0.68
8 5.1 3.87			9.9-0.93
9 5.3 3.92			
11 5.7 3.81			
12 5.8 3.95			
14 6.1 3.87			
15 6.3 4.06			
16 6.5 4.02			
18 6.5 4.18			
21 7.3 4.12			
22 7.7 4.12			
25 8.2 4.06			
25a 8.7 3.97			
26 8.8 3.93			
27 9.0 4.31			
6a 4.7 4.09			9.3-0.51
20a 6.9 4.32			
[[ <del>27a</del> ]]			9.5[[ <del>9.5</del> ]]
28 F			
27a 9.5 4.18			

Too poor  
 1:45

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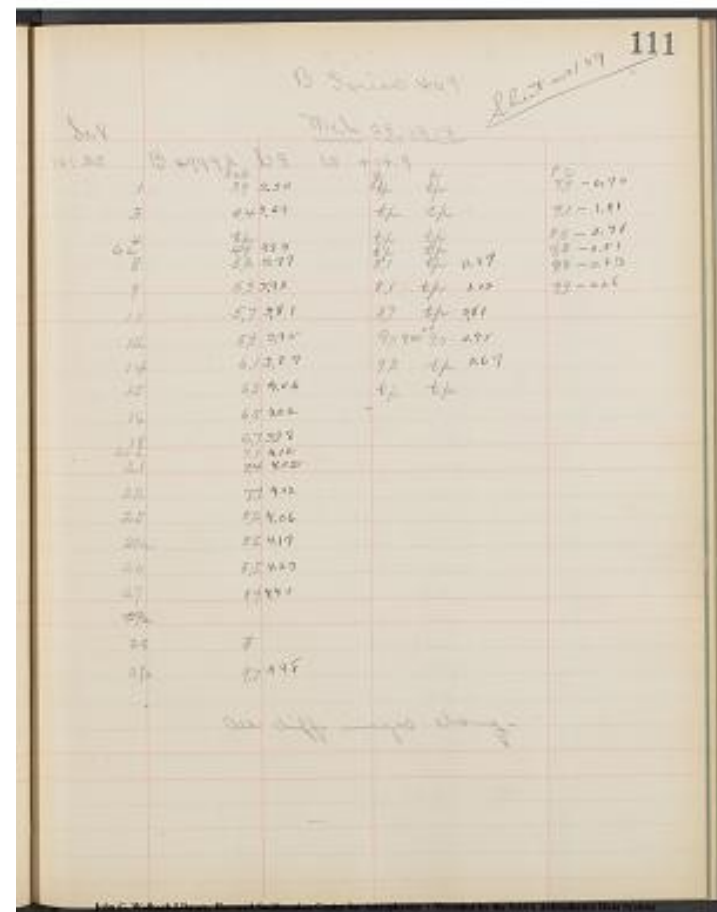
111  
 B Series 469  
Sheet no 109  
ScV Mch 28, 1918  
 10:35 B49992 C8 15 + 14.9

[[7 column table]]  
Sc2		g	h		PC

1	3.9	3.30	tp	tp	7.9 -0.70	
3	4.4	3.69	tp	tp	9.1 -1.01	
4	tp	tp	tp		8.5 -0.78	
6a	4.9	3.89	tp	tp	9.3 -0.51	
8	5.2	3.77	8.1	tp	0.87	9.8 -0.83
9	5.3	3.92	8.1	tp	1.12	9.9 -0.68
11	5.7	3.81	8.7	tp	0.81	
12	5.8	3.95	9.0	[[9.00 00]]	9.0	0.75
14	6.1	3.87	9.3	tp	0.67	
15	6.3	4.06	tp	tp		
16	6.5	4.02				
18	6.7	3.98				
20a	7.1	4.12				
21	7.4	4.02				
22	7.7	4.12				
25	8.2	4.06				
25a	8.5	4.17				
26	8.5	4.23				
27	8.9	4.41				
[[strikethrough]] 27a [[/strikethrough]]						
28	F					
27a	9.7	3.98				

all diff images along.

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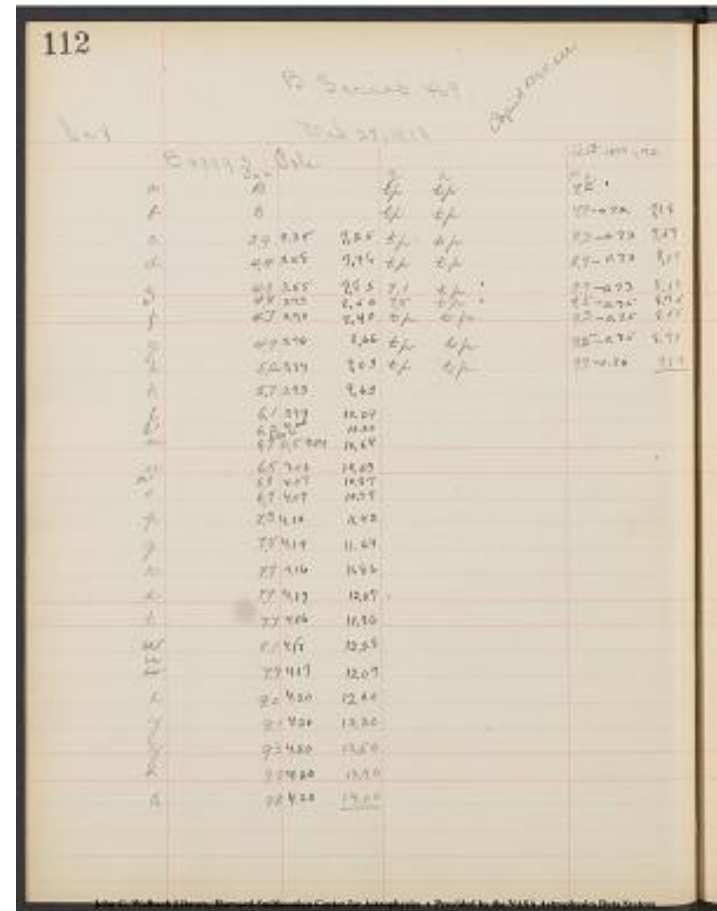
Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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 Extracted Jan-24-2023 10:35:04

112  
 B Series 469  
 Copied B45:202  
 ScV Mch 28, 1918  
 B49993 Pole Alt. corr -.92

[[7 column table]]  
Sc2			g	h	PC

a	B			tp	tp	7.2 .
b	B			tp	tp	7.9 -0.72 7.18
c	3.9	3.35	7.25	tp	tp	8.3 -0.73 8.19
d	4.4	3.58	7.98	tp	tp	8.9 -0.73 8.17
e	4.3	3.55	7.85	7.1	tp .	8.9 -0.73 8.17
e1	4.8	3.73	8.53	7.5	tp .	9.5 -0.75 8.75
f	4.7	3.70	8.40	tp	tp	9.3 -0.75 8.55
g	4.9	3.76	8.66	tp	tp	9.5 -0.75 8.75
h	5.2	3.83	9.03	tp	tp	9.9 -0.76 <u>9.14</u> <u>9.14</u>
k	5.7	3.93	9.63			
l	6.1	3.99	10.09			
l1	6.2	4.00	10.20			
m	6.7	<u>6.60</u>	<u>10.60</u>	<u>1</u>	<u>6.5</u>	4.04   10.64
n	6.5	4.03	10.53			
n1	6.8	4.07	10.87			
o	6.9	4.09	10.99			
p	7.3	4.12	11.42			
q	7.5	4.14	11.64			
r	7.7	4.16	11.86			
s	7.9	4.17	12.07			
t	7.7	4.16	12.07			
w	8.1	4.18	12.28			
<del>w</del>	<del>7.9</del>	<del>4.17</del>	<del>12.07</del>			
x	9.0	4.20	13.20			
y	9.1	4.20	13.30			
z	9.3	4.20	13.50			
alpha	9.5	4.20	13.70			
Beta	9.8	4.20	<u>14.00</u>			

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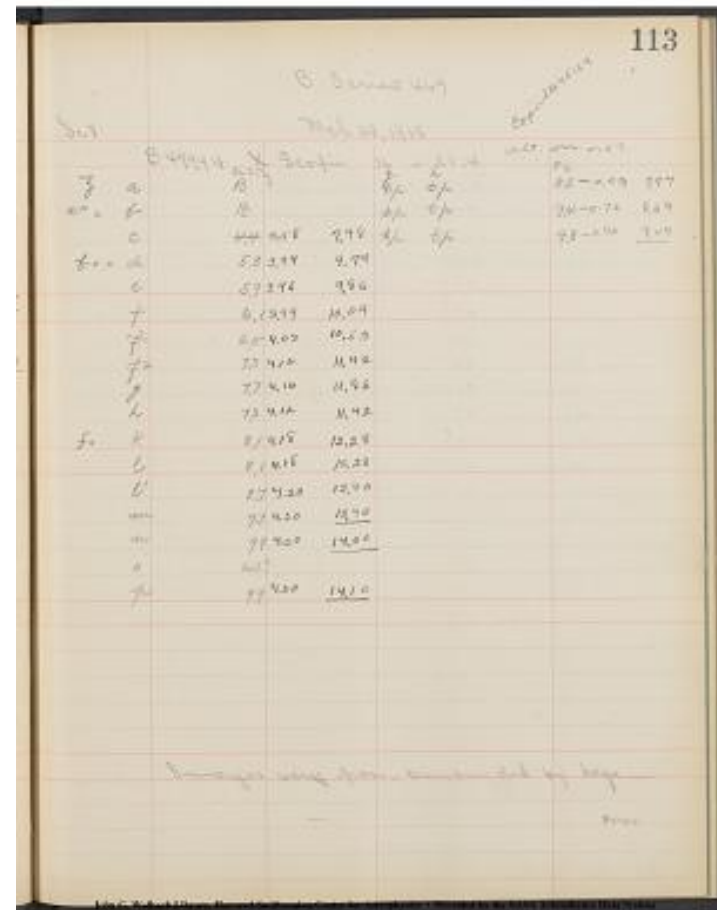
113  
 B Series 469  
 Copied B45:64  
 ScV Mch 28, 1918  
 B49994 X Scorpii 16 - 21.4 Alt. corr +.07

[[7 column table]]  
Sc2	z		g	h	PC

[[left margin]] Zeta [[/left margin]]  
 a | B | | | tp | tp | 8.5 -0.73 7.77 |  
 a° = b | B | | | tp | tp | 9.4 -0.76 8.64 |  
 c | 4.4 | 3.58 | 7.98 | tp | tp | 9.8 -0.76 9.04 |  
 b° = d | 5.8 | 3.94 | 9.74 | | | |  
 e | 5.9 | 3.96 | 9.86 | | | |  
 f | 6.1 | 3.99 | 10.09 | | | |  
 f<sup>1</sup>[[1]] | 6.5 | 4.03 | 10.53 | | | |  
 f<sup>2</sup>[[2]] | 7.3 | 4.12 | 11.42 | | | |  
 g | 7.7 | 4.16 | 11.86 | | | |  
 h | 7.3 | 4.12 | 11.42 | | | |  
 f° k | 8.1 | 4.18 | 12.28 | | | |  
 i | 8.1 | 4.18 | 12.28 | | | |  
 i<sup>1</sup>[[1]] | 8.7 | 4.20 | 12.90 | | | |  
 m | 9.7 | 4.20 | 13.90 | | | |  
 n | 9.8 | 4.20 | 14.00 | | | |  
 o | n.s? | | | | | |  
 p | 9.9 | 4.20 | 14.10 | | | |

images very poor. sumow did by hope\_  
 over

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114

B Series 469 Copied B45:65

ScV Mch 28, 1918

B49994 cont alt.corr +.07

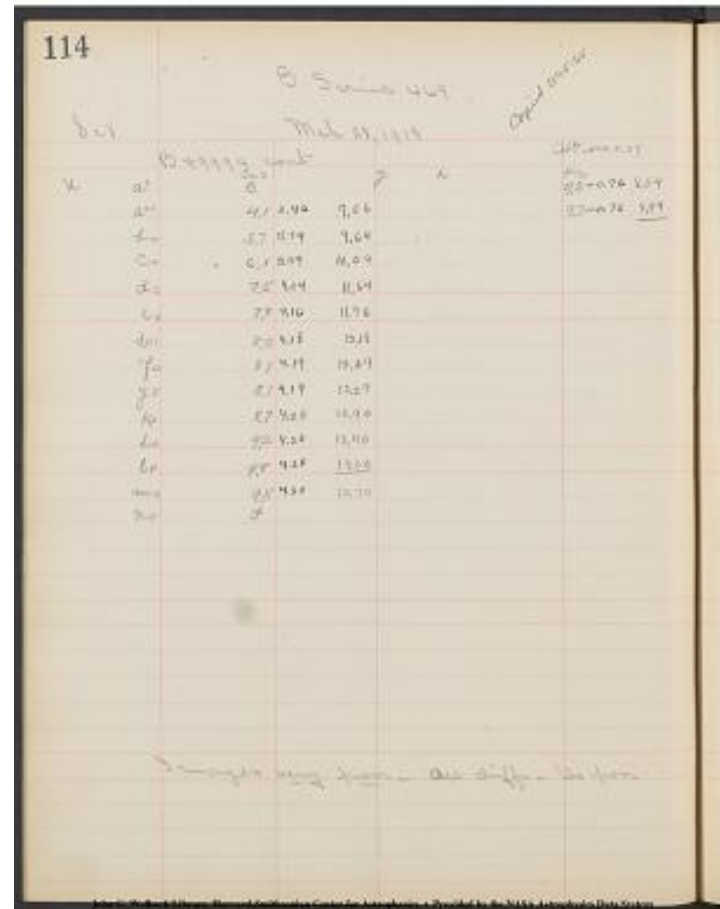
[[9 Columned Table]]

| Sc2 | | | g | h | PC | | |  
|---|---|---|---|---|---|

[[Left Margin]] X [[Left Margin]] | a° | B | | | | 9.3 | -0.76 | 8.54 |  
| a°^[[1]] | 4.1 | 3.46 | 7.56 | | | 9.7 | -0.76 | 8.94 |  
| [[/underlined]] |  
b°	5.7	3.94	9.64							
c°	6.1	3.99	10.09							
d°	7.5	4.14	11.64							
e°	7.8	4.16	11.96							
d°^[[1]]	8.0	4.18	12.18							
f°	8.1	4.19	12.29							
g°	8.1	4.19	12.29							
k°	8.7	4.20	12.90							
h°	9.2	4.20	13.40							
i°	9.8	4.20	14.00	[[/underlined]]						
m°	9.5	4.20	13.70							
n°	F									

Images very poor - all diff- too poor

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115

B Series 469 Copied B35:94

ScV Mch 28, 1918

B49995 Carte 16 0 - 23.5 alt. corr +.07

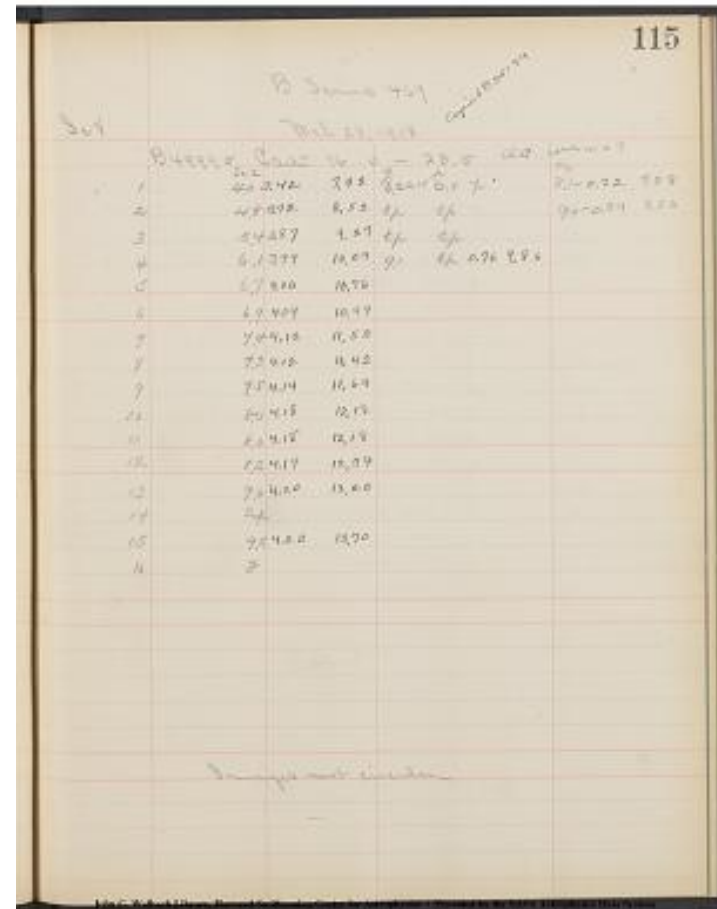
[[11 Columned Table]]

Sc2	g	h	PC
-----	---	---	----

1	4.0	3.42	7.92	6.2	6.15	<u>0</u>	<u>1</u>	6.1	
p	8.1	-0.22	7.38						
2	4.8	3.72	8.52	tp	tp		9.0	-0.24	8.26
3	5.4	3.87	9.27	tp	tp				
4	6.1	3.99	10.09	9.1	tp	0.76	9.86		
5	6.7	4.06	10.76						
6	6.9	4.09	10.99						
7	7.4	4.13	11.53						
8	7.3	4.12	11.42						
9	7.5	4.14	11.64						
10	8.0	4.18	12.18						
11	8.0	4.18	12.18						
12	8.2	4.19	12.39						
13	9.0	4.20	13.20						
14	Sup.								
15	9.5	4.20	13.70						
16	F								

Images not circular-

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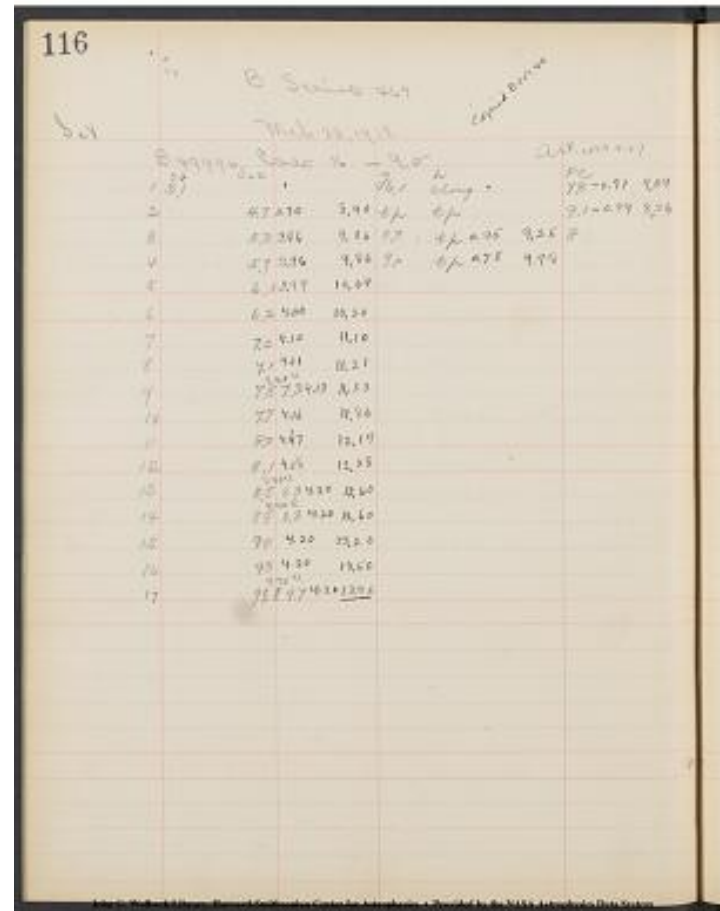
116  
 B Series 469  
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 ScV Mch 28, 1918  
 B49996 Carte 16 - 9.5 Alt. corr +.07

[[11 column table]]

	Sc2		lg	h		PC

1	3.1 <sup>^</sup> [[3.2]]			6.1	elong		7.8 -0.71 7.09
2	4.7	3.70	8.40	tp	tp		9.1 -0.24 8.36
3	5.3	3.86	9.16	8.3	tp	0.95	9.25 F
4	5.9	3.96	9.86	9.0	tp	0.78	9.78
5	6.1	3.99	10.09				
6	6.2	4.00	10.20				
7	7.0	4.10	11.10				
8	7.1	4.11	11.21				
9	7.5 <sup>^</sup> [[7.40 1[[ <u>underlined</u> ]]1[[ <u>underlined</u> ]]]]						7.3   4.13   11.53
10	7.7	4.16	11.86				
11	8.0	4.1 <del>[[<u>underlined</u>]]</del>	0 <del>[[<u>underlined</u>]]</del>				17   12.17
12	8.1	4.18	12.28				
13	8.5 <sup>^</sup> [[8.40 1[[ <u>underlined</u> ]]1[[ <u>underlined</u> ]]]]						8.3   4.20   12.60
14	8.5 <sup>^</sup> [[8.40 1[[ <u>underlined</u> ]]1[[ <u>underlined</u> ]]]]						8.3   4.20   12.60
15	9.0	4.20	13.20				
16	9.3	4.20	13.50				
17	9.87 <sup>^</sup> [[9.75 0[[ <u>underlined</u> ]]1[[ <u>underlined</u> ]]]]						9.7   4.20
	[[ <u>underlined</u> ]] 13.95 [[ <u>underlined</u> ]]						

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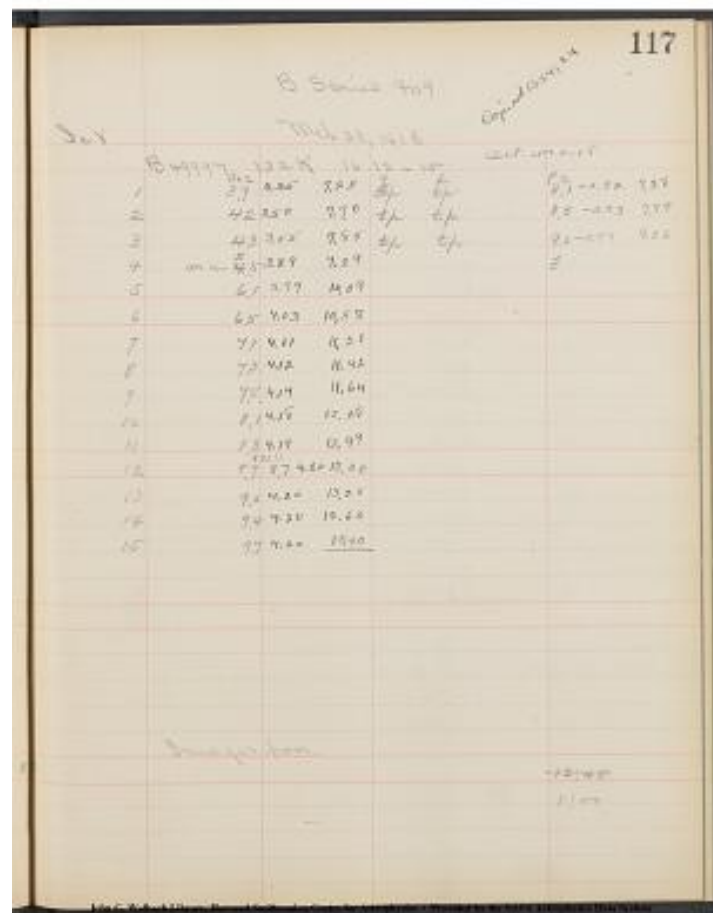
B49997 132K 16 12 - 15 alt. corr +.08

| | 002 | | | 9 | 11 | 10 |  
 |---|---|---|---|---|---|---|---|

13	9.0	4.20	13.20						
14	9.4	4.20	13.60						
15	9.7	4.20	<u>13.90</u>						

~~12:45~~ 1:00

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118

? B Series 477

[[underline]] Sheet no 108 [[/underline]]

ScV [[underline]] Apr. 3, 1918 [[/underline]]

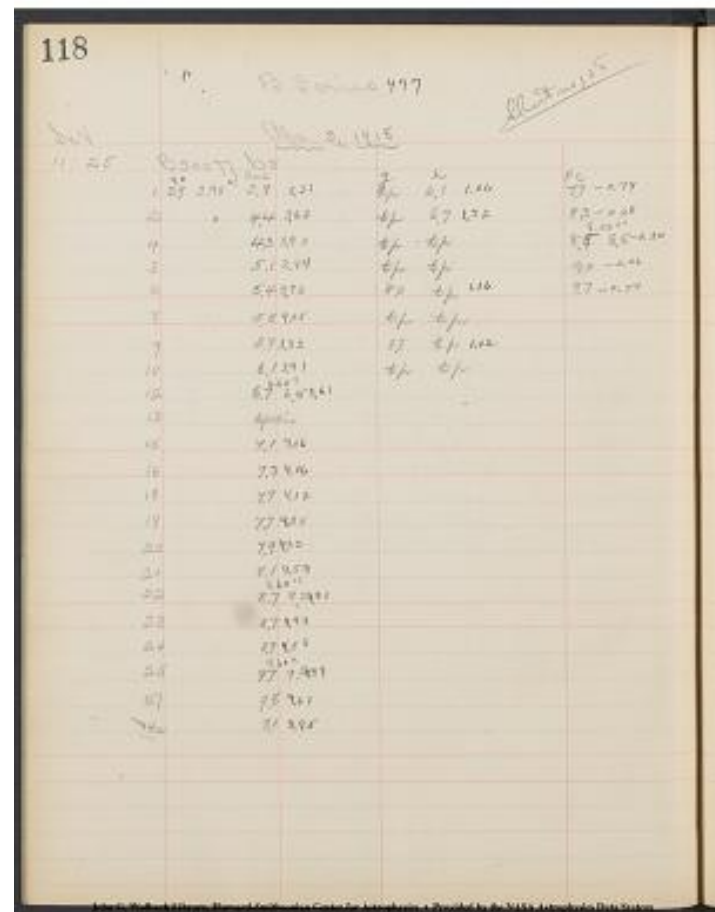
11:25 B50077 C5

[[8 column table]]

| | | Sc2 | | g | h | | PC |  
|---|---|---|---|---|---|

1	3.9	4.0	3.95	0	1	3.9	3.21	tp	6.1
1.06	7.9	-0.74							
2	4.4	3.62	tp	6.7	1.32	8.3	-0.28		
4	4.3	3.90	tp	tp	8.5	8.50	00	-0.30	
5	5.1	3.84	tp	tp	9.0	-0.06			
6	5.4	3.76	8.0	tp	1.16	9.7	-0.54		
8	5.5	4.05	tp	tp					
9	5.9	3.82	8.7	tp	1.02				
10	6.1	3.91	tp	tp					
12	6.7	6.60	1	1	6.5	3.61			
13	defective								
15	7.1	4.06							
16	7.3	4.06							
18	7.7	4.12							
19	7.7	4.35							
20	7.9	4.32							
21	8.1	4.59							
22	8.7	8.60	1	1	8.5	4.41			
23	8.7	4.49							
24	8.9	4.58							
25	9.7	9.60	1	1	9.5	4.49			
27	9.8	4.61							
14a	7.1	3.85							

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120  
 B Series 477  
 ScV Apr 3, 1918  
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 B50078 cont alt. corr -.16

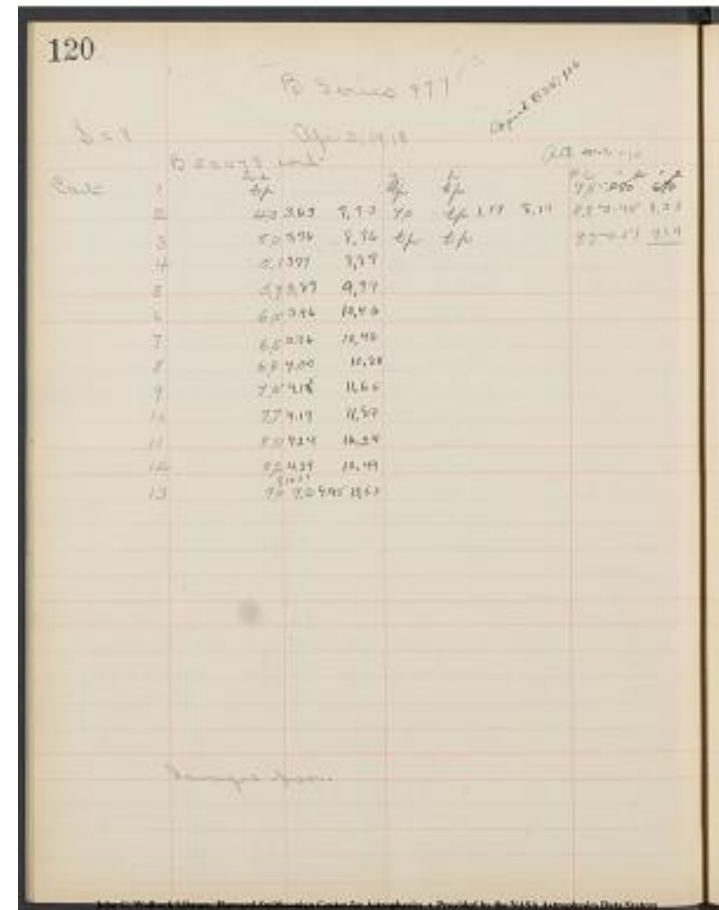
[[9 column table]]  

Sc2		g	h		PC
-----	--	---	---	--	----

1	tp		tp	tp		7.5	<del>-0.80</del>	<del>6.70</del>
2	4.3	3.63	7.93	7.0	tp	1.19	8.19	8.8 -0.45 8.35
3	5.0	3.76	8.76	tp	tp		9.7 -0.51	<u>9.19</u>
4	5.1	3.77	8.87					
5	5.9	3.89	9.79					
6	6.5	3.96	10.46					
7	6.5	3.96	10.46					
8	6.8	4.00	10.80					
9	7.5	<del>4.16</del>	<del>4.15</del>					
10	7.7	4.19	11.89					
11	8.0	4.24	12.24					
13	9.0	<u>9.10</u>	<u>11.10</u>					

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121  
 Copied B34:103  
 ScV Apr 3, 1918  
 B50079 Lagi Cld 5 22-69 Alt. corr -.40

[[4 column table]]  
Sc2	21 KO

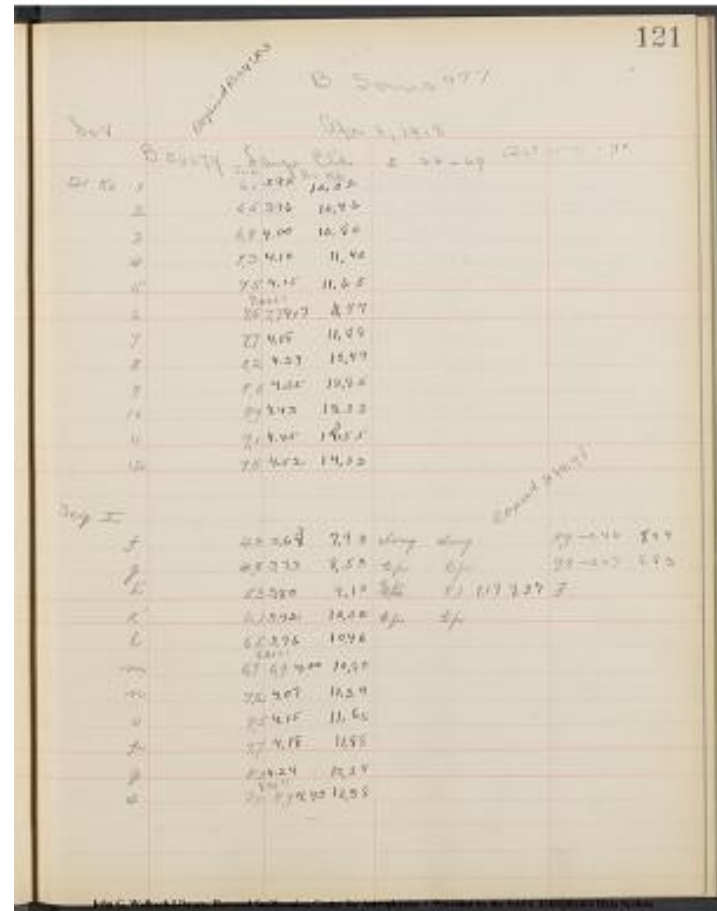
[[left margin]] 21Ks [[/left margin]]  
 1 | 6.1 | 3.92 | 10.02 |  
 2 | 6.5 | 3.96 | 10.46 |  
 3 | 6.8 | 4.00 | 10.80 |  
 4 | 7.3 | 4.10 | 11.40 |  
 5 | 7.5 | 4.15 | 11.65 |  
 6 | 7.5^[[7.60 [[/underlined]]1[[/underlined]]1]] 7.7 | 4.17 | 11.77 |  
 7 | 7.7 | 4.18 | 11.88 |  
 8 | 8.2 | 4.29 | 12.49 |  
 9 | 8.5 | 4.35 | 12.85 |  
 10 | 8.9 | 4.43 | 13.33 |  
 11 | 9.1 | 4.45 | 1[[~~13.55~~]]4[[~~13.55~~]] 13.55 |  
 12 | 9.5 | 4.52 | 14.02 |

Seq I Copied B44:98

[[9 column table]]  
Sc2	21KO						

| f | 4.3 | 3.6[[~~3.6~~]] 4 [[~~3.6~~]] 3 | 7.93 | elong | elong |  
 | 8.9 -0.46 8.94 |  
 g | 4.8 | 3.73 | 8.53 | tp | tp | | | 9.3 -0.47 8.83 |  
 h^[[1]] | 5.3 | 3.80 | 9.10 | [[~~8.12~~]] tp | 8.1 |  
 1.17 | 9.27 | F |  
 k^[[1]] | 6.1 | 3.92 | 10.02 | tp | tp | | |  
 l | 6.5 | 3.96 | 10.46 | | | | |  
 m | 6.7^[[6.80[[/underlined]]1[[/underlined]]1]] 6.9 | 4.00 | 10.80 | | | |  
 |  
 n | 7.2 | 4.07 | 11.27 | | | | |  
 o | 7.5 | 4.15 | 11.65 | | | | |  
 p | 7.7 | 4.18 | 11.88 | | | | |  
 q | 8.0 | 4.24 | 12.24 | | | | |  
 s | 9.0 8.95^[[01]] 8.9 | 4.43 | 13.38 | | | | |

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122  
 B Series 477  
 22 N's Bk34:130  
 Sq v Copied Bk44:92  
 Sq TV Copied Bk44.86  
 Copied B44:102

ScV Apr 3, 1918  
 B50079 cont alt. corr -.40

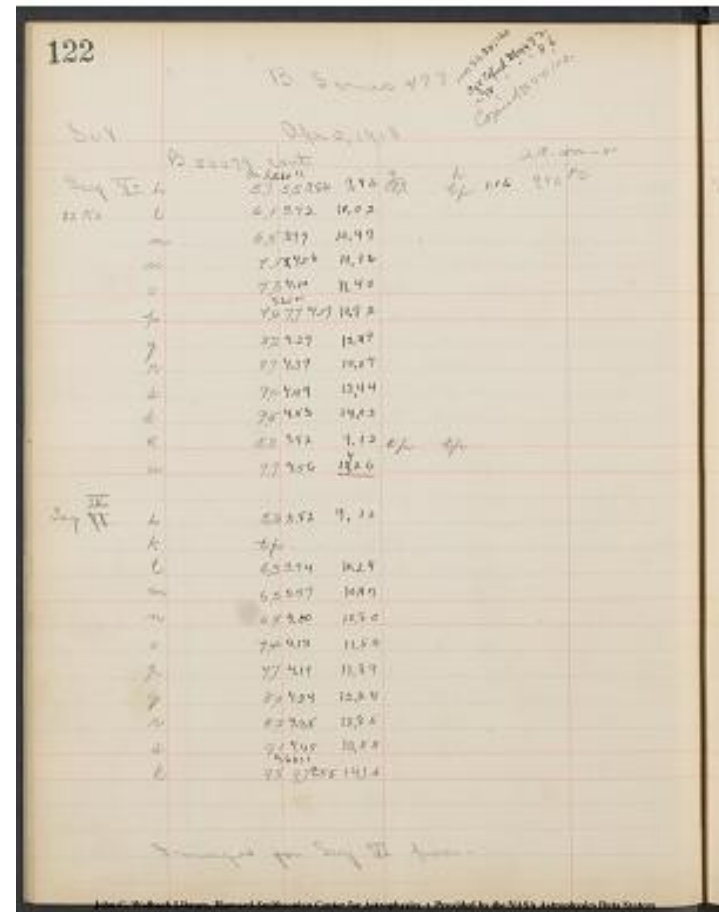
[[9 column table]]  
 | | Sc2 | | | g | h | | | PC |  
 |---|---|---|---|---|---|---|

| Seq = h | 5.7^<sup>h</sup> | 5.60 | 1 | 5.5 | 3.86 | 9.46 |  
 8.5 | tp | 1.16 | 9.46 | | | | | |  
 22 Ks | | 6.1 | 3.92 | 10.02 | | | | |  
 m | 6.5 | 3.97 | 10.47 | | | | | |  
 n | 7.1 | ~~3~~ | 4.06 | 11.16 | | | | |  
 o | 7.3 | 4.10 | 11.40 | | | | | |  
 p | 7.6^<sup>h</sup> | 7.65 | 01 | 7.7 | 4.17 | 11.82 | | | | |  
 q | 8.2 | 4.29 | 12.49 | | | | | |  
 r | 8.7 | 4.37 | 13.07 | | | | | |  
 s | 9.0 | 4.44 | 13.44 | | | | | |  
 t | 9.5 | 4.53 | 14.03 | | | | | |  
 k | 5.3 | 3.82 | 9.12 | tp | tp | | | | |  
 w | 9.7 | 4.56 | 1 | ~~3~~ | 4.26 |  
1 | | | | |

Seq ~~VI~~ ~~IV~~  
 h | 5.3 | 3.82 | 9.12 | | | | | |  
 k | tp | | | | | | | |  
 l | 6.3 | 3.94 | 10.24 | | | | | |  
 m | 6.5 | 3.97 | 10.47 | | | | | |  
 n | 6.8 | 4.00 | 10.80 | | | | | |  
 o | 7.4 | 4.13 | 11.53 | | | | | |  
 p | 7.7 | 4.19 | 11.89 | | | | | |  
 q | 8.0 | 4.24 | 12.24 | | | | | |  
 r | 8.5 | 4.35 | 12.85 | | | | | |  
 s | 9.1 | 4.45 | 13.55 | | | | | |  
 t | 9.5^<sup>h</sup> | 9.60 | 1 | 1 | 9.7 | 4.55 | 14.15 | | | |

Images for Seq VI poor.

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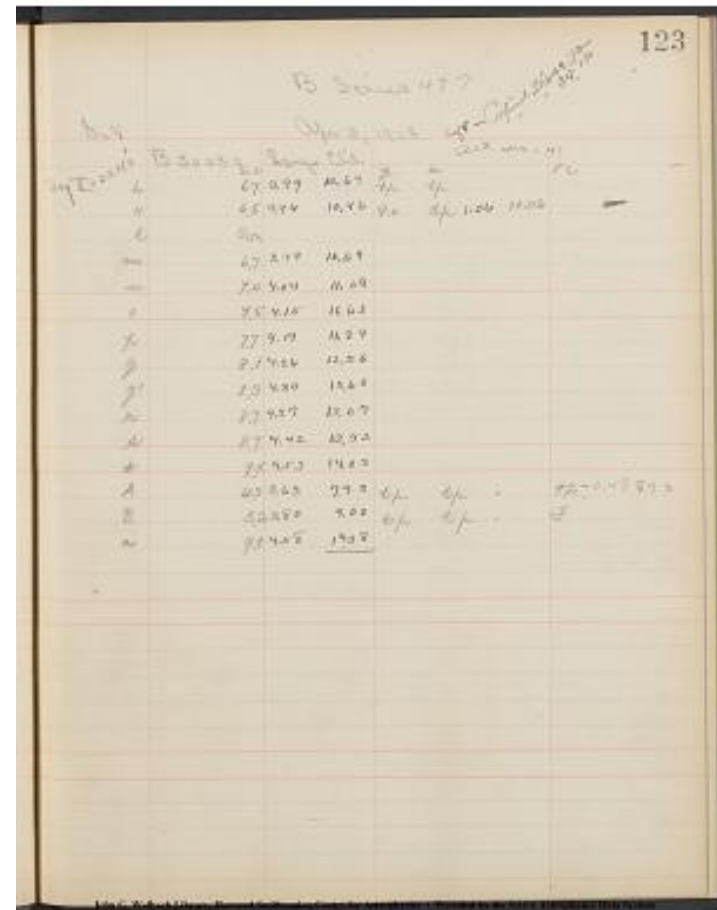
123

B Series 477  
 ScV Apr 3, 1918  
 Seq V - Copied Bk44:92  
 Copied Bk34:130  
 B50080 Larqe Cld alt. corr -.41

[9 column table]  
 | Sc2 | | | g | h | | | PC |  
 |---|---|---|---|---|---|---|

	Seq	V=22	K's	h	6.7	3.99	10.69	tp	tp			
K	6.5	3.96	10.46	9.0	tp	1.06	10.06	-				
l	scr											
m	6.7	3.99	10.69									
n	7.0	4.04	11.04									
o	7.5	4.15	11.65									
p	7.7	4.19	11.89									
q	8.1	4.26	12.36									
q <sup>^</sup> [1]	8.3	4.30	12.60									
r	8.7	4.37	13.07									
s	8.9	4.42	13.32									
t	9.5	4.53	14.03									
A	4.3	3.63	7.93	tp	tp	.	9.2	-0.47	8.73			
B	5.2	3.80	9.00	tp	tp	.	F					
w	9.8	4.58	<u>14.38</u>	<u>14.38</u>								

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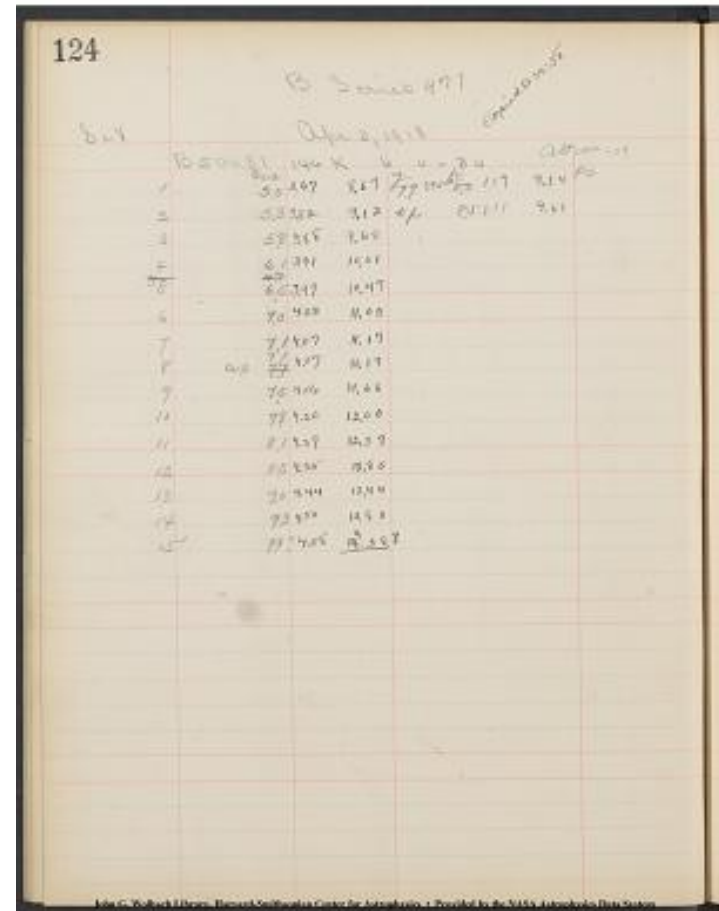
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 Transcribed and Reviewed by Digital Volunteers  
 Extracted Jan-24-2023 10:35:04

124  
 B Series 477  
 Copied B34:38  
 ScV Apr 3, 1918  
 B50081 146 K 6 0-30 Alt corr -.09

[[9 column table]]  
Sc2			g	h		PC

| 1 | 5.0 | 3.67 | 8.67 | 7.9 7.95^[[[[underlined]]] 1 [[/underlined]] 0]] | 8.0 |  
 1.19 | 9.14 | | | | | | | |  
2	5.3	3.82	9.12	tp	8.5	1.11	9.61		
3	5.8	3.88	9.68						
4	6.1	3.91	10.01						
~~4a~~	~~4a~~	~~4a~~	~~4a~~	~~4a~~	~~4a~~	~~4a~~	~~4a~~	~~4a~~	
5	6.5	3.97	10.47						
6	7.0	4.03	11.03						
7	7.1	4.07	11.17						
8	w.s ~~7.7~~	~~7.7~~	~~7.1~~	4.07	11.17				
9	7.5	4.16	11.66						
10	7.8	4.20	12.00						
11	8.1	4.27	12.37						
12	8.5	4.35	12.85						
13	9.0	4.44	13.44						
14	9.3	4.50	13.80						
15	9.8?	4.58	1	~~3~~	~~4.38?~~				

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125

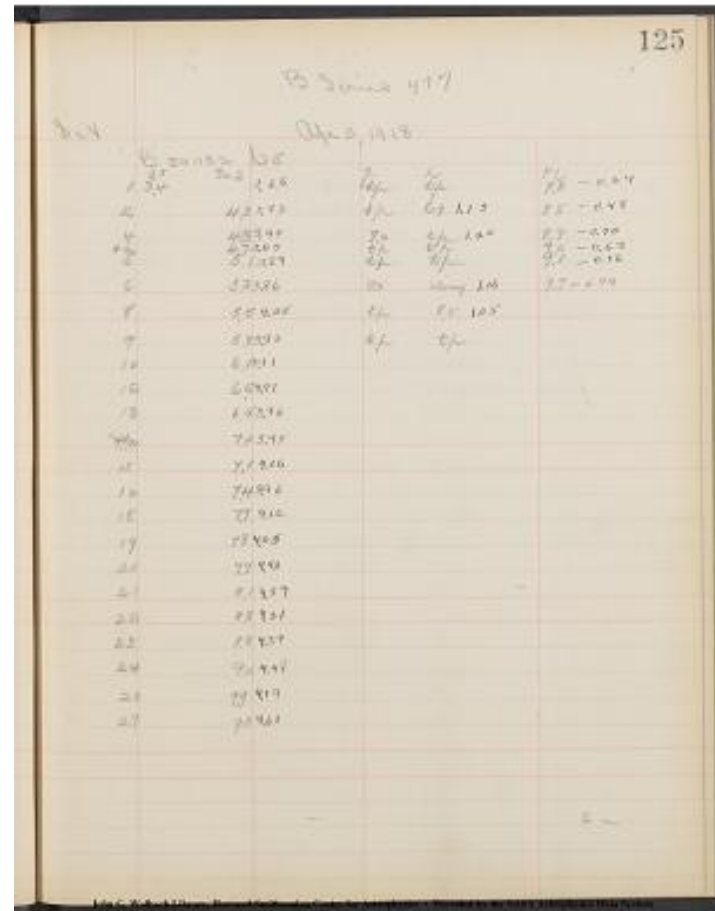
B Series 477  
ScV Apr 3, 1918  
B50082 C5

[[8 column table]]  
| | | Sc2 | | g | h | | PC |  
|---|---|---|---|---|---|---|

1	3.5	3.4		3.66	tp	tp		7.8 -0.64
2	4.3	3.72	tp	6.9	1.12	8.5 -0.48		
4	4.3	3.90	7.0	tp	1.20	8.9 -0.70		
4a	4.7	3.67	tp	tp	9.0 -0.63			
5	5.1	3.84	tp	tp	9.1 -0.16			
6	5.3	3.86	8.0	elong	1.16	9.9 -0.74		
8	5.5	4.05	tp	8.5	1.05			
9	5.8	3.92	tp	tp				
10	6.1	3.91						
12	6.5	3.71						
13	6.5	3.96						
15	7.1	4.06						
16	7.4	3.96						
18	7.7	4.12						
19	7.8	4.25						
20	7.7	4.42						
21	8.1	4.59						
22	8.8	4.21						
23	8.8	4.39						
24	8.8	4.21						
25	9.9	4.19						
27	9.8	4.61						

2-

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126

B Series 477

ScV Apr 8, 1918Sheet no 106

10:35 B50082 C5

[[8 column table]]

	Sc2	g	h	PC

1	3.3 <sup>^</sup> [3.4]	3.76	tp	tp	7.8 -0.64
2	4.2 <sup>^</sup> [4.10 1[[ <u>underlined</u> ]]1[[ <u>underlined</u> ]]]]	4.0	3.92	elong	6.9   1.12   8.3 -0.28
4	4.1 <sup>^</sup> [4.20 [[ <u>underlined</u> ]]1[[ <u>underlined</u> ]]1]]	4.3	4.00	7.1	tp   1.10   9.0 -0.80
4a	4.6	3.77	tp	tp	8.9 -0.53
5	5.0	3.94	tp	tp	9.3 -0.36
6	5.2	3.96	8.0	tp	1.16   9.9? -0.74
8	5.4	4.15			
9	5.8	3.92			
10	6.1	3.91			
12	6.3	3.91			
13	6.5	3.96			
14a	6.9	4.05			
15	7.1	4.06			
16	7.3	4.06			
18	7.5	4.32			
19	7.7	4.35			
20	7.7	4.52			
21	8.1	4.59			
22	8.7	4.31			
23	8.9	4.29			
24	9.0	4.48			
25	9.8	4.29			
27	9.9	4.51			
12a	6.3				All diff images elong.

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126

B Series 477

Sc2

g

h

PC

1 3.3<sup>^</sup>[3.4] 3.76 tp tp 7.8 -0.64

2 4.2<sup>^</sup>[4.10 1[[underlined]]1[[underlined]]]] 4.0 3.92 elong 6.9 | 1.12 | 8.3 -0.28

4 4.1<sup>^</sup>[4.20 [[underlined]]1[[underlined]]1]] 4.3 4.00 7.1 tp | 1.10 | 9.0 -0.80

4a 4.6 3.77 tp tp 8.9 -0.53

5 5.0 3.94 tp tp 9.3 -0.36

6 5.2 3.96 8.0 tp 1.16 9.9? -0.74

8 5.4 4.15

9 5.8 3.92

10 6.1 3.91

12 6.3 3.91

13 6.5 3.96

14a 6.9 4.05

15 7.1 4.06

16 7.3 4.06

18 7.5 4.32

19 7.7 4.35

20 7.7 4.52

21 8.1 4.59

22 8.7 4.31

23 8.9 4.29

24 9.0 4.48

25 9.8 4.29

27 9.9 4.51

12a 6.3 All diff images elong.

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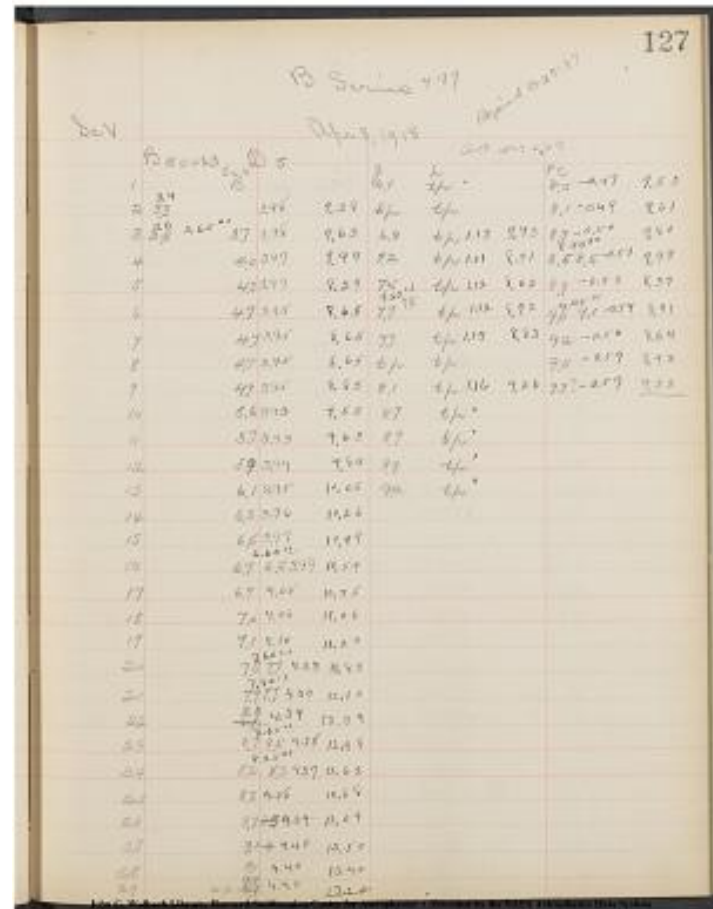
127  
 B Series 479  
 Copied B27:37  
 ScV Apr 8, 1918  
 B500083 D5 Alt. corr +.07

[[10 column table]]

| | | Sc2 | | | g | h | | | PC |  
 |---|---|---|---|---|---|---|---|

1		B		6.1		tp		8.0 -0.47 7.53	
2		3.3^[[3.4]]		3.98		7.38		tp   tp	8.1 -0.49 7.61
3		3.5^[[3.6 3.65 01]]		3.7		3.98		7.63   6.8   tp   1.13   7.93   8.3 -0.50	
4		4.0		3.97		7.97		7.2   tp   1.11   8.31   8.5^[[8.50 00]]	8.5-0.51
5		4.3		3.97		8.27		7.5   tp   1.12   8.62   8.9 -0.53 8.37	
6		4.7		3.95		8.65		7.7^[[7.60 1[[underlined]]1[[/underlined]]]]	7.5
7		1.12		8.72		9.0^[[9.05 01]]		9.1 -0.54 8.41	
8		4.7		3.95		8.65		7.7   tp   1.13   8.83   9.2 -0.56 8.64	
9		4.9		3.95		8.85		8.1   tp   1.16   9.26   9.9? -0.57	[[underline]]
10		5.6		3.93		9.53		8.7   tp   .   .   .	
11		5.7		3.93		9.63		8.7   tp   .   .   .	
12		5.9		3.94		9.84		8.9   tp   .   .   .	
13		6.1		3.95		10.05		9.2   tp   .   .   .	
14		6.3		3.96		10.26			
15		6.5		3.97		10.47			
16		6.7^[[6.60^ 1[[underlined]]1[[/underlined]]]]		6.5		3.99		10.59	
17		6.9		4.05		10.95			
18		7.0		4.06		11.06			
19		7.1		4.10		11.20			
20		7.5^[[7.60 [[underlined]]1[[/underlined]]1]]		7.7		4.23		11.83	
21		7.9^[[7.80 1[[underlined]]1[[/underlined]]]]		7.7		4.30		12.10	
22		<del>[[Scp]]</del>		<del>[[Scp]]</del>		9.0		4.34	12.34
23		8.7^[[8.60 1[[underlined]]1[[/underlined]]]]		8.5		4.38		12.98	
24		8.2^[[8.25 01]]		8.3		4.37		12.62	
25		8.3		4.38		12.68			
26		8.7 <del>[[Scp]]</del>		8.5 <del>[[Scp]]</del>		4.39		13.09	
27		9.1 <del>[[Scp]]</del>		8 <del>[[Scp]]</del>		4.40		13.50	
28		9.0		4.40		13.40			
29		w.s <del>[[Scp]]</del>		8.9 <del>[[Scp]]</del>		9.8		4.40	
		<del>[[Scp]]</del>		13.20 <del>[[Scp]]</del>					

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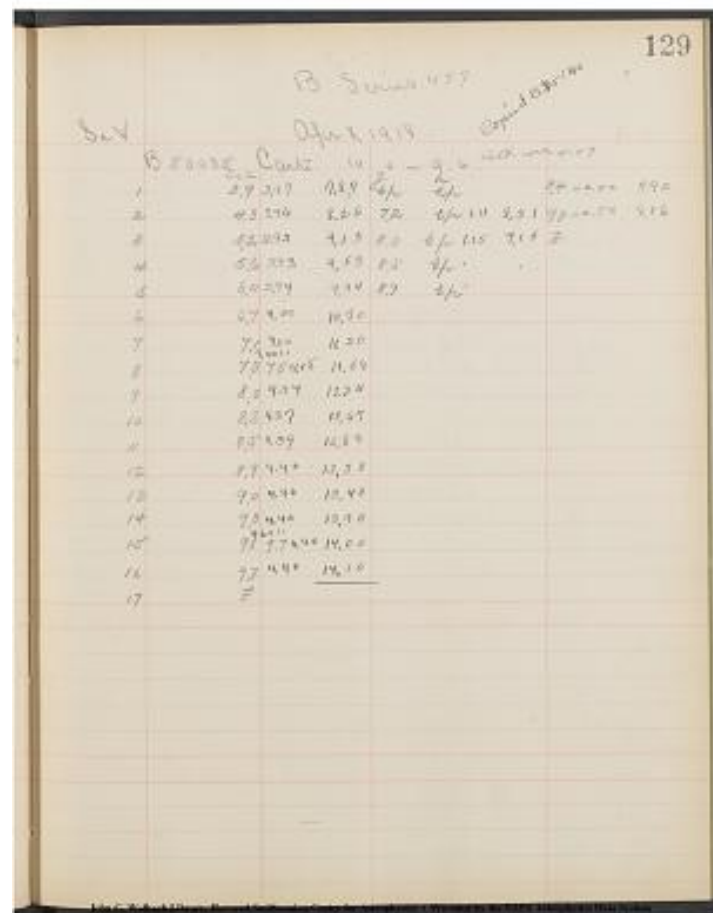
129  
 B Series 477  
 ScV Apr 8, 1918  
 Copied B35:40  
 B50085 Carte 10 0 - 9.6 Alt. corr +.07

[[9 column table]]

Sc2		g	h					
-----	--	---	---	--	--	--	--	--

1	3.9	3.97	7.87	tp	tp			8.4 -0.50 7.90
2	4.3	3.96	8.26	7.2	tp	1.11	8.31	9.0 -0.54 8.46
3	5.2	3.93	9.13	8.0	tp	1.15	9.15	F
4	5.6	3.93	9.53	8.5	tp	.	.	
5	6.0	3.94	9.94	8.9	tp	.	.	
6	6.7	4.00	10.70					
7	7.1	4.10	11.20					
8	7.3^	[[7.40]]	1	[[underline] 1]]		7.5	4.18	11.58
9	8.0	4.34	12.34					
10	8.3	4.37	12.67					
11	8.5	4.39	12.89					
12	8.9	4.40	13.40					
13	9.0	4.40	13.70					
14	9.3	4.40	13.70					
15	9.5^	[[9.60]]	1	[[underline] 1]]		9.7	4.40	14.00
16	9.7	4.40	[[underline] 14.10	[[underline]]				
17	F							

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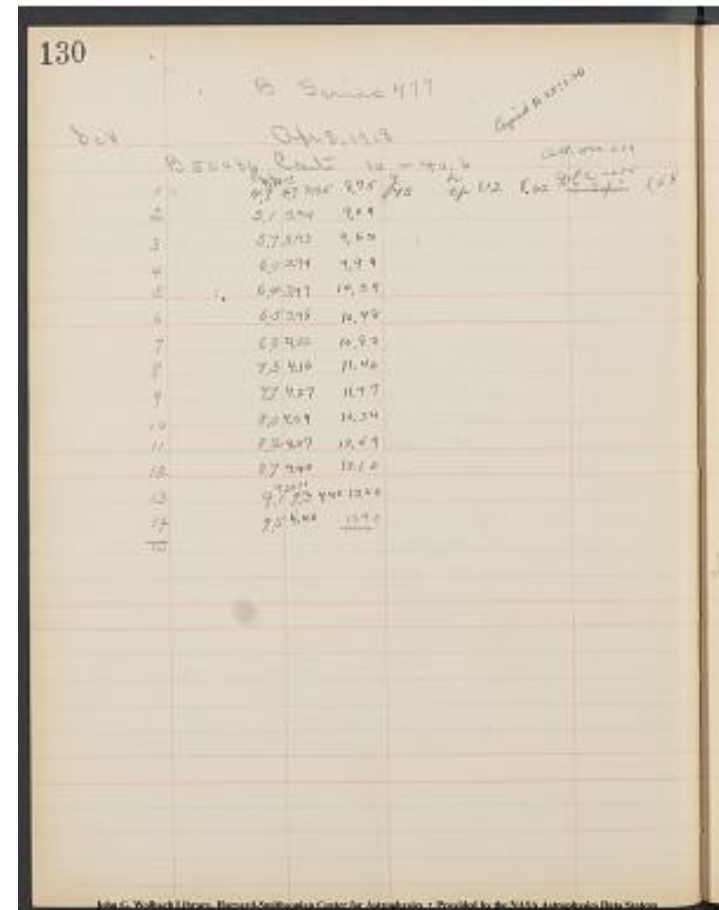
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130  
 B Series 477  
 ScV Apr 8, 1918  
 Copied B35:136  
 B50086 Carte 10 - 40.6 Alt. corr +.04

[[9 column table]]  
 | Sc2 | | | g | h | | | PC |  
 |---|---|---|---|---|---|---|

| 1 | 4.9 | 4.80^[[1]]1]]4.7 | 3.95 | 8.75 | .75 | tp |  
 1.12 | 8.62 | 9.1 ~~9.1~~ ? sup? ~~9.1~~ -0.55 8.55 |  
 2 | 5.1 | 3.94 | 9.04 | | | | | |  
 3 | 5.7 | 3.93 | 9.63 | | | | | |  
 4 | 6.0 | 3.94 | 9.94 | | | | | |  
 5 | 6.4 | 3.97 | 10.37 | | | | | |  
 6 | 6.5 | 3.98 | 10.48 | | | | | |  
 7 | 6.8 | 4.02 | 10.82 | | | | | |  
 8 | 7.3 | 4.16 | 11.46 | | | | | |  
 9 | 7.7 | 4.27 | 11.97 | | | | | |  
 10 | 8.0 | 4.34 | 12.34 | | | | | |  
 11 | 8.2 | 4.37 | 12.57 | | | | | |  
 12 | 8.7 | 4.40 | 13.10 | | | | | |  
 13 | 9.1 | 9.20^[[1]]1]]9.3 | 4.40 | 13.60 |  
 14 | 9.5 | 4.40 | ~~13.90~~ | | | | | |  
~~15~~ | ~~13.90~~ | ~~15~~ | | | | | |

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131  
 B Series 477  
 ScV Apr 8, 1918  
 Copied B35:184  
 B 50087 Carte 10 0 - 64.5 Alt. corr -.13

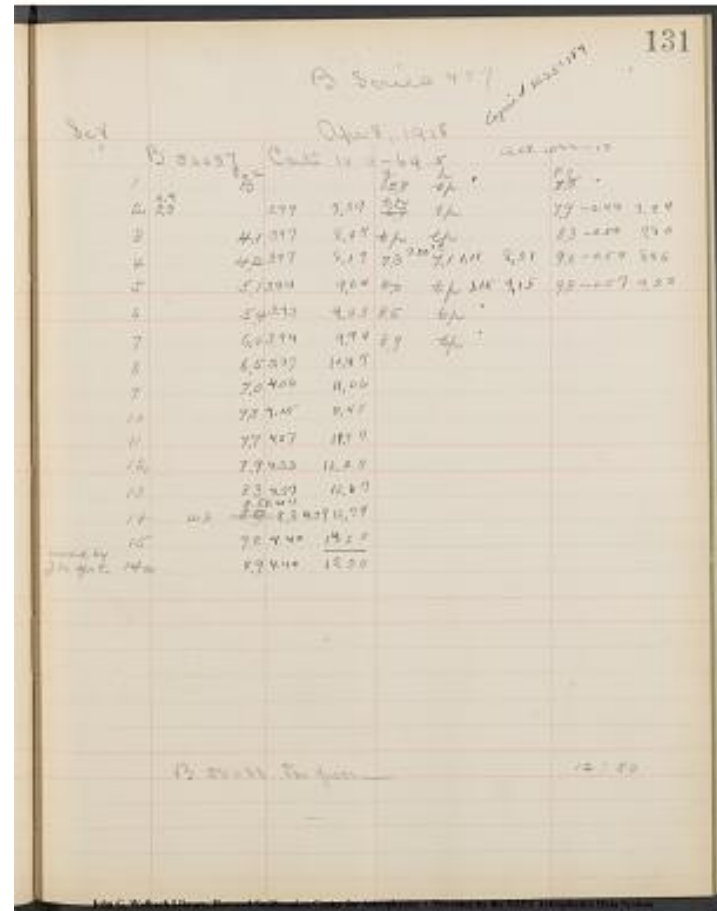
[[10 column table]]

		Sc2			g	h			PC
----	----	----	----	----	----	----	----	----	----

1		B		5.8	tp	.		7.3	.
2	3.4	3.3		3.99	7.39		<del>6.7</del>	<del>tp</del>	tp
				7.9	-0.46	7.44			
3	4.1	3.97	8.07	tp	tp			8.3	-0.50 7.80
4	4.2	3.97	8.17	7.3	7.20 <sup>^</sup>	<u>1</u>	<u>1</u>		7.1
1.11	8.31	9.0	-0.54	8.46					
5	5.1	3.94	9.04	8.0	tp	1.15	9.15	9.8	-0.57 9.23
6	5.4	3.93	9.33	8.5	tp				
7	6.0	3.94	9.94	8.9	tp				
8	6.5	3.97	10.47						
9	7.0	4.06	11.06						
10	7.3	4.15	11.45						
11	7.7	4.27	11.97						
12	7.9	4.33	12.23						
13	8.3	4.37	12.67						
14	w.s	<del>8.9</del>	<del>8.5</del>	<u>8.40</u>	<u>1</u>				
1	<u>8.3</u>	4.39	12.79						
15	9.8	4.40	<u>14.20</u>						
added by JM	Apr 8.	14a	8.9	4.40	13.30				

B 50088 too poor\_\_ 12:50

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132

Remeasures of disc. variables in M15  
[[Apr 13, 1918]]

[[2 columned table]]

Seq 1

|No 3|No 21|

|MW 2619| MW 2593[☒]|

|15.6| 15.5|

|MW 3439|MW 2595[☒]|

|15.8| 15.5|

| MW 2596[☒]|

| 15.6|

No 4

|H 1716|MW2619 [☒]|

|153|16.1?|

|MW3429|MW2621|

|16.0|15.5|

No 5

| MW2624[☒]|

| 15.3|

|H1716|MW 3395[☒]|

|16.0|15.3 very poor pl.|

No 6

|MW 3439|MW 3401[☒]|

|16.2 ~~?~~ ~~tp 15.6?~~|

No 13

| MW3429|

| 16.1|

|MW2582|MW3446[☒]|

|15.8|15.2|

|MW2618|X8869|

|15.8|15.5|

|H1745|X8912[☒]|

|15.2|15.8|

No 15

|H 1719|X8920[☒]|

|16.0|15.5? v.p|

[[right margin]] No 21 is a very difficult star  
to measure. [[/right margin]]

132

Remeasures of disc. variables in M15

Apr 13, 1918

No.	MW	Seq
No. 3	MW 2619	15.6
No. 21	MW 2593	15.5
No. 4	MW 3439	15.8
No. 5	MW 2595	15.5
No. 6	MW 2596	15.6
No. 13	MW 3429	16.1
No. 15	H 1719	15.5
No. 15	X 8920	15.5

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Remeasures of variables in M15  
Apr 13, 1918

[[3 column table]]

No 26	MW 3396	
No 26	15.8?	No 36
	MW 2613	
	15.9	X 8920 .
No 27	15.5 diff	
	X 7985	MW 2604
	16.3	15.8
	MW 2590	2619
	16.5	16.15
	MW 2595	MW 2624
	16.8	1m of v scr.
	MW 2602	MW 3437
No 28	16.8	15.6
	MW 2580	MW 3439
	16.0	15.7
	MW 2584	No 39
	15.6	X 7986
No 34		15.7 .
	MW 2582	MW 3395
	14.7	15.9 .
	MW 2585	H 1728
	14.7	15.5 .
No 35		
	X 7986	
	15.7	
No 40		
	X 12162	H 1732
	15.6	16.0
	MW 2580	
	15.5	
	MW 2619	
	15.6	
	MW 3439	
	15.6	

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[illegible]

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Oct 29, 1917

Page	Date	Time	Place	Remarks
1	1894	10.00	10.00	10.00
2	1894	10.00	10.00	10.00
3	1894	10.00	10.00	10.00
4	1894	10.00	10.00	10.00
5	1894	10.00	10.00	10.00
6	1894	10.00	10.00	10.00
7	1894	10.00	10.00	10.00
8	1894	10.00	10.00	10.00
9	1894	10.00	10.00	10.00
10	1894	10.00	10.00	10.00
11	1894	10.00	10.00	10.00
12	1894	10.00	10.00	10.00
13	1894	10.00	10.00	10.00
14	1894	10.00	10.00	10.00
15	1894	10.00	10.00	10.00
16	1894	10.00	10.00	10.00
17	1894	10.00	10.00	10.00
18	1894	10.00	10.00	10.00
19	1894	10.00	10.00	10.00
20	1894	10.00	10.00	10.00
21	1894	10.00	10.00	10.00
22	1894	10.00	10.00	10.00
23	1894	10.00	10.00	10.00
24	1894	10.00	10.00	10.00
25	1894	10.00	10.00	10.00
26	1894	10.00	10.00	10.00
27	1894	10.00	10.00	10.00
28	1894	10.00	10.00	10.00
29	1894	10.00	10.00	10.00
30	1894	10.00	10.00	10.00
31	1894	10.00	10.00	10.00
32	1894	10.00	10.00	10.00
33	1894	10.00	10.00	10.00
34	1894	10.00	10.00	10.00
35	1894	10.00	10.00	10.00
36	1894	10.00	10.00	10.00
37	1894	10.00	10.00	10.00
38	1894	10.00	10.00	10.00
39	1894	10.00	10.00	10.00
40	1894	10.00	10.00	10.00
41	1894	10.00	10.00	10.00
42	1894	10.00	10.00	10.00
43	1894	10.00	10.00	10.00
44	1894	10.00	10.00	10.00
45	1894	10.00	10.00	10.00
46	1894	10.00	10.00	10.00
47	1894	10.00	10.00	10.00
48	1894	10.00	10.00	10.00
49	1894	10.00	10.00	10.00
50	1894	10.00	10.00	10.00
51	1894	10.00	10.00	10.00
52	1894	10.00	10.00	10.00
53	1894	10.00	10.00	10.00
54	1894	10.00	10.00	10.00
55	1894	10.00	10.00	10.00
56	1894	10.00	10.00	10.00
57	1894	10.00	10.00	10.00
58	1894	10.00	10.00	10.00
59	1894	10.00	10.00	10.00
60	1894	10.00	10.00	10.00
61	1894	10.00	10.00	10.00
62	1894	10.00	10.00	10.00
63	1894	10.00	10.00	10.00
64	1894	10.00	10.00	10.00
65	1894	10.00	10.00	10.00
66	1894	10.00	10.00	10.00
67	1894	10.00	10.00	10.00
68	1894	10.00	10.00	10.00
69	1894	10.00	10.00	10.00
70	1894	10.00	10.00	1



B Series 429  
 ScV Apr 17, 1918  
 Copied B27:52  
 B49572 D7 alt. corr +.06

[[7 column table]]  
			g	h	PC

1	5.1	.	.	.	.	.
2	tp	.	.	.	.	.
3	tp	.	.	.	.	.
4	6.1	2.07	8.17	.	.	.
5	6.1	2.07	8.17	.	.	.
6	tp	.	.	.	.	.
7	tp	.	.	.	.	.
8	6.1	2.07	8.17	.	.	.
9	6.3	2.13	8.43	.	.	.
10	6.7	2.23	8.93	.	.	.
11	7.0	2.28	9.28	.	.	.
12	7.5	2.33	9.83	.	.	.
13	7.5	2.33	9.83	.	.	.
14	7.7	2.32	10.02	.	.	.
15	7.8	2.31	10.11	.	.	.
16	8.0	2.30	10.30	.	.	.
17	8.3	2.26	10.56	.	.	.
18	scr	.	.	.	.	.
19	8.7	[8.80	[underline] 1	[/underline] 1]	8.9	2.12   10.92
20	9.3	[9.40	[underline] 1	[/underline] 1]	9.5	1.90   11.30
21	F	.	.	.	.	.

Very poor plate. images not circular.

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Handwritten astronomical observation log on page 137 of a notebook. The page is titled "B Series 429" and "ScV Apr 17, 1918". It contains a table of measurements for variables in M15 #55. The table has columns for "B49572 D7", "alt. corr +.06", and "PC". The data is handwritten in ink and includes values like 5.1, 6.1, 6.3, 6.7, 7.0, 7.5, 7.7, 7.8, 8.0, 8.3, 8.7, 9.3, and 9.5. The page number "137" is written in the top right corner.

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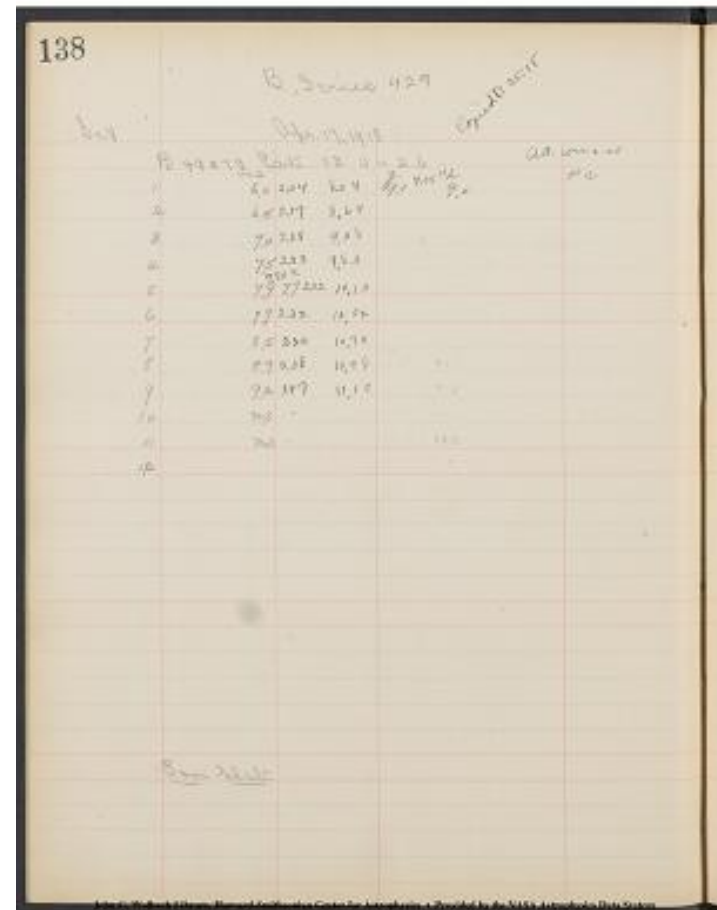
138  
 B Series 429  
 Copied B 35:18  
 Scv Apr. 17, 1918  
 B49573 Carte 13 U - 2.6 alt. corr + .05

[[7 column table]]  
Sc2			g	h	PC

1	6.0	2.04	8.04	9.1 <sup>^</sup> [[9.05 10]]	9.0	
2	6.5	2.17	8.64			
3	7.0	2.28	9.28			
4	7.5	2.33	9.83			
5	7.9 <sup>^</sup> [[7.80 1	[[ <u>7.80</u> ]]	1	[[ <u>7.80</u> ]]	1	[[ <u>7.80</u> ]]
6	7.7	2.32	10.02			
7	8.5	2.20	10.70			
8	8.9	2.08	10.98			
9	9.2	1.97	11.17			
10	n.s	.				
11	n.s	.				
12	<del>n.s</del>	<del>.</del>	<del>.</del>	<del>.</del>	<del>.</del>	<del>.</del>

[[Poor plate]]

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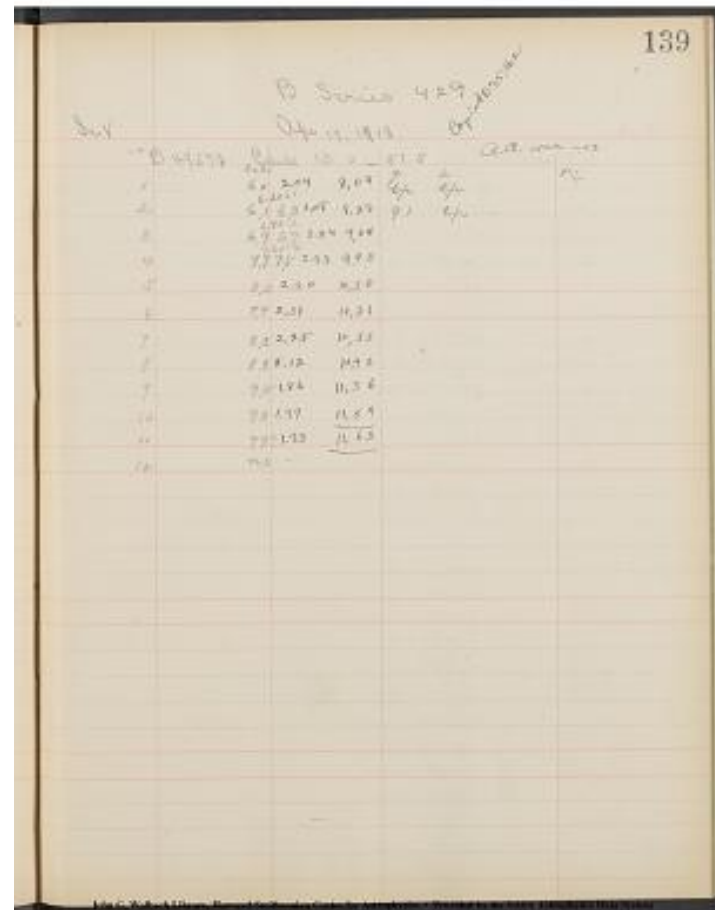
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139  
 B Series 429  
 Copied B35:162  
 Scv Apr. 17, 1918  
 B49574 Carte 113 U \_ 51.5 Alt. corr - .03

[[7 column table]]  
Sc2			g	h	PC

1	6.0	2.04	8.04	tp	tp	
2	6.1 <sup>^</sup>	<u>6.20</u>	<u>1</u>	<u>1</u>	6.3	2.08   8.28   9.1   tp
3	6.9 <sup>^</sup>	<u>6.80</u>	<u>1</u>	<u>1</u>	6.7	2.24   9.04
4	7.7 <sup>^</sup>	<u>7.60</u>	<u>1</u>	<u>1</u>	7.5	2.33   9.93
5	8.0	2.30	10.30			
6	7.9	2.31	10.21			
7	8.3	2.25	10.55			
8	8.8	2.12	10.92			
9	9.5	1.86	11.36			
10	9.8	1.77	<u>11.57</u>			
11	9.9?	1.73	<u>11.63</u>			
12	n.s	.				

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140  
 B Series 429  
 ScV Apr 17, 1918  
 Copied B45:29  
 B49575 RT Cont 13 45-36 Alt. corr +.04  
 RX Cont

[[7 column table]]  

	Sc2		g	h	PC	
--	-----	--	---	---	----	--

 -----

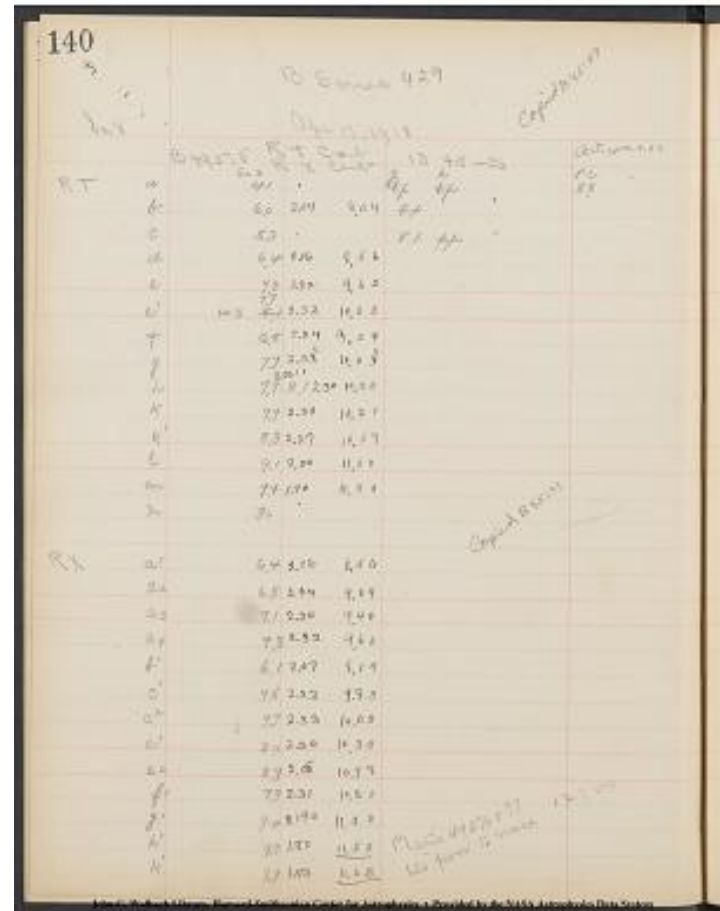
RT a	4.1	.		tp	tp	
b	6.0	2.04	8.04	<del>8.1</del>	<del>8.1</del>	
c	5.3	.	8.1	tp		
d	6.4	2.16	8.56			
e	7.3	2.32	9.62			
e <sup>^</sup> [[1]]	w.s	<del>8.1</del>	<del>7.7</del>	2.32	10.02	
f	6.8	2.24	9.04			
g	7.7	2.3	<del>10.0</del>	<del>3</del>	<del>10.0</del>	<del>3</del>
h	7.9 <sup>^</sup>	<u>8.00</u>	<u>1</u>	<u>1</u>	8.1	2.30   10.30
k	7.9	2.31	10.21			
k <sup>^</sup> [[1]]	8.3	2.27	10.57			
l	9.1	2.00	11.10			
m	9.4	1.90	11.30			
n	Ft	.				

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RX a <sup>^</sup> [[1]]	6.4	2.16	8.56			
a <sup>^</sup> [[2]]	6.8	2.24	9.04			
a <sup>^</sup> [[3]]	7.1	2.30	9.40			
a <sup>^</sup> [[4]]	7.3	2.32	9.62			
b <sup>^</sup> [[1]]	6.1	2.07	8.17			
c <sup>^</sup> [[1]]	7.5	2.33	10.03			
c <sup>^</sup> [[2]]	7.7	2.33	10.03			
e <sup>^</sup> [[1]]	8.0	2.30	10.30			
e <sup>^</sup> [[2]]	8.9	2.08	10.98			
f <sup>^</sup> [[1]]	7.9	2.31	10.21			
g <sup>^</sup> [[1]]	9.4	<del>2</del>	<del>1.90</del>	11.30		
h <sup>^</sup> [[1]]	9.7	1.80	<u>11.50</u>			
k <sup>^</sup> [[1]]	9.9	1.73	<u>11.65</u>			

[[note]] Plates 49576 & 77 too poor 1: meas. [[/note]]  
 12:00

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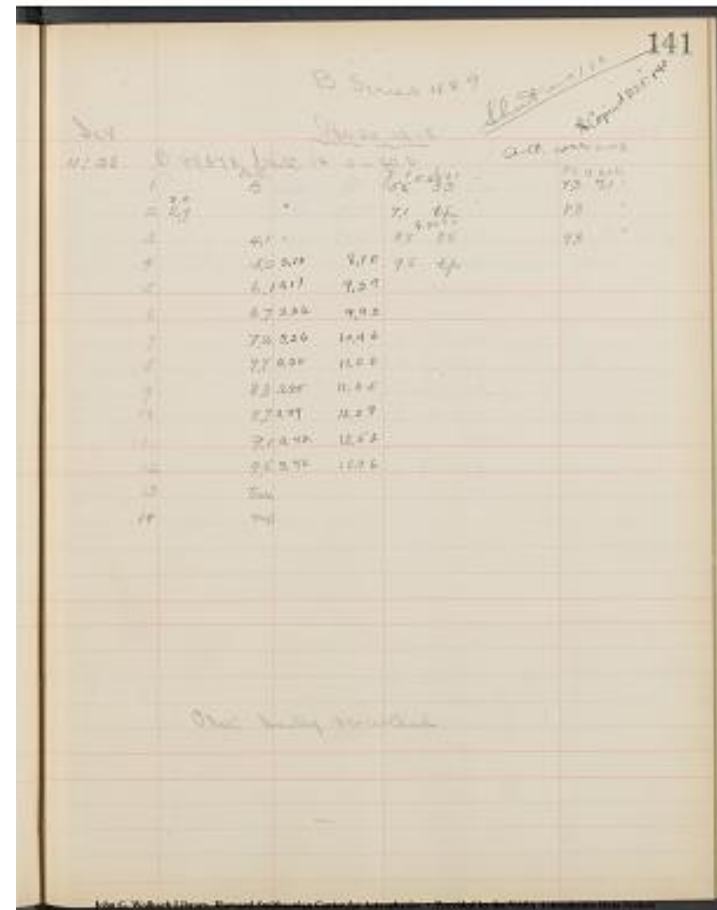
Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
 Transcribed and Reviewed by Digital Volunteers  
 Extracted Jan-24-2023 10:35:04

141  
 B Series 429  
 ScV Apr 20, 1918  
Sheet no 110  
~~S~~ ~~Copied B35:140~~  
 11:25 B49578 Carte i4 U\_ 40.6 Alt. corr +.03

[[8 column table]]  
 | | | Sc2 | | | g | h | PC |  
 |---|---|---|---|---|---|

| 1 | | B | | | 5. ~~5~~ 1<sup>^</sup>5.20  
 1 1 5.3 | . | 7.3<sup>^</sup>7.20 1 1 7.1.  
 | 2 | 2.9<sup>^</sup>3.0 | | . | | 7.1 | tp | 8.3 . |  
 3 | 4.1 | . | | 8.5<sup>^</sup>8.50 | 8.5 | 9.8 . |  
 4 | 5.0 | 3.10 | 8.10 | 9.5 | tp | |  
 5 | 6.1 | 3.17 | 9.27 | | | |  
 6 | 6.7 | 3.22 | 9.92 | | | |  
 7 | 7.2 | 3.26 | 10.46 | | | |  
 8 | 7.7 | 3.30 | 11.00 | | | |  
 9 | 8.3 | 3.35 | 11.65 | | | |  
 10 | 8.7 | 3.39 | 12.09 | | | |  
 11 | 9.1 | 3.42 | 12.52 | | | |  
 12 | 9.5 | 3.46 | 12.96 | | | |  
 13 | scr. | | | | | |  
 14 | n.s. | | | | | |

plate badly scratched



Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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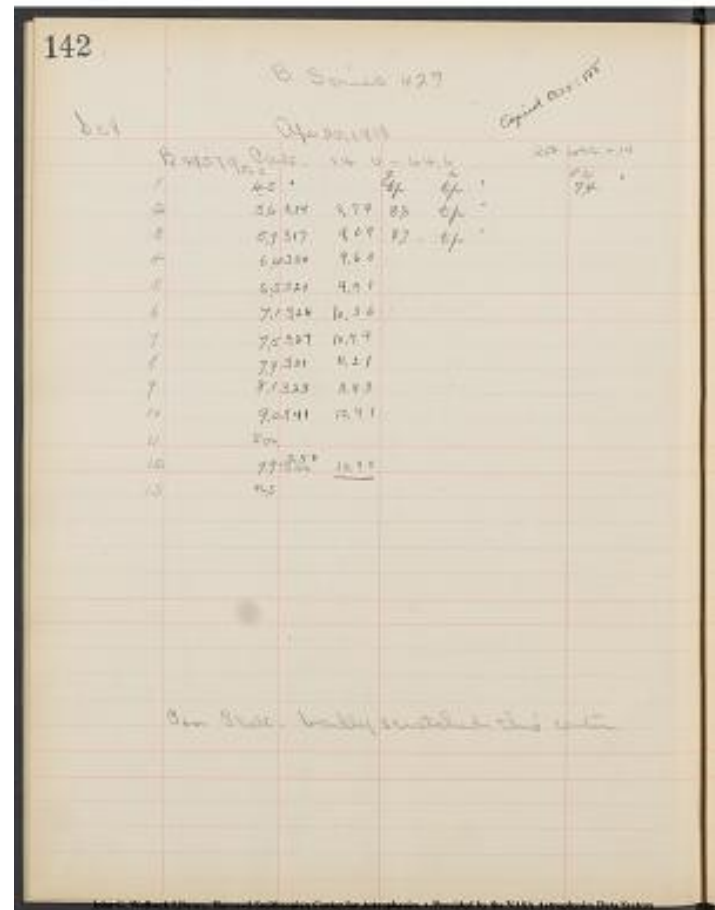
142  
 B Series 429  
 Scv Apr 20, 1918  
 Copied B35:188  
 B49579 Carte 14 U - 64.6 Alt. corr -.14

[[7 column table]]  
Sc2			g	h	PC

1	4.5	.	tp	tp	7.4	.
2	5.6	3.14	8.74	8.3	tp	.
3	5.9	3.17	9.07	8.7	tp	.
4	6.4	3.20	9.60			
5	6.5	3.21	9.71			
6	7.1	3.26	10.36			
7	7.5	3.29	10.79			
8	7.9	3.31	11.21			
9	8.1	3.33	11.43			
10	9.0	3.41	12.41			
11	Scr.					
12	9.9	3.50	scr	<u>13.40</u>	<u>13.40</u>	
13	n.s					

Poor Plate. badly scratched. thro center

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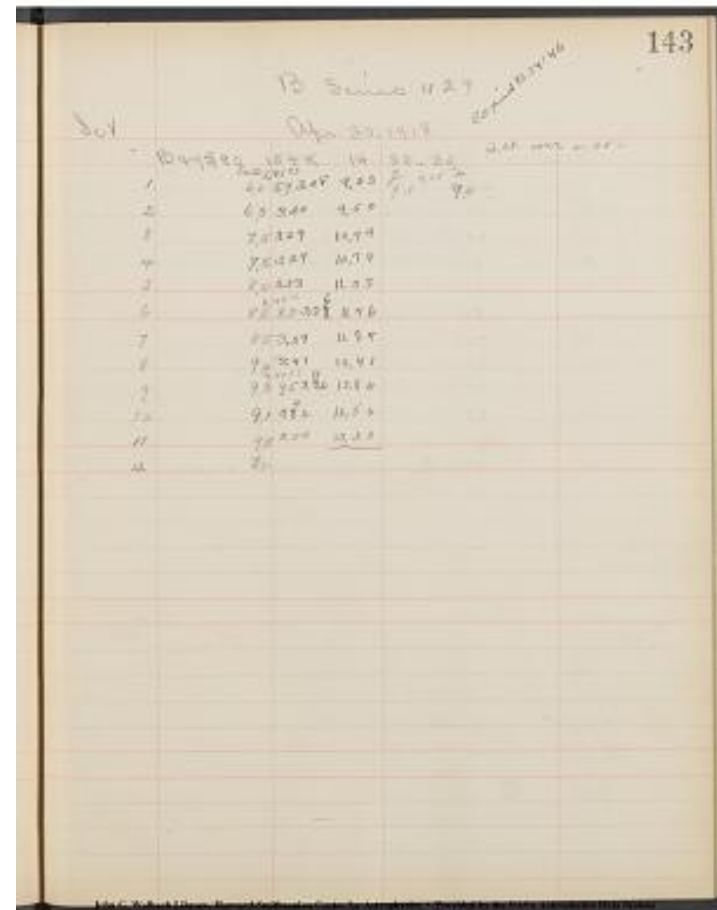
Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
 Transcribed and Reviewed by Digital Volunteers  
 Extracted Jan-24-2023 10:35:04

143  
 B Series 429  
 ScV Apr 20, 1918  
 Copied B34:46  
 B49580 154K 14 23 -30 Alt. corr +.05

[[6 column table]]  
Sc2			g	h

| 1 | 6.0^[[5.95 0 [[underline]] 1 [[/underline]]]] 5.9 | 3.08 | 9.03 |  
 9.1^[[9.05 10]] | 9.0 |  
2	6.3	3.20	9.50		
3	7.5	3.29	10.79		
4	7.5	3.29	10.79		
5	8.0	3.33	11.33		
6	8.5^[[8.40 1 [[underline]] 1 [[/underline]]]] 8.3	3.3[[strikethrough]]			
7[[/strikethrough]]6	11.76				
7	8.5	3.37	11.87		
8	9.0	3.41	12.41		
9	9.3^[[9.40 [[underline]] 1 [[/underline]] 1 ]] 9.5	3.3[[strikethrough]]			
9[[/strikethrough]]46	12.86				
10	9.1	3.3[[strikethrough]] 9[[/strikethrough]]42	12.52		
11	9.8	3.50	[[underline]] 13.30 [[/underline]]		
12	Ft				

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144  
 B Series 429  
 ScV Apr 20, 1918  
 Copied B34:70  
 B 49581 178 K 14 49 -45 Alt corr +.01

[[7 column table]]  
Sc2			g	h	PC

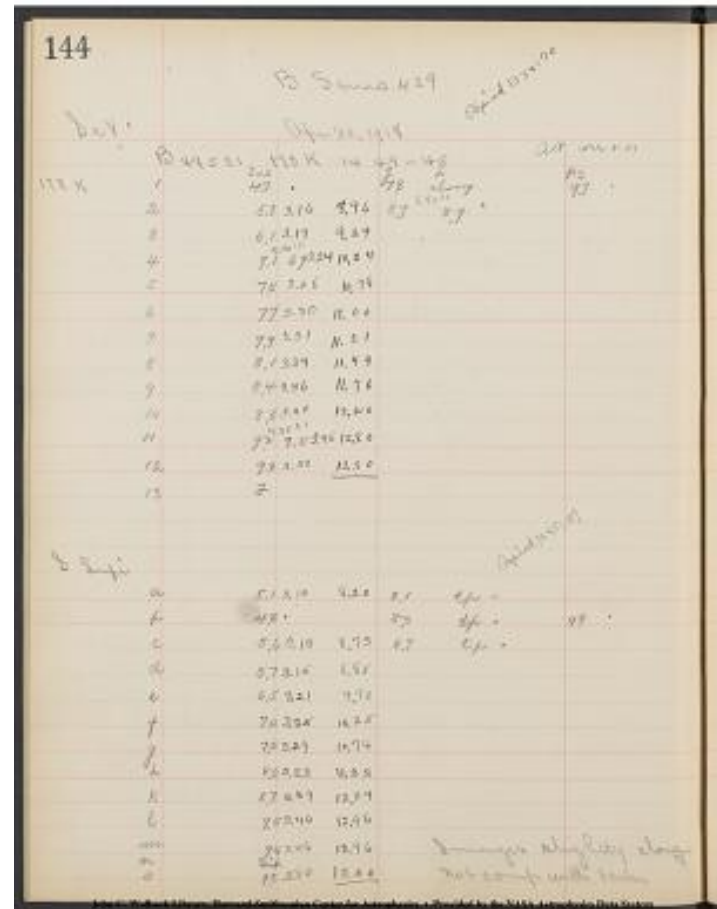
178K 1 | 4.7 | . | | 7.8 | elong | 9.7 . |  
 2 | 5.8 | 3.16 | 8.96 | 8.9^[[8.90 00]] 8.9 | |  
 3 | 6.1 | 3.19 | 9.29 | | | |  
 4 | 7.1^[[7.00 1[[underline]]] 1[[/underline]]] 6.9 | 3.24 | 10.24 | | | |  
 5 | 7.5 | 3.28 | 10.78 | | | |  
 6 | 7.7 | 3.30 | 11.00 | | | |  
 7 | 7.9 | 3.31 | 11.21 | | | |  
 8 | 8.1 | 3.34 | 11.44 | | | |  
 9 | 8.4 | 3.36 | 11.76 | | | |  
 10 | 8.8 | 3.40 | 12.20 | | | |  
 11 | 9.2^[[9.35 [[underline]]] 2[[/underline]]] 1]] 9.5 | 3.45 | 12.80 | | | |  
 12 | 9.8 | 3.50 | [[underline]] 13.30 [[/underline]] | | | |  
 13 | F | | | | | |

S Lupi Copied B45:37

a | 5.1 | 3.10 | 8.20 | 8.1 | tp . | |  
 b | 4.8 | . | 8.0 | tp . | 9.8 . |  
 c | 5.6 | 3.13 | 8.73 | 8.7 | tp . | |  
 d | 5.7 | 3.15 | 8.85 | | | |  
 e | 6.5 | 3.21 | 9.71 | | | |  
 f | 7.0 | 3.25 | 10.25 | | | |  
 g | 7.5 | 3.29 | 10.79 | | | |  
 h | 8.0 | 3.33 | 11.33 | | | |  
 k | 8.7 | 3.39 | 12.09 | | | |  
 l | 9.5 | 3.46 | 12.96 | | | |  
 m | 9.5 | 3.46 | 12.96 | | | |  
 n | sup | | | | | |  
 o | 9.8 | 3.50 | [[underline]] 13.30 [[/underline]] | | | |

Images slightly elong  
 not comp with scale.

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145  
 B Series 429  
 Sc V Apr 20, 1918  
 See page 141  
 Copied Bk52:60  
 B49582 C8 15 0 +14.9

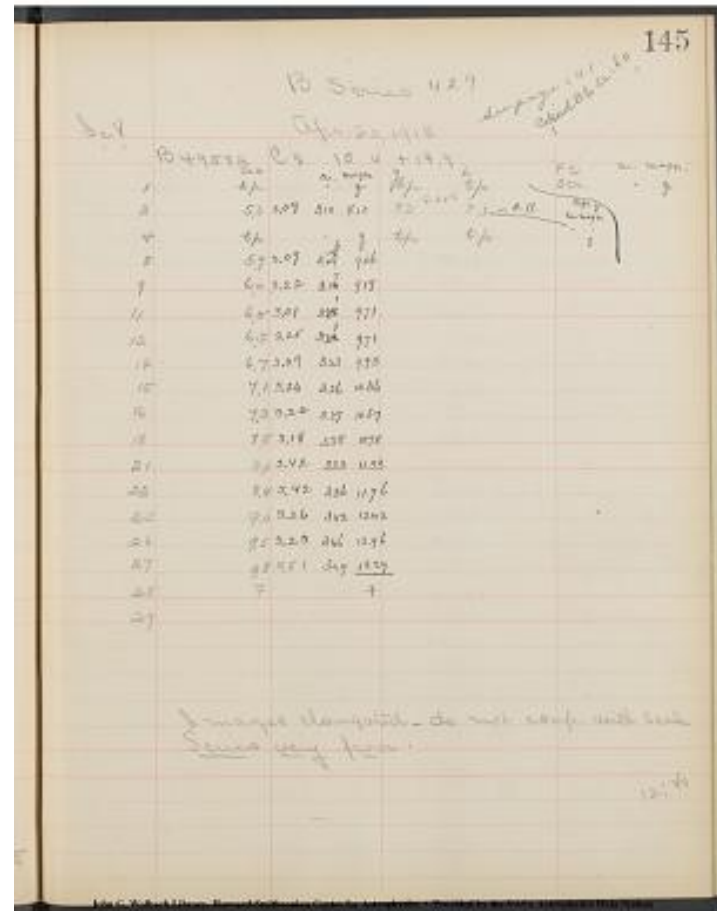
[[10 column table]]

Sc2	Cu.	magn	g	h	PC	Cu.	magn.

1	tp	.	q	tp	tp	scr.	.	q
3	5.0	3.09	3.10	8.10	8.04	[[8.20 1]]	1	[[/underline]]
8.1	-0.11	Refr. q	Cu. magn.	.	q			
4	tp	.	q	tp	tp			
8	5.9	3.07	3.	[[/strikethrough]]	09	[[/strikethrough]]	1	
[[/strikethrough]]	7	[[/strikethrough]]	9.06					
9	6.0	3.22	3.1	[[/strikethrough]]	0	[[/strikethrough]]	7	9.17
11	6.5	3.01	3.2	[[/strikethrough]]	3	[[/strikethrough]]	1	9.71
12	6.5	3.25	3.2	[[/strikethrough]]	3	[[/strikethrough]]	1	9.71
14	6.7	3.27	3.23	9.93				
15	7.1	3.26	3.26	10.36				
16	7.3	3.22	3.27	10.57				
18	7.5	3.18	3.28	10.78				
21	8.0	3.42	3.33	11.33				
22	8.4	3.42	3.36	11.76				
25	9.0	3.26	3.42	12.42				
27	9.8	3.51	3.49	[[/underline]]	13.29	[[/underline]]		
28	F		F					
29								

Images elongated. do not comp with scale  
 [[/underline]] Series very poor. [[/underline]]  
 12:40

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146

B Series 464

ScV Apr 24, 1918

Sheet no 111

10:30 B499933 C7

[[7 column table]]

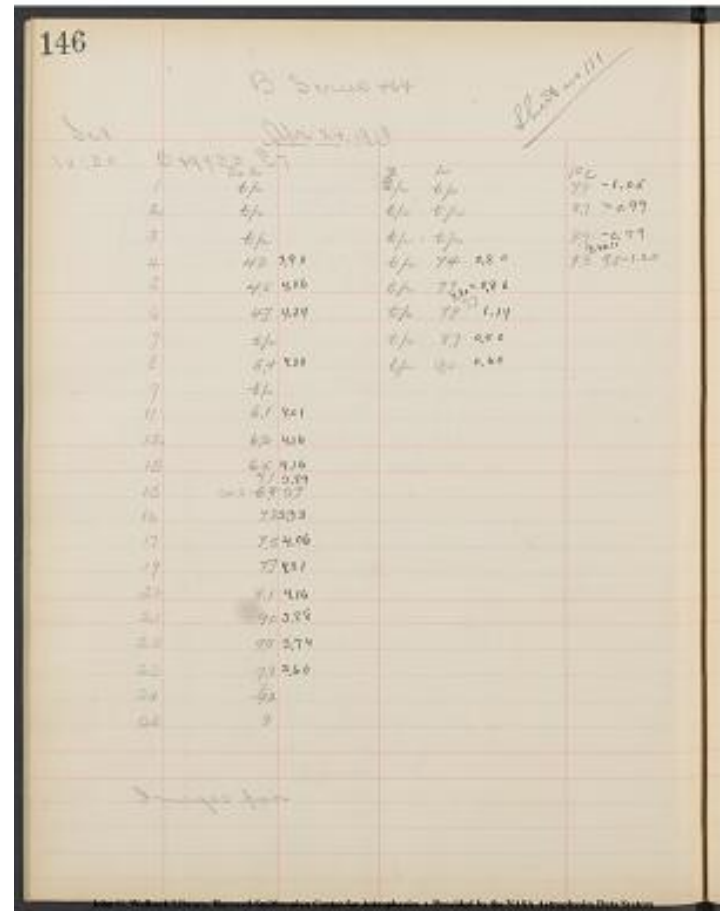
| Sc2 | | g | h | | PC |

|---|---|---|---|---|

1	tp	tp	tp	7.9 -1.05		
2	tp	tp	tp	8.7 ? -0.99		
3	tp	tp	tp	8.9 -0.79		
4	4.3	3.90	tp	7.4	0.80	9.3^[[9.40 <u>1</u> <u>1</u> ]]
9.5 -1.20						
5	4.5	4.06	tp	7.7	0.86	
6	4.7	4.24	tp	7.9^[[7.80 1 <u>1</u> <u>1</u> ]]	7.7	1.14
7	tp	tp	8.7	0.50		
8	5.4	4.20	tp	9.0	0.60	
9	tp					
11	6.1	4.01				
12	6.2	4.16				
13	6.5	4.16				
15	w.s	<del>6.8</del>	<del>6.7</del>	<del>7.1</del>	3.89	
16	7.3	3.93				
17	7.5	4.06				
19	7.7	4.31				
20	8.1	4.16				
21	9.0	3.88				
22	9.5	3.74				
23	9.8	3.60				
24	<del>9.8</del>	<del>3.60</del>	F			
25	F					

Images poor.

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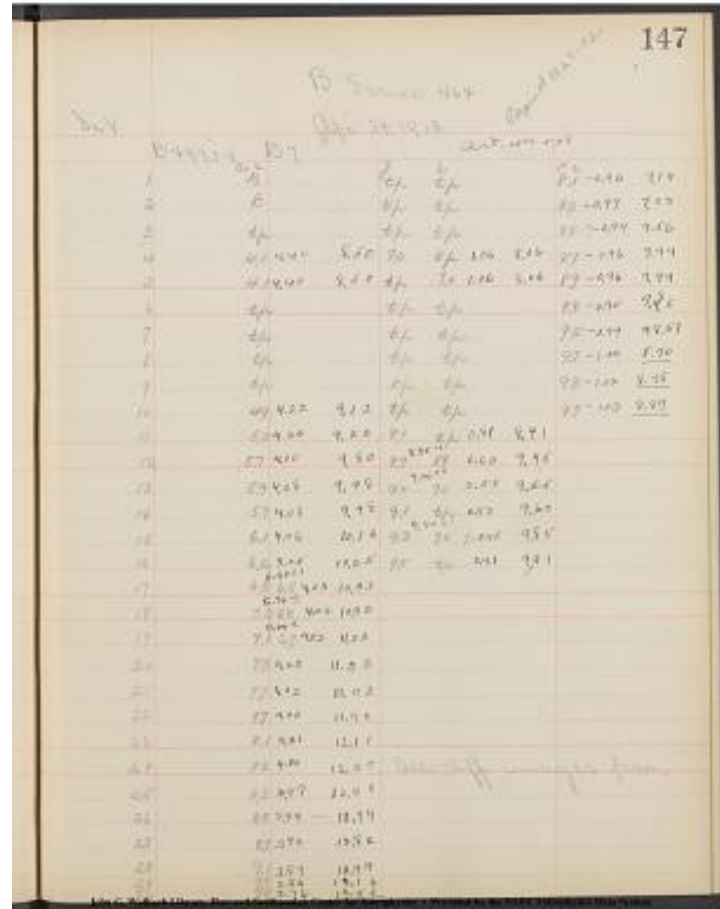
147  
 B Series 464  
 ScV Apr 24, 1918  
 Copied B27:52  
 B499934 D7 Alt. corr +.08

[[9 column table]]  
Sc2			g	h		PC

1	B			tp	tp			8.1 -0.96 7.14					
2	B			tp	tp			8.0 -0.97 7.03					
3	tp			tp	tp			8.5 ?-0.94 7.56					
4	4.1	4.40	8.50	7.0	tp	1.06	8.06	8.9 -0.96 7.94					
5	4.1	4.40	8.50	tp	7.0	1.06	8.06	8.9 -0.96 7.94					
6	tp			tp				8.8 -0.95 7.85 <del>[[strikethrough]]</del> 9					
<del>[[strikethrough]]</del>													
7	tp			tp				9.5 -0.99 8.51 <del>[[strikethrough]]</del> 9					
<del>[[strikethrough]]</del>													
8	tp			tp				9.7 -1.00 <u>[[underline]]</u> 8.70 <u>[[underline]]</u>					
9	tp			tp				9.8 -1.02 <u>[[underline]]</u> 8.78 <u>[[underline]]</u>					
10	4.9	4.22	9.12	tp	tp			9.9 -1.03 <u>[[underline]]</u> 8.87					
<u>[[underline]]</u>													
11	5.0	4.20	9.20	8.1	tp	0.81	8.91						
12	5.7	4.10	9.80	8.9	8.85 <sup>^</sup> <u>[[10]]</u>	8.8	0.60	9.45					
13	5.9	4.08	9.98	9.0	9.00 <sup>^</sup> <u>[[00]]</u>	9.0	0.55	9.55					
14	5.9	4.08	9.98	9.1	tp	0.53	9.63						
15	6.1	4.06	10.16	9.3	9.40 <sup>^</sup> <u>[[[[underline]]</u>	1	<u>[[underline]]</u>	1 ]   9.5					
p 0.45   9.5   9.85													
16	6.2	4.05	10.25	9.5	tp	0.41	9.91						
17	6.3	6.40 <sup>^</sup> <u>[[[[underline]]</u>	1	<u>[[underline]]</u>	1 ]	6.5	4.03	10.43					
18   7.0 6.90 <sup>^</sup> <u>[[ 1 [[underline]]</u>									1	<u>[[underline]]</u>	6.8	4.02	10.92
19   7.1 7.00 <sup>^</sup> <u>[[ 1 [[underline]]</u>									1	<u>[[underline]]</u>			
20	7.3	4.03	11.33										
21	7.7	4.02	11.72										
22	7.7	4.02	11.72										
23	8.1	4.01	12.11										
24	8.3	4.00	12.30										
25	8.5	3.97	12.47										
26	8.8	3.94	12.74										
27	8.9	3.92	12.82										
28	9.1	3.89	12.99										
29	9.3	3.86	13.16										
30	9.8	3.76	<u>[[underline]]</u>	13.56	<u>[[underline]]</u>								

All diff images poor.

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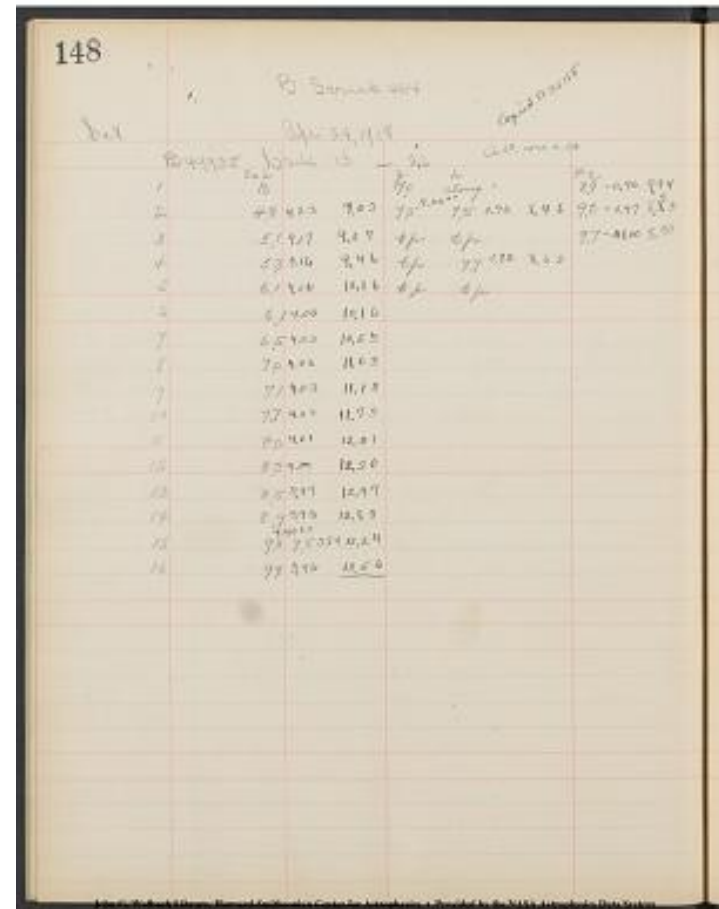
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148  
 B Series 464  
 ScV Apr 24, 1918  
 Copied B35:18  
 B49935 Carte 13 - 2.6 Alt. corr +.06

[[9 column table]]  
 | Sc2 | | | g | h | | | PC |  
 |---|---|---|---|---|---|---|

| 1 | B | | | 7.0 | elong | . | | 8.9 -0.96 7.94 |  
 | 2 | 4.8 | 4.23 | 9.03 | 7.5 7.50^[[00]] | 7.5 | 0.96 | 8.46 | 9.3 -0.97  
~~| 3 | 5.1 | 4.17 | 9.27 | tp | tp | | 9.7 ~~0~~ |~~  
~~-1.00 8.70 |~~  
4	5.3	4.16	9.46	tp	7.7	0.92	8.62	
5	6.1	4.06	10.16	tp	tp			
6	6.1	4.06	10.16					
7	6.5	4.03	10.53					
8	7.0	4.03	11.03					
9	7.1	4.03	11.13					
10	7.7	4.03	11.73					
11	8.0	4.01	12.01					
12	8.3	4.00	12.30					
13	8.5	3.97	12.47					
14	8.9	3.93	12.83					
15	9.3 9.40^[[1]]	9.5	3.84	13.24				
16	9.8	3.76	[[13.56]]					

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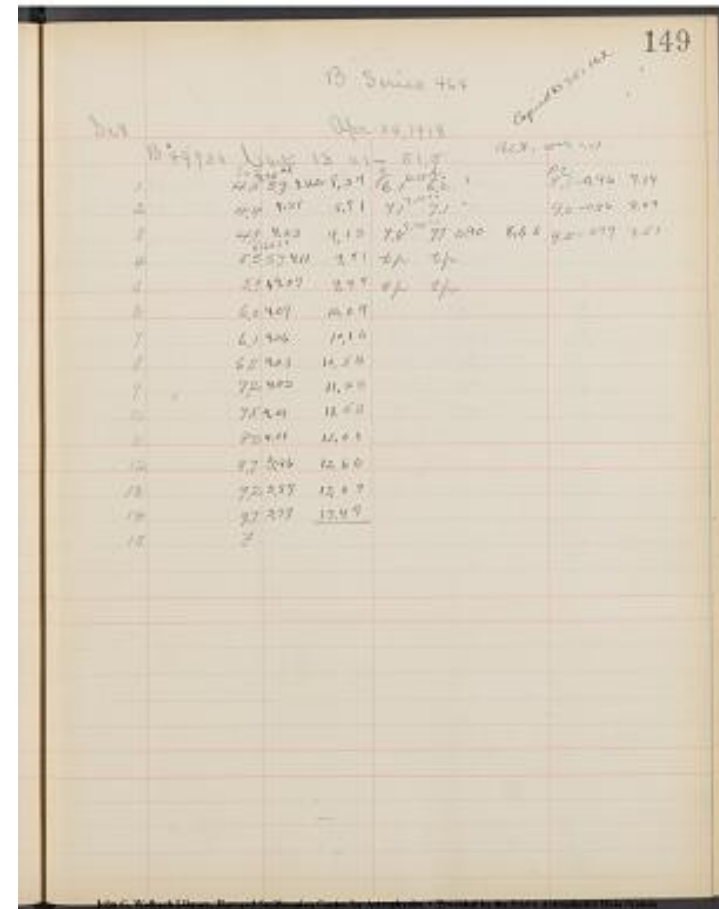
Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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 Extracted Jan-24-2023 10:35:04

149  
 B Series 464  
 Sc V Apr 24, 1918  
 Copied B35:162  
 B49936 Carte 13 01 -51.5  
 Alt. corr -.01

[[9 column table]]  
 | | Sc2 | | | g | h | | | PC |  
 |---|---|---|---|---|---|---|

| 1 | 4.0 3.95^[[ 0 [[underline]] 1 [[/underline]] 3.9 | 4.42 | 8.37 | 6.1  
 6.15^[[[[underline]] 1 [[/underline]] 0 ]] | 6.2 | . | | 8.1 -0.96 7.14 |  
 | 2 | 4.4 | 4.31 | 8.71 | 7.1 7.10^[[00]] | 7.1 | . | | 9.0 - 0.96 8.04 |  
 | 3 | 4.9 | 4.23 | 9.13 | 7.8 7.75^[[0 [[underline]] 1 [[/underline]] | 7.7 | 0.90  
 8.65 | 9.5 -0.99 8.51 |  
4	5.5 5.60^[[[[underline]] 1 [[/underline]] 1 ]] 5.7	4.11	9.71	tp	tp				
5	5.9	[[strikethrough]] 6 [[/strikethrough]] 4.07	9.97	tp	tp				
6	6.0	4.07	10.07						
7	6.1	4.06	10.16						
8	6.5	4.03	10.53						
9	7.2	4.03	11.23						
10	7.5	4.03	11.53						
11	8.0	4.01	12.01						
12	8.7	3.96	12.66						
13	9.2	3.87	13.07						
14	9.7	3.77	[[underline]] 13.47 [[/underline]]						
15	F								

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150  
 B Series 464  
 Sc V Apr 24, 1918  
 Copied B45:17  
 B49937 U Octantis. 13 -83.8 Alt. corr -.57

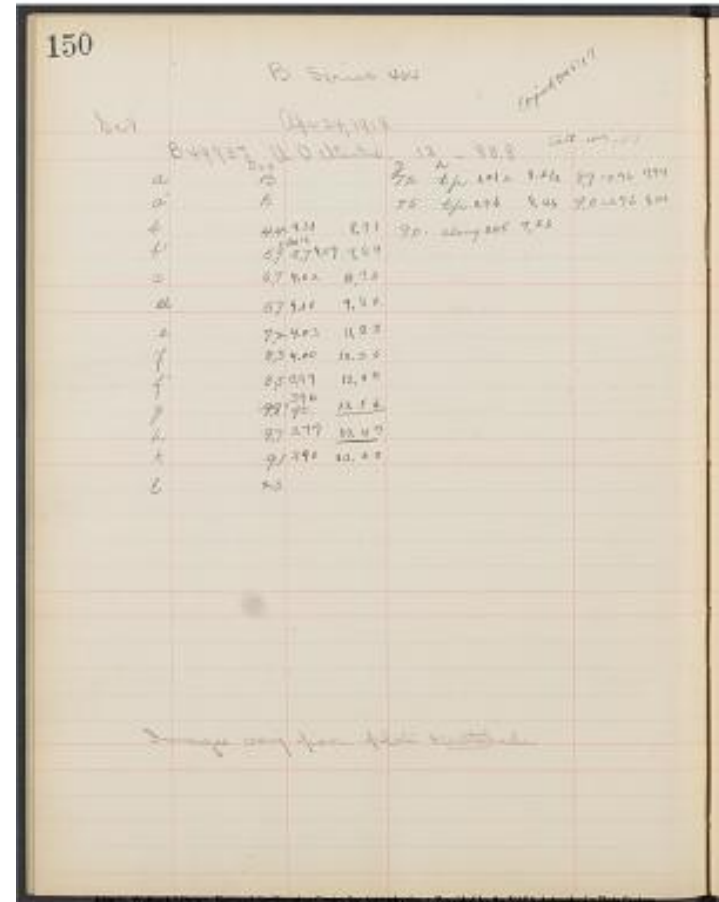
[[11 column table]]

		Sc2			g		h				

a	B			7.2		tp		1.01e		8.21e		8.9		-0.96		7.94	
a	B			7.5		tp		0.96		8.46		9.0		-0.96		8.04	
b			4.4		4.31		8.71		9.0		elong		0.55		9.55		
b'			5.9		5.80		1		1		5.7		4.09		9.89		
c			6.7		4.02		10.72										
d			5.7		4.10		9.80										
e			7.2		4.03		11.23										
f			8.3		4.00		12.30										
f'			8.5		3.97		12.47										
g			[[ <del>9.8?</del> ft.   3.76   <u>13.56</u> ]]														
h			9.7		3.77		<u>13.47</u>										
k			9.1		3.90		13.00										
l			n.s														

Images very poor. plate scratched.

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151

B Series 464

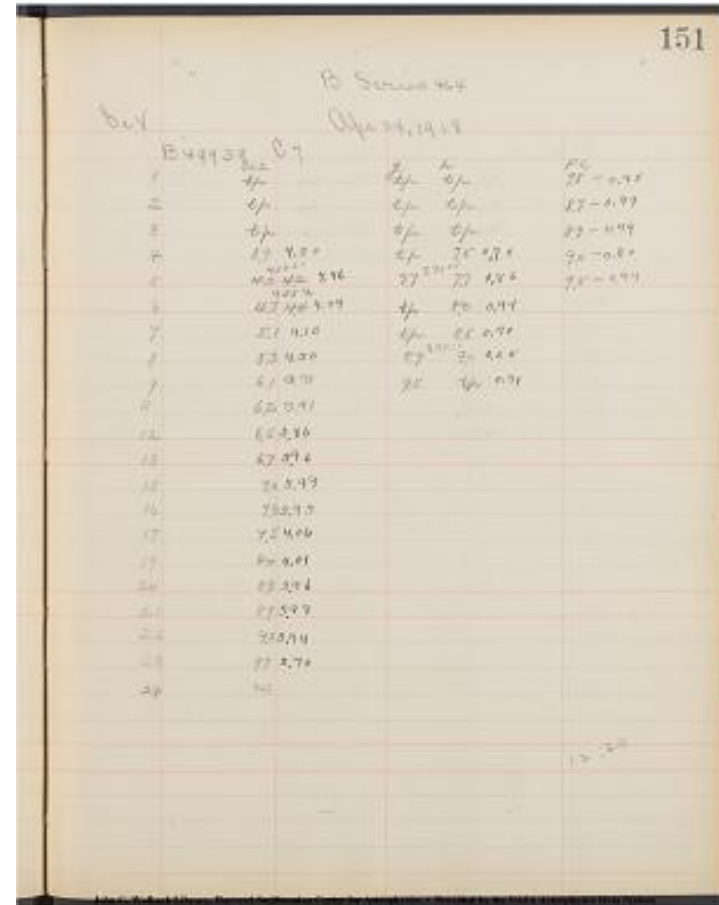
ScV Apr 24, 1918  
B49938 C7

[[7 column table]]  
| Sc2 | | g | h | | PC |  
|---|---|---|---|---|

1	tp		tp	tp		7.8 -0.95	
2	tp		tp	tp		8.7 -0.99	
3	tp		tp	tp		8.9 -0.79	
4	3.9	4.30	tp	7.5	0.70	9.0 -0.80	
5	4.0	4.10	[[[underline]]] 1	[[[underline]]] 1	]]	4.2   4.46   7.7 7.70 <sup>^</sup> [[[00]]	
7	7	0.86	9.5	-0.94			
6	4.7	4.55	[[ 1	[[underline]]] 2	[[[underline]]]]	4.4   4.39   tp   8.0   0.94	
7	5.1	4.10	tp	8.5	0.70		
8	5.3	4.30	8.9	8.95	[[[underline]]] 1	[[[underline]]] 0 ]]	9.0   0.65
9	6.1	3.71	9.5	tp	0.31		
11	6.2	3.91					
12	6.5	3.86					
13	6.7	3.96					
15	7.0	3.99					
16	7.3	3.93					
17	7.5	4.06					
19	8.0	4.01					
20	8.3	3.96					
21	8.9	3.98					
22	9.3	3.94					
23	9.7	3.70					
24	n.s						

12:30

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152

B Series 464

ScV Apr 30, 1918

Sheet no 111

12:40 B49938 C7

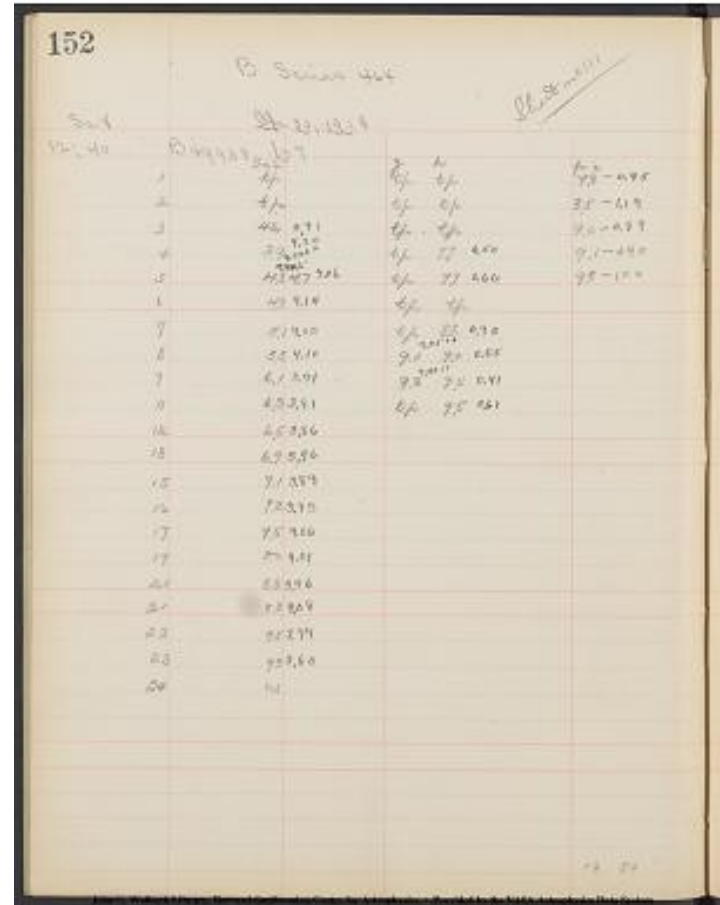
[[7 column table]]

Sc2	g	h	PC
-----	---	---	----

1	tp	tp	tp	7.8 -0.95
2	tp	tp	tp	8.5 -1.19
3	4.2	3.91	tp	9.0 -0.89
4	3.9	4.30	tp	7.7   0.50   9.1 -0.90
5	4.3	4.50	<u>2</u>	<del>2</del>
6	4.8	4.14	tp	4.06   tp   7.9   0.66   9.8 -1.24
7	5.1	4.10	tp	8.3   0.90
8	5.5	4.10	9.1	9.05 <u>10</u>   9.0   0.55
9	6.1	3.71	9.3	9.40 <u>1</u>   9.5   0.41
11	6.3	3.81	tp	9.5   0.61
12	6.5	3.86		
13	6.9	3.76		
15	7.1	3.89		
16	7.3	3.93		
17	7.5	4.06		
19	8.0	4.01		
20	8.3	3.96		
21	8.8	4.08		
22	9.5	3.74		
23	9.8	3.60		
24	n.s			

12 50

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153  
 B Series 464  
 ScV Apr 30, 1918  
 Copied B45:202  
 1:20 B49939 Pole Alt. corr -.92

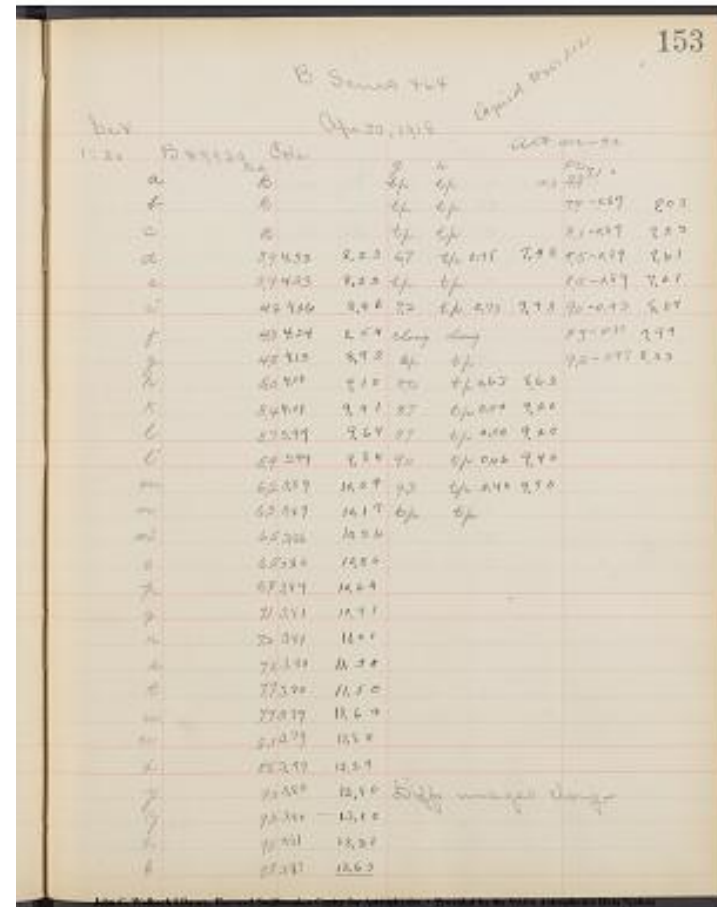
[[9 column table]]  

		Sc2			g		h			PC	

a	B			tp	tp			w.s	[[ <del>7.9</del> ]]	7.9	[[ <del>7.1</del> ]]	
b	B			tp	tp			7.9	-0.87	7.03		
c	B			tp	tp			8.1	-0.87	7.23		
d	3.9		4.33		8.23		6.7	tp	0.78	7.48		8.5 -0.89 7.61
e	3.9		4.33		8.23		tp	tp				8.5 -0.89 7.61
e^[[1]]	4.2		4.26		8.46		7.2	tp	0.73	7.93		9.0 -0.93 7.99
f	4.3		4.24		8.54		elong	elong				8.9 -0.91 7.99
g	4.8		4.13		8.93		tp	tp				9.3 -0.97 8.33
h	5.0		4.10		9.10		8.0	tp	0.63	8.63		
k	5.4		4.01		9.41		8.7	tp	0.50	9.20		
l	5.7		3.97		9.67		8.7	tp	0.50	9.20		
l^[[1]]	5.9		3.94		9.84		9.0	tp	0.46	9.46		
m	6.2		3.89		10.09		9.3	tp	0.40	9.70		
n	6.3		3.87		10.17		tp	tp				
n^[[1]]	6.5		3.86		10.36							
o	6.5		3.86		10.36							
p	6.8		3.84		10.64							
q	7.1		3.81		10.91							
r	7.2		3.81		11.01							
s	7.5		3.80		11.30							
t	7.7		3.80		11.50							
u	7.9		3.79		11.69							
w	8.1		3.79		11.89							
x	8.5		3.79		12.29							
y	9.0		3.80		12.80							
z	9.3		3.80		13.10							
L	9.5		3.81		13.31							
B	9.8		3.83		[[ <u>13.63</u> ]]		13.63	[[ <u>13.63</u> ]]				

Diff images along-

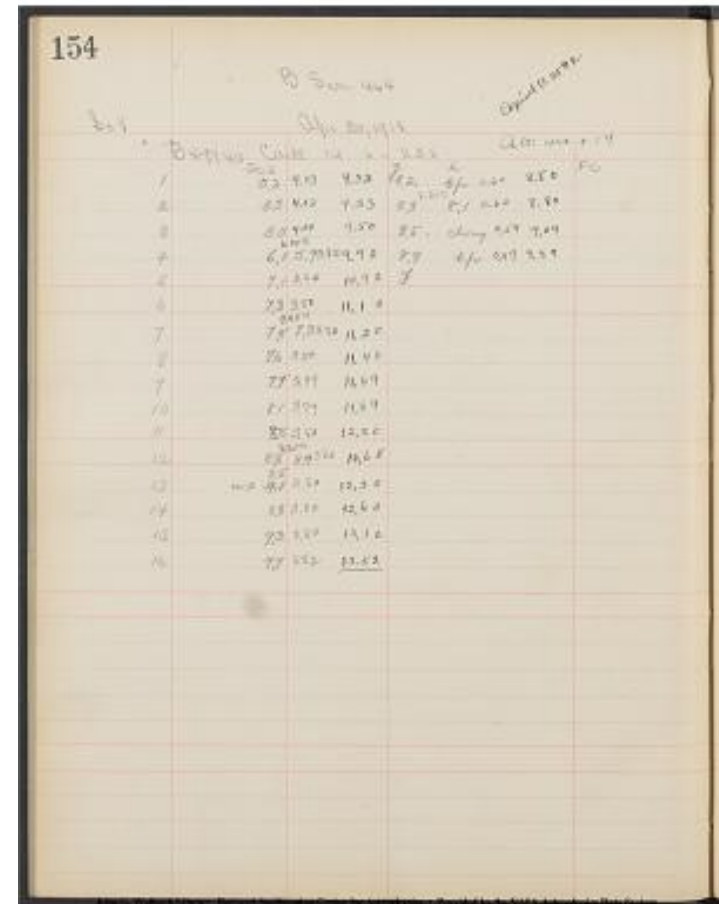
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154  
 B Scr. 464  
 Copied B 35.92  
 Sc V Apr 30, 1918  
 B49940 Carte 14 0- 23.6 Alt. corr +.07

[[9 columned table]]  
 | |Sc2| | |g|h| | |pc|  
 |-----|-----|-----|-----|  
 1|5.3|4.03|9.33|8.2|tp|0.60|8.80| |  
 2|5.3|4.03|9.33|8.3|8.20^[[ 1 [[underlined]] 1 [[/underlined]]]] |  
 8.1|0.60|8.80| |  
 3|5.5|4.00|9.50|8.5|elong|0.54|9.04| |  
 4|6.1|6.00^[[ 1[[underlined]] 1[[/underlined]]]] 5.9|  
 3.92|9.92|8.9|tp|0.47|9.37| |  
 5|7.1|3.82|10.92|F| | | | |  
 6|7.3|3.80|11.10| | | | | |  
 7|7.5|7.40^[[ 1[[underlined]] 1[[/underlined]]]] 7.3| 3.80| 11.20| | | | |  
 8|7.6|3.80|11.40| | | | | |  
 9|7.9|3.79|11.69| | | | | |  
 10|8.1|3.79|11.89| | | | | |  
 11|8.5|3.80|12.30| | | | | |  
 12|8.8|8.85^[[0.1]] 8.9|3.80|12.65| | | | | |  
 13|w.s [[strikethrough]]9.1[[/strikethrough]] 8.5|3.80|12.30| | | | | |  
 14|8.8|3.80|12.60| | | | | |  
 15|9.3|3.80|13.10| | | | | |  
 16|9.7|3.82[[underlined]]13.52[[/underlined]]| | | | |



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155  
 B Ser 464  
 ScV Apr 30, 1918  
 Copied 1335:140  
 B49941 Carte 14 0-40.6 alt. corr +.04

[[11 column table]]

	Sc2		g	h		pc					
1	B		tp	tp		6.5					
2	3.3 <sup>^</sup> [[3.4]]				6.1	tp	0.83	6.93	7.9-0.87	7.03	
3	4.1	4.27	8.37	7.4	tp	0.70	8.10	9.1-0.95	8.15		
4	5.0	4.09	9.09	8.0	8.00 <sup>^</sup> [[00]]		8.0	0.63	8.63	9.8?-1.07 near	
br. st	8.73										
5	5.3	4.03	9.33	8.6	tp	0.51	9.11				
6	6.0	3.92	9.92	9.3	9.20 <sup>^</sup> [[ 1 [[ <u>1</u> ]] 1[[ <u>1</u> ]]]]						
9.1	0.37	9.57									
7	6.7	3.84	10.54								
8	7.1	3.81	10.91								
9	7.5	7.60 <sup>^</sup> [[ <u>1</u> ]] 1[[ <u>1</u> ]] 1]]	7.7	3.80	11.40						
10		8.1	3.79	11.89							
11		8.3	3.80	12.10							
12		8.7	3.80	12.50							
13		9.0	3.80	12.80							
14		9.5	3.81	13.31							
15		9.8	?3.83	[[ <u>13.63</u> ]]							

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155

B Ser 464

ScV Apr 30, 1918

Copied 1335:140

B49941 Carte 14 0-40.6 alt. corr +.04

	Sc2		g	h		pc					
1	B		tp	tp		6.5					
2	3.3 <sup>^</sup> [[3.4]]				6.1	tp	0.83	6.93	7.9-0.87	7.03	
3	4.1	4.27	8.37	7.4	tp	0.70	8.10	9.1-0.95	8.15		
4	5.0	4.09	9.09	8.0	8.00 <sup>^</sup> [[00]]		8.0	0.63	8.63	9.8?-1.07 near	
br. st	8.73										
5	5.3	4.03	9.33	8.6	tp	0.51	9.11				
6	6.0	3.92	9.92	9.3	9.20 <sup>^</sup> [[ 1 [[ <u>1</u> ]] 1[[ <u>1</u> ]]]]						
9.1	0.37	9.57									
7	6.7	3.84	10.54								
8	7.1	3.81	10.91								
9	7.5	7.60 <sup>^</sup> [[ <u>1</u> ]] 1[[ <u>1</u> ]] 1]]	7.7	3.80	11.40						
10		8.1	3.79	11.89							
11		8.3	3.80	12.10							
12		8.7	3.80	12.50							
13		9.0	3.80	12.80							
14		9.5	3.81	13.31							
15		9.8	?3.83	[[ <u>13.63</u> ]]							

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157

B Ser. 464

Sc V Apr. 30, 1918 Copied B34: 111

B 49943 33K0 14 27 -60.5 Alt. corr. -.08

[[7 column table]]

	Sc 2		g	h	PC
1	B		tp	tp	8.5 -0.89 7.61
2	4.9		4.11	9.01	tp   tp
3	5.3		4.03	9.33	8.7?   tp 0.50 9.20
4	6.2		3.89	10.09	
5	6.6		3.85	10.45	
6	7.2		3.81	11.01	
7	7.3		7.5 <sup>A</sup>	[[7.40]]	1 [[1]]   3.80   11.20
8	7.5		3.80	11.30	
9	7.5		3.80	11.30	
10	7.5		3.80	11.30	
11	7.7		3.80	11.50	
12	7.9		3.79	11.69	
13	8.3		3.79	scr.	12.09
14	scr.				
15	9.3		3.80	13.10	
16	scr.				

Plate badly scratched [[u]] thru center. [[/u]]

157

B Ser. 464

Apr. 30, 1918

B 49943 33K0 14 27 -60.5 Alt. corr. -.08

[[7 column table]]

Sc 2 | g | h | PC

1 | B | | tp | tp | 8.5 -0.89 7.61

2 | 4.9 | | 4.11 | 9.01 | tp | tp |

3 | 5.3 | | 4.03 | 9.33 | 8.7? | tp 0.50 9.20 | |

4 | 6.2 | | 3.89 | 10.09 | | |

5 | 6.6 | | 3.85 | 10.45 | | |

6 | 7.2 | | 3.81 | 11.01 | | |

7 | 7.3 | | 7.5<sup>A</sup> | [[7.40]] | 1 [[1]] | 3.80 | 11.20 | | |

8 | 7.5 | | 3.80 | 11.30 | | |

9 | 7.5 | | 3.80 | 11.30 | | |

10 | 7.5 | | 3.80 | 11.30 | | |

11 | 7.7 | | 3.80 | 11.50 | | |

12 | 7.9 | | 3.79 | 11.69 | | |

13 | 8.3 | | 3.79 | scr. | 12.09 | | |

14 | scr. | | | | | |

15 | 9.3 | | 3.80 | 13.10 | | |

16 | scr. | | | | | |

Plate badly scratched thru center.

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158  
 B Ser. 464  
 Sc V Apr. 1918  
 B 49944 C8  
 [[7 column table]]  
 | Sc 2 | | g | h | PC  
 1 | B | | tp | 6.3 | 0.90 | 8.0 -0.80  
 3 | 3.9 | 4.19 | tp | 7.7 | 0.39 | 8.9 -0.81  
 4 | tp | | tp | | 8.5? -0.78  
 8 | 4.7 | 4.27 | 8.5 | tp | 0.47 | 9.8 - 0.83  
 9 | 5.2 5.0^[[5.10 1 | 1 | 1]] | 4.12 | 8.9 | tp | 0.32 | |  
 11 | 5.4 | 4.11 | 9.1 | tp | 0.41 | |  
 12 | 6.0 | 3.75 | 9.7 | tp | 0.05 | |  
 14 | 6.0 | 3.97 | | | |  
 15 | 6.5 | 3.86 | | | |  
 16 | 7.0 6.8^[[6.9 1 | 1 | 1]] | 3.62 | | | |  
 18 | 6.9 | 3.78 | | | |  
 21 | 7.5 7.3^[[7.60 | 1 | 1]] | 3.82 | | | |  
 22 | 8.3 | 3.52 | | | |  
 25 | 8.7 | 3.56 | | | |  
 26 | 9.1 | 3.63 | | | |  
 27 | 9.3 | 4.01 | | | |  
 28 | 9.5 | 4.36 | | | |  
 25a | 9.2 | 3.47 | | | |  
 29 | w.s. ~~9.7 9.5~~ | | | | |  
 27 | 9.3 | 4.01 | | | |  
 Images poor  
 3:15

158

B Ser. 464

Sc V Apr. 1918

B 49944 C8

	Sc 2	g	h	PC
1	B	tp	6.3	0.90   8.0 -0.80
3	3.9	4.19	tp	7.7   0.39   8.9 -0.81
4	tp	tp	tp	8.5? -0.78
8	4.7	4.27	8.5	tp   0.47   9.8 - 0.83
9	5.2 5.0^	[[5.10 1   <u>1</u>   <u>1</u> ]]		4.12   8.9   tp   0.32
11	5.4	4.11	9.1	tp   0.41
12	6.0	3.75	9.7	tp   0.05
14	6.0	3.97		
15	6.5	3.86		
16	7.0 6.8^	[[6.9 1   <u>1</u>   <u>1</u> ]]		3.62
18	6.9	3.78		
21	7.5 7.3^	[[7.60   <u>1</u>   <u>1</u> ]]		3.82
22	8.3	3.52		
25	8.7	3.56		
26	9.1	3.63		
27	9.3	4.01		
28	9.5	4.36		
25a	9.2	3.47		
29	w.s. <del>9.7 9.5</del>			
27	9.3	4.01		

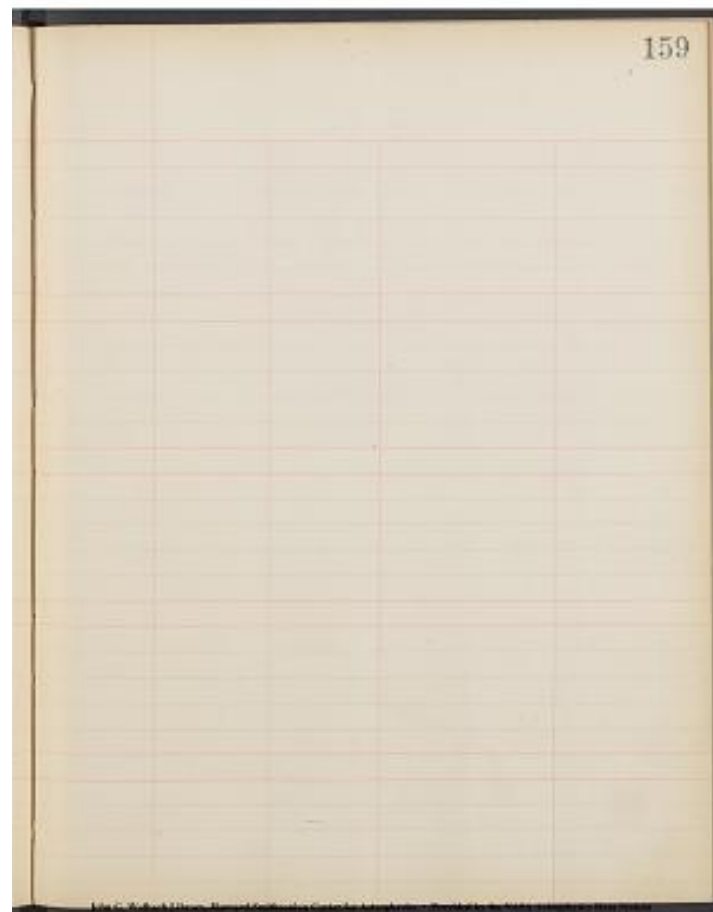
Images poor  
 3:15

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159

[[no input]]

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160

M15

Remeasures.

Apr ~~29~~ 30, 1918

[[3 column table]]

---|---|---

[[No 38]] | [[No 45]] |

[[No 57]] |

MW 3395 | MW 2600 | MW 3432

15.7 | 15.3 | 15.6 -

MW 3429 | No. 46 MW 2619 | MW 3447

15.8 | 15.5? diff. | 15.5

MW 3432 | MW 3394 | No. 58 MW 2587

15.8 | 16.3 | 15.9

[[2 column table]]

---|---

H 1722 | No. 53 MW 2584

15.8 | 15.5

No. 42 H 1728 | MW 2602

15.1 | 15.6

^[[Var. too far from center. Im. distorted ]]No. 43

[[MW 2628 | MW 2618

{15.7 | 15.7

{MW 3439 | MW 2619

{15.6 | 15.6

{H 1716 | MW 3395

{15.9 | 15.6

{H 1725 | MW 3439

{15.3 | 15.6

{H 1746 | MW 3441

{tp | 15.6

[[No. 44]] Seq 1 MW 2616 | H 1722

15.2 | 15.8

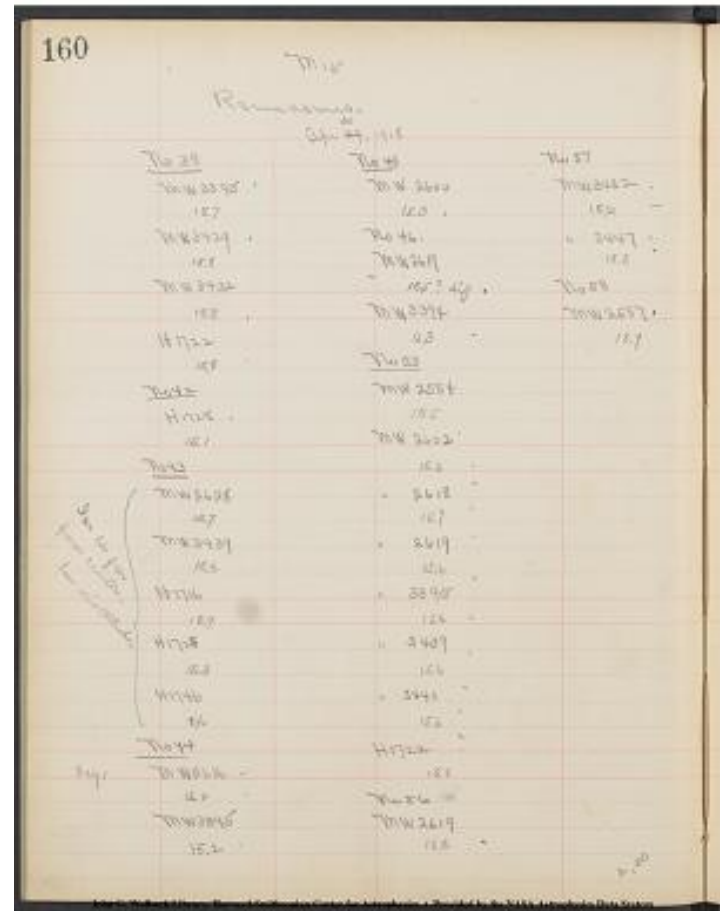
MW 3395 | NO. 56 MW 2619

15.2 | 16.2

2.30

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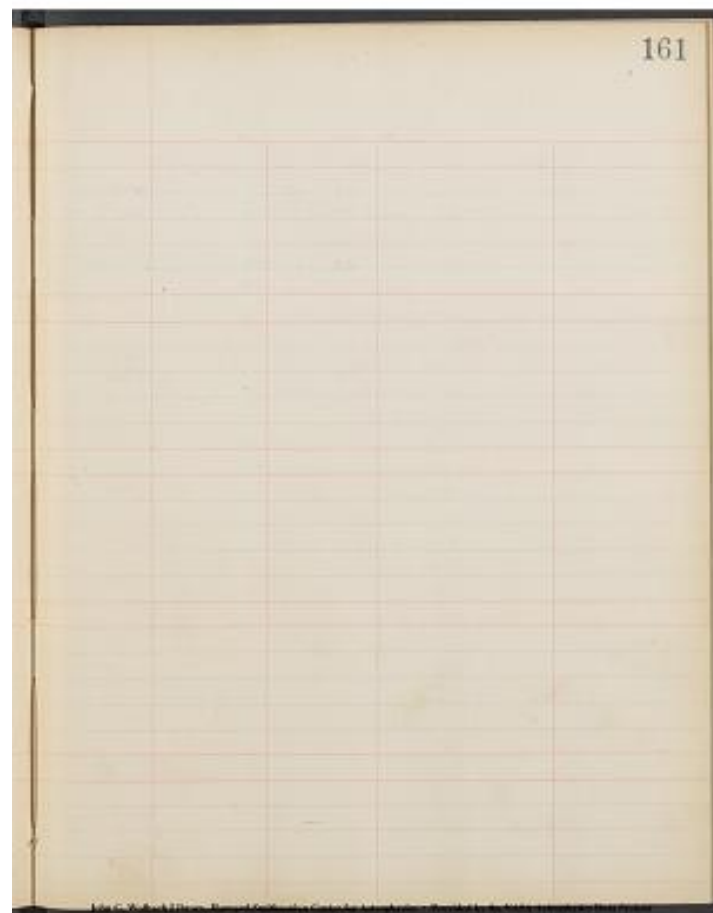
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161

[[no input]]



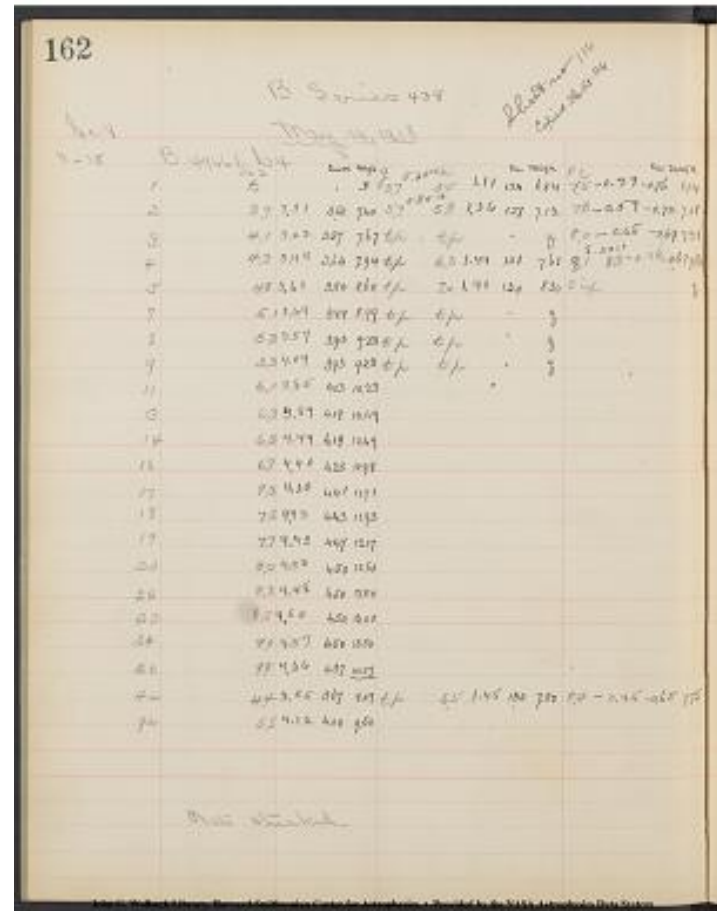
Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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Extracted Jan-24-2023 10:35:04

162  
 B Series 438  
 Sheet no 116  
 Copied BK52:34  
 Sc V May 16, 1918  
 11-15 B 49661 104

[[13 column table]]  

[Sc2]	[Curve]	[magn]	[g]	[h]	[Cu]	[magn]	[PC]	[Cu]	[magn]
1	B	5.7	5.60	1	1	1	1	1	1
5.5	1.11	1.24	6.84	7.5	0.79	0.76	6.74		
2	3.9	3.31	3.50	7.40	5.9	5.85	10	5.8	1.36
								1.27	7.12
								7.8	0.59
								0.72	7.08
3	4.1	3.22	3.57	7.67	tp	tp		8.0	0.68
								0.69	7.31
4	4.3	3.44	3.64	7.94	tp	6.3	1.44	1.31	7.61
								8.1	8.20
1	1	1	1	1	1	1	1	1	1
								8.3	0.46
								0.67	7.53
5	4.8	3.61	3.80	8.60	tp	7.0	1.41	1.30	8.30
								Sup	q
7	5.1	3.64	3.89	8.99	tp	tp			
8	5.3	3.57	3.93	9.23	tp	tp			
9	5.3	4.04	3.93	9.23	tp	tp			
11	6.1	3.85	4.13	10.23					
13	6.3	3.89	4.19	10.49					
14	6.3	4.44	4.19	10.49					
16	6.7	4.40	4.28	10.98					
17	7.3	4.20	4.41	11.71					
18	7.5	4.43	4.43	11.93					
19	7.7	4.49	4.47	12.17					
20	8.0	4.50	4.50	12.50					
22	8.3	4.48	4.50	12.80					
23	8.5	4.50	4.50	13.00					
24	9.0	4.57	4.50	13.50					
26	9.8	4.36	4.37	14.17	14.17				
4a	4.4	3.55	3.67	8.07	tp	6.5	1.45	1.30	7.80
								8.4	0.45
								0.65	7.75
9a	5.5	4.12	4.00	9.50					

Plate Streaked



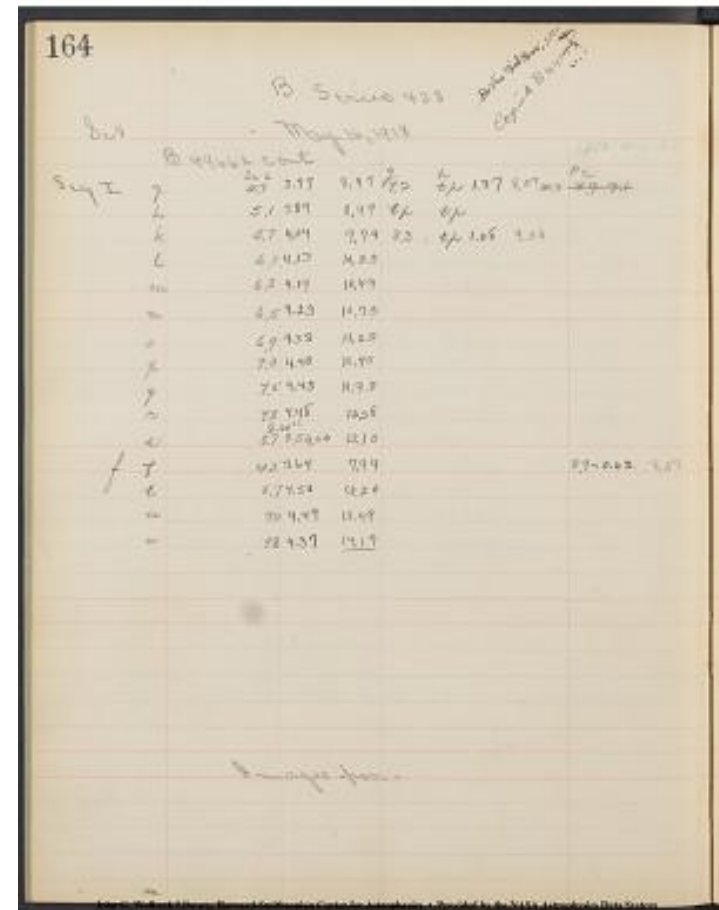
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164  
 B Series 438  
 Sc V May 16, 1918.  
 Bn Stars B644:112  
 Copied B 44:~~98~~

B 49662 cont

[[9 column table]]  
 | Sc2 | | g | h | | pc |  
 |-----|-----|-----|-----|  
 [[Seq I]] g | 4.7 | 3.77 | 8.47 | 7.2 | tp | 1.37 | 8.57 | w.s | ~~8.9~~  
 9.1~~[[/strickethrough]]~~ |  
 h | 5.1 | 3.89 | 8.99 | tp | tp | | | |  
 k | 5.7 | 4.04 | 9.74 | 8.3 | tp | 1.08 | 9.38 | | |  
 l | 6.1 | 4.13 | 10.23 | | | | | |  
 m | 6.3 | 4.19 | 10.49 | | | | | |  
 n | 6.5 | 4.23 | 10.73 | | | | | |  
 o | 6.9 | 4.33 | 11.23 | | | | | |  
 p | 7.3 | 4.40 | 11.70 | | | | | |  
 q | 7.5 | 4.43 | 11.93 | | | | | |  
 r | 7.8 | 4.48 | 12.28 | | | | | |  
 s | 8.7 8.60<sup>^</sup>[[ 1~~[[/underlined]]~~]] 1~~[[/underlined]]~~]] 8.5 | 4.50 | 13.10 | | | |  
 |  
 f ~~[[/strickethrough]]~~ t~~[[/strickethrough]]~~ | 4.3 | 3.64 | 7.94 | | | | 8.9-0.63  
 8.27 |  
 t | 8.7 | 4.50 | 13.20 | | | | | |  
 u | 9.0 | 4.49 | 13.49 | | | | | |  
 w | 9.8 | 4.37 | ~~14.17~~ | | | | | |

Images poor.



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[illegible]

Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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166  
 B Series 438  
 ScV May 16, 1918  
 Copied B34:103  
 B49663 cont. alt. corr—29

[[7 Columned Table]]  
Sc2			g	h	PC

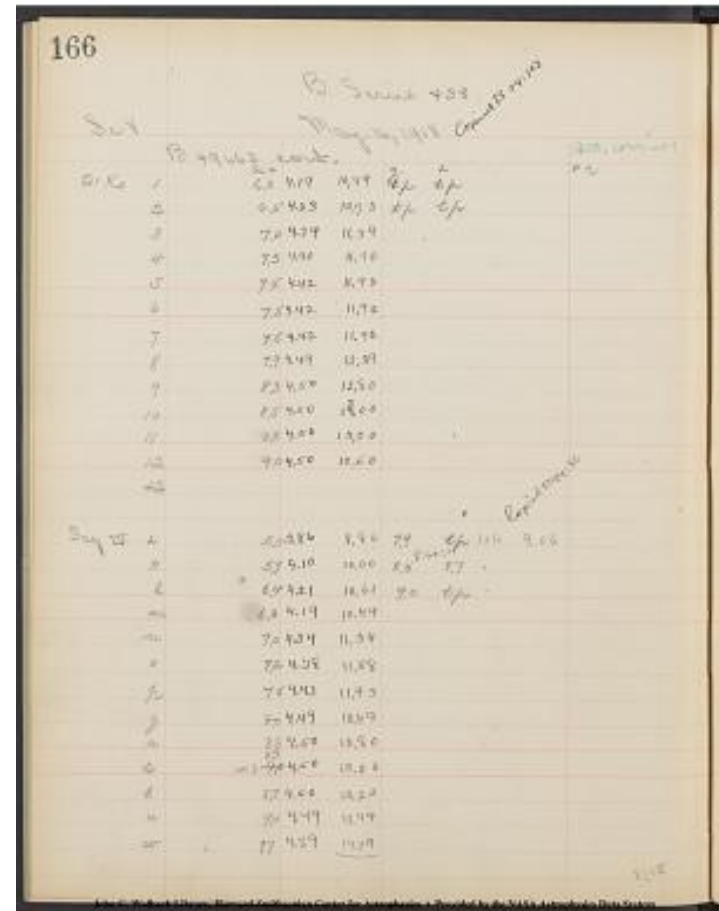
21	Ks	1	6.3	4.19	10.49	tp	tp	
2	6.5	4.23	10.73	tp	tp			
3	7.0	4.34	11.34					
4	7.3	4.40	11.70					
5	7.5	4.42	11.92					
6	7.5	4.42	11.92					
7	7.5	4.42	11.92					
8	7.9	4.49	12.39					
9	8.3	4.50	12.80					
10	8.5	4.50	1	<del>4</del>	<del>3.00</del>			
11	8.8	4.50	13.30					
12	9.0	4.50	13.50					
13	<del>13</del>	<del>13</del>	<del>13</del>					

[[9 column table]]  
 | Sc2 | | | g | h | | | PC |  
 |---|---|---|---|---|---|

Copied B44:86  
 Seq IV h | 5.0 | 3.86 | 8.86 | 7.9 | tp | 1.16 | 9.06 | | |  
 k | 5.9 | 4.10 | 10.00 | 8.5 8.60^[[1]] | 8.7 | . | |  
 | 6.4 | 4.21 | 10.61 | 9.0 | tp | . | | |  
 m | 6.3 | 4.19 | 10.49 | | | | | |  
 n | 7.0 | 4.34 | 11.34 | | | | | |  
 o | 7.2 | 4.38 | 11.58 | | | | | |  
 p | 7.5 | 4.43 | 11.93 | | | | | |  
 q | 8.0 | 4.49 | 12.49 | | | | | |  
 r | 8.3 | 4.50 | 12.80 | | | | | |  
 s | w.s ~~9.0~~ | 8.7 | 4.50 | 13.20 | | | |  
 t | 8.7 | 4.50 | 13.20 | | | | | |  
 u | 9.0 | 4.49 | 13.49 | | | | | |  
 w | 97 | 4.39 | 14.09 | | | | | |

1:15

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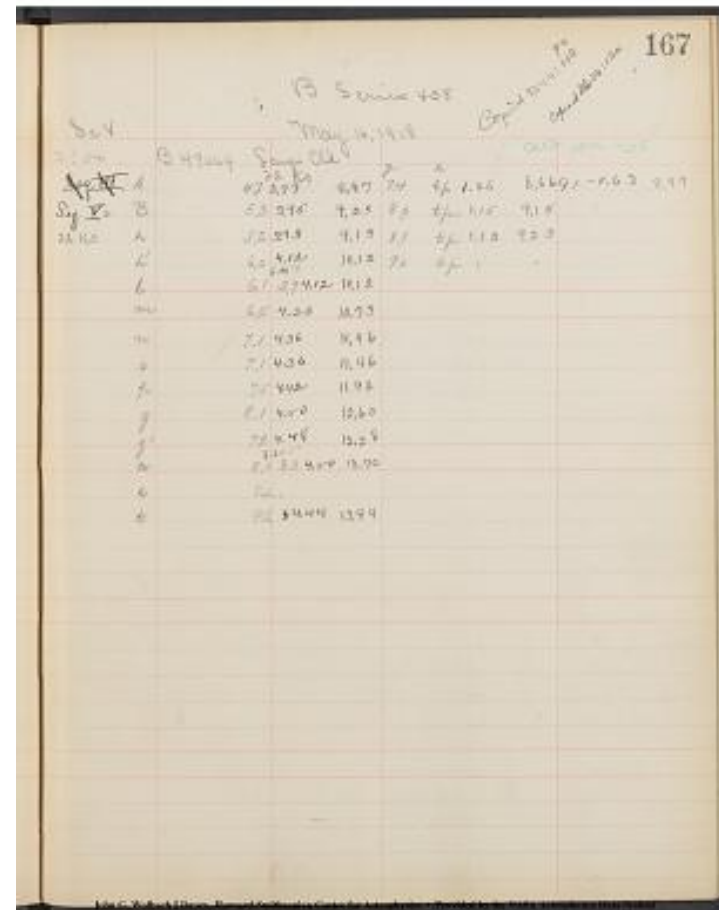


167  
 B Series 438  
 Copied B44:~~110~~ 92  
 Copied Bk34:130  
 Sc V May 16, 1918  
 2:00 B49664 Large Cl'd alt. corr -.28

[[11 column table]]


| ~~Seq III~~ A | 4.7 | 3.77 | 8.47 | 7.4 | tp |  
 1.26 | 8.66 | 9.1 | -0.63 | 8.47 |  
 Seq V2 B | 5.3 | 3.95 | 9.25 | 8.0 | tp | 1.15 | 9.15 | | | |  
 22 Ks h | 5.2 | 3.93 | 9.13 | 8.1 | tp | 1.13 | 9.23 | | | |  
 h<sup>1</sup> | 6.0 | 4.12 | 10.12 | 9.0 | tp | : | . | | | |  
 | 6.1 6.00<sup>1</sup> | 1 | 5.9 | 4.12 | 10.12 | | | | |  
 | | | | | | | | | | | | |  
 m | 6.5 | 4.23 | 10.73 | | | | | | | | | | |  
 n | 7.1 | 4.36 | 11.46 | | | | | | | | | | |  
 o | 7.1 | 4.36 | 11.46 | | | | | | | | | | |  
 p | 7.5 | 4.42 | 11.92 | | | | | | | | | | |  
 q | 8.1 | 4.50 | 12.60 | | | | | | | | | | |  
 q<sup>1</sup> | 7.8 | 4.48 | 12.28 | | | | | | | | | | |  
 r | 8.1 8.20<sup>1</sup> | 1 | 8.3 | 4.50 | 12.70 | | | | |  
 | | | | | | | | | | | | |  
 s | sup | | | | | | | | | | | | |  
 t | 9.5 | ~~8~~ | 4.44 | 13.94 | | | | | | |

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168  
 B Series 438  
 ScV May 16, 1918  
 Sq III Bk44:90  
 Copied B44:110  
 22Ks Copied B34:130  
 SeqIII Br Br Stars Bk44:112  
 B49665 Large C/d5 40-69 alt corr.-28

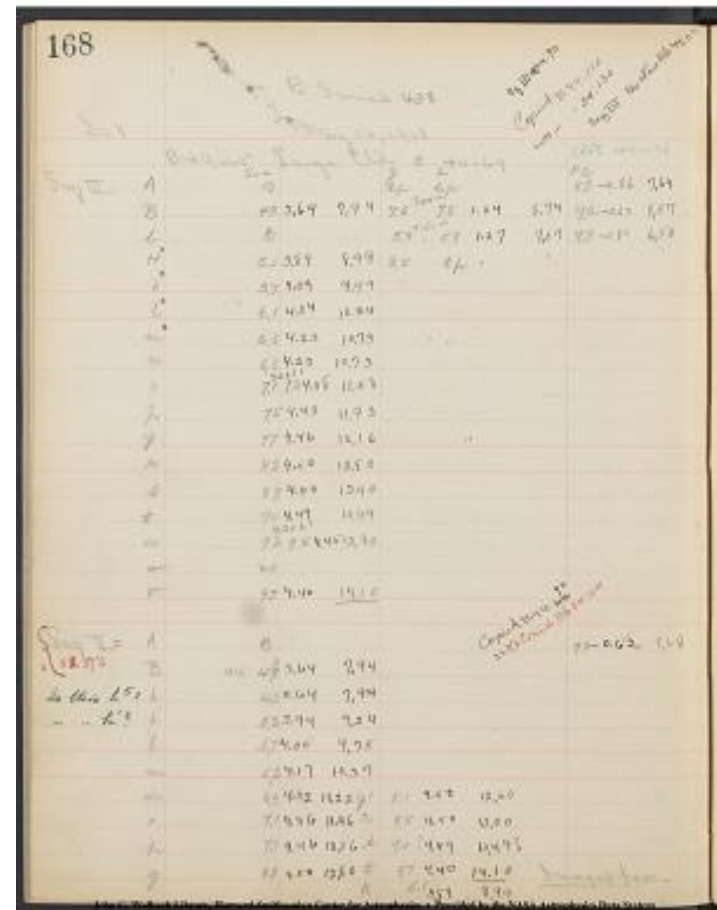
[[10 column table]]  
 | Sc2 | | g|h | | PC | |  
 |-----|-----|-----|-----|  
 Seq III A | B | | tp | tp | | 8.3-0.66 | 9.64 |  
 B | 4.3 | 3.64 | 7.94 | 7.5 | 7.50^[[00]] | 7.5 | 1.24 | 8.74 | 9.2-0.63 | 8.57 |  
 b | B | | 5.8 | 5.80^[[00]] | 5.8 | 1.27 | 7.07 | 7.3-0.80 | 6.50 |  
 H^[[3]] | 5.1 | 3.89 | 8.99 | 8.5 | tp | . | . | . | . |  
 k^[[3]] | 5.9 | 4.09 | 9.99 | | | | | | | |  
 l^[[3]] | 6.1 | 4.14 | 10.24 | | | | | | | |  
 m^[[3]] | 6.5 | 4.23 | 10.73 | | | | | | | |  
 n | 6.5 | 4.23 | 10.73 | | | | | | | |  
 o | 7.1 | 7.20^[[]]] 1[[]]] 7.3 | 4.38 | 11.58 | | | |  
 | | | | | | | | | | | |  
 p | 7.5 | 4.43 | 11.93 | | | | | | | |  
 q | 7.7 | 4.46 | 12.16 | | | | | | | |  
 r | 8.3 | 4.50 | 12.80 | | | | | | | |  
 s | 8.9 | 4.50 | 13.40 | | | | | | | |  
 t | 9.0 | 4.49 | 13.49 | | | | | | | |  
 u | 9.2 | 9.35^[[]]] 2[[]]] 1]] 9.5 | 4.45 | 13.80 | | | |  
 | | | | | | | | | | | |  
 w | n.s | | | | | | | | | | | |  
 v | 9.7 | 4.40 | | 14.10[[]]] | | | | | | | |

Copied B44:~~102~~92  
 22Ks Copied Bk 34:104

{Seq 5 = A | B | | | | | 9.3-0.62 | 8.68 |  
 = { 22Ks B | w.s 4. ~~9~~3 | 3.64 | 7.94 | | |  
 | | | | | | | | | | | |  
 Is this h^[[5]]? h | 4.3 | 3.64 | 7.94 | | | | | |  
 Is this h^[[1]]? h' | 5.3 | 3.94 | 9.24 | | | | | |  
 i | 5.7 | 4.05 | 9.75 | | | | | | | |  
 m | 6.2 | 4.17 | 10.37 | | | | | | | |  
 n | 6.9 | 4.32 | 11.22 | | | | | | | |  
 o | 7.1 | 4.36 | 11.46 | | | | | | | |  
 p | 7.7 | 4.46 | 12.16 | | | | | | | |  
 q | 8.3 | 4.50 | 12.80 | | | | | | | |  
 q' | 8.1 | 4.50 | 12.60 | | | | | | | |  
 r | 8.5 | 4.50 | 13.00 | | | | | | | |  
 s | 9.0? | 4.49 | 13.49? | | | | | | | |  
 t | 9.7 | 4.40 | | 14.10[[]]] | | | | | | | |  
 | | | | | | | | | | | |  
 k | 5.1 | 3.89 | 8.99 | | | | | | | |

[[]] Images poor. [[/u]]

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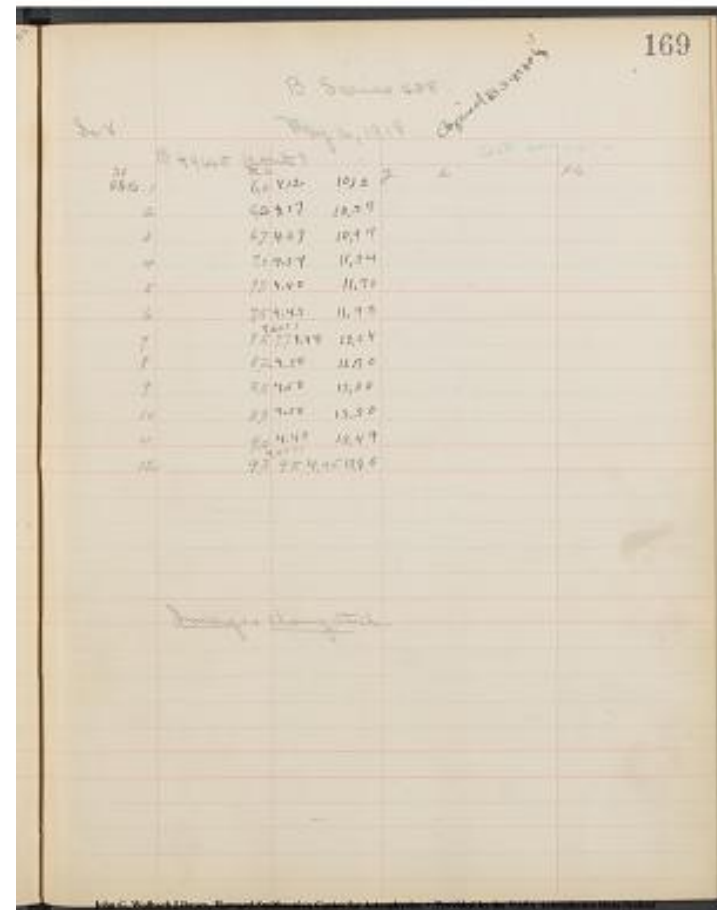
169  
 B Series 438  
 Sc V May 16, 1918 Copied B34:103~~4~~  
 B49665(cont) Alt corr-.28

[[8 Columned Table]]

	Sc 2		g	h	pc				
21	<del>22</del>	Ks	1	6.0	4.12	10.12			
2	6.2	4.17	10.37						
3	6.7	4.27	10.97						
4	7.0	4.34	11.34						
5	7.3	4.40	11.70						
6	7.5	4.43	11.93						
7	7.5	7.60	<u>1</u>	<u>1</u>	7.7	4.44	12.04		
8	8.2	4.50	12.70						
9	8.5	4.50	13.00						
10	8.8	4.50	13.30						
11	9.0	4.49	13.49						
12	9.3	9.5	9.40	<u>1</u>	<u>1</u>	4.45	13.85		

1

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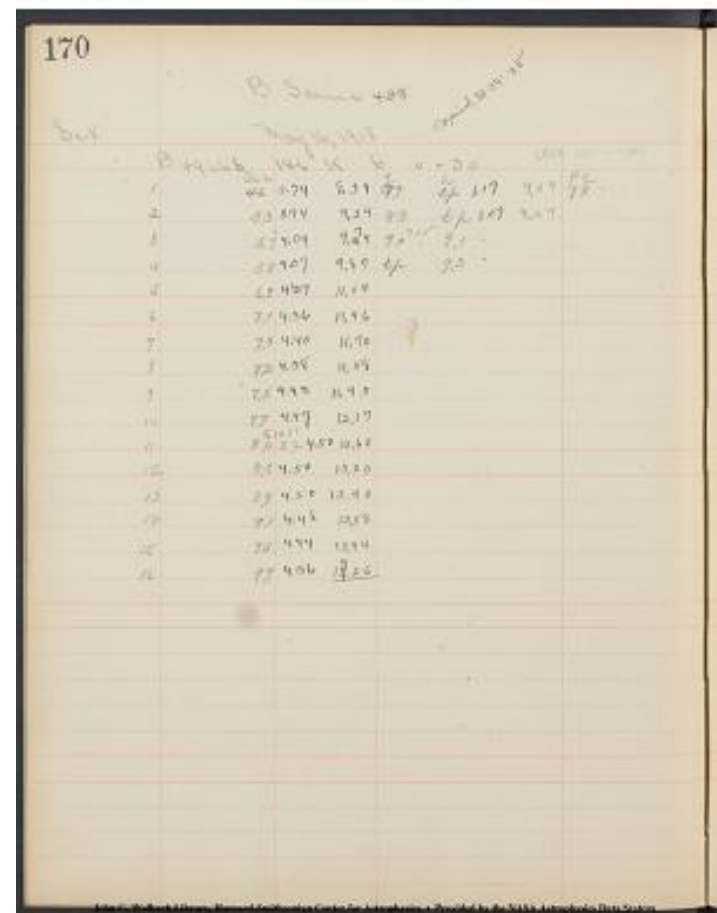
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170  
 B Series 438  
 Copied B34:38  
 ScV May 16, 1918  
 B49666 146 K 6 0-30 alt corr —.01

[[9 Columned Table]]  

	Sc2		g	h		pc
1	46	3.74	8.34	<del>8</del>	<del>7.9</del>	tp   1.17
2	5.3	3.94	9.24	8.3	tp	1.07   9.37
3	5.7	4.04	9.0	<del>0</del>	<del>74</del>	9.0 9.05^[[ 01]]
4	5.8	4.07	9.87	tp	9.3	.
5	6.8	4.29	11.09			
6	7.1	4.36	11.46			
7	7.3	4.40	11.70			
8	7.2	4.38	11.58			
9	4.5	4.43	11.93			
10	7.7	4.47	12.17			
11	8.0	8.10^	<u>1</u>	<u>1</u>	8.2	4.50   12.60
12	8.5	4.50	13.00			
13	8.9	4.50	13.40			
14	9.1	4.48	13.58			
15	9.5	4.44	13.94			
16	9.9	4.36	<u>1</u>	<del>3</del>		
			<u>4.26</u>			

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171  
 B Series 438  
 ScV May 16, 1918  
 B49667 C5

[[7 Columned Table]]  

	Sc2	lg h	PC
1	B	tp tp	7.7-0.54
2	4.2	3.82 tp	6.7 1.32 8.9-0.88
4	4.3	3.90 7.0 tp	1.20 9.0-0.80
5	4.5	4.44 elong	elong  9.2-0.26
6	5.0	4.16 8.1 tp	1.06
8	5.4	4.15	
9	5.8	3.92	
10	6.0	4.01	
12	6.3	3.91	
13	6.3	4.16	
15	6.8	4.36	
16	7.1	4.26	
18	7.5	4.32	
19	7.5	4.55	
20	7.5	4.72	
21	8.0	4.69	
22	8.5	4.51	
23	8.7	4.49	
24	8.9	9.00 <sup>^</sup> [[[ <u>1</u> ]]] 1[[ <u>1</u> ]] 9.1 4.48	
25	9.8	4.29	
4a	4.3	4.07	8.9-0.53
14a	6.7	4.25	
[[ <u>26</u> ]]	[[ <u>26</u> ]]	[[ <u>26</u> ]]	[[ <u>26</u> ]]

Diff in ages too poor  
 3:30

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[[7 Columned Table]]						
[Sc2]		[g h]		[PC]		
1 B	tp tp	7.8-0.64				
2 4.3 3.72	tp	7.0	1.02	8.9-0.88		
4 4.3 3.90			8.9-0.70			
4a 4.5 3.87	tp tp	9.0-0.63				
5 4.7 4.24			9.3-0.36			
6 5.1 4.06						
8 5.4 4.05						
9 5.7 4.02						
10 6.1 3.91						
12 6.3 3.91						
13 6.4 4.06						
15 6.9 4.26						
16 7.1 4.26						
18 7.7 4.12						
19 7.7 4.35						
20 7.7 4.52						
21 8.1 4.59						
22 8.7 4.31						
23 8.7 4.49						
24 9.0 4.48						
25 9.8 4.29						
14a 6.9 4.05						

172

B. Smith 408

May 17, 1949

Start 11:00

Exp. #	Time	Time	Time
1	0	0	0
2	40 2.375	40 2.375	40 2.375
3	40 2.375	40 2.375	40 2.375
4	40 2.375	40 2.375	40 2.375
5	51 4.26	51 4.26	51 4.26
6	50 4.85	50 4.85	50 4.85
7	52 4.02	52 4.02	52 4.02
8	61 4.91	61 4.91	61 4.91
9	62 4.91	62 4.91	62 4.91
10	60 4.06	60 4.06	60 4.06
11	62 4.26	62 4.26	62 4.26
12	77 9.12	77 9.12	77 9.12
13	77 9.12	77 9.12	77 9.12
14	77 9.12	77 9.12	77 9.12
15	81 4.07	81 4.07	81 4.07
16	87 4.01	87 4.01	87 4.01
17	87 4.01	87 4.01	87 4.01
18	80 4.45	80 4.45	80 4.45
19	82 4.09	82 4.09	82 4.09
20	80 4.05	80 4.05	80 4.05

20 - 2.40  
21 - 2.81  
22 - 2.70  
23 - 2.62  
24 - 2.40

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173  
 B Series 438  
 Copied B45:202  
 ScV May 17, 1918  
 B49669 Pole alt. corr -.93

[[8 Columned Table]]  
Sc2		g	h	PC
a	B			5.1
b	B			tp
c	B			5.8
d	4.2	4.25	8.45	tp
e	4.2	4.25	8.45	tp
9	~~8.1~~	~~8.1~~	~~8.1~~	~~8.1~~
e^	1	4.4	4.23	8.63
f	4.8	4.17	8.97	tp
g	5.1	4.14	9.24	tp
h	5.3	4.12	9.42	tp
k	5.5	4.10	9.60	tp
l	5.5	4.10	9.60	
m	6.1	4.10	10.20	
n	6.3	4.12	10.42	
n^	1	6.5	4.13	10.63
o	6.5	4.13	10.63	
p	7.0	4.18	11.18	
q	7.1	4.19	11.29	
r	7.1	4.19	11.29	
s	7.5	4.21	11.71	
t	7.5	4.21	11.71	
u	7.7	4.24	11.94	
w	7.9	7.95^	1	0
x	8.5	4.33	12.83	
y	8.7	4.34	13.04	
z	8.9	4.36	13.26	
alpha	92	4.38	13.58	
beta	9.3	4.40	13.70	
gamma	9.5	4.42	13.92	

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173

B Series 438  
 May 17, 1918

Day	Copy	g	h	PC	g	h	PC
a	B				5.1	tp	7.0
b	B				tp	tp	7.7-0.65
c	B				5.8	tp	8.0-0.65
d	4.2	4.25	8.45	tp	tp	wr.s	9.0
e	4.2	4.25	8.45	tp	6.2	wr.u	
f	4.8	4.17	8.97	tp	tp	9.0-0.68	8.32
g	5.1	4.14	9.24	tp	tp	9.2 9.35^	2
h	5.3	4.12	9.42	tp	tp	9.8-0.68	9.12
k	5.5	4.10	9.60	tp	tp		
l	5.5	4.10	9.60				
m	6.1	4.10	10.20				
n	6.3	4.12	10.42				
n^	1	6.5	4.13	10.63			
o	6.5	4.13	10.63				
p	7.0	4.18	11.18				
q	7.1	4.19	11.29				
r	7.1	4.19	11.29				
s	7.5	4.21	11.71				
t	7.5	4.21	11.71				
u	7.7	4.24	11.94				
w	7.9	7.95^	1	0	8.0	4.27	12.22
x	8.5	4.33	12.83				
y	8.7	4.34	13.04				
z	8.9	4.36	13.26				
alpha	92	4.38	13.58				
beta	9.3	4.40	13.70				
gamma	9.5	4.42	13.92				

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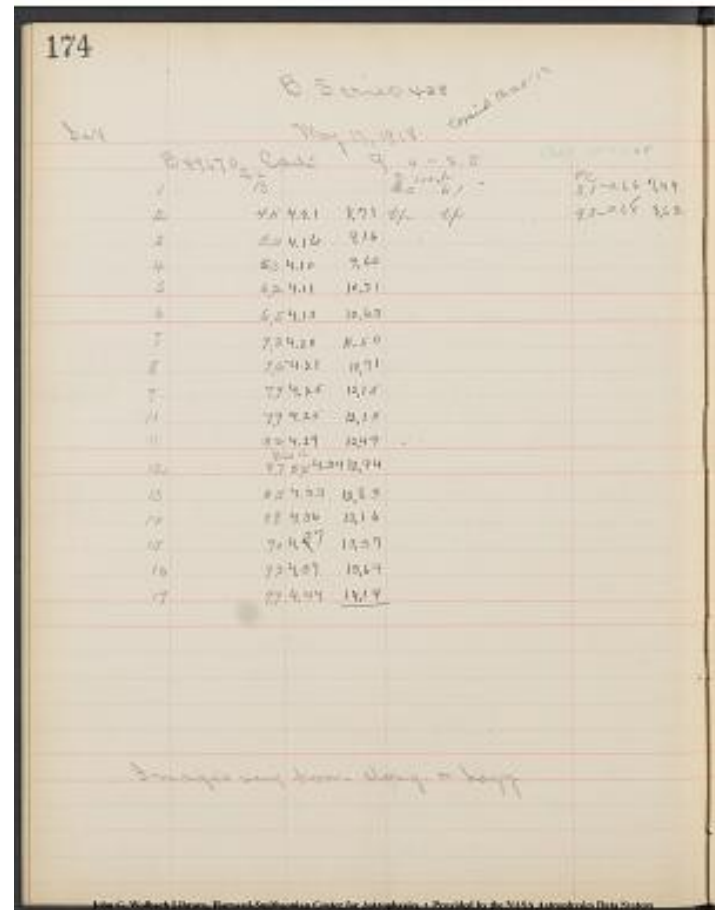


174  
 B Series 438  
 ScV May 17, 1918  
 Copied B35:14  
 B49670 Carte 9 0-2.5 alt corr +05

[[8 column table]]  
 | Sc2 | | | g|h | pc | |  
 |---|---|---|---|---|---|---|---|  
 1|B| | | 6.0|6.05^|[[01]]|6.1|8.1-0.66|7.44|  
 2|4.5|4.21|8.71|tp|tp|9.3-0.68|8.62|  
 3|5.0|4.16|9.16| | | | |  
 4|6.5|4.10|9.60| | | | |  
 5|62|4.11|10.31| | | | |  
 6|6.5|4.13|10.63| | | | |  
 7|7.3|4.20|11.50| | | | |  
 8|7.5|4.21|11.71| | | | |  
 9|7.9|4.25|12.15| | | | |  
 10|7.9|4.25|12.15| | | | |  
 11|8.2|4.29|12.49| | | | |  
 12|8.7|8.60^|1[[1]]|8.5|4.34|12.94| | | |  
 13|8.5|4.33|12.83| | | | |  
 14|8.8|4.36|13.16| | | | |  
 15|90|9.0|4.3[[~~3~~]]|4[[~~3~~]]|37|13.37| | | |  
 16|9.3|4.39|13.69| | | | |  
 17|9.7|4.44|14.14| | | | |

Images very poor elong. & hazy

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175  
 B Series 438  
 copied B35:62  
 ScV May 17, 1918  
 B 49671 Carte 9 0- 16 5 alt. corr +.07

[[7 Columned Table]]

	Sc2		g	h	pc			
1	B		tp	tp	7.9	-0.65	7.25	
2	B				8.5	-0.67	7.83	
3	5.3	4.11	9.41					
4	5.5	4.10	9.60					
5	5.6	4.10	9.70					
6	6.5	4.13	10.63					
7	6.9	4.16	11.06					
8	7.3	4.20	11.50					
9	7.5	4.21	11.71					
10	Scr.							
11	8.0 near scr.	4.26	12.26					
12	8.3	4.30	12.60					
13	Scr.							
14	Scr.							
15	ns							

Plate badly scratched - thru center  
~~3:00~~  
 Over-

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175

B Series 438  
 copied B35:62

1	B		tp	tp	7.9	-0.65	7.25	
2	B				8.5	-0.67	7.83	
3	5.3	4.11	9.41					
4	5.5	4.10	9.60					
5	5.6	4.10	9.70					
6	6.5	4.13	10.63					
7	6.9	4.16	11.06					
8	7.3	4.20	11.50					
9	7.5	4.21	11.71					
10	Scr.							
11	8.0 near scr.	4.26	12.26					
12	8.3	4.30	12.60					
13	Scr.							
14	Scr.							
15	ns							

Plate badly scratched - thru center  
 3:00

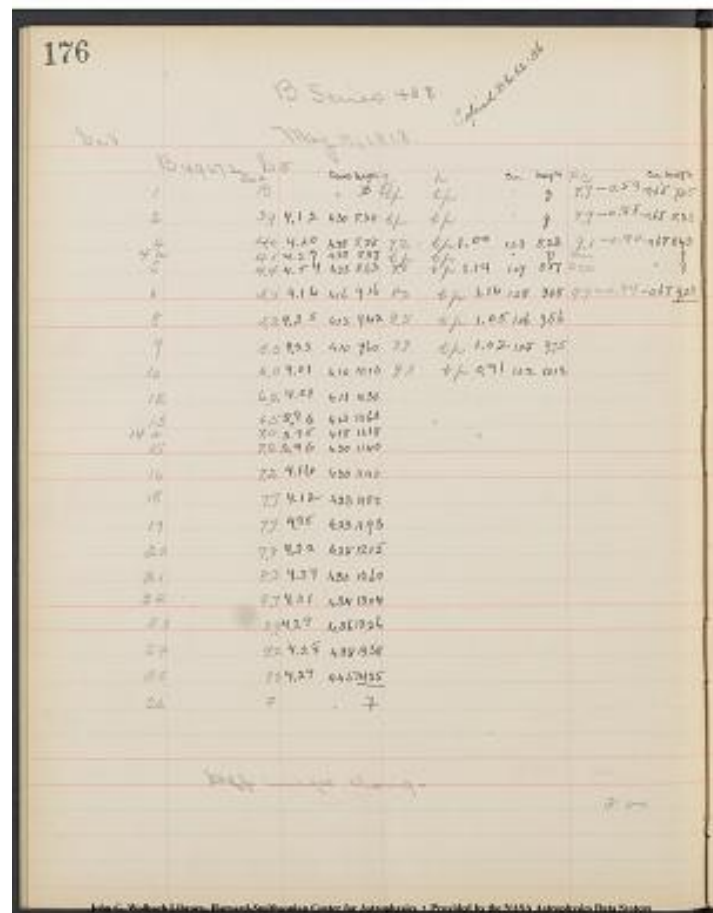
Project PHaEDRA - Evelyn F. Leland - Measures of Variables in M15 #55  
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```

[[14 column table]]
| | Sc2 | | Curve | Magn | g | h | | Cu. | magn | PC | | Cu | magn |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
1|B| |.B|tp|tp| |.q|7.7|-0.54|-0.65|7.05|
2|3.9|4.12|4.30|8.20|tp|tp| |.q|8.9|-0.88|-0.67|8.23|
4|4.0|4.20|4.28|8.28|7.2|tp|1.00|1.03|8.23|9.1|-0.90| -0.67|8.43|
4a|4.1|4.27|4.27|8.37|tp|tp| |.q|Scr| |.q|
5|4.4|4.54|4.23|8.63|7.8|tp|1.14|1.07|8.87|Scr| |.q|
6|5.0|4.16|4.16|9.16|8.0|tp|1.16|1.08|9.08|9.9|-0.74| -
0.67|[[underline]]9.23|[/underline]]
|8|5.3|4.25|4.12|9.42|8.5|tp|1.05|1.06|9.56| | | | |
9|5.5|4.22|4.10|9.60|8.7|tp|1.02|1.05|9.75| | | | |
10|6.0|4.01|4.10|10.10|9.1|tp|0.91|1.02|10.12| | | | |
12|6.2|4.01|4.11|10.31| |tp| | | | | | |
13|6.5|3.96|4.13|10.63| | | | | | | |
14a|7.0|3.95|4.18|11.18| | | | | | | |
15|7.2|3.96|4.20|11.40| | | | | | | |
16|7.2|4.16|4.20|11.40| | | | | | | |
18|7.7|4.12|4.23|11.82| | | | | | | |
19|7.7|4.35|4.23|11.93| | | | | | | |
20|7.9|4.32|4.25|12.15| | | | | | | |
21|8.3|4.39|4.30|12.60| | | | | | | |
22|8.7|4.31|4.34|13.04| | | | | | | |
23|8.9|4.29|4.36|13.26| | | | | | | |
24|9.2|4.28|4.38|13.58| | | | | | | |
25|98|4.29|4.45|[[underline]]14.25|[/underline]]| | | | |
26|F| |.F| | | | | | | | |

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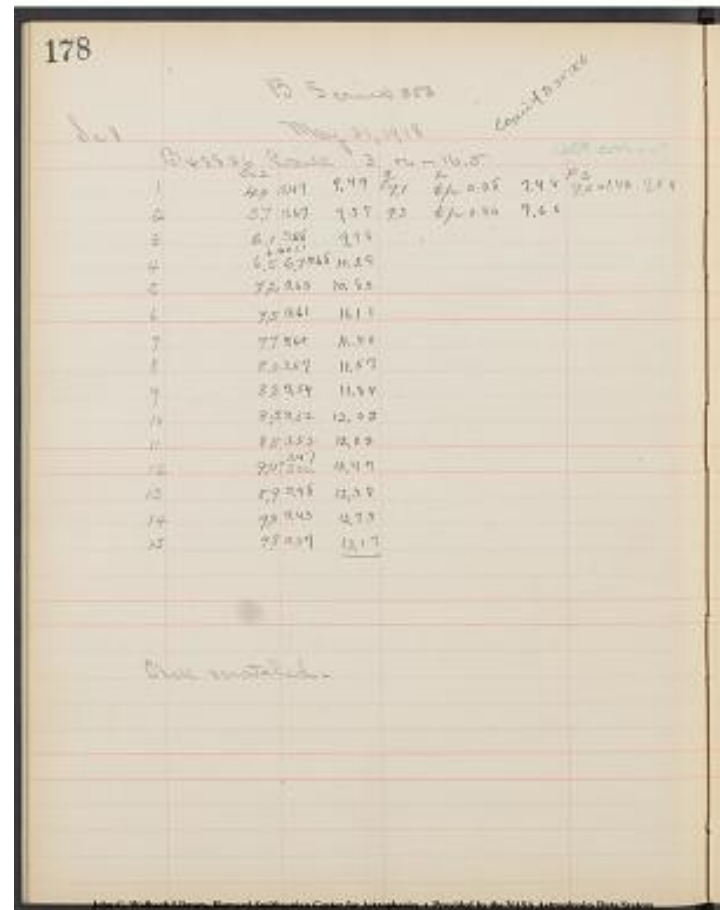
178  
 B Series 365  
 Copied B 35:56  
 Sc V May 21, 1918  
 B48826 Carte 3 00 -16.5 alt. corr +07

[[9 columned table]]

Sc 2	g	h	PC
------	---	---	----

1	4.0	3.49	7.49	7.1	tp	0.38	7.48	PC	9.0	-1.46	7.54
2	5.7	3.67	9.37	9.3	tp	0.36	9.66				
3	6.1	3.68	9.78								
4	6.5	6.60	10.83								
5	7.2	3.63	10.83								
6	7.5	3.61	11.11								
7	7.7	3.60	11.30								
8	8.0	3.57	11.57								
9	8.3	3.54	11.84								
10	8.5	3.52	12.02								
11	8.5	3.52	12.02								
12	9.0	scr.	3.47	12.47							
13	8.9	3.58	12.38								
14	9.3	3.43	12.73								
15	9.8	3.37	13.17								

Plate scratched.



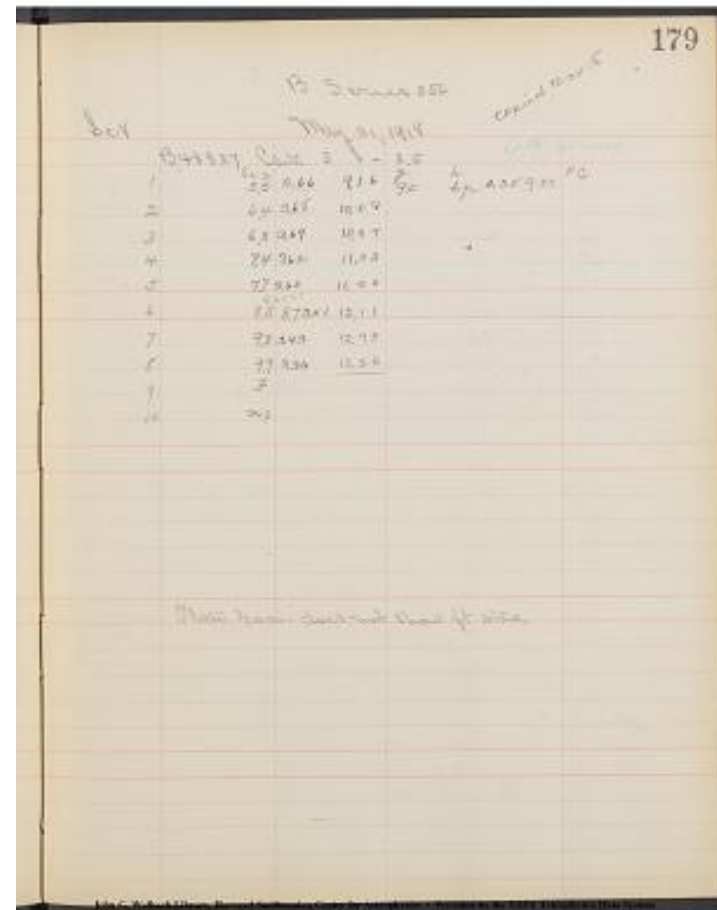
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179  
 B Series 356  
 Copied B35:8  
 ScV May 21, 1918  
 B48827 Carte 3 0-2.5 alt corr -.05

[[9 column table]]

	Sc2		g h		PC			
1	5.5	3.66	9.16	9.0	tp	0.35	9.35	
2	6.4	3.68	10.08					
3	6.8	3.67	10.47					
4	7.4	3.62	11.02					
5	7.7	3.60	11.30					
6	8.5	8.60	<u>12.73</u>	1	<u>1</u>	8.7	3.51	12.11
7	9.3	3.43	12.73					
8	9.9	3.36	<u>13.26</u>					
9	F							
10	ns							

Plate poor. does not show ft stars.



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180

B Series 356

Copied B~~[[strikethrough]]~~ 4~~[[strikethrough]]~~ 27:174

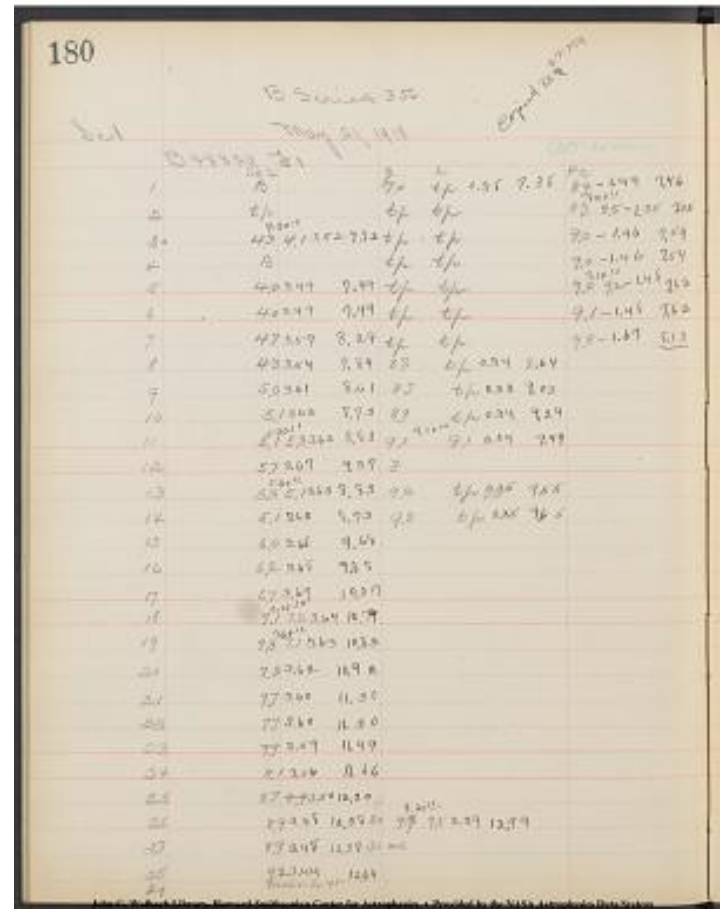
ScV May 21, 1918 alt. corr -31

B 48829 F1

[[10 column table]]

	Sc 2		g h		pc	
1	B		7.0 tp 0.38 7.38 8.9-1.44 7.46			
2	tp		tp tp		8.3^[[8.40^[[ <u>1</u> ]]]] 1]] 8.5-1.35 7.05	
3	4.3^[[4.20^[[ <u>1</u> ]]]] 1]] 4.1  3.52 7.72 tp tp		9.0-1.46 7.54			
4	B		tp tp		9.0-1.46 7.54	
5	4.0 3.49 7.49 tp tp		9.0^[[9.10^[[ <u>1</u> ]]]] 1]] 9.2-1.48 7.62			
6	4.0 3.49 7.49 tp tp		9.1-1.48 7.62			
7	4.7 3.59 8.29 tp tp		9.8-1.67  <u>8.13</u> ]]			
8	4.3 3.54 7.84 8.3 tp 0.34 8.64					
9	5.0 3.61 8.61 8.7 tp 0.33 9.03					
10	5.1 3.63 8.73 8.9 tp 0.34 9.24					
11	5.1^[[5.20^[[ <u>1</u> ]]]] 1]] 5.3 3.63 8.83 9.1^[[9.10 0]] 9.1 0.34 9.44					
12	5.7 3.67 9.37 F					
13	5.3^[[5.20^[[ <u>1</u> ]]]] 1]] 5.3 3.63 8.83 9.2 tp 0.35 9.55					
14	5.1 3.63 8.73 9.3 tp 0.35 9.65					
15	6.0 3.68 9.68					
16	6.2 3.68 9.88					
17	6.7 3.67 10.37					
18	7.1^[[7.15^[[ <u>1</u> ]]]] 1]] 7.2 3.64 10.79					
19	7.3^[[7.20 1]]]] 7.1 3.63 10.83					
20	7.3 3.62 10.92					
21	7.7 3.60 11.30					
22	7.7 3.60 11.30					
23	7.9 3.59 11.49					
24	8.1 3.56 11.66					
25	8.7 <del>[[strikethrough]]</del> 8.9 <del>[[strikethrough]]</del> 3.50 12.20					
26	8.9 3.48 12.38					
27	8.9 3.48 12.38					
28	9.2 3.44 12.64					
29	too close br. st.					
30	9.7^[[9.60^[[ <u>1</u> ]]]] 1]] 9.5 3.39 12.99					
31	n.s					

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B Series 356  
ScV May 21, 1918  
Sheet no 117  
Copied Bk 52:20  
B48830 C3

[[13 columned table]]

Sc2	Curve	Magn	g h	Cu.	magn	PC	Cu	Magn
-----	-------	------	-----	-----	------	----	----	------

1|B| |B|6.1|tp|0.53|~~3~~|~~0.32~~|642|8.0|-  
1.37|-1.37|6.63|

2 tp	1 q tp tp	1 q 8.2 -1.26 -1.40 680
------	-----------	-------------------------

$$|3|tp| \quad |.q|tp|tp| \quad |.q|8.5|-1.28|-1.47|7.03|$$

|4|4.0|3.45|3.5|~~4~~|3|7.53|tp|7.1|-

0.35|+|~~3~~|~~0.23~~|7.33|8.9|-1.45|-1.54|7.36|

6|4.3|3.41|3.54|7.84|7.3 7.40^[[1]]1|

$$7.5|0.31|+[\text{~~3~~}]0.20|7.60|9.1|-1.39|-$$

1.54|7.36|  
|7|4 7|3 35

7|4.7|3.35|3.56|8.26|8.0 7.90^[[1[[]]1  
[[/]]1]]13 8|tr|0.15|: [[tr|e|through]]3

$$7.8|tp|0.15|+\cancel{3}$$

[[/strikethrough]]0.12|8.02|9.9?|-1.85|-  
1.80|~[[/underlined]]8.10?[[/underlined]]

1.80|~[[8.10?]] |  
18|4 0|3 33|2 57|8 47|8 1|tp|0 13|+0 00|8

8 4.9 3.33 3.57 8.47 8.1 tp 0.13 +0.09 8.19			
10 5.0 3.60 3.57 8.57 8.3 tp 0.30 +0.05 8.35			

10	5.0	3.69	3.57	8.57	8.3	tp	0.39	+0.05	8.35
11	5.1	3.95	3.57	8.67	8.5	tp	0.55	+0.02	8.57

11	5.1	3.95	3.57	8.67	8.5	tp	0.55	+0.02	8.57			
12	5.5	3.03	2.53	0.07	tp	0.1	0.33	0.08	0.03			

13	5.5	3.93	3.57	9.07	tp	9.1	0.33	-0.08	9.0
14	5.0	3.05	3.56	0.46					

14	5.9	3.95	3.56	9.46							
15	6.4	3.74	3.55	0.05							

[illegible]

16	6.8	3.51	3.52	10.32							
10	7.1	3.59	3.59	10.60							

19	7.1	3.58	3.50	10.60						
21	7.5	3.55	3.48	10.08						

[illegible]

22	7.5	7.60 <sup>1</sup>	7.7	3.60	3.47	11.07		
----	-----	-------------------	-----	------	------	-------	--	--

23	8.0	3.61	3.44	11.44							
----	-----	------	------	-------	--	--	--	--	--	--	--

24	8.5	3.32	3.39	11.89							
----	-----	------	------	-------	--	--	--	--	--	--	--

[illegible]

27	9.3	9.4	9.5	3.38	3.30	12.70			
----	-----	-----	-----	------	------	-------	--	--	--

	28	9.7	3.51	3.25	<u>12.95</u>									
--	----	-----	------	------	--------------	--	--	--	--	--	--	--	--	--

29	F			F							
----	---	--	--	---	--	--	--	--	--	--	--

12:30

Seq. not in center of plate.

181

B Series 12

May 21, 1918

Buzzards 12

1	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
2	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
3	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
4	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
5	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
6	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
7	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
8	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
9	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
10	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
11	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
12	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
13	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
14	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
15	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
16	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
17	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
18	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
19	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
20	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
21	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
22	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
23	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
24	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
25	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
26	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
27	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
28	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
29	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0
30	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0	4.0 2.0

17-20

3/4 mile in water of lake.

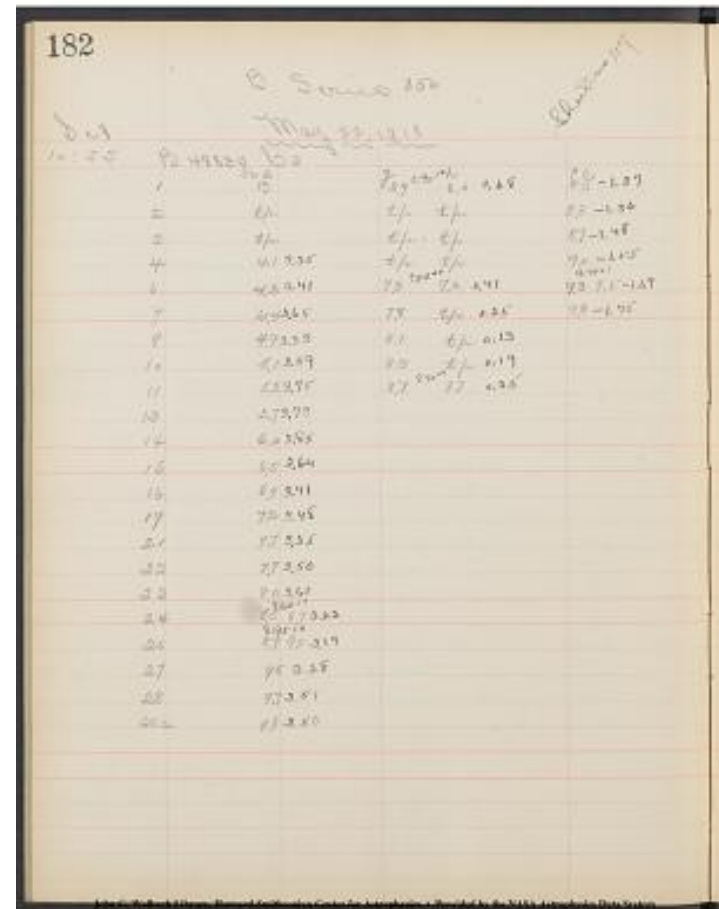
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182  
 B Series 356  
 Sheet no 117  
 ScV May 22, 1918  
 10:55 B 48830 C3

[[7 column table]]  
Sc 2		g	h		pc
 1 | B | | 5.9 5.95^[[[underline]] 1[[/underline]] 0]] | 6.0 | 0.68 | 8.0 - 1.37  
 2 | tp | | tp | tp | | 8.3 - 1.36  
 3 | tp | | tp | tp | | 8.7 - 1.48  
 4 | 4.1 | 3.35 | tp | tp | 9.0 - 1.55  
 6 | 4.3 | 3.41 | 7.3 7.3^[[7.30 0 0]] | 0.41 | 9.3 9.5^[[9.40 [[underline]] 1  
 [[/underline]] 1]] | 9.5 - 1.69  
 7 | 4.4 | 3.65 | 7.8 | tp | 0.25 | 9.8 - 1.75  
 8 | 4.9 | 3.33 | 8.1 | tp | 0.13 | |  
 10 | 5.1 | 3.59 | 8.5 | tp | 0.19 | |  
 11 | 5.3 | 3.75 | 8.7 8.7^[[8.70 0 0]] | 8.7 | 0.35 | |  
 13 | 5.7 | 3.73 | | | | |  
 14 | 6.0 | 3.85 | | | | |  
 15 | 6.5 | 3.64 | | | | |  
 16 | 6.9 | 3.41 | | | | |  
 19 | 7.2 | 3.48 | | | | |  
 21 | 7.7 | 3.35 | | | | |  
 22 | 7.7 | 3.50 | | | | |  
 23 | 8.0 | 3.61 | | | | |  
 24 | 8.5 8.7 8.60^[[[underline]] 1 [[/underline]] 1]] | 3.22 | | | | |  
 26 | 8.9 9.0 8.95^[[[underline]] 1 [[/underline]] 0]] | 3.19 | | | | |  
 27 | 9.5 | 3.28 | | | | |  
 28 | 9.7 | 3.51 | | | | |  
 26a | 8.8 | 3.50 | | | | |

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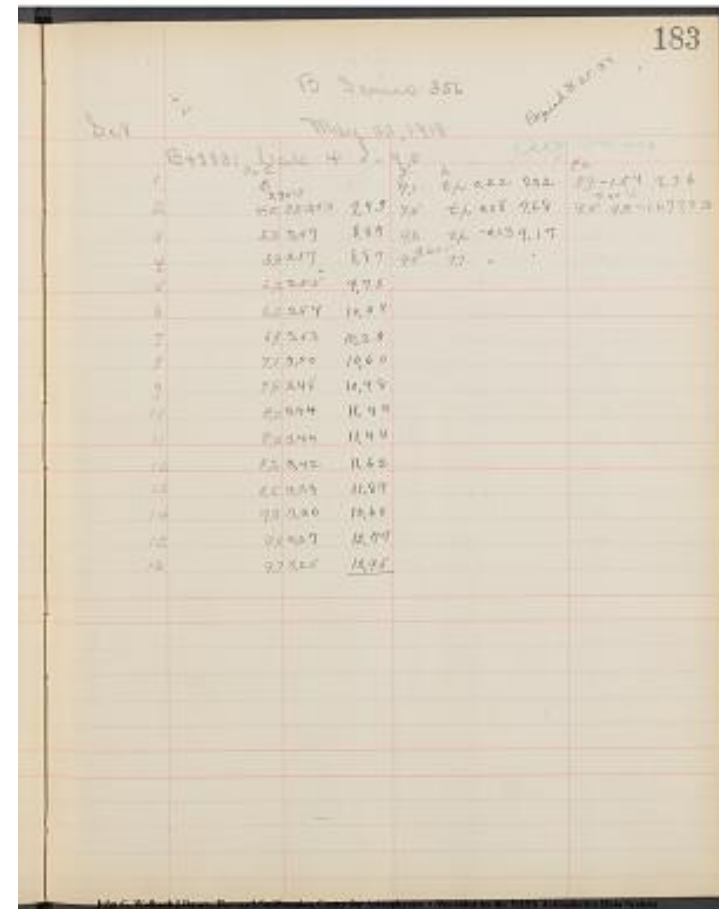


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183  
 B Series 356  
 Sc V May 22, 1918  
 Copied B 35:34  
 B48831 Carte 4 0-9.5 alt corr +.06|

[[10 column table]]  
Sc2									
1	B		7.1	tp	0.22	7.32	8.9-1.54	7.36	
2	4.0 3.90^	1	1	3.8	3.53	7.43	7.5	tp	0.18
7.68	9.5 9.40^	1	1	9.3-1.67	7.73				
3	5.3	3.57	8.87	9.3	tp	-0.13	9.17		
4	5.3	3.57	8.87	9.5 9.60^	1	1	9.7	.	.
 5| 6.2| 3.55| 9.75| | | | | | |  
 6| 6.5| 3.54| 10.04| | | | | | |  
 7| 6.8| 3.53| 10.33| | | | | | |  
 8| 7.1| 3.50| 10.60| | | | | | |  
 9| 7.5| 3.48| 10.98| | | | | | |  
 10| 8.0| 3.44| 11.44| | | | | | |  
 11| 8.0| 3.44| 11.44| | | | | | |  
 12| 8.2| 3.42| 11.62| | | | | | |  
 13| 8.5| 3.39| 11.89| | | | | | |  
 14| 9.3| 3.30| 12.60| | | | | | |  
 15| 9.5| 3.27| 12.77| | | | | | |  
 16| 9.7| 3.25| 12.95| | | | | | |



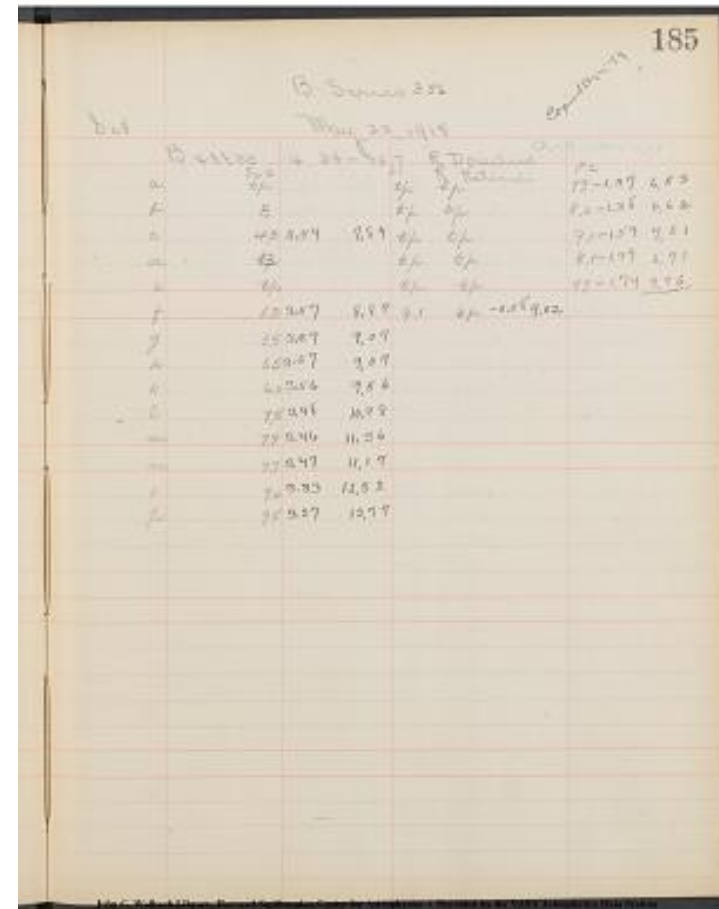
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185  
 B Series 356  
 Copied B44:74  
 Sc V May 22, 1918  
 B48833 4 34-62.7 R Doradus alt corr -.11  
 R Reticuli

[9 column table]

Sc2								PC
-----	--	--	--	--	--	--	--	----

a	tp			tp	tp	7.9-1.37	6.53	
b	B			tp	tp	8.0-1.38	6.62	
c	4.3	3.54	7.84	tp	tp	9.1-1.59	7.51	
d	B	<del>tp</del>	<del>tp</del>					
e	tp		tp	tp		9.7-1.74	<u>7.96</u>	
f	5.3	3.57	8.87	9.1	tp	-0.08	9.02	
g	5.5	3.57	9.07					
h	5.5	3.57	9.07					
k	6.0	3.56	9.56					
l	7.5	3.48	10.98					
m	7.9	3.46	11.36					
n	7.7	3.47	11.17					
o	9.0	3.33	12.33					
p	9.5	3.27	12.77					



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186  
 B Series 356  
 Copied B44:80  
 Sc V May 22, 1918  
 B 48834 R Pictoris 4 44 -49.4 alt corr -.01

[[9 columned table]]  
 |Sc2| | |g|h| | |pc  
 A|tp| | |tp|tp| | |8.3-1.44 6.86  
 B|tp| | |tp|tp| | |9.5-1.70 7.80  
 a|4.6|3.55|8.15|8.1|tp|0.09|8.19|9.9-1.80 8.10  
 a^[[1]]|4.9|3.57|8.47|8.3|tp|0.06|8.36|  
 b|5.0|3.57|8.57|8.3|tp|0.06|8.36|  
 b^[[1]]|5.8^|5.90|1|1|6.0|3.57|9.47|9.5|tp|. |  
 b^[[2]]|5.7^|5.60|1|1|5.5|3.57|9.17|9.0|tp|-  
 0.07|8.93|  
 c|5.1|3.57|8.67|8.7|tp|-0.01|8.69|  
 d|5.3|3.57|8.87|9.0|tp|-0.07|8.93|  
 e|6.2|3.55|9.75| | | | | | | |  
 e^[[1]]|5.9|3.56|9.46| | | | | | | |  
 f|6.5|3.55|10.05| | | | | | | |  
 g|7.3|3.50|10.80| | | | | | | |  
 h|7.5|3.48|10.98| | | | | | | |  
 k|7.5|3.48|10.98| | | | | | | |  
 l|8.0|3.44|11.44| | | | | | | |  
 m|8.4|3.40|11.80| | | | | | | |  
 n|8.9|3.35|12.25| | | | | | | |  
 o|9.1^|9.20|1|1|9.3|3.33|12.51| | | | |  
 p|9.8^|9.60|1|1|9.7|3.27|12.87| | | | |  
 q|p.s|

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186

B Series 356

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Sc V May 22, 1918

B 48834 R Pictoris 4 44 -49.4 alt corr -.01

	Sc2	g	h	pc					
A	4.6	3.55	8.15	8.1	tp	0.09	8.19	9.9-1.80	8.10
B	4.9	3.57	8.47	8.3	tp	0.06	8.36		
a	5.0	3.57	8.57	8.3	tp	0.06	8.36		
a^	5.8	5.90	1	1			6.0	3.57	9.47
b	5.7	5.60	1	1			5.5	3.57	9.17
b^	5.9	3.56	9.46						
c	5.1	3.57	8.67	8.7	tp	-0.01	8.69		
d	5.3	3.57	8.87	9.0	tp	-0.07	8.93		
e	6.2	3.55	9.75						
e^	5.9	3.56	9.46						
f	6.5	3.55	10.05						
g	7.3	3.50	10.80						
h	7.5	3.48	10.98						
k	7.5	3.48	10.98						
l	8.0	3.44	11.44						
m	8.4	3.40	11.80						
n	8.9	3.35	12.25						
o	9.1	9.20	1	1			9.3	3.33	12.51
p	9.8	9.60	1	1			9.7	3.27	12.87
q	p.s								

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187

B Series 356

ScV May 22, 1918

B48835 C3

[8 Columned Table]

| Sc2 | | g | h | | PC | |  
|----|----|----|----|----|----|

1	B	6.8	tp	-0.17	8.1	<del>[[[strikethrough]]]</del>	<del>[[[strikethrough]]]</del>	-1.47	
2	tp	tp	tp	8.3	-1.36				
3	tp	tp	tp	8.8	-1.58				
4	4.0	3.45	tp	7.7	-0.25	9.0	-1.55		
6	3.9	3.81	8.0	8.05 <sup>^</sup>	[[01]]	8.1	-0.34	9.5	-1.79
7	4.3	3.75	8.0	8.05 <sup>^</sup>	[[01]]	8.1	±0.00	9.8	-1.75
8	4.7	3.53	8.3	tp	-0.07				
10	5.0	3.69	8.9	8.95 <sup>^</sup>	[[[ <u>1</u> ]]]	0		9.0	-0.26
11	5.3	3.75	9.1	tp	-0.05				
13	6.0	3.43							
14	6.5	3.35							
15	6.7	3.44							
16	7.0	3.31							
19	7.3	3.38							
21	7.7	3.35							
22	7.9	3.30							
23	8.1	3.51							
24	8.7	3.12							
26	9.1	3.04							
27	9.7	3.08							
28	9.8	3.41							
26a	9.0	3.30							

1:15

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B Series 356  
May 22, 1918

1	8	8.3	tp	-0.17	8.1	<del>[[[strikethrough]]]</del>	<del>[[[strikethrough]]]</del>	-1.47	
2	tp	tp	tp	8.3	-1.36				
3	tp	tp	tp	8.8	-1.58				
4	4.0	3.45	tp	7.7	-0.25	9.0	-1.55		
6	3.9	3.81	8.0	8.05 <sup>^</sup>	[[01]]	8.1	-0.34	9.5	-1.79
7	4.3	3.75	8.0	8.05 <sup>^</sup>	[[01]]	8.1	±0.00	9.8	-1.75
8	4.7	3.53	8.3	tp	-0.07				
10	5.0	3.69	8.9	8.95 <sup>^</sup>	[[[ <u>1</u> ]]]	0		9.0	-0.26
11	5.3	3.75	9.1	tp	-0.05				
13	6.0	3.43							
14	6.5	3.35							
15	6.7	3.44							
16	7.0	3.31							
19	7.3	3.38							
21	7.7	3.35							
22	7.9	3.30							
23	8.1	3.51							
24	8.7	3.12							
26	9.1	3.04							
27	9.7	3.08							
28	9.8	3.41							
26a	9.0	3.30							

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189

B Series 358 Copied B35:102

ScV May 24, 1918

B48844 Carte 1 0 - 31.5 alt. corr +.05

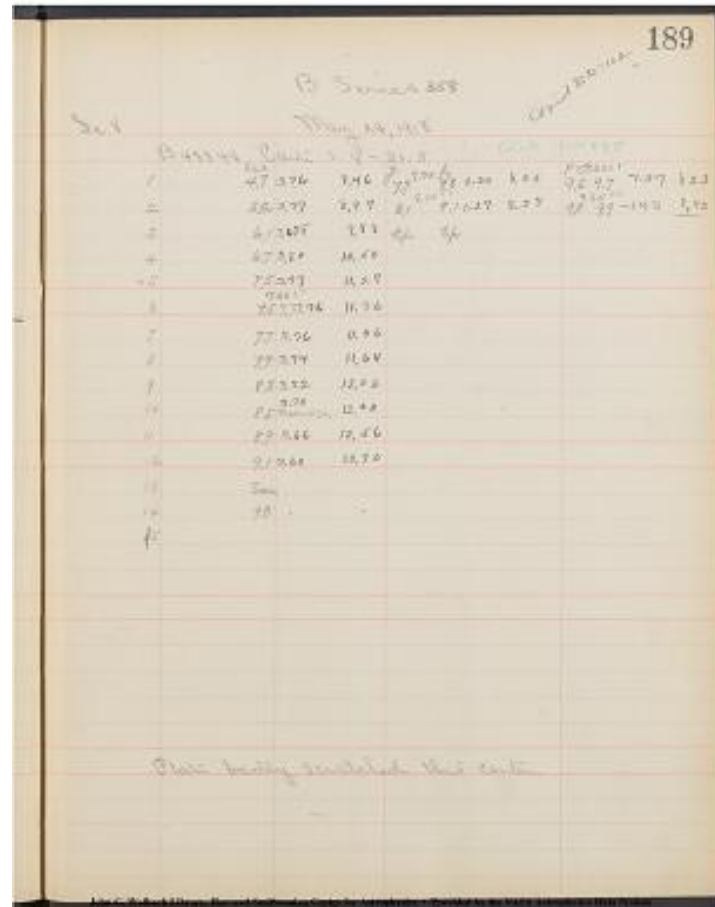
[[11 Columned Table]]

| Sc2 | | | g | h | | | PC | | |  
|-----|-----|-----|-----|-----|

| 1 | 4.7 | 3.76 | 8.46 | 7.7 7.75^[[[underlined]] 1 [[/underlined]] 0]] | 7.8 |  
0.30 | 8.05 | 9.5 9.60^[[[underlined]] 1 [[/underlined]] 1]] 9.7 | -1.37 | 8.23 |  
| 2 | 5.2 | 3.77 | 8.97 | 8.1 8.10^[[00]] | 8.1 | 0.27 | 8.37 | 9.8 9.85^[[01]]  
9.9 | -1.43 | [[underlined]] 8.42 [[/underlined]] |  
3	6.1	3. [[strikethrough]] 6 [[/strikethrough]] 78	9.88	tp	tp							
4	6.7	3.80	10.50									
5	7.5	3.77	11.27									
6	7.5 7.60^[[[underlined]] 1 [[/underlined]] 1]] 7.7	3.76	11.36									
7	7.7	3.76	11.46									
8	7.9	3.74	11.64									
9	8.3	3.72	12.02									
10	8.5 near Scr.	3.70	12.20									
11	8.9	3.66	12.56									
12	9.1	3.60	12.70									
13	Scr.											
14	9.8											
[[strikethrough]] 15 [[/strikethrough]]												

Plate badly scratched thro center.

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B Series 358 Copied B44:52

ScV May 24, 1918

B48845 R Sculptois. 122 - 33.4 alt. corr +.05

[[11 Columned Table]]

| Sc2 | | | g | h | | | PC | | |  
|-----|

a	B			tp	tp			7.7		
b	B			7.1	tp	0.40	7.50	8.5	-1.06	7.44
c	3.9	3.72	7.62	7.7	tp	0.30	8.00	9.3	-1.30	8.00
d	4.9	3.77	8.67	8.9	8.95^[[[underlined]]] 1 [[/underlined]] 0]]	9.0				
e	5.5	3.78	9.28	9.7	9.70^[[[00]]]	9.7	.			
f	6.1	3.78	9.88							
g	6.5	6.60^[[[underlined]]] 1 [[/underlined]] 1]]	6.7	3.80	10.40					
h	7.0	3.80	10.80							
k	7.6	3.76	11.36							
l	7.9	3.74	11.64							
m	8.9	3.66	12.56							
n	9.1	3.51	12.61							
o	9.7	3.47	[[underlined]] 13.17 [[/underlined]]							

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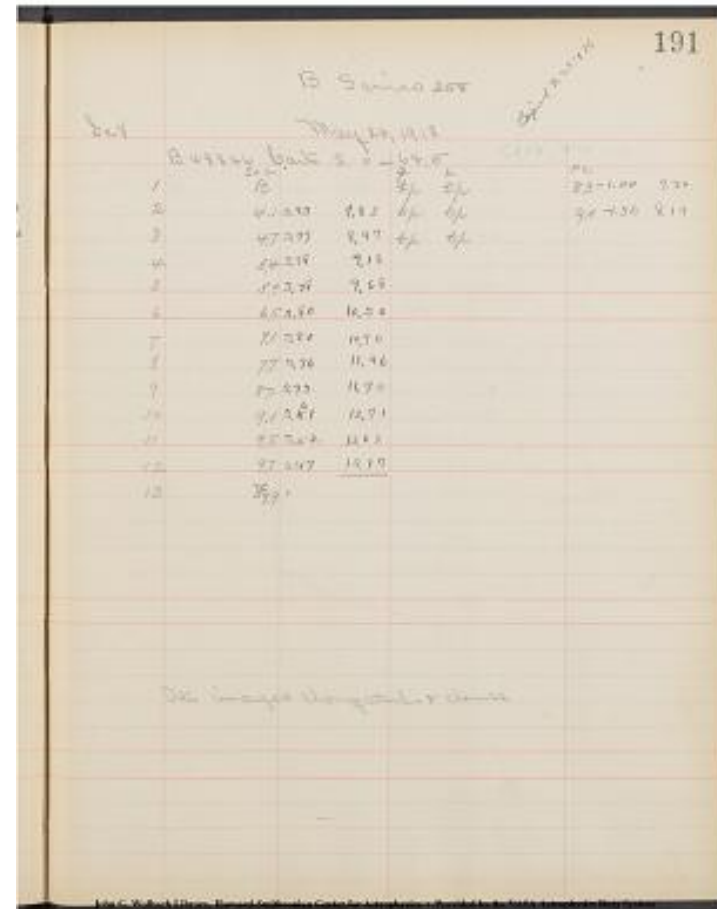
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191

B Series 358  
 Copied B35:126  
 Sc V May 24, 1918  
 B48846 Carte 2 0-64.5 alt. corr -.14

[[8 column table]]  
Sc2		g	h	pc	
 1 | B | | | tp | tp | 8.3-1.00 | 7.30 |  
 2 | 4.1 | 3.73 | 7.83 | tp | tp | 9.5-1.36 | 8.14 |  
 3 | 4.7 | 3.77 | 8.47 | tp | tp | | |  
 4 | 5.4 | 3.78 | 9.18 | | | | |  
 5 | 5.9 | 3.78 | 9.68 | | | | |  
 6 | 6.5 | 3.80 | 10.30 | | | | |  
 7 | 7.1 | 3.80 | 10.90 | | | | |  
 8 | 7.7 | 3.76 | 11.46 | | | | |  
 9 | 8.0 | 3.73 | 11.73 | | | | |  
 10 | 9.1 | 3. | ~~5~~ | 61 | 12.71 | | | |  
 11 | 9.5 | 3.52 | 13.02 | | | | |  
 12 | 9.7 | 3.47 | 13.17 | | | | |  
 13 | ~~9.9~~ | F | ~~9.9~~ | . | | | |

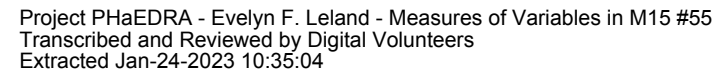
all images elongated & dense



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B Series 358

Sheet No 118.

Sc V May 27, 1918

11:00 B48847 C1

[[7 columned table]]

| Sc2 | g|h | PC |

|-----|-----|-----|

1| B | |tp| tp| | 8.2-1.02|

2|tp| |6.7| tp| 0.69|8.5-1.11|

3|3.7|3.80|6.9| tp| 0.60|8.9-1.40|

4|tp| |tp| tp| | 9.0-1.04|

5|4.5|3.83|7.9| tp| 0.43|9.8-1.47|

9|5.4|3.88|9.0 9.00^[[00]] | 9.0 |0.28| |

11|5.9|3.79|9.3 9.40^[[1]] | 1 | 9.5 |0.29| |

12|6.5|3.52|9.8| F| 0.22| |

14|7.0|3.62| | | |

15|7.3|3.74| | | |

16|7.5|3.70| | | |

17|7.7|3.80| | | |

18|8.0|3.94| | | |

19|8.3|3.91| | | |

20|8.9|3.72| | | |

21|9.5 9.60^[[1]] | 1 | 9.7 | 3.32| | | |

24|F| | | | |

25|n.s| | | | |

[[~~26~~]] | | | | |

7a|5.3|3.56| | | |

13a|6.7|3.74| | | |

18c|8.1| | | | |

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B Series 358

Sheet No 118

Sc V May 27, 1918

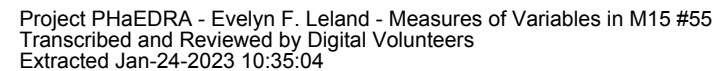
11:00 B48847 C1

1	2	3	4	5	6	7
1	B	tp  tp	8.2-1.02			
2	tp	6.7  tp	0.69 8.5-1.11			
3	3.7 3.80 6.9	tp  0.60 8.9-1.40				
4	tp	tp  tp	9.0-1.04			
5	4.5 3.83 7.9	tp  0.43 9.8-1.47				
9	5.4 3.88 9.0 9.00^[[00]]	9.0  0.28				
11	5.9 3.79 9.3 9.40^[[ <u>1</u> ]]	1   9.5  0.29				
12	6.5 3.52 9.8	F  0.22				
14	7.0 3.62					
15	7.3 3.74					
16	7.5 3.70					
17	7.7 3.80					
18	8.0 3.94					
19	8.3 3.91					
20	8.9 3.72					
21	9.5 9.60^[[ <u>1</u> ]]	1   9.7   3.32				
24	F					
25	n.s					
[[ <del>26</del> ]]						
7a	5.3 3.56					
13a	6.7 3.74					
18c	8.1					

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[illegible]

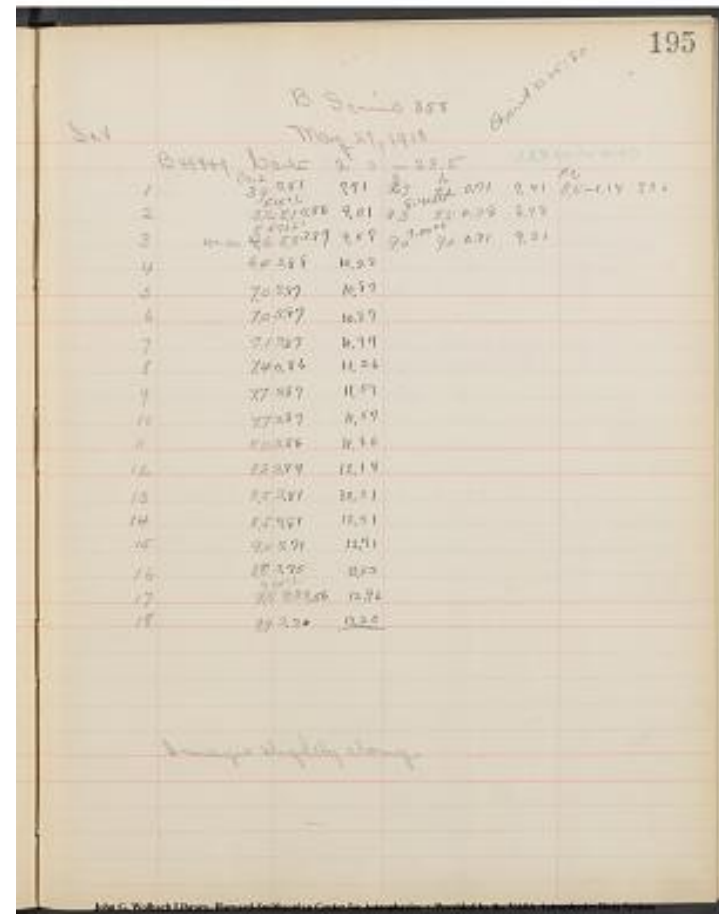
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195  
 B Series 358  
 Copied B35:80  
 Sc V May 27, 1918  
 B48849 Carte 2 0 -23.5 alt corr +.07

[[11 columned table]]  
 | | Sc2 | | | gh | | | PC | | |  
 | | | | | | | | | | | | |  
 1 | 3.9 | 3.81 | 7.71 | 6.7 | tp | 0.71 | 7.41 | 8.5 | -1.14 | 7.36 |  
 2 | 5.2 | 5.1 | 5.15 | 0 | 1 |  
 | | | | | | | | | | | | |  
 | | | | | | | | | | | | |  
 3 | wr. w. | 4 | 5.5 | 5.8 | 5.70 |  
 1 | 1 | | 3.87 | 9.57 | 9.0 | 9.00 | 0 | 9.0 | 0.31 | 9.31 | | |  
 4 | 6.4 | 3.88 | 10.28 | | | | | | | | | |  
 5 | 7.0 | 3.87 | 10.87 | | | | | | | | | |  
 6 | 7.0 | 3.87 | 10.87 | | | | | | | | | |  
 7 | 7.1 | 3.87 | 10.97 | | | | | | | | | |  
 8 | 7.4 | 3.86 | 11.26 | | | | | | | | | |  
 9 | 7.7 | 3.87 | 11.57 | | | | | | | | | |  
 10 | 7.7 | 3.87 | 11.57 | | | | | | | | | |  
 11 | 8.0 | 3.86 | 11.86 | | | | | | | | | |  
 12 | 8.3 | 3.84 | 12.14 | | | | | | | | | |  
 13 | 8.5 | 3.81 | 12.31 | | | | | | | | | |  
 14 | 8.5 | 3.81 | 12.31 | | | | | | | | | |  
 15 | 9.0 | 3.71 | 12.71 | | | | | | | | | |  
 16 | 8.8 | 3.75 | 12.53 | | | | | | | | | |  
 17 | 9.5 | 9.3 | 9.40 | 1 | 1 | | | | | | | | | |  
 18 | 9.9 | 3.30 | 13.20 | | | | | | | | | |

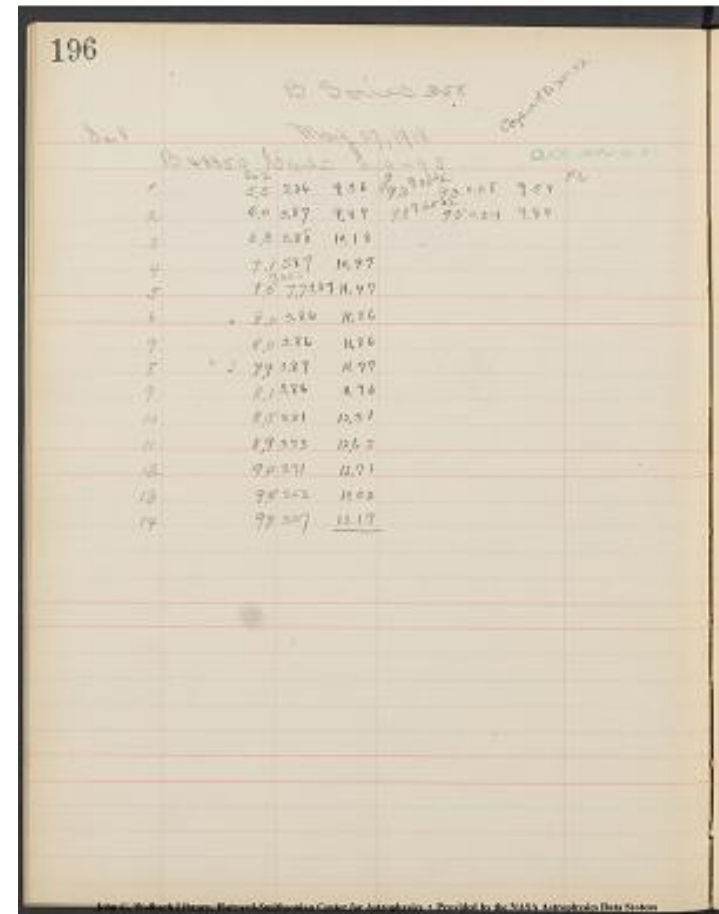
Images slightly elong.



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196  
 B Series 358  
 Copied B35.32  
 Sc V May 27, 1918  
 B48850 Carte 2 0-95 alt corr +.06

[[9 column table]]  
 | Sc2 | | | g|h | | | PC |  
 |-----|-----|-----|-----|  
 1 5.5 | 3.86 | 9.36 | 9.3 | 9.30^ | 00 | 9.3 | 0.28 | 9.58 | |  
 2 6.0 | 3.87 | 9.87 | 9.8 | 9.65^ | 2 | 1 | 9.5 | 0.24 |  
 9.89 |  
 3 6.3 | 3.88 | 10.18 | | | | | |  
 4 7.1 | 3.87 | 10.97 | | | | | |  
 5 7.5 | 7.6^ | 11.86 | 1 | 7.7 | 3.87 | 11.47 | | | |  
 6 8.0 | 3.86 | 11.86 | | | | | |  
 7 8.0 | 3.86 | 11.86 | | | | | |  
 8 7.9 | 3.87 | 11.77 | | | | | |  
 9 8.1 | 3.86 | 11.96 | | | | | |  
 10 8.5 | 3.81 | 12.31 | | | | | |  
 11 8.9 | 3.73 | 12.63 | | | | | |  
 12 9.0 | 3.71 | 12.71 | | | | | |  
 13 9.5 | 3.52 | 13.02 | | | | | |  
 14 9.8 | 3.37 | 13.17 | 13.17 | | | | |



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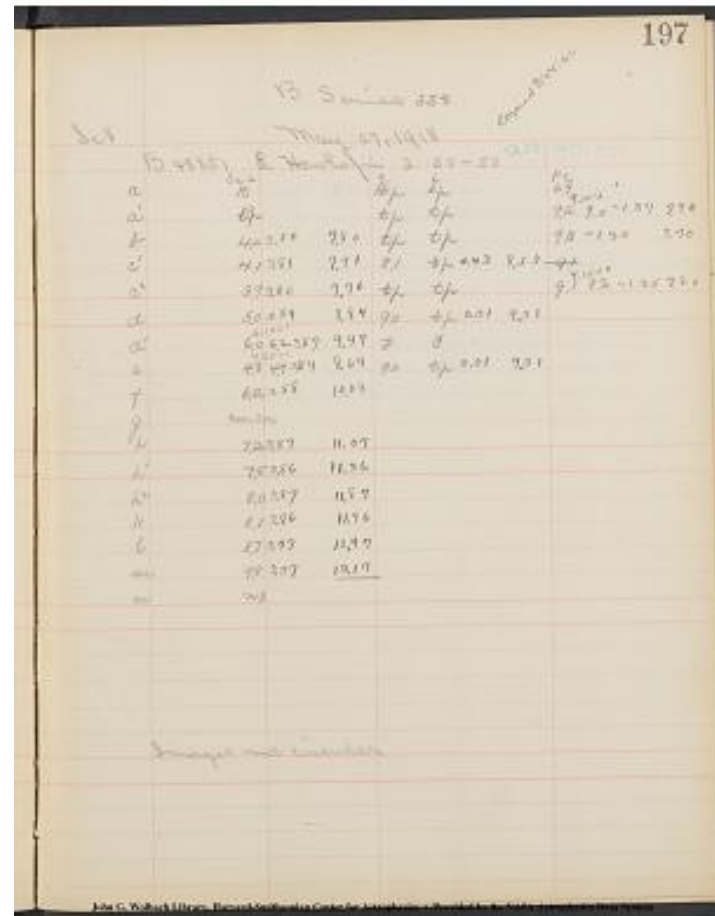
197  
 B Series 358  
 Copied B44:60  
 Sc V May 27, 1918  
 B48851 R Horologii 2 50-50 Alt corr -.01

[[10 column table]]  

	Sc2	g h	PC	
a	B	tp tp	6.9	
a'	tp	tp tp	9.2 9.10	<u>1</u> <u>1</u> 9.0-1.34 7.76
b	4.0 3.80 7.80	tp tp	9.0-1.30 7.70	
c	4.1 3.81 7.91 8.1	tp 0.43 8.53	<del>9.1</del>	
c'	<del>3.9 3.80 7.70</del>	tp tp	9.1	
d	5.0 3.84 8.84 9.0	tp 0.31 9.31		
d'	6.0 6.1	<u>1</u> <u>1</u> 6.2 3.87 9.97	F F	
e	4.8 4.85	<u>01</u> 4.9 3.84 8.69 9.0	tp 0.31 9.31	
f	6.2 3.88 10.08			
g	near scr.			
h	7.2 3.87 11.07			
h'	7.5 3.86 11.36			
h''	8.0 3.87 11.87			
k	8.1 3.86 11.96			
l	8.7 3.77 12.47			
m	9.8 3.37	<u>13.17</u>		
n	n.s			

Images not circular.

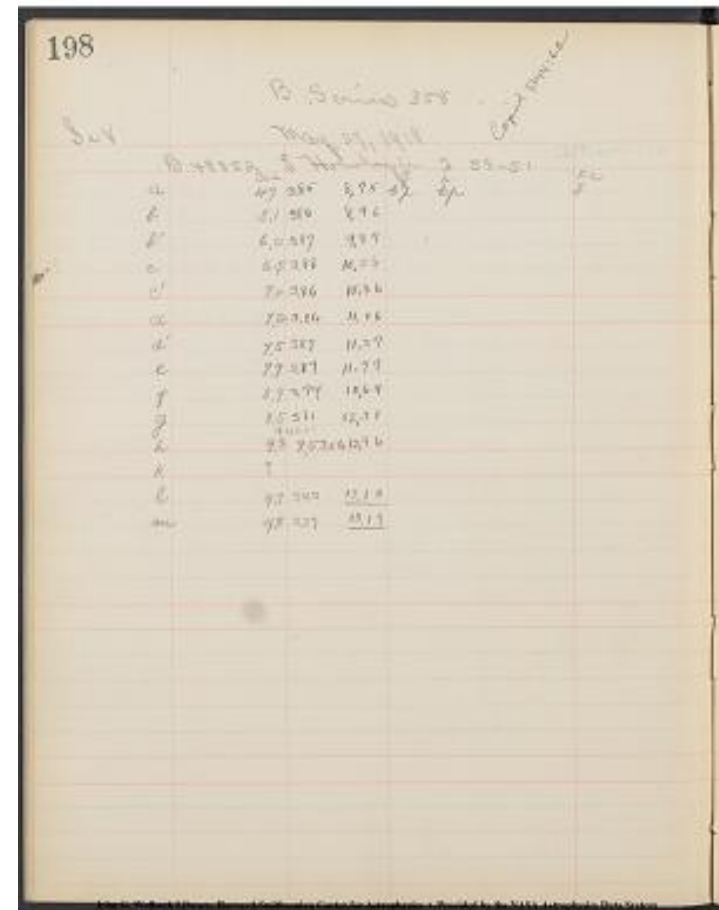
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198  
 B Series 358  
 Sc v May 27, 1918  
 Copied B44:62  
 B48852 S Horologii 2 58-51 Alt corr -.02

[[7 columned table]]  
Sc2			g	h	PC
 a|4.9|3.85|8.75|tp|tp|F|  
 b|5.1|3.86|8.96| | | |  
 b|6.0|3.87|9.87| | | |  
 c|6.5|3.88|10.38| | | |  
 c|7.0|3.86|10.86| | | |  
 d|7.2|3.86|11.06| | | |  
 d|7.5|3.87|11.37| | | |  
 e|7.9|3.87|11.77| | | |  
 f|8.9|3.74|12.64| | | |  
 g|8.5|3.81|12.31| | | |  
 h|9.3|9.40^|[[1]]|9.5|3.56|12.96| | | |  
 k|?| | | | | |  
 l|9.7|3.43|[[13.13]]| | | |  
 m|9.8|3.37|[[13.17]]| | | |



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199  
B Series 358 Copied Bk52;12

Sev May 27, 1918  
B48853 b2  
1 Sc2 B Cu. Magn. . B g th h th Cu. Magn. . q PC 8.0-1.06 Cu. Magn. -  
1.01 6.99  
2 B . B th 6.5 0.74 0.76 7.26 8.3-1.06 -1.09 7.21  
3 3.8 3.84 3.81 7.61 th th . q 8.9-1.26 -1.27 7.63  
4 4.2 4.00 3.82 8.02 7.5 th 0.70 0.53 8.03 9.6-9.8 -1.60-1.53 8.27  
6 5.0 3.67 3.84 8.84 8.5 th 0.17 0.37 8.87  
7 5.1 3.96 3.85 8.95 8.5 th 0.56 0.37 8.87  
10 5.7 3.65 3.87 9.57 9.0 th 0.35 0.41 9.41  
11 6.0 3.74 3.87 9.87  
12 6.1 3.86 3.87 9.97  
14 6.9 3.89 3.87 10.77  
16 7.2 3.98 3.86 11.06  
17 7.5 3.93 3.87 11.57  
19 7.9 3.93 3.87 11.77  
21 8.5 3.84 3.81 12.31  
22 8.7 3.80 3.77 12.47  
23 9.3 3.49 3.60 12.90  
25 9.5 9.60 9.7 3.50 3.49 13.09  
9b 6.1 - 3.87 9.97  
12a 6.5 3.91 3.87 10.37  
26 F - F

199

B Series 358

May 27, 1918

Cavalry, 1st

Series 358

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	6	0.74	0.76	7.26	8.3-1.06	-1.09	7.21																							
2	10	3.8	3.84	3.81	7.61	th th . q	8.9-1.26	-1.27	7.63																					
3	14	4.2	4.00	3.82	8.02	7.5 th	0.70 0.53	8.03	9.6-9.8	-1.60-1.53	8.27																			
4	18	5.0	3.67	3.84	8.84	8.5 th	0.17 0.37	8.87																						
5	22	5.1	3.96	3.85	8.95	8.5 th	0.56 0.37	8.87																						
6	26	5.7	3.65	3.87	9.57	9.0 th	0.35 0.41	9.41																						
7	30	6.0	3.74	3.87	9.87																									
8	34	6.1	3.86	3.87	9.97																									
9	38	6.9	3.89	3.87	10.77																									
10	42	7.2	3.98	3.86	11.06																									
11	46	7.5	3.93	3.87	11.57																									
12	50	7.9	3.93	3.87	11.77																									
13	54	8.5	3.84	3.81	12.31																									
14	58	8.7	3.80	3.77	12.47																									
15	62	9.3	3.49	3.60	12.90																									
16	66	9.5	9.60	9.7	3.50	3.49	13.09																							
17	70	9b	6.1	-	3.87	9.97																								
18	74	12a	6.5	3.91	3.87	10.37																								
19	78	26	F	-	F																									

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200  
 B Series 314 (1st half)  
 Copied Bk 27:182  
 ScV June 24, 1918  
 10:15 B48373 E8 Alt. corr +.02

[[10 column table]]

| Sc2 | | | g | h | | PC | |  
 |---|---|---|---|---|---|---|

1	4.9	2.97	7.87	tp	7.2	-0.09	7.11	9.0	-1.71	7.29	
2	4.7	2.98	7.68	tp	tp	<del>[[strikethrough]]</del>	-0.08	<del>[[strikethrough]]</del>			
3	5.0	2.97	7.97	tp	7.5	-0.08	7.42	9.1	-1.72	7.39	
4	4.5	3.00	7.50	tp	6.9	-0.10	6.80	8.7	-1.70	7.00	
5	4.9	2.97	7.87	tp	tp		9.2	-1.71	7.49		
6	tp		tp	tp		n.s	scr				
7	4.9	2.97	7.87	tp	tp		9.1	-1.71	7.39		
8	5.1	2.97	8.07	tp	tp		9.3	-1.72	7.58		
9	5.3	2.97	8.27	7.9	tp	<del>[[strikethrough]]</del>	7.9	<del>[[strikethrough]]</del>	-0.06		
10	7.84	9.7	-1.70	<u>[[underline]]</u>	8.00	<u>[[underline]]</u>					
11	5.5	2.97	8.47	tp	tp						
12	5.6	2.98	8.58	tp	8.3	8.5	<u>[[00]]</u>	8.7	-0.02	8.48	
13	5.5	2.97	8.47	8.7	8.7	8.7	+0.01	8.71			
14	5.7	2.98	8.68								
15	5.8	2.98	8.78								
16	6.3	2.97	9.27								
17	6.3	2.97	9.27								
18	6.5	2.97	9.47								
19	7.1	2.97	10.07								
20	7.3	2.97	10.27								
21	7.4	2.97	10.37								
22	7.5	2.97	10.49								
23	7.7	2.98	10.68								
24	7.9	2.99	10.89								
25	8.1	3.00	11.10								
26	8.5	3.02	11.52								
27	8.9	3.05	11.95								
28	8.9	3.05	11.95								
29	8.9	3.05	11.95								
30	8.9	3.05	11.95								
31	9.0	3.06	12.06								
32	9.4	3.10	12.05								
33	9.7	3.13	<u>[[underline]]</u>	12.83	<u>[[underline]]</u>						
34	9.8	3.14	<u>[[underline]]</u>	12.94	<u>[[underline]]</u>						
35	F	F									

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201  
 B Series 314  
 Copied Bk 35: ~~100~~ ~~98~~  
 ScV June 24, 1918  
 B48375 Carte 20 0-23.5 alt. corr +07

[[10 column table]]

Sc2	g	h	PC

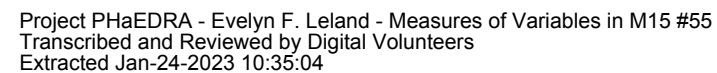
1	4.0	3.06	7.06	tp	tp		8.1	-1.66e	6.44e			
2	4.9	2.99	7.89	7.3	tp		-0.09	7.21	9.1	-1.72	7.38	
3	5.7	2.97	8.67	tp	tp							
4	6.1	2.98	9.08	tp	tp							
5	6.6	2.97	9.57									
6	6.7	2.97	9.67									
7	6.9	2.97	9.87									
8	7.5	2.97	10.47									
9	7.7	2.98	10.68									
10	7.7	2.98	10.68									
11	7.9	2.99	10.89									
12	8.2	8.10	8.0	3.00	11.11							
13	8.0	2.99	10.99									
14	8.3	3.01	11.31									
15	8.7	8.60	8.5	<del>[[strikethrough]]</del>	8	<del>[[/strikethrough]]</del>	3.03	11.63				
16	8.9	3.06	11.96									
17	9.1	3.07	12.17									
18	9.5	3.11	12.64									
19	9.8	3.14	<u>12.94</u>	<u>[[underline]]</u>	12.94	<u>[[/underline]]</u>						

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Sc2	g	h	PC
-----	---	---	----

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203  
B Series 314  
Sheet no 125  
Copied Bb 52:84  
ScV June 24, 1918  
B48377 C11

[[15 column table]]

| magn | Curve | | Sc2 | | | g | h | Curve | | magn | PC | Curve | |  
| Magn |  
|----|----|----|----|----|----|----|----|----|----|

| B | . | 1 | B | | 6.9 | tp | -0.09^[-0.10] | | ~~6.81~~  
| ~~6.80~~ | 8.4 | -1.59^[-1.68] | | ~~6.81~~  
| ~~6.72~~ |  
| 7.05 | 3.05 | 2 | 4.0 | 3.08 | | ~~7.08~~ | | ~~7.4~~ |  
| tp | -0.32^[-0.09] | | ~~7.08~~ | | ~~7.31~~ | 9.0 | -  
1.92^[-1.71]		~~7.08~~		~~7.29~~				
7.69	2.99	3	4.7		~~3.01~~		~~2.97~~	
~~7.67~~		~~7.7~~	tp	-0.03^[-0.07]				
~~7.67~~		~~7.63~~	9.1	-1.43^[-1.71]				
~~7.67~~		~~7.39~~						
7.88	2.98	4	4.9	3.01		~~7.91~~		~~8.0~~
tp	-0.09^[-0.06]		~~7.91~~		~~7.94~~	9.8?		
scr	-1.89^[-1.71]		~~7.91~~					
~~8.09~~		~~8.09~~						
8.38	2.98	5	5.4	2.90		~~8.30~~		~~8.1~~
tp	+0.20^[-0.05]		~~8.30~~		~~8.05~~			
  
| 8.38 | 2.98 | 6 | 5.4 | 3.06 | | ~~8.46~~ | | ~~8.5~~  
| 8.5 | 8.5 | -0.04^[-0.02] | | ~~8.46~~ | | ~~8.48~~ |  
  
| 8.68 | 2.98 | 7 | 5.7 | 3.13 | | ~~8.83~~ | | ~~9.0~~  
| 8.95 | 8.9 | -0.12^[-0.03] | | ~~8.83~~ | | ~~8.98~~ |  
  
| 9.08 | 2.98 | 8 | 6.1 | 2.93 | | ~~9.03~~ | | |  
  
9.27	2.97	10	6.3	3.		~~04~~		~~15~~	
~~9.45~~									
9.86	2.96	12	6.9	2.95		~~9.85~~			
  
| 10.16 | 2.96 | 14 | 7.1 | 7.2 | 7.3 | 2.77 | | ~~9.97~~  
| ~~9.97~~ | | | | | | | | | |  
| 10.68 | 2.98 | 15 | 7.7 | 2.70 | | ~~9.40~~ | | |  
  
| 10.79 | 2.99 | 16 | 7.8 | 2.90 | | ~~10.70~~ | | |  
| 10.89 | 2.99 | 17 | 7.9 | 3.12 | | ~~11.02~~ | | |  
  
| 11.52 | 3.02 | 20 | 8.5 | 2.89 | | ~~5~~ | | ~~5~~ |  
| ~~11.39~~ | | | | | | | | | |  
| 11.89 | 3.04 | 23 | 8.8 | 8.85 | 8.9 | 3.01 | | ~~11.86~~  
~~11.86~~									
12.27	3.07		~~8~~		~~24~~	9.2	3.20		
~~12.40~~									
12.61	3.11	25	9.5	3.07		~~12.57~~			
  
~~12.94~~									
~~12.90~~									

| 11.10 | 3.00 | 17a | 8.1 | ~~3.00~~ |  
~~11.10~~ | | | | | | | | |  
| 10.99 | 2.99 | 17b | 8.0 | ~~2.98~~ |  
~~10.98~~ | | | | | | | | |

12-

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204  
 B series 62 (1st half)  
 Copied Bk34:120  
 Scv June 25, 1918  
 10:45 B45722 42Ks 18 10-28.1 alt. corr +.06

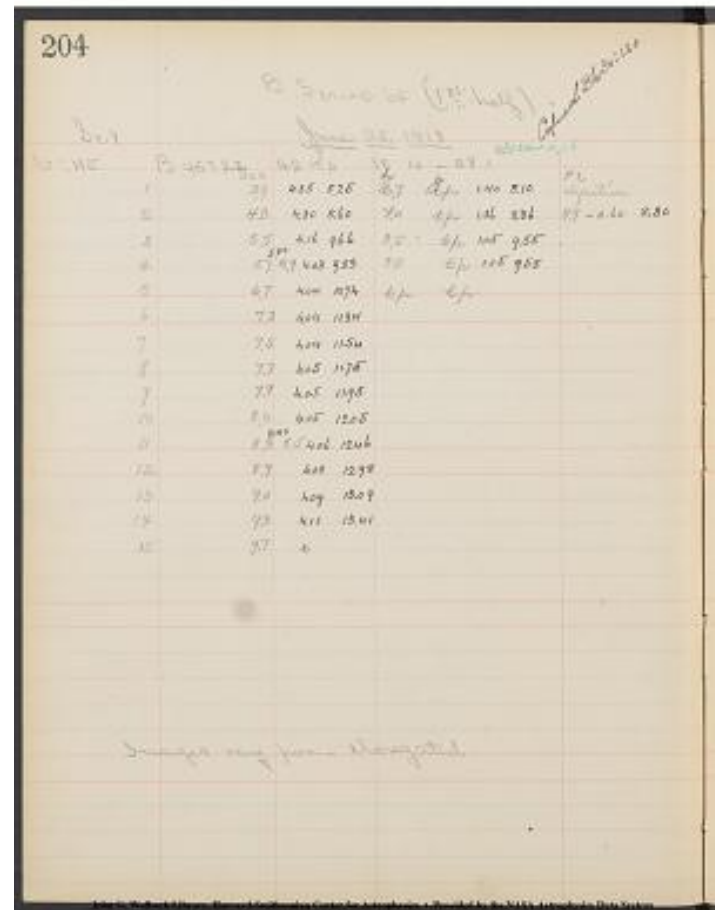
[[9 column table]]

| | Sc2 | | | h | g | | | PC |  
 |---|---|---|---|---|---|---|

1	3.9	4.35	8.25	6.7	tp	1.40	8.10	defective
2	4.3	4.30	8.60	7.0	tp	1.36	8.36	8.9-0.60 8.30
3	5.5	4.16	9.66	8.5	tp	1.05	9.55	
4	5.7	5.80	5.9	4.03	9.83	8.5	tp	1.05 9.55
5	6.7	4.04	10.76	tp	tp			
6	7.3	4.04	11.34					
7	7.5	4.04	11.54					
8	7.7	4.05	11.75					
9	7.9	4.05	11.95					
10	8.0	4.05	12.05					
11	8.3	8.40	8.5	4.06	12.46			
12	8.9	4.08	12.98					
13	9.0	4.09	13.09					
14	9.3	4.11	13.41					
15	9.7	e						

Images very poor- elongated

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205

B Series 62 Copied Bk 34:122

ScV June 25, 1918

B45723 44 Ks 18 33 - 12.8 alt corr +.07

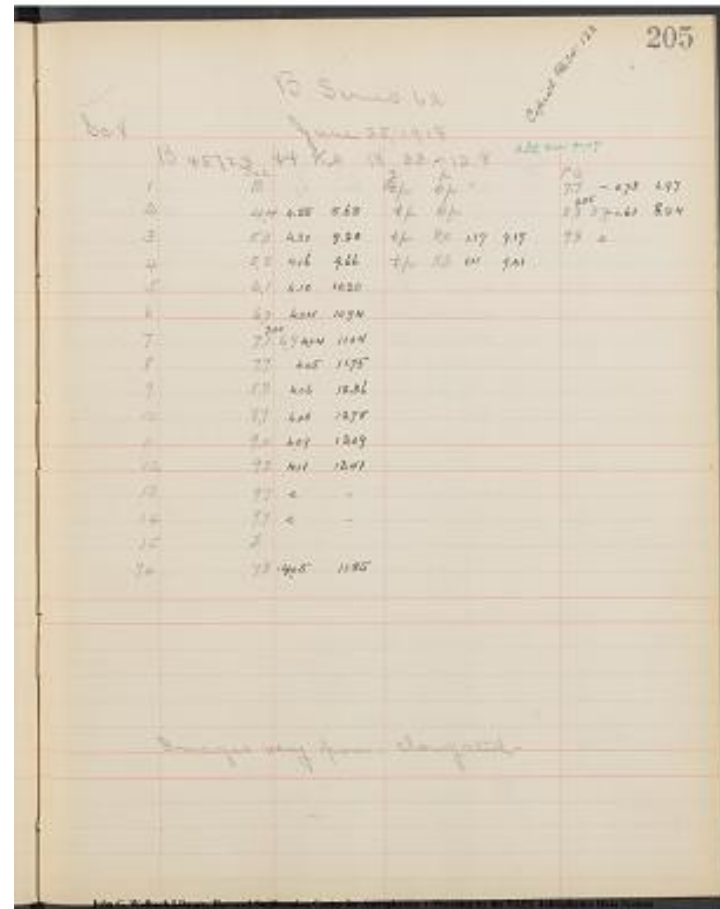
[[11 column table]]

Sc2		g	h		PC		
-----	--	---	---	--	----	--	--

1	B		tp	tp		7.7	-0.73	6.97				
2	4.4	4.28	8.68	tp	tp		8.8	8.85	8.9	-0.61	8.24	
3	5.0	4.20	9.20	tp	8.0	1.17	9.17	9.8	e			
4	5.5	4.16	9.66	tp	8.3	1.11	9.41					
5	6.1	4.10	10.20									
6	6.9	4.04	10.94									
7	7.1	7.00	6.9	4.04	11.04							
8	7.7	4.05	11.75									
9	8.3	4.06	12.36									
10	8.7	4.08	12.78									
11	9.0	4.09	12.09									
12	9.3	4.11	12.41									
13	9.7	e										
14	9.9	e										
15	F	4.10	10.20									
7a	7.8	4.05	11.85									

Images very poor. elongated.

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206  
 B Series 62  
 Copied Bk 34:123  
 ScV June 25, 1918  
 B45724 45 Ks 18 46 - 79 alt corr +.07

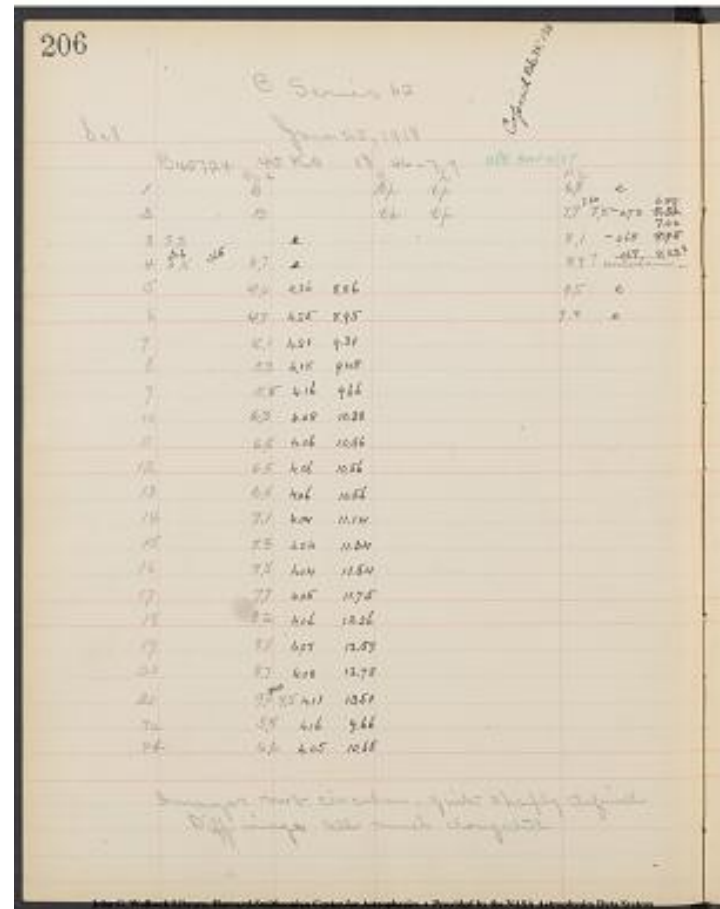
[[10 column table]]

| | | Sc2 | | g | h | PC | |  
 |---|---|---|---|---|---|---|

1		B		tp	tp	6.8 e	
2		B		tp	tp	7.7 7.60 7.50-0.72	<del>[[strikethrough]]</del>
3	3.3		e			8.1-0.68	<del>[[strikethrough]]</del> 8.78 <del>[[strikethrough]]</del>
4	3.5 <sup>^</sup> <del>[[3.5]]</del>	3.65	3.7	e		8.9?	uncertain_-0.67 8.23?
5		4.6	4.26	8.86		9.5 e	
6		4.7	4.25	8.95		9.8 e	
7		5.1	4.21	9.31			
8		5.3	4.18	9.48			
9		5.5	4.16	9.66			
10		6.3	4.08	10.38			
11		6.5	4.06	10.56			
12		6.5	4.06	10.56			
13		6.5	4.06	10.56			
14		7.1	4.04	11.14			
15		7.3	4.04	11.34			
16		7.5	4.04	11.54			
17		7.7	4.05	11.75			
18		8.2	4.06	12.26			
19		8.5	4.07	12.57			
20		8.7	4.08	12.78			
21		9.3	9.5 <sup>^</sup> <del>[[9.40]]</del>	14.11	13.51		
7a		5.5	4.16	9.66			
7b		6.6	4.05	10.65			

Images not circular. quite sharply defined.  
 Diff image all much elongated

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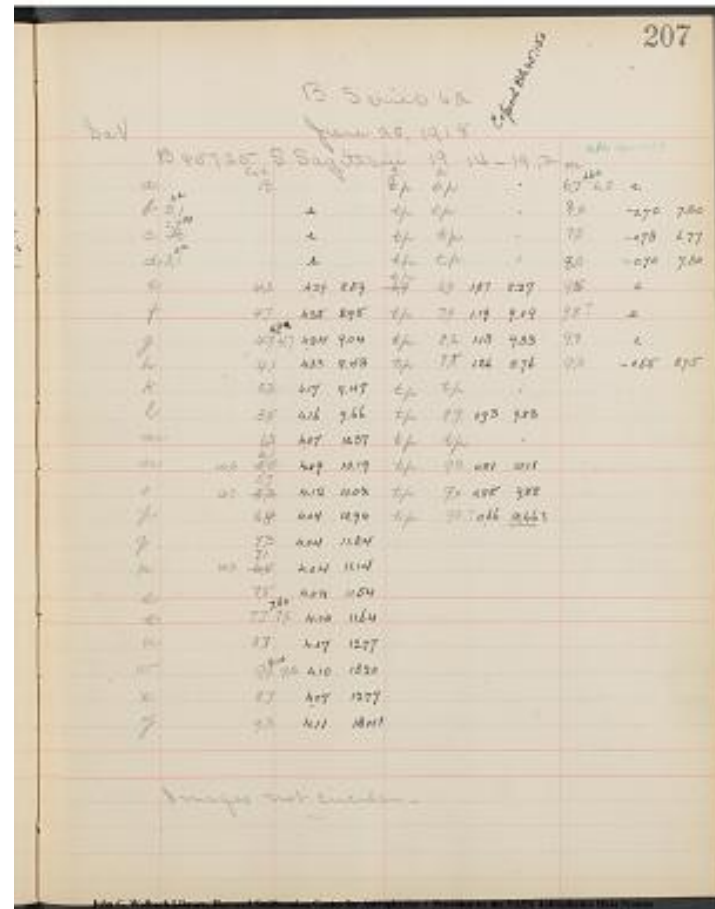
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 Transcribed and Reviewed by Digital Volunteers  
 Extracted Jan-24-2023 10:35:04

207  
 B Series 62  
 Copied Bk 45:150  
 Sc V June 25, 1918  
 B45725 S Sagittarii 19 14-19.2 alt. corr +.07

[[10 column table]]  

	Sc2	g	h	PC
a	B	tp	tp	6.7 6.60 6.5 e
b	3.2 3.1	e	tp	8.0 -0.70 7.30
c	<del>[[strikethrough]] B</del>	<del>[[/strikethrough]]</del>	2.9 3.0	e   tp   tp   .   7.5 -0.73 6.77
d	3.2 3.1	e	tp	8.0 -0.70 7.30
e	4.3   4.29   8.59	<del>[[strikethrough]]</del>	6.9	<del>[[/strikethrough]]</del> tp   6.9
f	4.7   4.25   8.95	tp	7.9   1.19   9.09   9.8? e	
g	4.9 4.7^	<del>[[4.80]]</del>	4.24   9.04   tp   8.2   1.13   9.33   9.8 e	
h	4.1   4.33   8.43	tp	7.5   1.26   8.76   9.3 -0.55 8.75	
k	5.3   4.17   9.47	tp	tp   .   .	
l	5.5   4.16   9.66	tp	8.9   0.93   9.83	
m	6.3   4.07   10.37	tp	tp   .   .	
n	w.s 6.1	<del>[[strikethrough]]</del>	5.5	<del>[[/strikethrough]]</del>   4.09   10.19   tp
o	9.3   0.81   10.11			
p	w.s 5.9	<del>[[strikethrough]]</del>	5.3	<del>[[/strikethrough]]</del>   4.12   10.02   tp
q	9.0   0.88   9.88			
r	6.4   4.04   10.94	tp	9.8?   0.66   <u>10.46?</u>	
s	<u>[[/underlined]]</u>			
t	7.3   4.04   11.34			
u	w.s 7.1	<del>[[strikethrough]]</del>	6.5	<del>[[/strikethrough]]</del>   4.04   11.14
v				
w	7.5   4.04   11.54			
x	7.7 7.60 7.5   4.04   11.64			
y	8.7   4.07   12.77			
z	9.0 9.2^	<del>[[9.10]]</del>	4.10   13.20	
aa	8.7   4.07   12.77			
ab	9.3   4.11   13.41			

Images not circular.



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208  
B Series 62  
ScV June 25, 1918  
B 45726 b10

[[ 5 column table ]]  
| number | Se2 | g | h | pc |  
1 | B | tp | 5.7 1.14 ~~6.84~~ | 7.7 7.6 7.5 -  
0.76 ~~6.84~~ |  
2 | B | tp | 8.1 -0.69 ~~7.41~~ |  
3 | B | tp | 6.2 1.14 ~~7.34~~ | 8.1 -0.76  
~~7.34~~ |  
4 | B | tp | 6.2 1.64 ~~7.84~~ | 8.3 -0.46  
~~7.84~~ |  
6 | 4.1 4.40 ~~8.50~~ | tp | tp | 9.1 -0.60  
~~8.50~~ |  
7 | 4.1 4.19 ~~8.29~~ | tp | 7.0 1.29  
~~8.29~~ | 9.0 -0.71 ~~8.29~~ |  
8 | 4.7 4.40 ~~9.10~~ | tp | 7.8 1.30  
~~9.10~~ | Close to br. object  
9 | 5.3 4.10 ~~9.40~~ | tp | tp | ---  
10 | 5.4 4.29 ~~9.69~~ | tp | 8.7 0.99  
~~9.69~~ | ---  
11 | 6.0 4.04 ~~10.04~~ | 9.3 9.3 | 9.3 0.74  
~~10.04~~ | ---  
12 | 6.5 3.99 ~~10.49~~ | 9.8 9.75 | 9.7 0.74  
~~10.49~~ | ---  
13 | 6.7 4.03 ~~10.73~~ | 7 | ~~10.73~~ |  
7 | ---  
15 | 7.0 4.17 ~~11.17~~ | --- | --- | ---  
16 | 7.4 4.12 ~~11.52~~ | --- | --- | ---  
17 | 7.9 4.00 ~~11.90~~ | --- | --- | ---  
18 | Close (?) | --- | --- | ---  
19 | 8.8 8.65 8.5 4.09 ~~12.74~~ | --- | --- |  
---  
20 | 8.9 3.97 ~~12.87~~ | --- | --- | ---  
21 | 9.3 4.18 ~~13.48~~ | --- | --- | ---  
22 | 7 ~~7~~ | --- | --- | ---  
24 | n.s ~~n.s~~ | --- | --- | ---  
11a | 6.5 ~~4.06 10.56~~ | --- | --- | ---  
22b | 9.3 ~~4.11 13.41~~ | --- | --- | ---  
22a | 8.3 ~~4.06 12.36~~ | --- | --- | ---

[[Right margin]] 1:15

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209  
 B Series 183  
 Sc V June 27, 1918  
 sheet no 126  
 Copied Bk 52:76 ~~8~~  
 10:45 B47052 C10

[[11 column table]]  
magn	curve		Sc2			g	h			PC

| B | . | 1 | B | | ~~B~~ | tp | tp | . | 7.9 -  
 1.06 ~~6.84~~ |  
 | B | . | 2 | B | | ~~B~~ | tp | tp | . | 8.3 -  
 0.89 ~~7.41~~ |  
 | B | . | 3 | B | | ~~B~~ | 6.7 | tp | +0.64 |  
~~7.34~~ |  
 | 8.06 | 4.26 | 4 | 3.8 | 4.04 | ~~7.84~~ | tp |  
 tp | | ~~8.9~~ -1.06 ~~7.84~~ |  
 | 8.13 | 4.13 | 6 | 3.9 | 4.60 | ~~8.50~~ | 8.7 |  
 tp | -0.20 | ~~8.50~~ | scr |  
 | 8.13 | 4.23 | 7 | 4.0 3.9 | 4.39 ~~0~~ |  
~~8.19~~ | 8.5 | tp | -0.21 | ~~8.29~~ |  
 8.29 ~~8.29~~ | 9.8 -1.51 8.29 |  
 | 8.90 | 4.00 | 8 | 4.9 | 4.20 | ~~9.10~~ | 9.0 |  
 tp | +0.10 | ~~8.90~~ |  
9.30	3.70	9	5.5 5.6 5.7	3.80	~~9.40~~	
9.61	3.61	10	6.0	3.69	~~9.69~~	

[[11 column table]]  
 | magn | curve | | Sc2 | | | Des. | Diff Curve | Diff Magn. | PC Curve | PC  
 Magn |  
 |-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|  
 | 10.16 | 3.46 | 11 | 6.7 | 3.34 | ~~10.04~~ | 1 |  
 . | q | -1.06 | ~~8.9~~ ~~6.84~~ |  
10.78	3.38	11a	7.5 7.40 7.3	~~3.69~~	
10.70	3.	~~38~~ ~~40~~	12	7.3	3.19
10.49	2	.	q	-1.14	7.16
11.06	3.36	15	7.7	3.47	~~11.17~~
q	-1.24	7.66			
11.34	3.34	16	8.0	3.52	~~11.52~~
11.82	3.32	17	8.5	3.40	~~11.90~~
+0.04	8.74	.	q		
12.68	3.28	18	Too near gr.		7
22a	~~19~~	9.5 9.40 9.3			
3.28	.				
13.68	8	0.00	9.00	.	
13.10	13.25	20	9.8 9.85 9.9	3.20	
12.87					
+	21	F		F.	



		~~22~~					
		~~24~~					
		~~25~~					
		19 n.s	.				

chW  
Images poor. not circular

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210  
 B Series 183  
 ScV June 27, 1918  
 Copied Bk35:72  
 B 47053 Carte 19 0-16.5 alt. corr. + 07

[[9 columned table]]

Sc2	g	h		pc				
1 4.7 4.04	8.74	8.1	tp	+0.16	8.26	Im.	Sup	
2 5.3 3.90	9.20	8.7	tp	+0.05	8.75			
3 5.9 3.75	9.65	9.1	9.10	9.1	-0.01	9.09		
4 6.5 3.63	10.13	9.7	tp	e	e			
5 7.1 3.53	10.63							
6 7.3 3.51	10.81							
7 7.6 3.47	11.07							
8 8.5 3.37	11.87							
9 8.7 8.60	8.5	3.36	11.96					
10 8.1 3.41	11.51							
11 8.6 3.36	11.96							
12 9.0 3.32	12.32							
13 9.5 3.28	12.78							
14 9.7 3.26	<u>12.96</u>	<u>12.96</u>	<u>12.96</u>	<u>12.96</u>	<u>12.96</u>	<u>12.96</u>	<u>12.96</u>	
15 F								

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210

B Series 183  
 June 27, 1918  
 Copied Bk35:72

Sc2	g	h		pc				
1 4.7 4.04	8.74	8.1	tp	+0.16	8.26	Im.	Sup	
2 5.3 3.90	9.20	8.7	tp	+0.05	8.75			
3 5.9 3.75	9.65	9.1	9.10	9.1	-0.01	9.09		
4 6.5 3.63	10.13	9.7	tp	e	e			
5 7.1 3.53	10.63							
6 7.3 3.51	10.81							
7 7.6 3.47	11.07							
8 8.5 3.37	11.87							
9 8.7 8.60	8.5	3.36	11.96					
10 8.1 3.41	11.51							
11 8.6 3.36	11.96							
12 9.0 3.32	12.32							
13 9.5 3.28	12.78							
14 9.7 3.26	<u>12.96</u>	<u>12.96</u>	<u>12.96</u>	<u>12.96</u>	<u>12.96</u>	<u>12.96</u>	<u>12.96</u>	
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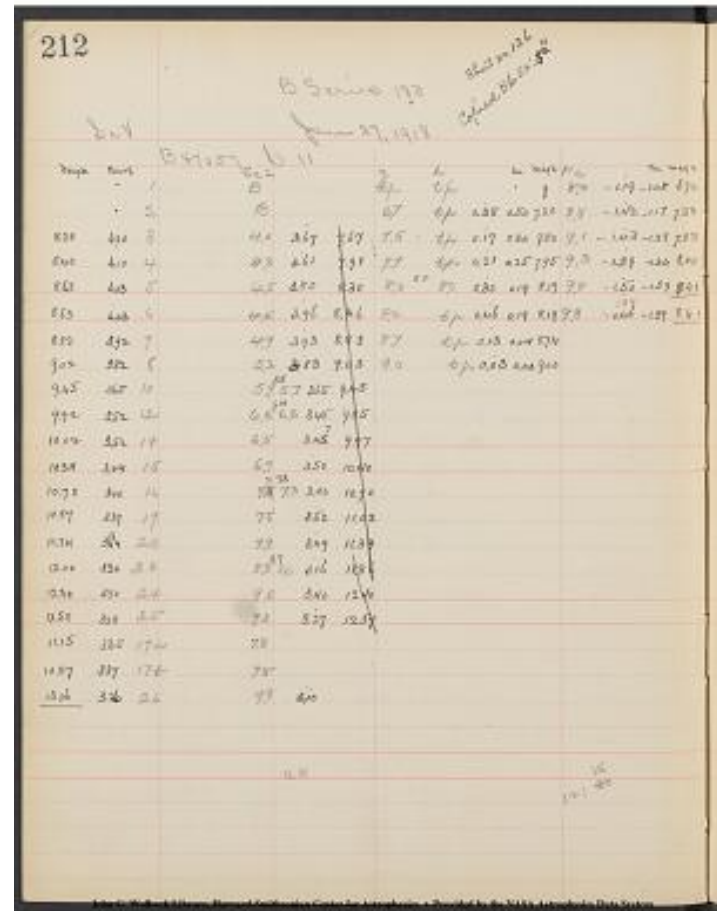
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magn	curve	Sc2	g	h	Cu.	magn	PC	Cu.	magn
1	B	tp	tp	q	8.0	-1.18	-1.08	6.92	
2	B	6.7	tp	0.38	0.50	7.20	8.5	-1.42	-1.17   7.33
8.20	4.20	3	4.0	3.67	<del>[[skethrough]]</del> 7.67	<del>[[skethrough]]</del> 7.5			7.5
tp	0.17	0.30	7.80	9.1	-1.43	-1.27	7.83		
8.40	4.10	4	4.3	3.61	<del>[[skethrough]]</del> 7.91	<del>[[skethrough]]</del> 7.7			7.7
tp	0.21	0.25	7.95	9.3	-1.39	-1.30	8.00		
8.53	4.03	5	4.5	3.80	<del>[[skethrough]]</del> 8.30	<del>[[skethrough]]</del> 8.0			8.0
8.0	8.0	0.30	0.19	8.19	9.8	-1.50	-1.39	<u>8.41</u>	
8.41	<u>8.41</u>								
8.53	4.03	6	4.5	3.96	<del>[[skethrough]]</del> 8.46	<del>[[skethrough]]</del> 8.0			8.0
tp	0.46	0.19	8.19	9.8	<del>[[skethrough]]</del> -1.46	<del>[[skethrough]]</del> -1.34			-1.34
1.39	<u>1.39</u>	<u>8.41</u>							
8.82	3.92	7	4.9	3.93	<del>[[skethrough]]</del> 8.83	<del>[[skethrough]]</del> 8.7	tp		
0.13	0.04	8.74							
9.02	3.82	8	5.2	3.83	<del>[[skethrough]]</del> 9.03	<del>[[skethrough]]</del> 9.0	tp		
0.03	0.00	9.00							
9.45	3.65	10	5.9	5.8	5.7	3.65	<del>[[skethrough]]</del> 9.45	<del>[[skethrough]]</del> 9.45	
9.92	3.52	12	6.5	6.4	6.3	3.45	<del>[[skethrough]]</del> 9.85	<del>[[skethrough]]</del> 9.85	
10.02	3.52	14	6.5	3.4	<del>[[skethrough]]</del> 5	<del>[[skethrough]]</del> 7			
<del>[[skethrough]]</del> 9.87	<del>[[skethrough]]</del> 9.87								
10.34	3.44	15	6.9	3.50	<del>[[skethrough]]</del> 10.40	<del>[[skethrough]]</del> 10.40			
10.70	3.40	16	7	<del>[[skethrough]]</del> 5	<del>[[skethrough]]</del> 3	<sup>^</sup> 7.3			
7.3	3.40	<del>[[skethrough]]</del> 10.70	<del>[[skethrough]]</del> 10.70						
10.87	3.37	17	7.5	3.52	<del>[[skethrough]]</del> 11.02	<del>[[skethrough]]</del> 11.02			
11.24	3	<del>[[skethrough]]</del> 4	<del>[[skethrough]]</del> 34	20					
7.9	3.49	<del>[[skethrough]]</del> 11.39	<del>[[skethrough]]</del> 11.39						
12.00	3.30	23	8.8	<sup>^</sup> 8.7	8.6	3.16	<del>[[skethrough]]</del> 11.86	<del>[[skethrough]]</del> 11.86	
12.30	3.30	24	9.0	3.40	<del>[[skethrough]]</del> 12.40	<del>[[skethrough]]</del> 12.40			
12.58	3.28	25	9.3	3.27	<del>[[skethrough]]</del> 12.57	<del>[[skethrough]]</del> 12.57			
11.15	3.37	17a	7.8						
10.87	3.37	17b	7.5						
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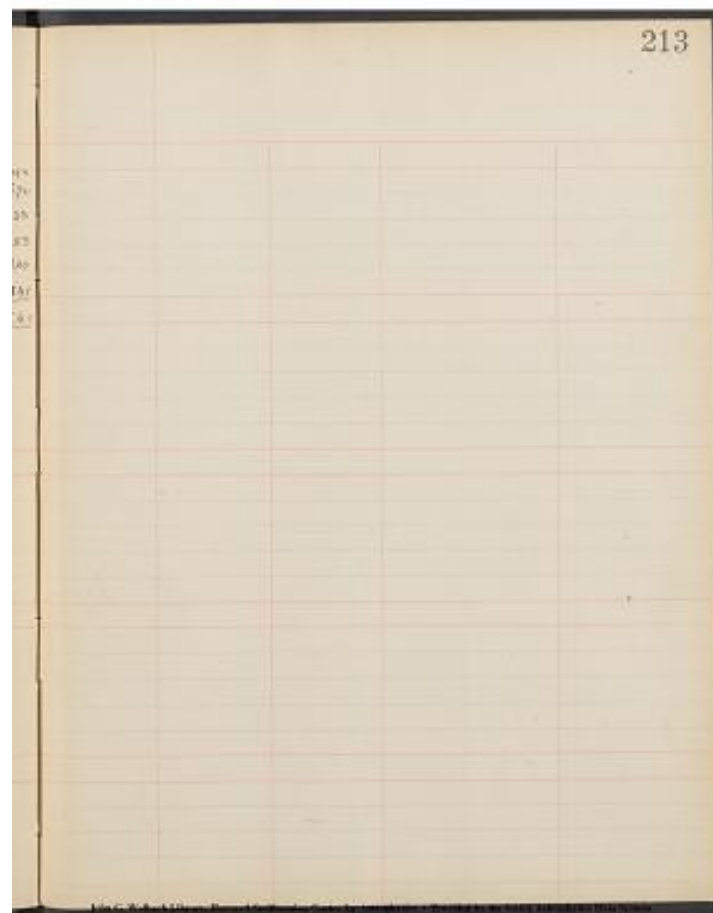
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214

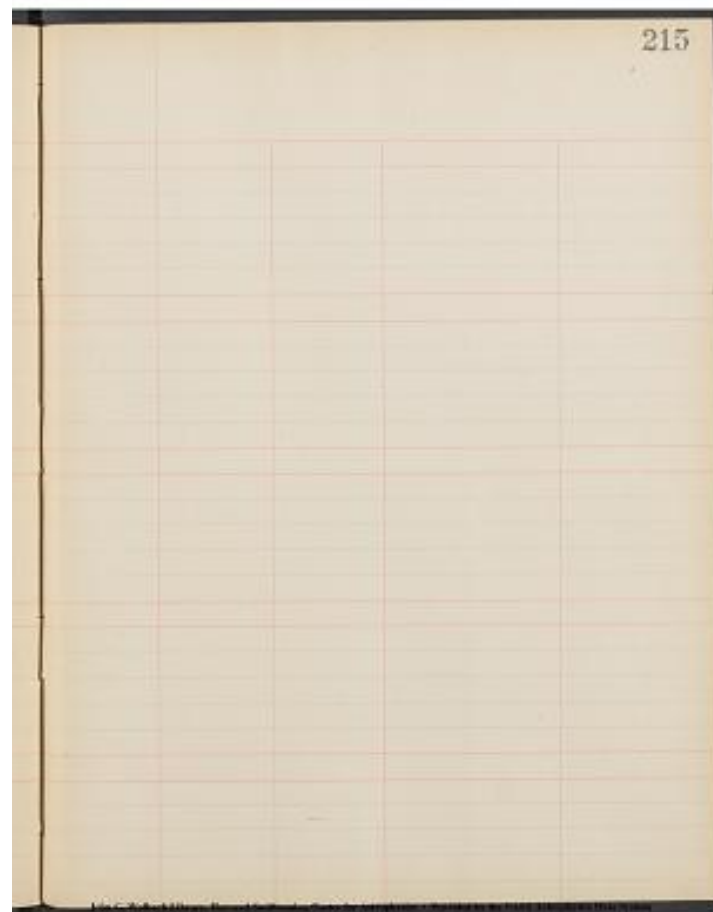
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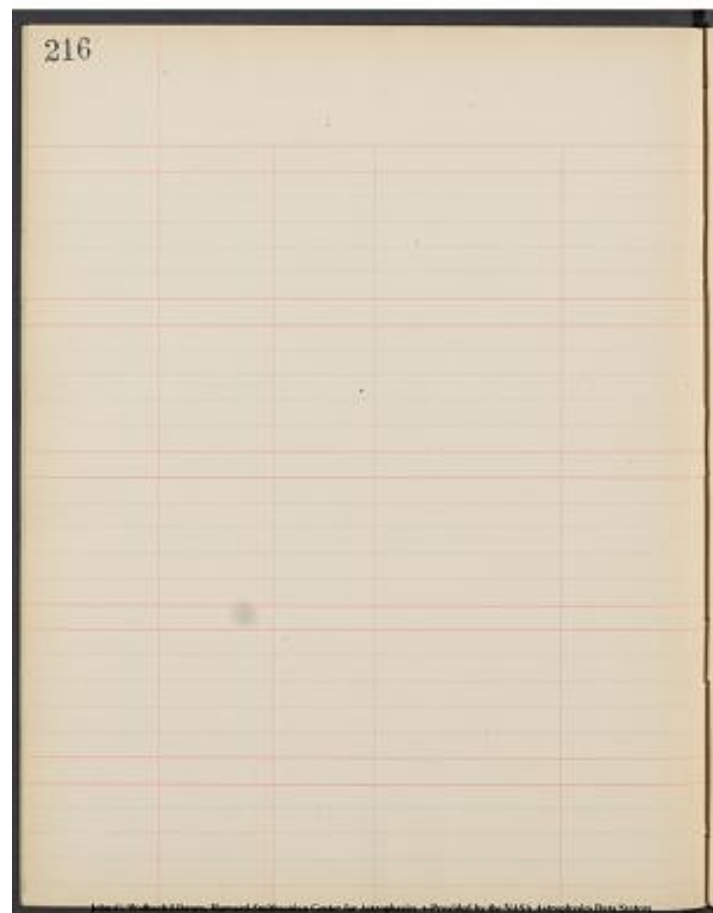
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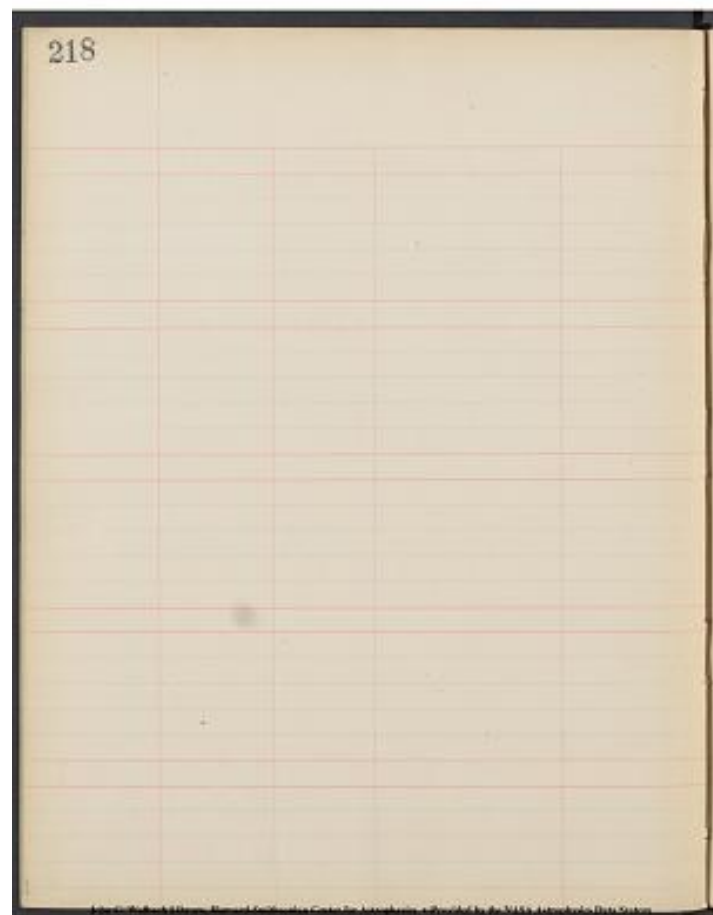
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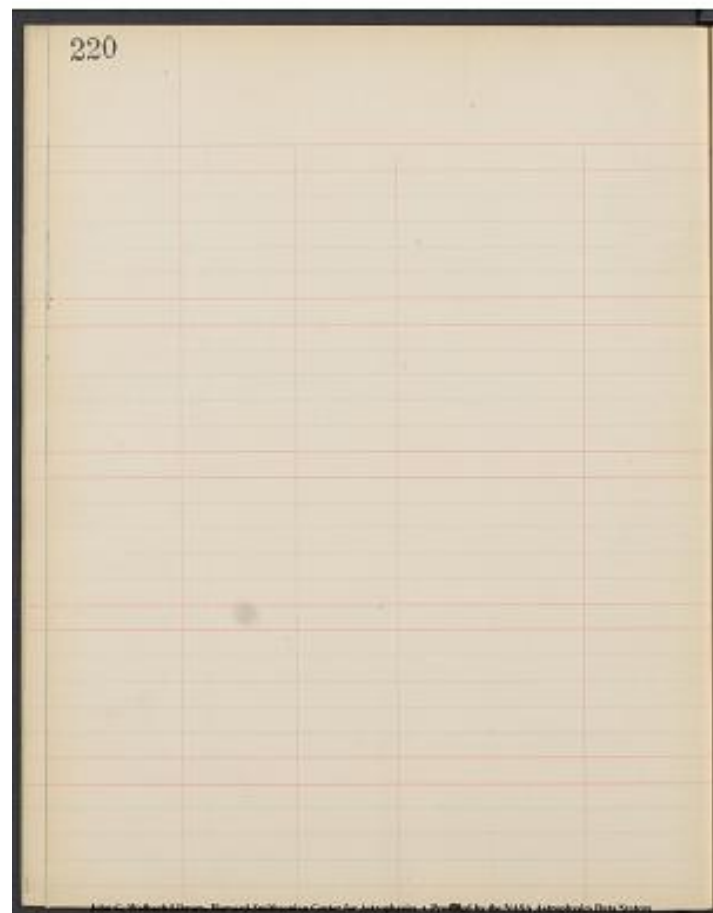
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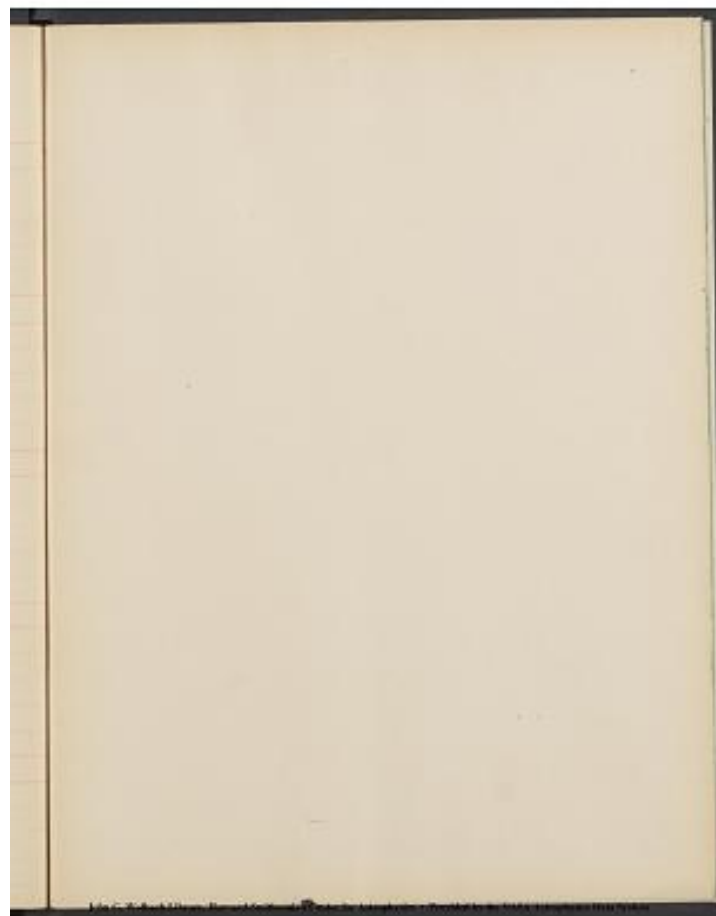
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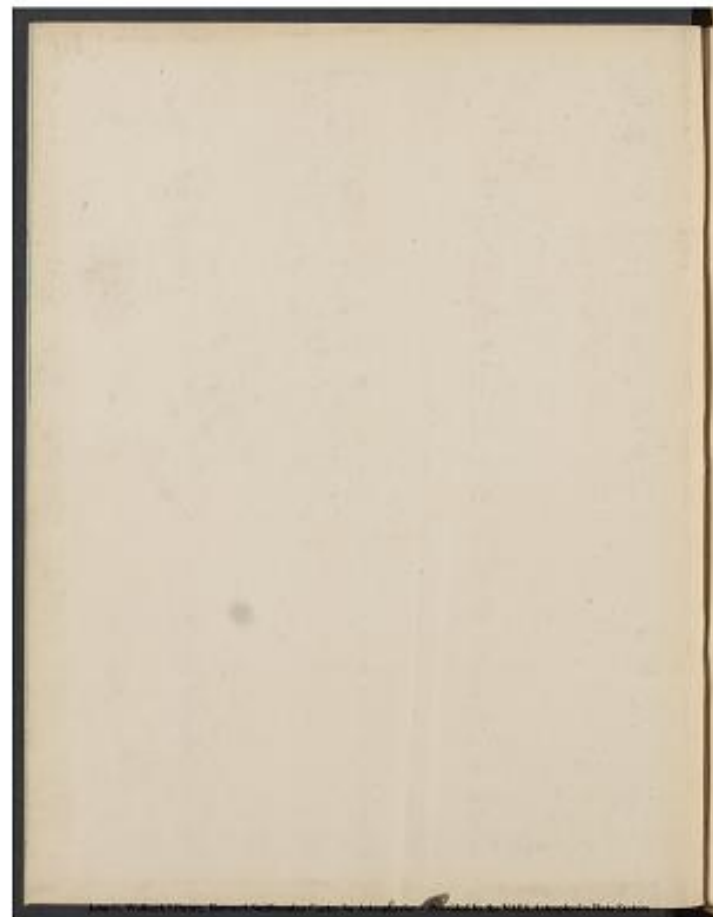
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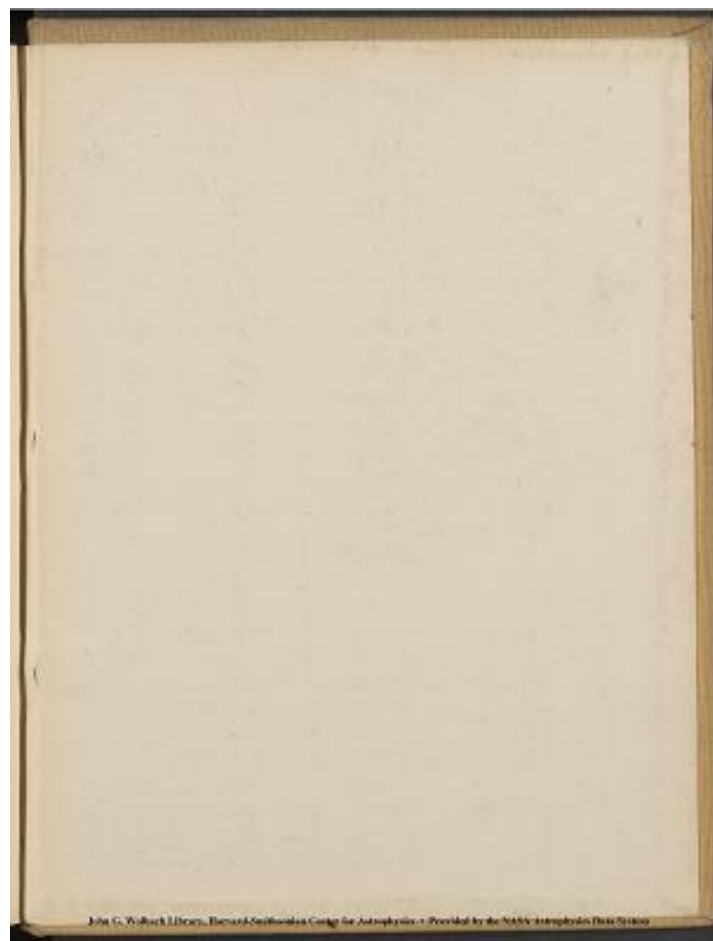
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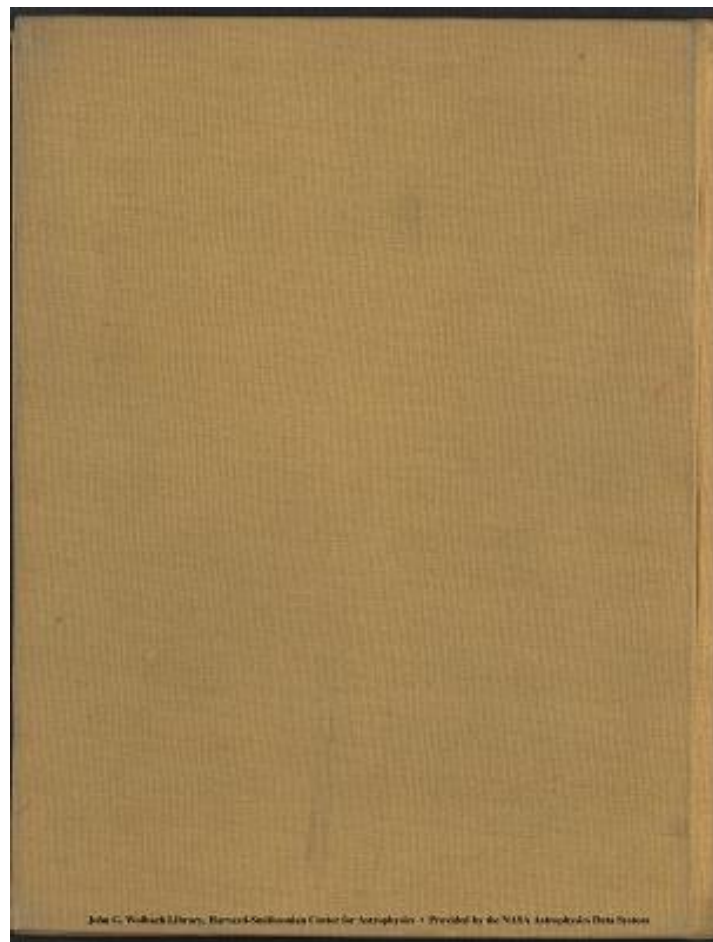
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## Smithsonian Institution

*Harvard-Smithsonian Center for Astrophysics*

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