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## **Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum Plates #33**

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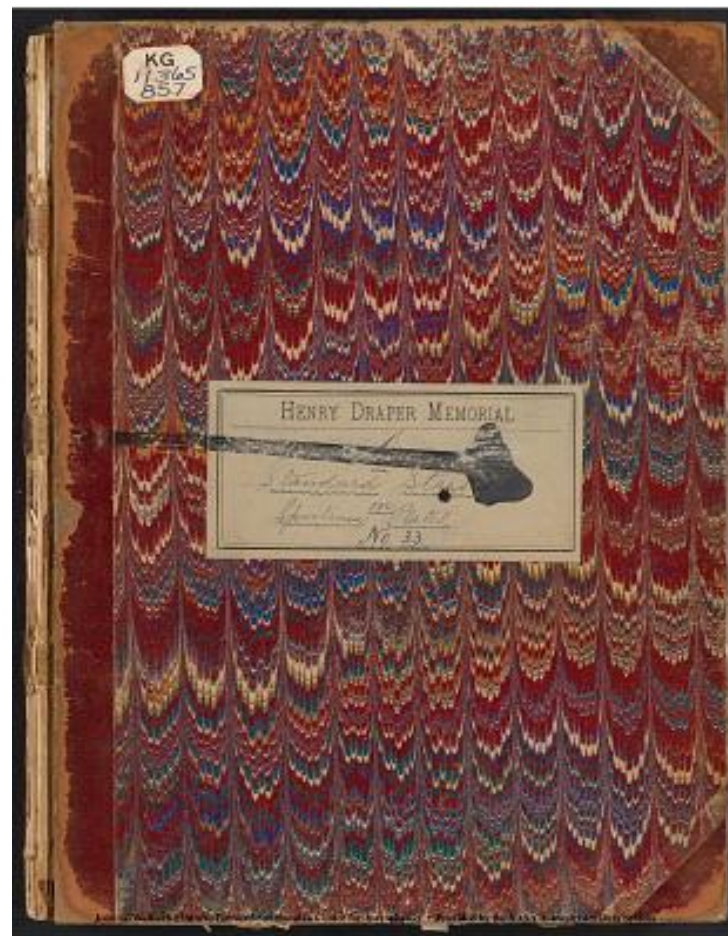
[[cover page]]

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Henry Draper Memorial

[[?]]

Standard Stars  
Spectrum on Plates  
No. 33



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Plates #33  
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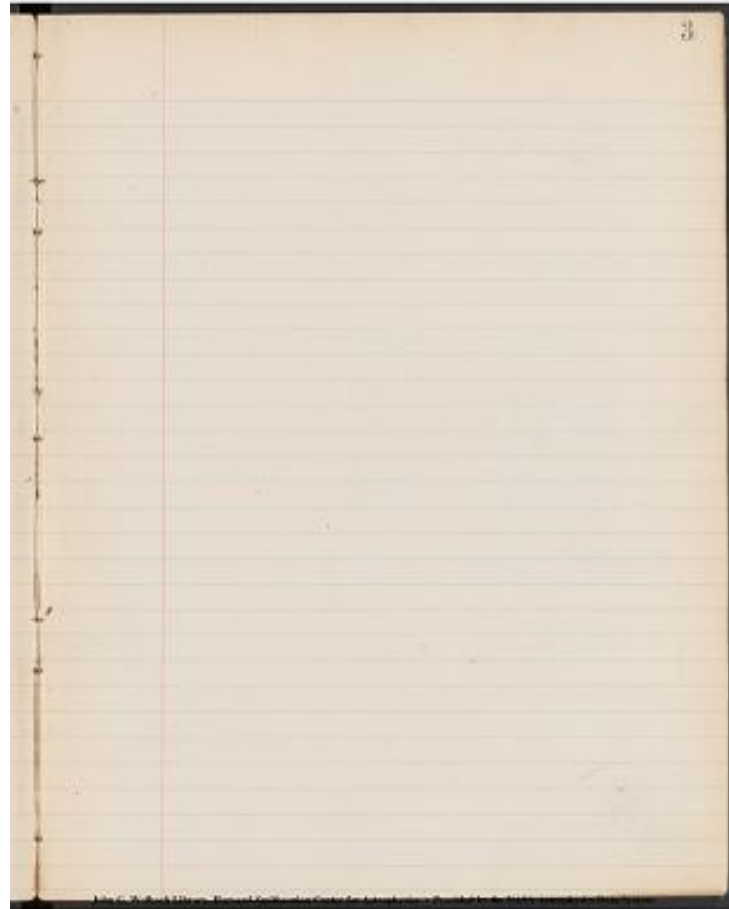
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Book 1

1st Cycle G. Plates

Plate 548. G

[[8 columned table]]

No.	H.P.	Dec.	Mag.	Obs. Br.	Cor delta.	Obs. Br. + Cor.
2373	+2 8	4.4	5.7			
2351	+12 116	6.1	6.7			

2373	+2 8	4.4	5.7			
2351	+12 116	6.1	6.7			

Plate 563. G.

[[9 columned table]]

3	2373	+2 8	4.4	<u>5.4</u>	-1	5.3	9	5
3	2393	-17 38	5.5	<u>6.2</u>	-2	6.0	5	1
3	2388	2 58	5.0	5.5	-1	5.4	4	0
3	2366	-24 23	5.1	5.9	-3	5.6	5	1
3	2408	-12 49	4.6	5.3	-2	5.1	5	1
3	2401	-2 38	6.1	6.3	-1	6.2	1	<u>3</u>
3	2372	+9 29	5.9	6.2	-0	6.2	3	<u>1</u>
3	2364	+1 38	6.0	<u>6.4</u>	-1	<u>6.3</u>	<u>3</u>	<u>1</u>
				<u>35</u>	<u>8-5</u>			
				9				
				Mean = 4				

4 Book 1 1st Cycle G. Plates

Plate 548. G

No. H.P. Dec. Mag. Obs. Br. Cor delta. Obs. Br. + Cor.

2373 +2 8 4.4 5.7

2351 +12 116 6.1 6.7

Plate 563. G.

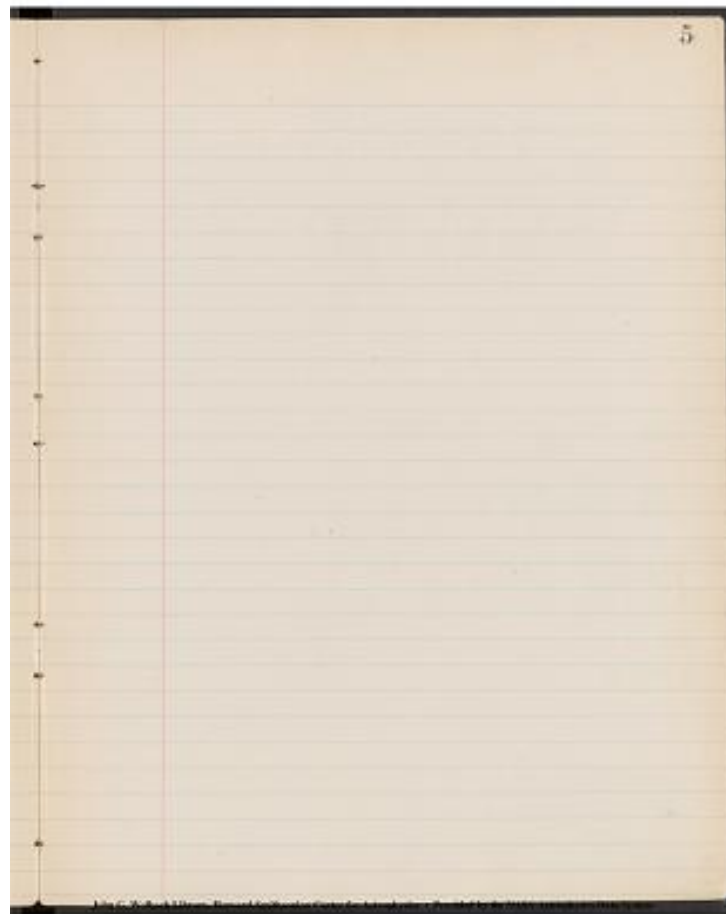
3	2373	+2 8	4.4	5.4	-1	5.3	9	5
3	2393	-17 38	5.5	6.2	-2	6.0	5	1
3	2388	2 58	5.0	5.5	-1	5.4	4	0
3	2366	-24 23	5.1	5.9	-3	5.6	5	1
3	2408	-12 49	4.6	5.3	-2	5.1	5	1
3	2401	-2 38	6.1	6.3	-1	6.2	1	3
3	2372	+9 29	5.9	6.2	-0	6.2	3	1
3	2364	+1 38	6.0	6.4	-1	6.3	3	1
				35	8-5			
				9				
				Mean = 4				

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Book 1

Plate 570. G.

[[9 columned table]]

| No. | H.P. Dec. | Mag. | Obs. Br. | Cor delta. | Obs. Br. & Cor. delta. |  
Diff. | Resid. |

|3|2408|-1249|4.6|3.9|-2|5.7|11|3|

|3|2401|-238|6.1|6.8|-1|6.7|6|2|

|3|2420|+90|5.0|5.7|0|5.7|7|1|

|3|2393|-1738|5.5|6.2|-2|6.0|5|3|

|3|2388|+258|5.0|5.8|-1|5.7|7|1|

|3|2452|+1415|3.8|4.9|-0|4.9|11|3|

|2453|

|3|2423|+622|5.0|6.0|-1|5.9|9|1|

-----  
56 7-7

7

mean = 8

Plate off.g.

|3|2331|-1920|4.9|5.3|-2|5.1|2|7|

|3|2539|-836|2.7|4.2|-1|4.1|14|3|

|3|2506|-83|4.9|6.1|-1|4.1|11|2|

|3|2522|-1547|5.4|6.7|-2|6.5|11|2|

|3|2480|-1533|3.0|4.1|-2|3.9|9|0|

|3|2474|-1339|5.7|6.4|-2|6.2|5|4|

-----  
52 9-11

6

mean = 9

6

Book 1

Plate 570 G

No.	H.P.	Dec.	Mag.	Obs. Br.	Cor. delta.	Obs. Br. & Cor. delta.	Diff.	Resid.
2408	-1249	4.6	3.9	-2	5.7	11	3	
2401	-238	6.1	6.8	-1	6.7	6	2	
2420	+90	5.0	5.7	0	5.7	7	1	
2393	-1738	5.5	6.2	-2	6.0	5	3	
2388	+258	5.0	5.8	-1	5.7	7	1	
2452	+1415	3.8	4.9	-0	4.9	11	3	
2453								
2423	+622	5.0	6.0	-1	5.9	9	1	
-----								
56 7-7								
7								
mean = 8								

Plate off.g.

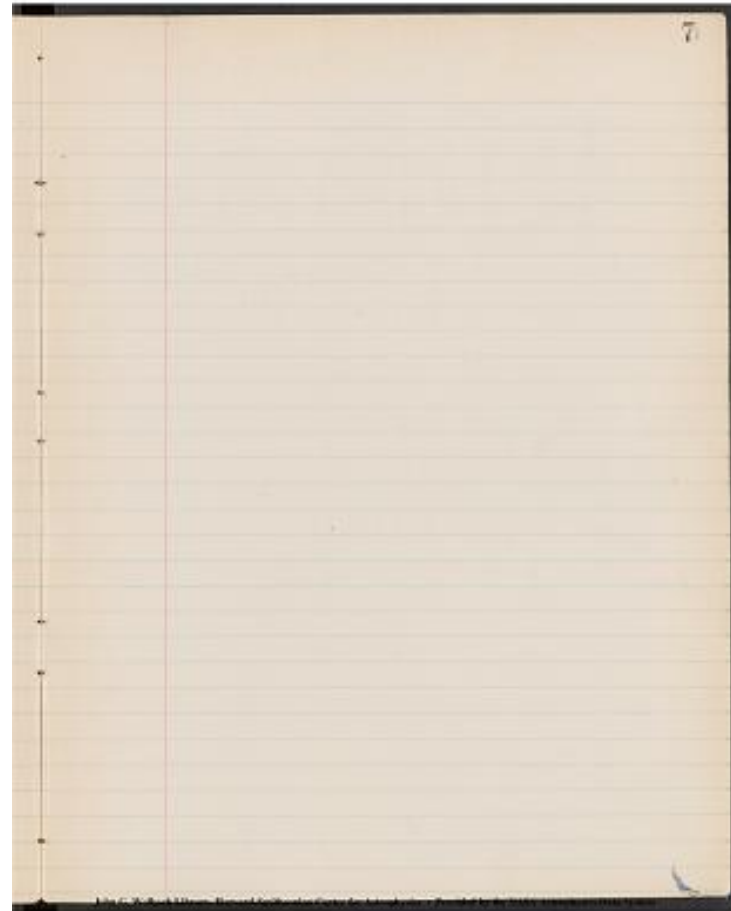
2331	-1920	4.9	5.3	-2	5.1	2	7	
2539	-836	2.7	4.2	-1	4.1	14	3	
2506	-83	4.9	6.1	-1	4.1	11	2	
2522	-1547	5.4	6.7	-2	6.5	11	2	
2480	-1533	3.0	4.1	-2	3.9	9	0	
2474	-1339	5.7	6.4	-2	6.2	5	4	
-----								
52 9-11								
6								
mean = 9								

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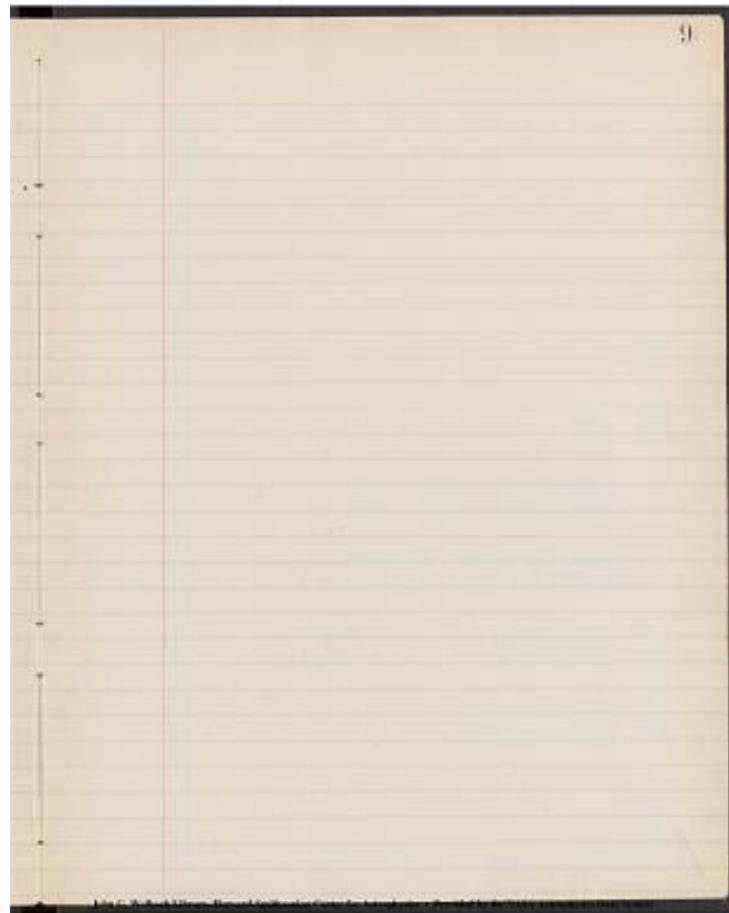
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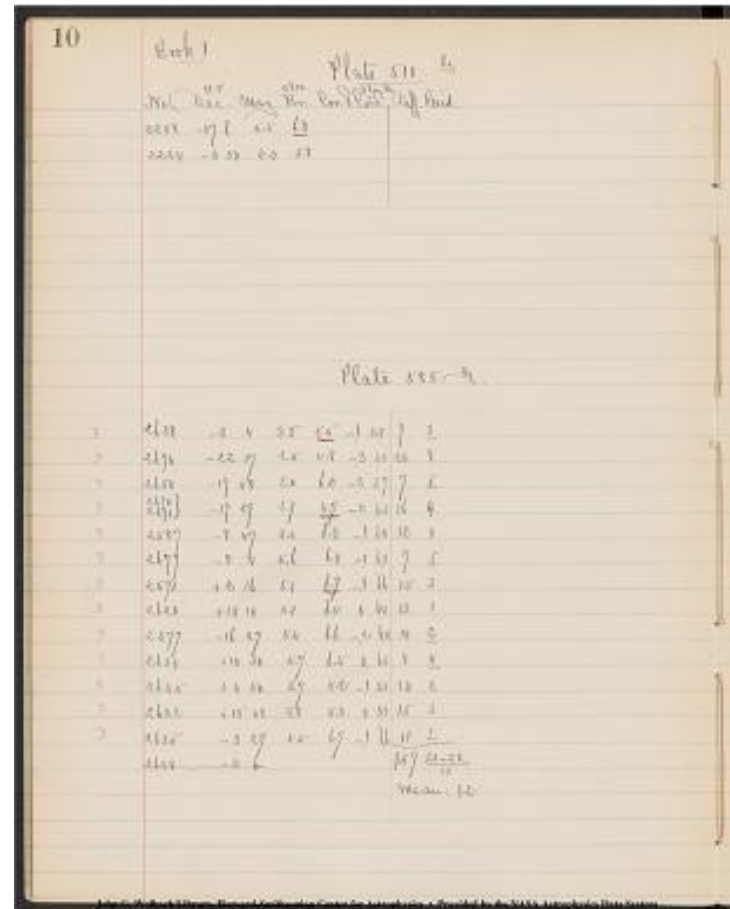
Book 1

Plate 510. G.

[[9 columned table]]  
 | No. | H.P. | Dec. | Mag. | Obs. Br. | Cor delta. | Obs. Br. + Cor.  
 delta. | Diff. | Resid. |  
 |-----|-----|-----|-----|-----|-----|-----|  
 | 2238 | -17 6 | 5.5 | 6.8 | | | | |  
 | 2224 | -4 54 | 4.4 | 5.8 | | | | |

Plate 585. G.

[[9 columned table]]  
 3|2638|-3 4|3.5|5.5|-  
 1|5.4|9|3||  
 3|2674|-22 17|2.5|4.8|-3|45|20|8|  
 3|2650|-19 48|5.0|6.0|-3|5.7|5||  
 3|2690|2691|-19 29|2.9|4.7|-2|4.5|16|4|  
 3|2587|-8 47|5.0|6.3|-1|62|12|0|  
 3|2677|-8 4|5.6|6.4|-1|63|7|5||  
 3|2571|+2 16|5.1|6.7|-1|66|15|3|  
 3|2620|+13 14|5.1|6.4|0|64|13|1|  
 3|2577|-16 27|5.4|6.6|-2|64|10|2||  
 3|2634|+14 30|5.7|6.5|0|65|8|4||  
 3|2645|+11 50|3.7|5.2|-1|5.1|14|2|  
 3|2632|+15 48|3.8|5.3|0|53|15|3|  
 3|2635|-3 27|5.5|6.7|-  
 1|16|11||1||1||1||  
 |~~2638~~|-3 4|~~3.5~~||  
 157|21-20||  
 13  
 Mean = 12

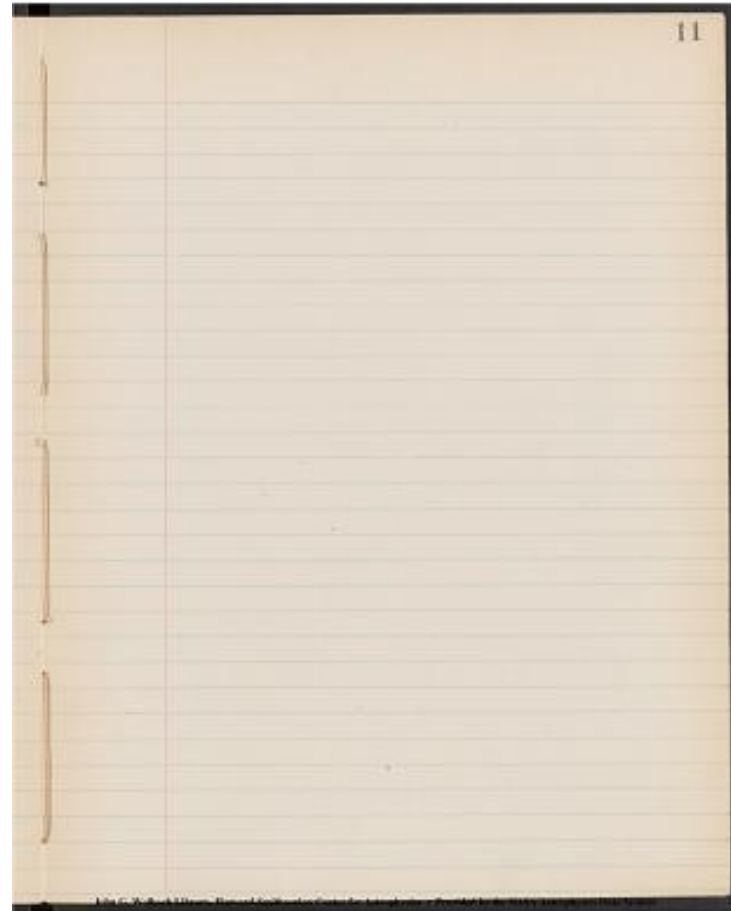


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Book 1

Plate 615. G

[[9 columned table]]

| No. | H.P. | Dec. | Mag. | Obs. Br. | Cor delta. | Obs. Br. + Cor.  
delta. | Diff. | Resid. |

| 3 | 2783 | -27 58 | 2.9 | 5.5 | 5.5 | -

4 | 5.1 | 22 | 9 | 9 |

| 3 | 2773 | +2 15 | 4.0 | 5.9 | 5.9 | -

1 | 5.8 | 18 | 5 | 5 |

| 3 | 2817 | +5 28 | 5.5 | 6.3 | -

1 | 6.2 | 7 | 6 | 6 |

| 3 | 2778 | +5 46 | 5.5 | 6.5 | -

1 | 6.4 | 9 | 4 | 4 |

| 3 | 2835 | -22 57 | 5.6 | 6.6 | -

3 | 6.3 | 7 | 6 | 6 |

| 3 | 2788 | -10 19 | 2.8 | 4.5 | 4.3 | 15 | 2 |

| 3 | 2832 | +10

22 | 4.4 | 5.8 | 5.8 | 14 | 1 |

92 | 17 | 16 |

7

Mean = 13

Plate 607. G.

| 3 | 2899 | -24 53 | 3.4 | 5.3 | -3 | 5.0 | 16 | 3 |

| 3 | 2832 | +10 22 | 4.4 | 5.7 | 0 | 5.7 | 13 | 0 |

| 3 | 2825 | +1 25 | 5.5 | 6.8 | -1 | 6.7 | 12 | 1 | 1 |

| 3 | 2859 | +12 54 | 4.9 | 6.1 | 0 | 6.1 | 12 | 1 | 1 |

53 | 3 | 2 |

4

Mean = 13

14 Book 1 Plate 615 G									
No.	H.P.	Dec.	Mag.	Obs. Br.	Cor. delta.	Obs. Br. + Cor. delta.	Diff.	Resid.	
3	2783	-27 58	2.9	5.5	5.5	-			
4	5.1	22	9	9					
3	2773	+2 15	4.0	5.9	5.9	-			
1	5.8	18	5	5					
3	2817	+5 28	5.5	6.3	-				
1	6.2	7	6	6					
3	2778	+5 46	5.5	6.5	-				
1	6.4	9	4	4					
3	2835	-22 57	5.6	6.6	-				
3	6.3	7	6	6					
3	2788	-10 19	2.8	4.5	4.3	15	2		
3	2832	+10							
22	4.4	5.8	5.8	14	1				
92	17	16							
7									
Mean = 13									
Plate 607 G.									
3	2899	-24 53	3.4	5.3	-3	5.0	16	3	
3	2832	+10 22	4.4	5.7	0	5.7	13	0	
3	2825	+1 25	5.5	6.8	-1	6.7	12	1	1
3	2859	+12 54	4.9	6.1	0	6.1	12	1	1
53	3	2							
4									
Mean = 13									

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Book 1

Plate 614. G.

[[9 columned table]]

| No. | H.P. Dec. | Mag. | Obs. Br. | Cor delta. | Obs. Br. + Cor.  
delta. | Diff. | Resid. |

| 3023 | +1 18 | 4.4 | 6.5 |

| 6.4 | 20 | 1 |

| 2944 | +12 39 | 2.2 | 4.7 | -0 | 4.7 | 25 | 4 |

| 2979 | +2 45 | 3.8 | 5.7 | -1 | 5.6 | 18 | 3 |

| 63 |

21

Plate 616. G.

[[9 columned table]]

| 3 | 2868 | -15 34 | 2.6 | 4.8 | -2 | 4.6 | 20 | 1 |

| 3 | 2947 | -15 19 | 3.7 | 6.2 | -2 | 6.0 | 23 | 4 |

| 3 | 2899 | -24 53 | 3.4 | 5.4 | -3 | 5.1 | 17 | 2 |

| 3 | 2909 | -24 4 | 4.5 | 6.6 | -3 | 6.3 | 18 | 1 |

| 3 | 2897 | -12 43 | 4.4 | 6.2 | -2 | 6.0 | 16 | 3 |

| 3 | 2895 | -20 59 | 4.5 | 6.8 | -3 | 6.5 | 20 | 1 |

| 114 | 6-6 |

6

Mean = 19

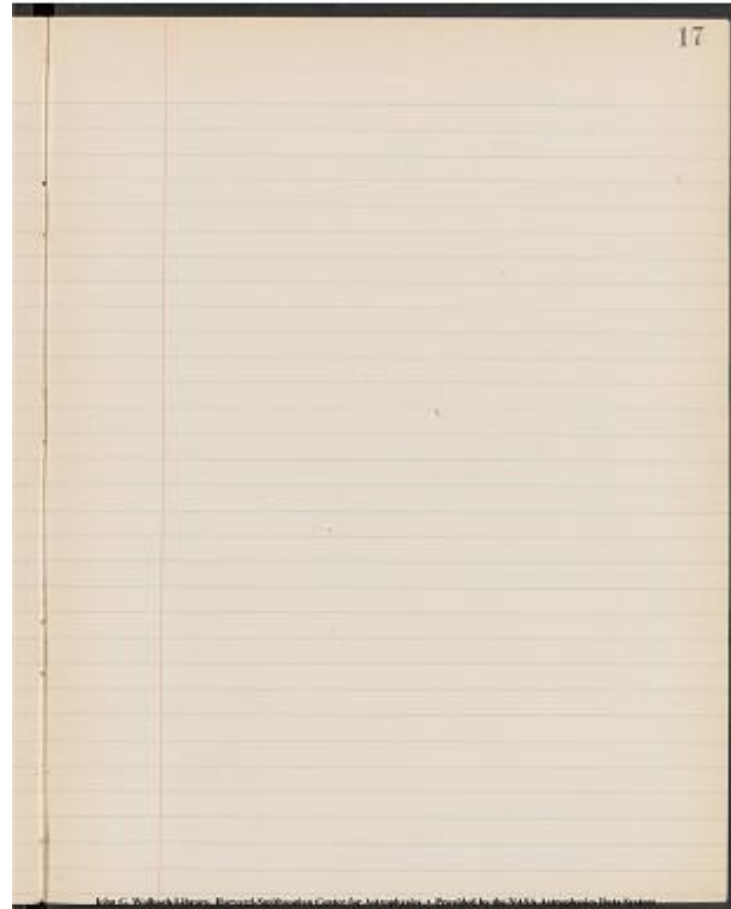
16									
Book 1									
Plate 614. G.									
No.	H.P.	Dec.	Mag.	Obs. Br.	Cor. delta.	Obs. Br. + Cor. delta.	Diff.	Resid.	
3023	+1 18	4.4	<u>6.5</u>						
2944	+12 39	2.2	4.7	-0	4.7	25	4		
2979	+2 45	3.8	5.7	-1	5.6	<u>18</u>	3		
							<u>63</u>		
							21		
Plate 616. G.									
3	2868	-15 34	2.6	4.8	-2	4.6	20	1	
3	2947	-15 19	3.7	6.2	-2	6.0	23	4	
3	2899	-24 53	3.4	5.4	-3	5.1	<u>17</u>	<u>2</u>	
3	2909	-24 4	4.5	6.6	-3	6.3	<u>18</u>	<u>1</u>	
3	2897	-12 43	4.4	6.2	-2	6.0	<u>16</u>	<u>3</u>	
3	2895	-20 59	4.5	6.8	-3	6.5	<u>20</u>	<u>1</u>	
							<u>114</u>	<u>6-6</u>	
							Mean = 19		

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17

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18

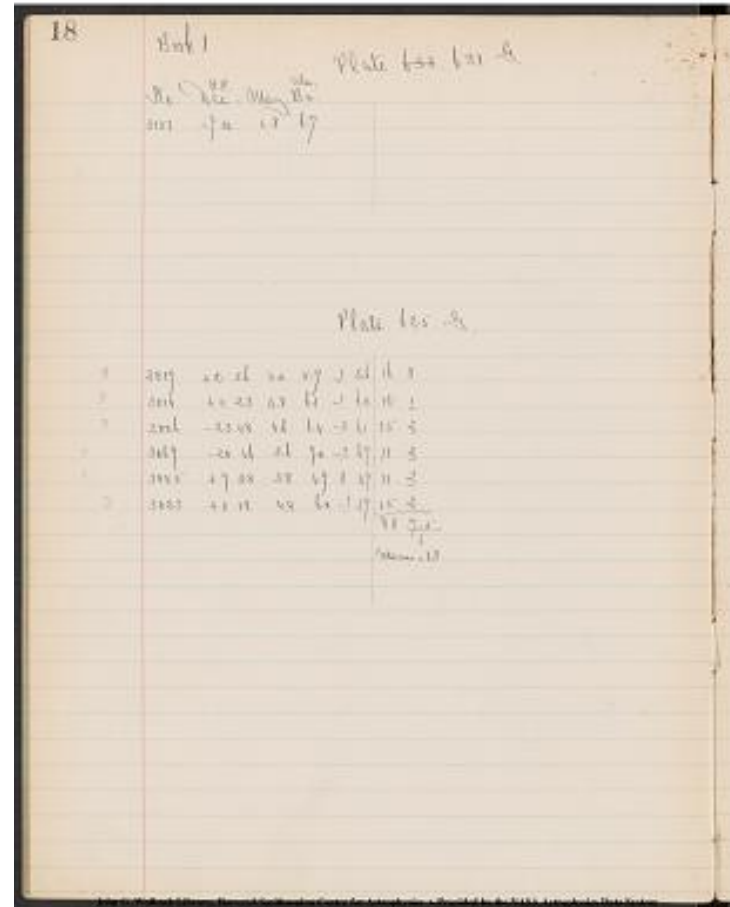
Book 1

Plate ~~633~~ 631 G.

[[4 columned table]]  
No.	H.P.	Dec.	Mag.	Obs. Br.
 3151 | -9 10 | 4.8 | 6.7 |

Plate 625 G.

[[9 columned table]]  
 3 | 3017 | +2 56 | 4.0 | 5.7 | -1 | 5.6 | 16 | 3 |  
 3 | 3014 | +4 23 | 4.8 | 6.1 | -1 | 6.0 | 12 | 1 |  
 3 | 3006 | -23 48 | 4.6 | 6.4 | -3 | 6.1 | 15 | 2 |  
 4 | 3069 | -20 46 | 5.6 | 7.0 | -3 | 6.7 | 11 | 2 |  
 4 | 3045 | +9 33 | 3.8 | 4.0 | 0 | 4.9 | 11 | 2 |  
 3 | 3023 | +1 18 | 4.4 | 6.0 | -1 | 5.9 | 15 | 2 |  
					80	7-5
					6	
					Mean = 13	

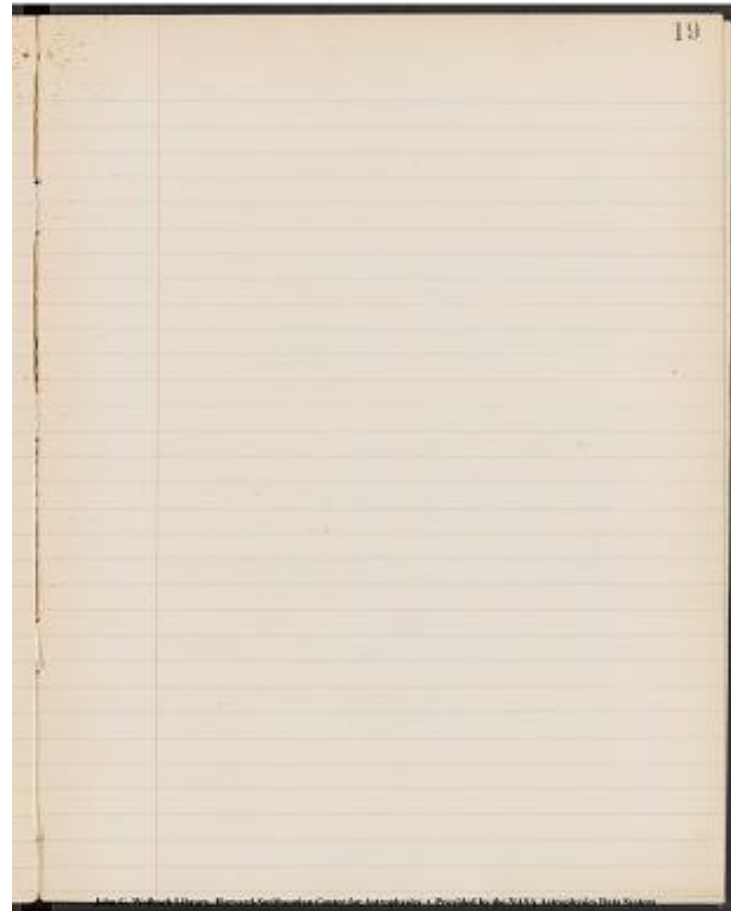


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19

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## Book 1

## Plate 701 G.

[[9 columned table]]

|No.|H.P. Dec.|Mag.|Obs. Br.|Cor delta.|Obs. Br. + Cor.  
delta.|Diff.|Resid.|

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

4|3263|-.19|29|5.5|6.5|-2|6.3|8 |[[strikethrough]] 0 [[/strikethrough]]2

4|3264|+10 |53|5.1|5.8|0 |5.8|7 | [[strikethrough]] 1 [[/strikethrough]]3

4|3277|-8 |8 |5.3|6.4|-1|6.3|10 |[[strikethrough]] 2 [[/strikethrough]]0

4|3284|+2 |5 |5.2|6.0|0 |6.0|8 | [[strikethrough]] 0 [[/strikethrough]]2

4|3222|+2 |23|7.2|6.5|0 |6.5|(7)|[[strikethrough]] 15 [[/strikethrough]](17)|

4|3259|+13 |41|3.1|4.4|0 |4.4|13 |[[strikethrough]] 5 [[/strikethrough]]3

4|3260|-5 |4 |3.6|4.7|-1|4.6|10 |[[strikethrough]] 2 [[/strikethrough]]0

4|3274|+5 |53|5.3|6.7|-1|6.6|13 |[[strikethrough]] 5 [[/strikethrough]]3

4|3247|-3 |52|5.5|6.7|-1 |6.6|11 |[[strikethrough]] 3 [[/strikethrough]]1

|---|---|---|---|---|80 |7-7

|---|---|---|---|---|[[strikethrough]]-7 [[/strikethrough]]8

|---|---|---|---|---|73 |-----|

|---|---|---|---|---|Mean= [[Strikethrough]]8 [[/Strikethrough]]10

## Plate 689. G

4|3158|+1 |56|5.1|[[Underline]] 6.7 [[/Underline]]|-1 |66| 15| 2|

4|3157|-27 | 7|3.3|5.1|-4|4.7|14|1|

4|3199|-26 |27|2.3|4.1|-4|3.7|14|1|

4|3215|

|3216|+4 |3 |4.1|5.8|-1|5.7|16|3|

4|3260|-5 |4 |3.6|[[Underline]]5.6 [[/Underline]]|-1|5.5|19|6|

4|3162|+5 |22|5.7|6.6|-1|6.5|8 |[[Underline]]5 [[/Underline]]

4|3165|-1 |5 |5.8|6.8|-1|6.7|9 |[[Underline]]4 [[/Underline]]

4|3143|-0 |25|5.8|6.9|-1|6.8|10|[[Underline]]3 [[/Underline]]

4|3158|+1 |56|5.1|[[Underline]]6.6 [[/Underline]]|-1|6.5|14|1|

|---|---|---|---|---|11|9|14-12|

|---|---|---|---|---|9|

20

Book 1

Plate 701 G.

No.	H.P.	Dec.	Mag.	Obs. Br.	Cor. delta.	Obs. Br. + Cor. delta.	Diff.	Resid.
3263	-.19	29	5.5	6.5	-2	6.3	8	0
3264	+10	53	5.1	5.8	0	5.8	7	1
3277	-8	8	5.3	6.4	-1	6.3	10	2
3284	+2	5	5.2	6.0	0	6.0	8	0
3222	+2	23	7.2	6.5	0	6.5	(7)	15
3259	+13	41	3.1	4.4	0	4.4	13	5
3260	-5	4	3.6	4.7	-1	4.6	10	2
3274	+5	53	5.3	6.7	-1	6.6	13	5
3247	-3	52	5.5	6.7	-1	6.6	11	3
80 7-7								
[[strikethrough]]-7 [[/strikethrough]]8								
73								
Mean= [[Strikethrough]]8 [[/Strikethrough]]10								

Plate 689 G.

3158	+1	56	5.1	6.7	-1	66	15	2
3157	-27	7	3.3	5.1	-4	4.7	14	1
3199	-26	27	2.3	4.1	-4	3.7	14	1
3215								
3216	+4	3	4.1	5.8	-1	5.7	16	3
3260	-5	4	3.6	5.6	-1	5.5	19	6
3162	+5	22	5.7	6.6	-1	6.5	8	5
3165	-1	5	5.8	6.8	-1	6.7	9	4
3143	-0	25	5.8	6.9	-1	6.8	10	3
3158	+1	56	5.1	6.6	-1	6.5	14	1
11 9 14-12								
9								

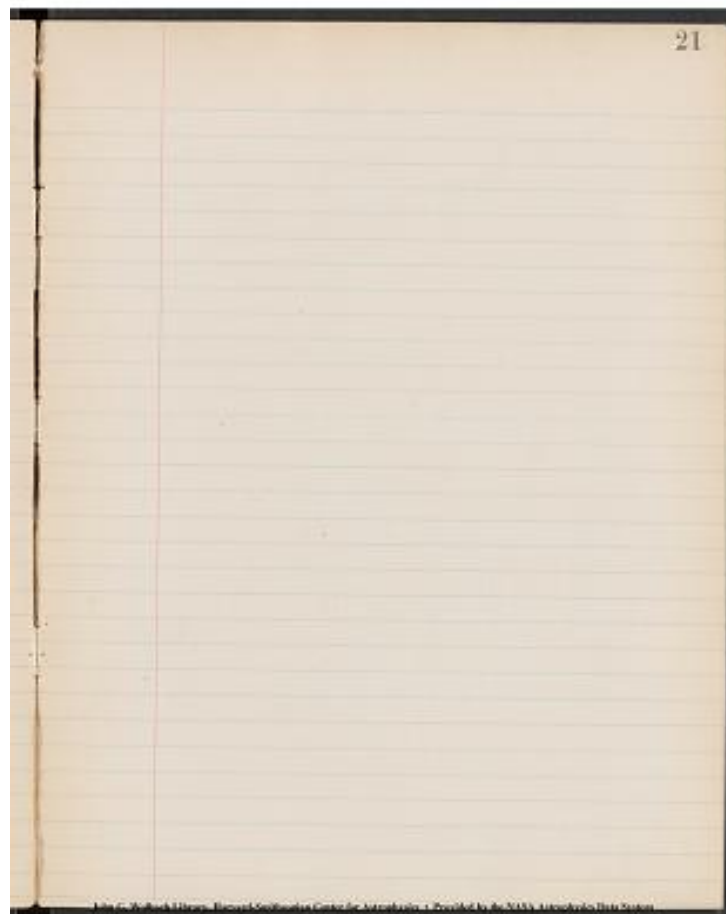
|---|---|---|---|---|Mean+13

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22  
Book 1  
Plate 683. G

No. Dec <sup>^</sup>[[H.P.]]. Mag. Br. [[Obs.]] Cor. S. Cor. S. <sup>^</sup>[[Club. Br]]. Diff.  
Resid.

u 3381 | -133 | 4.3 | 6.0 | -1 | 5.9 | 16 | 2  
u 3445 | +03 | 5.6 | 6.8 | -1 | 6.7 | 11 | 3[[underlined]]  
u 3453 | +11 6 | 5.4 | 6.5 | 0 | 6.5 | 11 | 3[[underlined]]  
u 3462 | +16 29 | 5.3 | 6.9 [[underlined]] | 0 | 6.9 | 16 | 2  
3-4 | 4-6  
4  
mean = 14

Plate 678. G.

u 3552 | -13 | 9 | 4.7 | 6.5[[underlined]] | -2 | 6/3 | 16 | [[\strikethrough]] 6  
[[\strikethrough]] | 5

u 3514 | -1 11 | 3.4 | 5.0 | -1 | 4.9 | 15 | [[\strikethrough]] 5 [[\strikethrough]]  
| 4

u 3584 | +10 30 | 5.9 | 6.8 | 0 | 6.8 | 9 | [[\strikethrough]] 1  
[[\strikethrough]] | 2[[underlined]]

u 3607 | +10 58 | 5.3 | 6.6 | 0 | 6.6 | 13 | [[\strikethrough]] 3  
[[\strikethrough]] | 2

u 3592 | +10 54 | 4.1 | 5.1 | 0 | 5.1 | 10 | [[\strikethrough]] 0  
[[\strikethrough]] | 1[[underlined]]

u 3577 | -18 59 | 5.6 | 6.4 | -2 | 6.2 | 6 | [[\strikethrough]] 4 [[\strikethrough]]  
| 5[[underlined]]

u 3574 | -18 36 | 5.2 | 6.2 | -2 | 6.0 | 8 | [[\strikethrough]] 2  
[[\strikethrough]] | 3[[underlined]]

u 3597 | +12 38 | 5.2 | 6.3 | 0 | 6.3 | 11 | [[\strikethrough]] 1  
[[\strikethrough]] | 0

u 3600 | +14 16 | 4.7 | 6.0 | 0 | 6.0 | 13 | [[\strikethrough]] 3  
[[\strikethrough]] | 2

u 3523 | +14 50 | 5.1 | 6.1 | 0 | 6.1 | 10 | [[\strikethrough]] 0  
[[\strikethrough]] | 1[[underlined]]

u 3622 | +15 26 | 5.9 | 5.6 | 0 | 5.6 | (3)[[underlined]] | [[\strikethrough]] 13  
[[underlined]][[\strikethrough]] | (14)[[underlined]]

u 3576 | -3 45 | 6.2 | 6.9 | -1 | 6.8 | 6 | [[\strikethrough]] 4 [[\strikethrough]]  
| 5

117 | [[\strikethrough]] 18-24 [[\strikethrough]] | 13-17

~~-3~~

~~114~~ | ~~12~~  
~~11~~

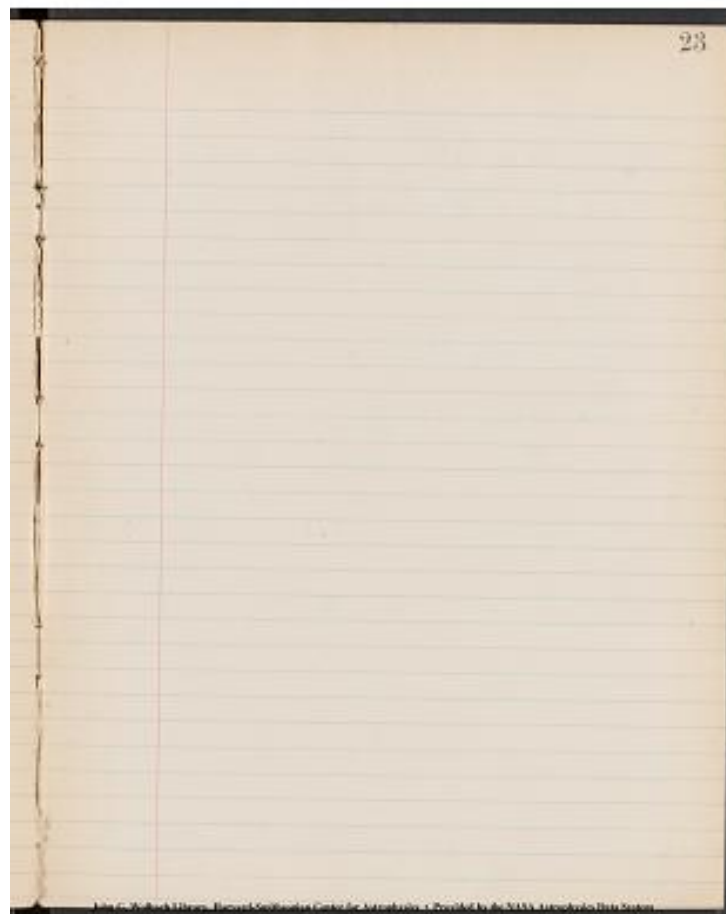
mean = ~~10~~ ~~11~~

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23

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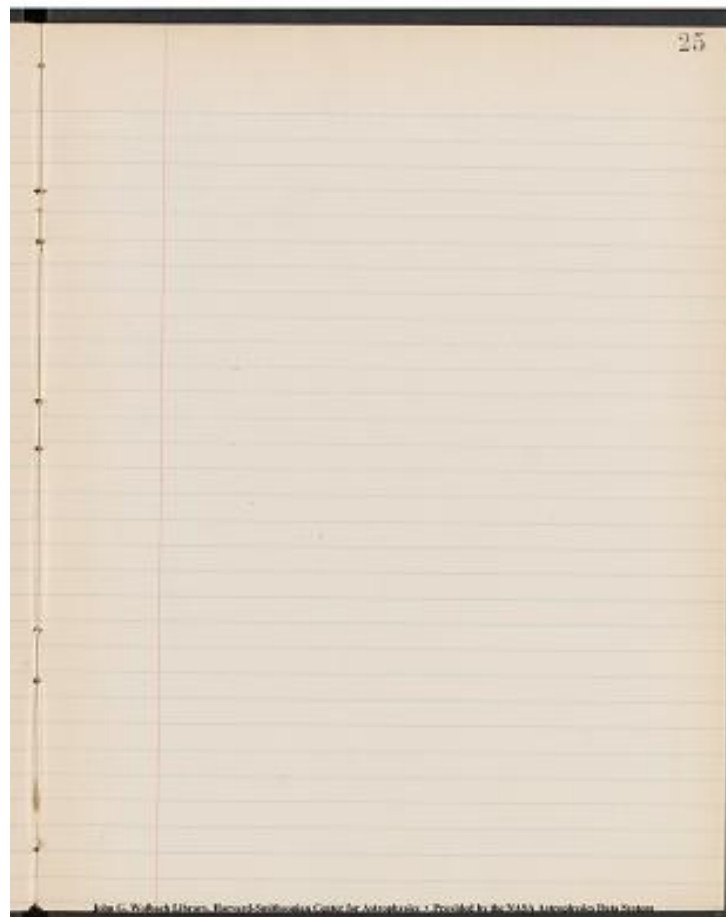


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25

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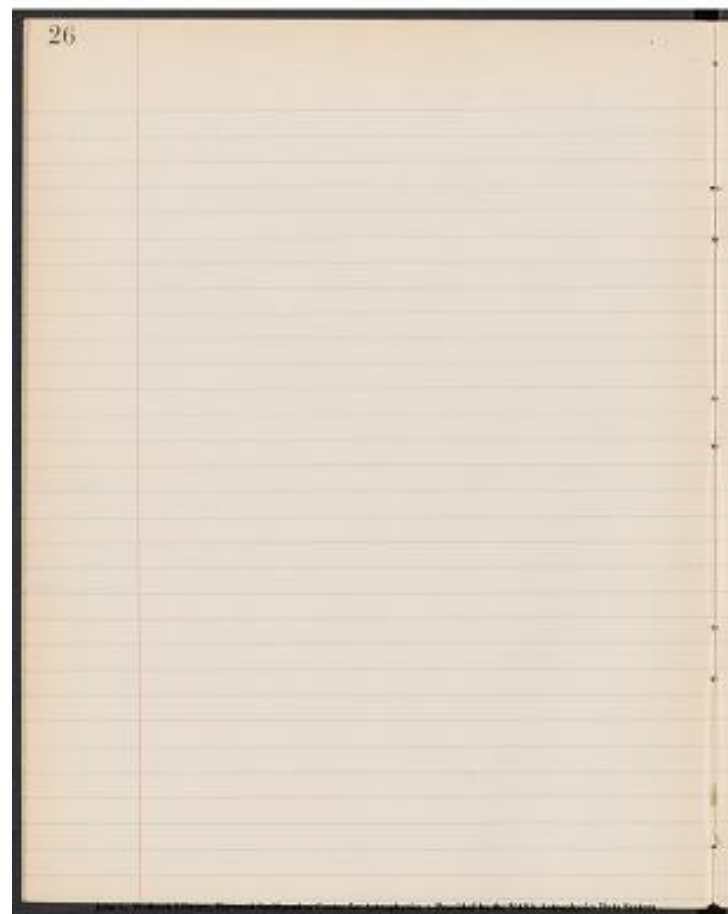


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27

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T Plate 2nd Cycle

Book 13

Plate 1110 T

| | No. | Dec. | Mag. | Obs. Br. | Cor. delta | Obs. Br. + Cor. delta | Diff. |  
Rec'd |

z|1393|+11 54|5.4|6.4|0|6.4|10|2|  
z|1388|+23 11|6.1|6.6|0|6.6|5|3|3|  
z|1421|+16 5|5.0|5.8|0|5.8|8|0|  
z|1373|+16 45|3.6|4.8|0|4.8|12|4|  
z|1351|+27 4|5.5|6.3|+1|6.4|9|1|  
z|1409|+28 23|5.1|5.5|+1|3.6|5|3|3|  
z|1371|+31 11|5.9|6.5|+1|6.6|7|1|

-----  
56 7-7

-----  
7

Mean = 8

Plate III g.

~~1423~~ ~~1424~~ ~~1329~~

z|1401|+48 26|5.5|5.6|+2|5.8|2|2|2|  
z|1392|+49 27|4.6|4.8|+2|5.0|4|0|  
z|1367|+49 41|4.8|5.3|+2|5.5|7|3|  
z|1448|+50 42|5.2|5.3|+2|5.5|3|1|  
3|1|3|1|

-----  
16 3-3

-----  
4

mean = 4

Handwritten astronomical data table from Project PHaEDRA. The table is divided into two sections: Plate 1110 T and Plate III g. Each section contains a list of stars with their positions (Right Ascension, Declination), magnitudes, and other observations. The data is handwritten in ink on a grid-lined page.

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
1393	+11 54	5.4	6.4	0	6.4	10
1388	+23 11	6.1	6.6	0	6.6	5
1421	+16 5	5.0	5.8	0	5.8	8
1373	+16 45	3.6	4.8	0	4.8	12
1351	+27 4	5.5	6.3	+1	6.4	9
1409	+28 23	5.1	5.5	+1	3.6	5
1371	+31 11	5.9	6.5	+1	6.6	7

Mean = 8

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
1401	+48 26	5.5	5.6	+2	5.8	2
1392	+49 27	4.6	4.8	+2	5.0	4
1367	+49 41	4.8	5.3	+2	5.5	7
1448	+50 42	5.2	5.3	+2	5.5	3

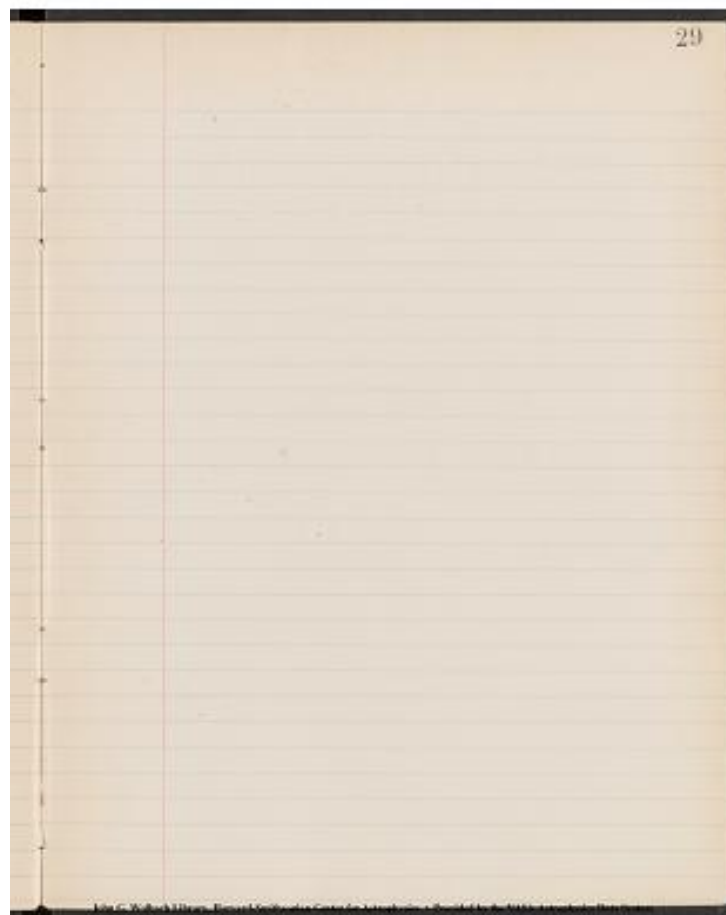
Mean = 4

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Book 13.

Plate 1153 S1.

| No. | Dec. | Mag. | Obs Br. | Cor delta | Obs Br. + Cor delta | Diff. |  
Residuals |

| 1412|+28 10|5.1|6.2|+1|6.3|12|2  
| 1371|+31 11|5.9|6.8|+1|6.9|10|0  
| 1388|+23 11|6.1|6.9|-0|6.9 |8| 2 2

-----  
|30

-----  
10

Plate 1155 J.

1481|+27 5|4.9|6.1  
1486|+20 13|3.3|6.0

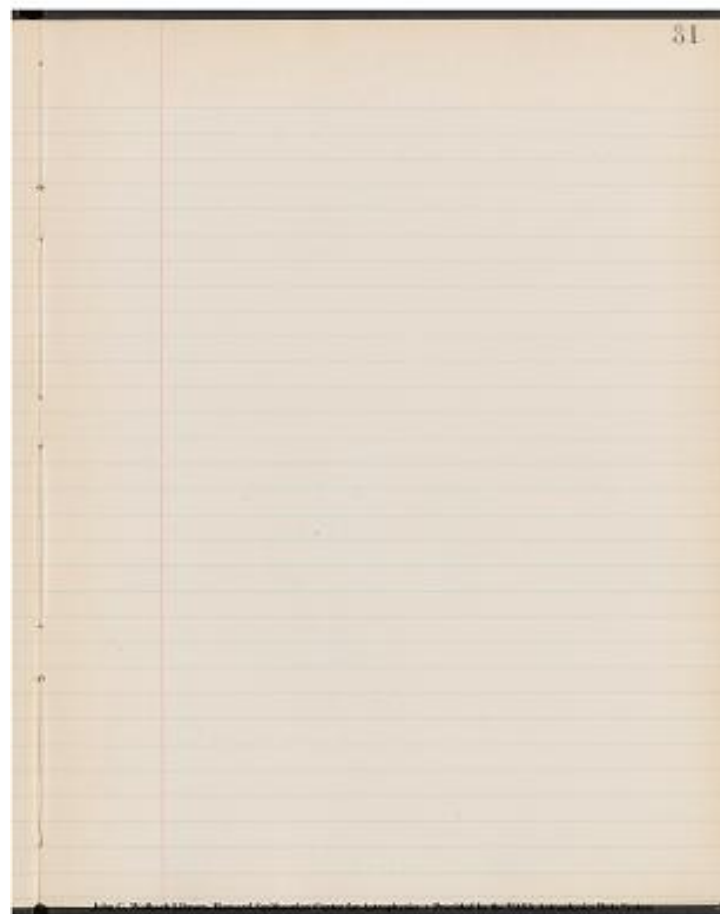
30							
Book 13.							
Plate 1153 S1.							
No.	Dec.	Mag.	Obs Br.	Cor delta	Obs Br. + Cor delta	Diff.	Residual
1412	+28 10	5.1	6.2	+1	6.3	12	2
1371	+31 11	5.9	6.8	+1	6.9	10	0
1388	+23 11	6.1	6.9	-0	6.9	8	2
						<u>30</u>	
						10	
Plate 1155 J.							
1481	+27 5	4.9	6.1				
1486	+20 13	3.3	6.0				

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[u]Book 13[/u]

Plate 1156 F.

[[9 columned table]]

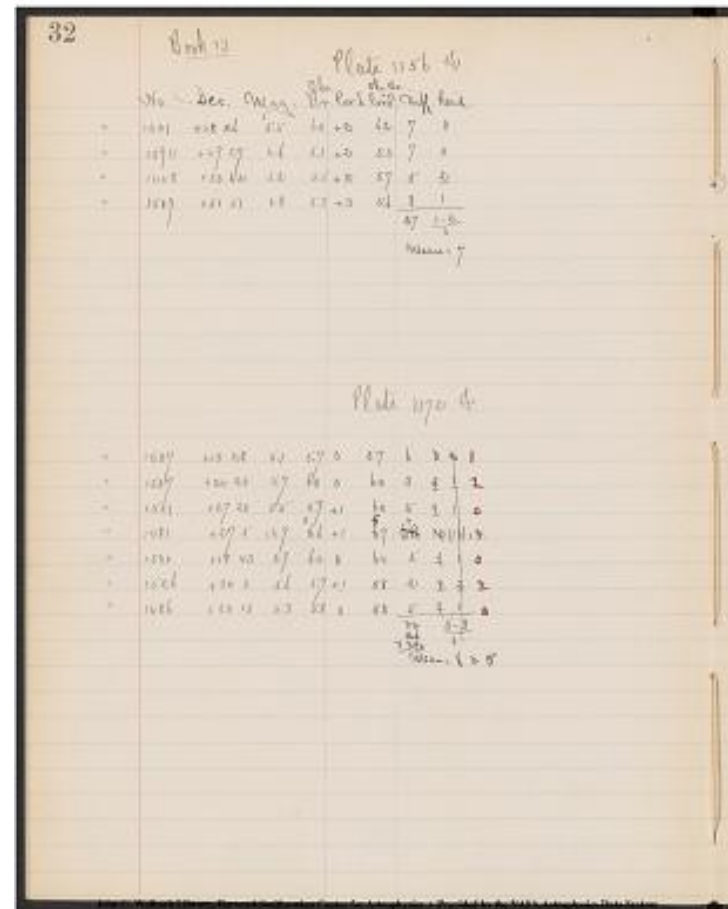
	No.	Dec.	Mag.	Obs. Br.	Cor. Delta	Cor. Delta + Obs. Br.	Diff. Resid.
2	1401	+48 26	5.5	6.0	+2	6.2	7   0
2	1392	+49 27	4.6	5.1	+2	5.3	7   0
2	1448	+50 42	5.2	5.5	+2	5.7	5   <u>2</u>   <u>2</u>
2	1509	+51 51	4.8	5.3	+3	5.6	<u>8</u>   <u>1</u>   <u>1</u>
							27   <u>Mean = 7</u>

Plate 1172 F.

[[11 columned table]]

2	1507	+13 28	5.1	5.7	0	5.7	6
<del>2</del>	<del>1537</del>	<del>+24 24</del>	<del>5.7</del>	<del>6.0</del>	<del>0</del>	<del>6.0</del>	<del>3  </del>
<del>2</del>	<del>1551</del>	<del>+27 20</del>	<del>5.5</del>	<del>5.9</del>	<del>+1</del>	<del>6.0</del>	<del>5  </del>
<del>2</del>	<del>1481</del>	<del>+27 5</del>	<del>4.9</del>	<del>5.6</del>	<del>0</del>	<del>5.6</del>	<del>5.7  </del>
<del>2</del>	<del>1544</del>	<del>+18 43</del>	<del>5.9</del>	<del>6.4</del>	<del>0</del>	<del>6.4</del>	<del>5  </del>
<del>2</del>	<del>1526</del>	<del>+30 1</del>	<del>5.6</del>	<del>5.7</del>	<del>+1</del>	<del>5.8</del>	<del>2  </del>
<del>2</del>	<del>1486</del>	<del>+20 13</del>	<del>5.3</del>	<del>5.8</del>	<del>0</del>	<del>5.8</del>	<del>5  </del>
<del>1</del>	<del>0</del>						<del>0  </del>
							<del>26 44  </del>
							<del>Mean = 6  </del>

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Book 13

Plate 1173. F.

|No.|Dec.|Mag.|Obs. Br.|Cor. delta.|Obs. Br. + Cor. delta.|Diff. Resid.|

Plate 1150 F.

2|1551|+27 20|5.5|6.2|+.1|6.2|7|2|

2|1544|+18 43|5.9|6.7|0 |6.7|8|3|

2|1526|+30 1 |5.6|5.8|+.1|5.9|3|2

2|1579|+21 55|4.8|5.2|0 |5.2|4|1

2|1537|+24 24|5.7|6.2|0 |5|0

2| | | | | |27|5-3/5|

2| | | | | |Mean=5

34

Book 13

Plate 1173 F.

No. Dec. Mag. Obs. Br. Cor. delta. Obs. Br. + Cor. delta. Diff. Resid.

Plate 1150 F.

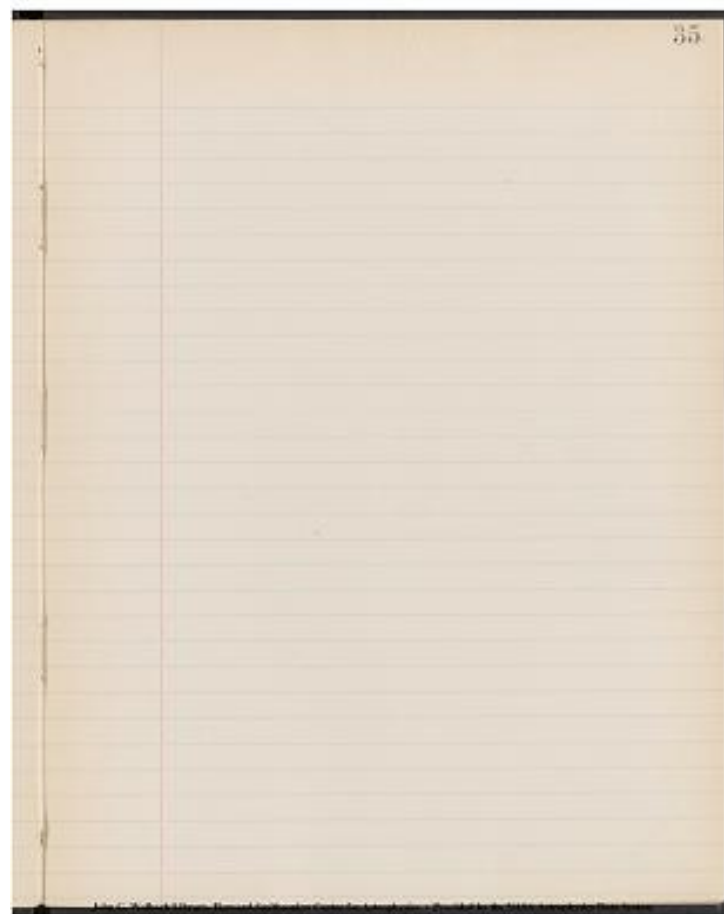
-	1551	+27 20	5.5	6.2	0	6.2	7	2
-	1544	+18 43	5.9	6.7	0	6.7	8	3
-	1526	+30 1	5.6	5.8	+.1	5.9	3	<u>2</u>
-	1579	+21 55	4.8	5.2	0	5.2	4	<u>1</u>
-	1537	+24 24	5.7	6.2	0	<u>5</u>	<u>0</u>	
-	27	5-3/5						
								Mean=5

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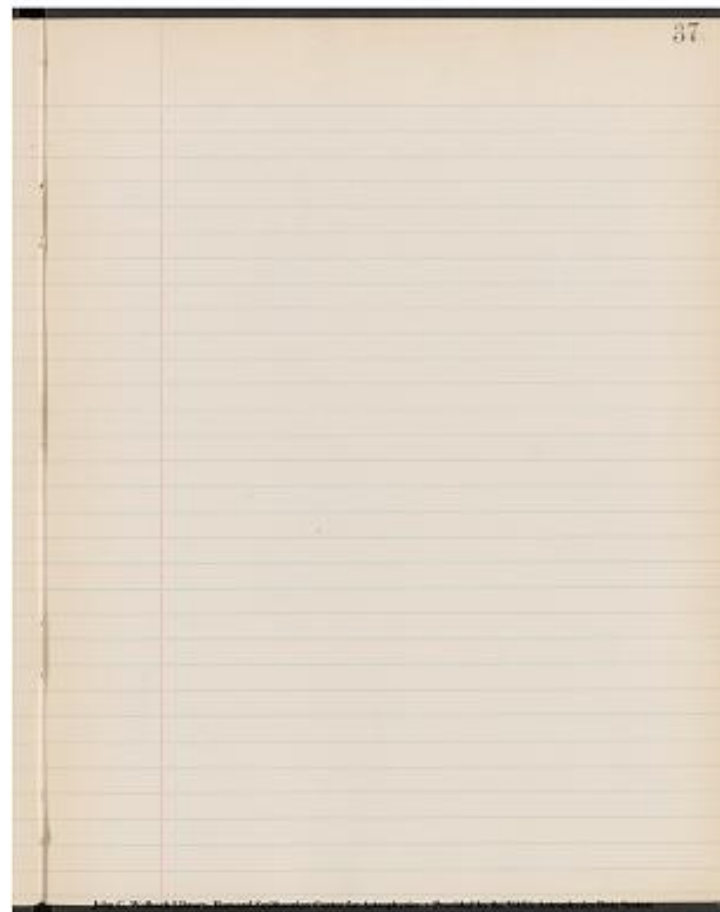
36		Cook 12		Plate 1174. 4.	
		No. & Area. 100 sq. ft.		No. & Area. 100 sq. ft.	
1076	106. 10	17	42	2.1	6.3 ± 2.
1087	105. 10	18	47	4.3	5.2 ± 2.
1088	103. 16	22	40	4.3	5.0 ± 3.
				<u>15</u>	
				2	
		Plate 1187. 4.			
1077	104. 7	20	45	1	4.5 11 5.
1077	102. 11	17	42	2	4.2 1 2.
1077	100. 17	10	33	2	4.2 12 6.
1087	101. 21	22	47	1	4.7 11 1.
1087	100. 25	11	37	1	4.1 2 2.
1088	102. 17	22	46	2	4.6 11 5.
1088	105. 22	27	47	1	4.6 10 1.
				<u>10</u>	
				71 10.1	
				7	
				Mean 1.18	

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Plates #33  
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Book 13

Plate 1159 J'.

Obs. | Obs. Br.

---| No. | Dec. | Mag. | Onb. Br. | Cord. delta | Onb. Br. + Cor. delta | Diff.  
Recid |

2 | 1619 | +32 56 | 5.7 | 6.5 | +.1 | 6.6 | 9 | 2 |  
2 | 1631 | +33 22 | 5.5 | 6.0 | +.1 | 6.1 | 6 | 1 |

2 | 1671 | +43 43 | 5.2 | 5.7 | +.2 | 5.9 | 7 | 0 |  
2 | 1576 | +36 50 | 5.7 | 6.0 | +.1 | 6.1 | 4 | 3 |

2 | 1645 | +47 38 | 3.7 | 4.0 | +.2 | 4.2 | 5 | 2 |

2 | 1636 | +48 31 | 3.2 | 4.0 | +.2 | 4.2 | 10 | 3  
|

---|---|---|---|---| 41 | 5-6 |

---|---|---|---|---| 6 |

Mean = 7

Plate 1175. J'.

2 | 1635 | +16 2 | 5.6 | 6.2 | 0 | 6.2 | 6 | 5 |  
2 | 1643 | +28 22 | 5.8 | 5.8 | +.1 | 5.9 | 1 | 0 |  
2 | 1619 | +32 56 | 5.7 | 5.5 | +.1 | 5.6 | -1 | 2 |

|  
2 | 1646 | +24 56 | 5.6 | 5.3 | +0 | 5.3 | -3 | 4 |

---|---|---|---|---| 7 | 5-6 |

---|---|---|---|---| -4 | 4 |

---|---|---|---|---| 3 |

Mean = 1

38

Book 13

Plate 1159 J'

Obs.	No.	Dec.	Mag.	Onb. Br.	Cord. delta	Onb. Br. + Cor. delta	Diff.
2	1619	+32 56	5.7	6.5	+.1	6.6	9
2	1631	+33 22	5.5	6.0	+.1	6.1	6
2	1671	+43 43	5.2	5.7	+.2	5.9	7
2	1576	+36 50	5.7	6.0	+.1	6.1	4
2	1645	+47 38	3.7	4.0	+.2	4.2	5
2	1636	+48 31	3.2	4.0	+.2	4.2	10

Mean = 7

Plate 1175 J'

Obs.	No.	Dec.	Mag.	Onb. Br.	Cord. delta	Onb. Br. + Cor. delta	Diff.
2	1635	+16 2	5.6	6.2	0	6.2	6
2	1643	+28 22	5.8	5.8	+.1	5.9	1
2	1619	+32 56	5.7	5.5	+.1	5.6	-1
2	1646	+24 56	5.6	5.3	+0	5.3	-3

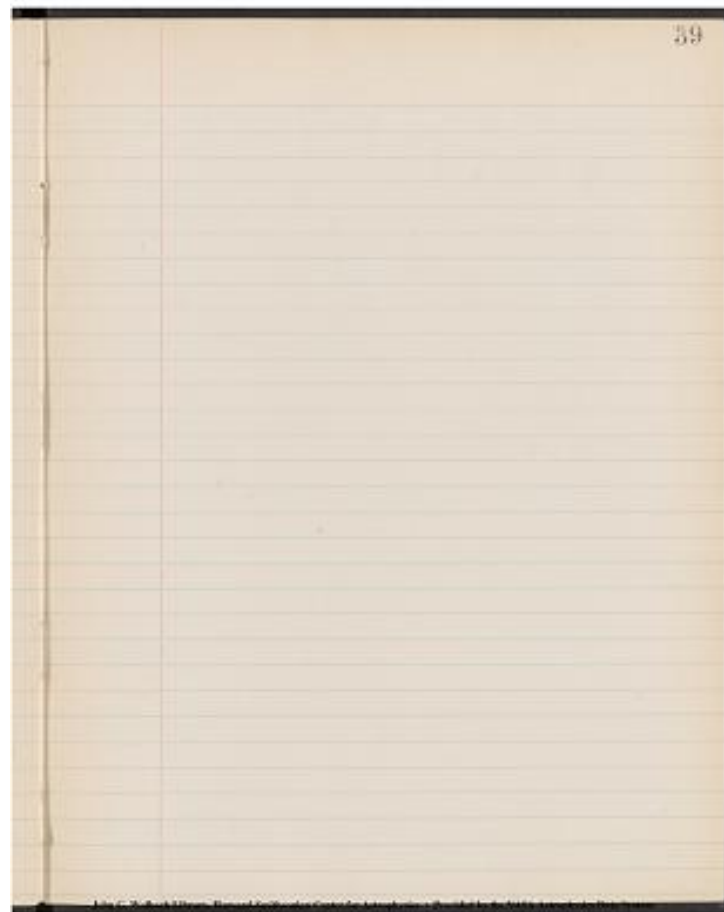
Mean = 1

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Book 13

Plate 1176. F

[9 columned table]

No. | Dec. | Mag. | Obs. Br. | Cor. delta | Obs. Br. + Cor. delta | Diff. | Resid |

2	1681	+37 19	3.8	4.4	+1	4.5	7	2
2	1678	+47 19	5.5	6.6	+2	6.8	13	8
	<del>1636</del>	<del>+48 31</del>	<del>3.2</del>	<del>B.</del>	<del>[[<del>5</del>]]</del>			
2	1656	+52 5	4.4	4.7	+3	5.0	6	1
2	1715	+52 36	4.6	4.9	+3	5.2	6	1
2	1671	+43 43	5.2	5.0	+2	5.2	0	<u>5</u>
2	1675	+54 31	4.9	4.9	+3	5.2	3	<u>2</u>
2	1644	+54 45	5.6	5.3	+3	5.6		

0555

35  
Mean = 5

Plate 1197. F.

[9 columned table]

| 1742 | +30 32 | 5.9 | 5.8 | | | | |

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40

Book 13

Plate 1176. F

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid
1681	+37 19	3.8	4.4	+1	4.5	7	2
1678	+47 19	5.5	6.6	+2	6.8	13	8
<del>1636</del>	<del>+48 31</del>	<del>3.2</del>	<del>B.</del>	<del>[[<del>5</del>]]</del>			
1656	+52 5	4.4	4.7	+3	5.0	6	1
1715	+52 36	4.6	4.9	+3	5.2	6	1
1671	+43 43	5.2	5.0	+2	5.2	0	<u>5</u>
1675	+54 31	4.9	4.9	+3	5.2	3	<u>2</u>
1644	+54 45	5.6	5.3	+3	5.6		

Plate 1197. F.

1742	+30 32	5.9	5.8				
------	--------	-----	-----	--	--	--	--

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42  
 Book 13:  
 Plate 1198 J.

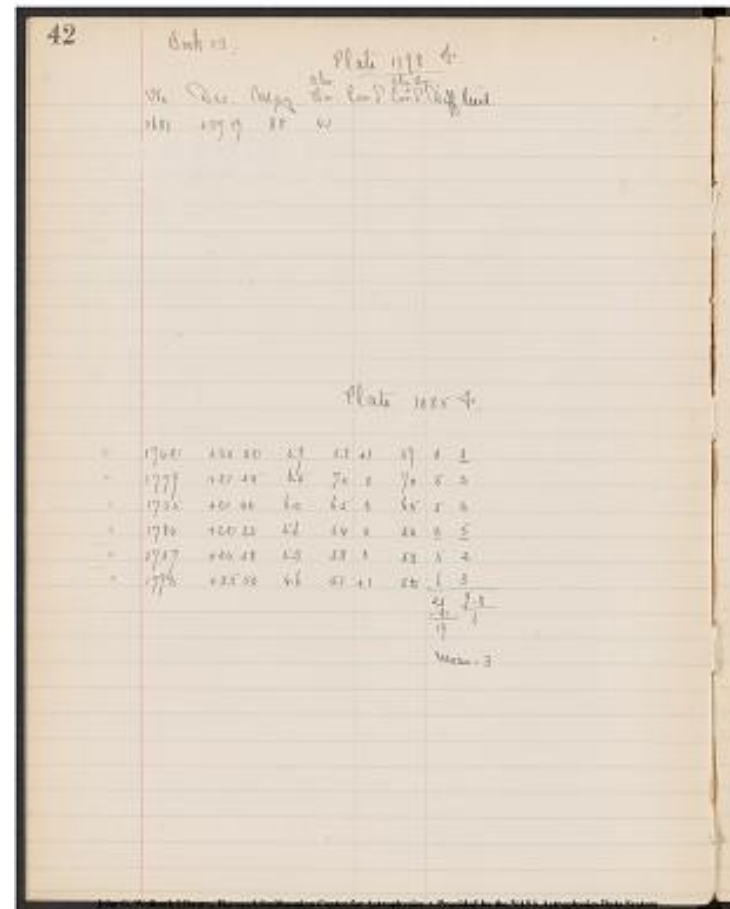
7 column

No.	Dec.	Mag.	Obs.Br.	Cord.	Obs.Br.+Cord.	Diff.Reeid.
1681	+3.7.9	38	4.1			

Plate 1085 J

2	1742	+30	32	5.9	5.8	+1	5.9	0	3	<u>3</u>
2	1779	+21	55	6.5	7.0	0	7.0	5	2	
2	1755	+21	44	6.0	6.6	0	6.5	5	2	
2	1784	+22	33	5.6	5.4	0	5.4	2	<u>5</u>	<u>5</u>
2	1757	+24	58	5.3	5.8	0	5.8	5	2	
2	1792	+35	50	4.6	5.1	+1	5.2	<u>6</u>	<u>3</u>	<u>3</u>
							21	9	8	<u>6</u>
							-2			
										19

Mean = 3

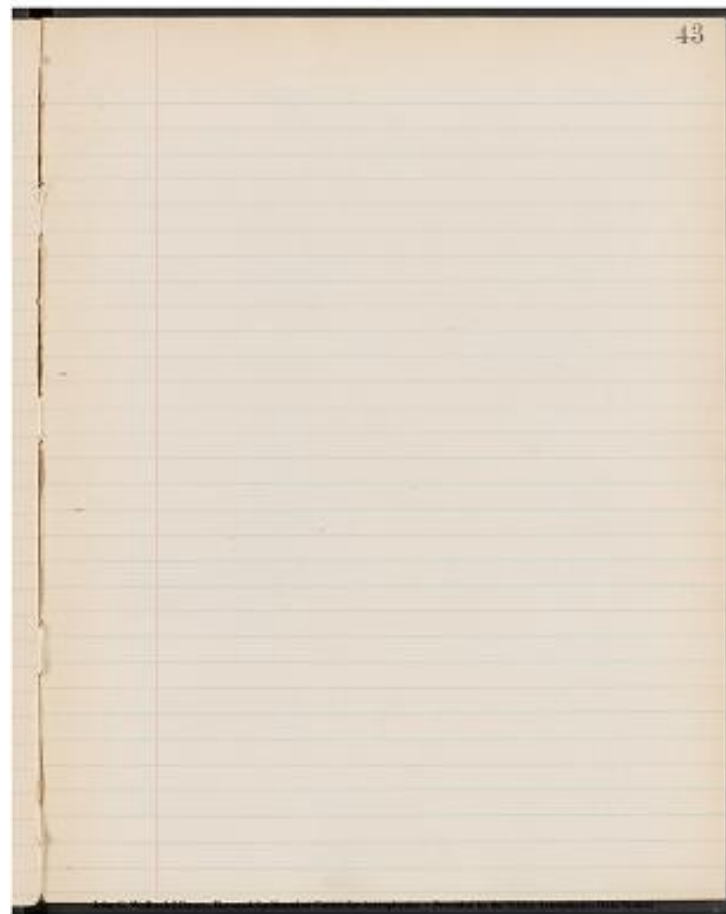


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Book 13Plate 1086 F.

[9 columned table]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid
2	1792	+35 50	4.6	5.5	+1	5.6	10
2	1765	+50 24	5.3	5.2	+2	5.4	1
2	1727	+40 47	5.3	5.3	+2	5.5	2
2	1715	+52 36	4.6	4.6	+3	4.9	3
2	1756	+54 38	4.4	4.2	+3	4.5	1
2	1675	+56 31	4.9	4.9	+3	5.2	3
20							7-5
6							

Mean = 3

2	1792	+35 50	4.6	5.5	+1	5.6	10
2	1765	+50 24	5.3	5.2	+2	5.4	1

2	1727	+40 47	5.3	5.3	+2	5.5	2
---	------	--------	-----	-----	----	-----	---

2	1715	+52 36	4.6	4.6	+3	4.9	3
---	------	--------	-----	-----	----	-----	---

2	1756	+54 38	4.4	4.2	+3	4.5	1
---	------	--------	-----	-----	----	-----	---

2	1675	+56 31	4.9	4.9	+3	5.2	3
---	------	--------	-----	-----	----	-----	---

20							7-5
----	--	--	--	--	--	--	-----

6							
---	--	--	--	--	--	--	--

Mean = 3

## Plate 1114. J'.

1775	+13 0	5.3	6.5	0	6.5	12	1
------	-------	-----	-----	---	-----	----	---

1793	+17 21	3.6	4.7	0	4.7	11	0
------	--------	-----	-----	---	-----	----	---

1808	+29 54	5.4	5.4	6.2	+1	6.3	9
------	--------	-----	-----	-----	----	-----	---

3							32
---	--	--	--	--	--	--	----

11							
----	--	--	--	--	--	--	--

11							
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Book 13

Plate 1086 F.

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid
2	1792	+35 50	4.6	5.5	+1	5.6	10
2	1765	+50 24	5.3	5.2	+2	5.4	1
2	1727	+40 47	5.3	5.3	+2	5.5	2
2	1715	+52 36	4.6	4.6	+3	4.9	3
2	1756	+54 38	4.4	4.2	+3	4.5	1
2	1675	+56 31	4.9	4.9	+3	5.2	3
20							7-5
6							

Mean = 3

Plate 1114. J'.

1775	+13 0	5.3	6.5	0	6.5	12	1
1793	+17 21	3.6	4.7	0	4.7	11	0
1808	+29 54	5.4	5.4	6.2	+1	6.3	9
3							32
11							

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Book 13

Plate 1113

No.	Dec.	Mag.	Br.	Lord.	Lord.	Deff.	Rieed
z 1810	+43 31	3.6	4.3	+2	45	9	2
z 1834	+36 25	5.1	5.8	+1	59	8	1
z 1830	+34 31	8.9	6.8	+1	69	10	3
z 1792	+35 50	4.6	5.1	+1	52	6	1
z 1765	+50 24	5.3	5.5	+2	57	4	3

37 6-4

3

Mean =7

Plate 1087

z 1793	+17 21	3.6	4.0	0	4.0	4	1
z 1808	+29 54	5.4	5.8	+1	5.9	5	0
z 1886	+31 19	5.4	5.7	+1	5.8	4	1
z 1832	+33 0	5.7	6.21	+1	6.3	6	1
z 1830	+34 31	5.9	6.4	+1	6.5	6	1
z 1860	+35 36	5.5	5.8	+1	5.9	4	1

29 2-3

6

Mean =5

46

Book 13

Plate 1113 d

No.	Dec.	Mag.	Br.	Lord.	Lord.	Deff.	Rieed
z 1810	+43 31	3.6	4.3	+2	45	9	2
z 1834	+36 25	5.1	5.8	+1	59	8	1
z 1830	+34 31	8.9	6.8	+1	69	10	3
z 1792	+35 50	4.6	5.1	+1	52	6	1
z 1765	+50 24	5.3	5.5	+2	57	4	3

37 6-4

3

Mean =7

Plate 1087 d

z 1793	+17 21	3.6	4.0	0	4.0	4	1
z 1808	+29 54	5.4	5.8	+1	5.9	5	0
z 1886	+31 19	5.4	5.7	+1	5.8	4	1
z 1832	+33 0	5.7	6.21	+1	6.3	6	1
z 1830	+34 31	5.9	6.4	+1	6.5	6	1
z 1860	+35 36	5.5	5.8	+1	5.9	4	1

29 2-3

6

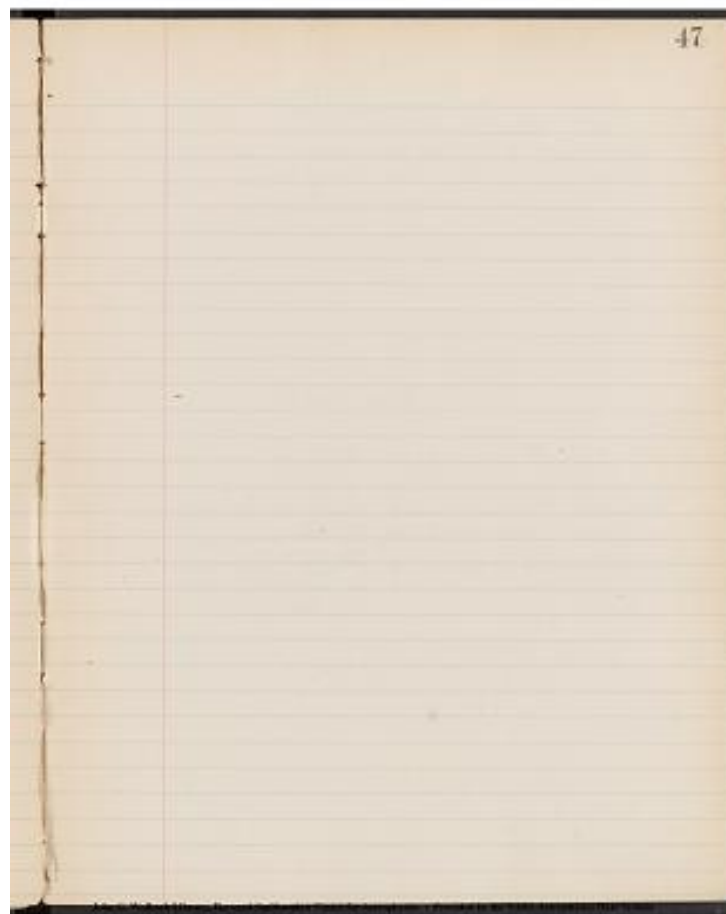
Mean =5

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Book 13

Plate 1088. F.

[9 columned table]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid
1845	+39 34	5.8	5.9	+1	6.0	2	<u>2</u>
1857	+44 3	5.1	5.3	+2	5.5	4	0
1810	+43 31	3.6	4.1	+2	4.3	<u>7</u>	<u>3</u>
						<u>13</u>	4

4

Plate 1123 F.

[9 columned table]

2	1892	+11 11	5.3	6.7	0	6.7	14	2
2	1884	+23 49	5.1	6.3	0	6.3	12	0
2	1908	+25 23	4.3	5.4	0	5.4	11	<u>1</u>

2 | 1883 | +26 58 | 5.6 | 6.6 | +1 | 6.7 | 11 | 1

1

2 | 1925 | +20 49 | 4.5 | 5.6 | 0 | 5.6 | 11 | 1

59 | 2-3 |

5

Mean = 12

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48 Book 13 Plate 1088. F.

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid
1845	+39 34	5.8	5.9	+1	6.0	2	2
1857	+44 3	5.1	5.3	+2	5.5	4	0
1810	+43 31	3.6	4.1	+2	4.3	7	3
						13	4

Plate 1123 F.

2	1892	+11 11	5.3	6.7	0	6.7	14	2
2	1884	+23 49	5.1	6.3	0	6.3	12	0
2	1908	+25 23	4.3	5.4	0	5.4	11	1
2	1883	+26 58	5.6	6.6	+1	6.7	11	1
2	1925	+20 49	4.5	5.6	0	5.6	11	1
								5

Mean = 12

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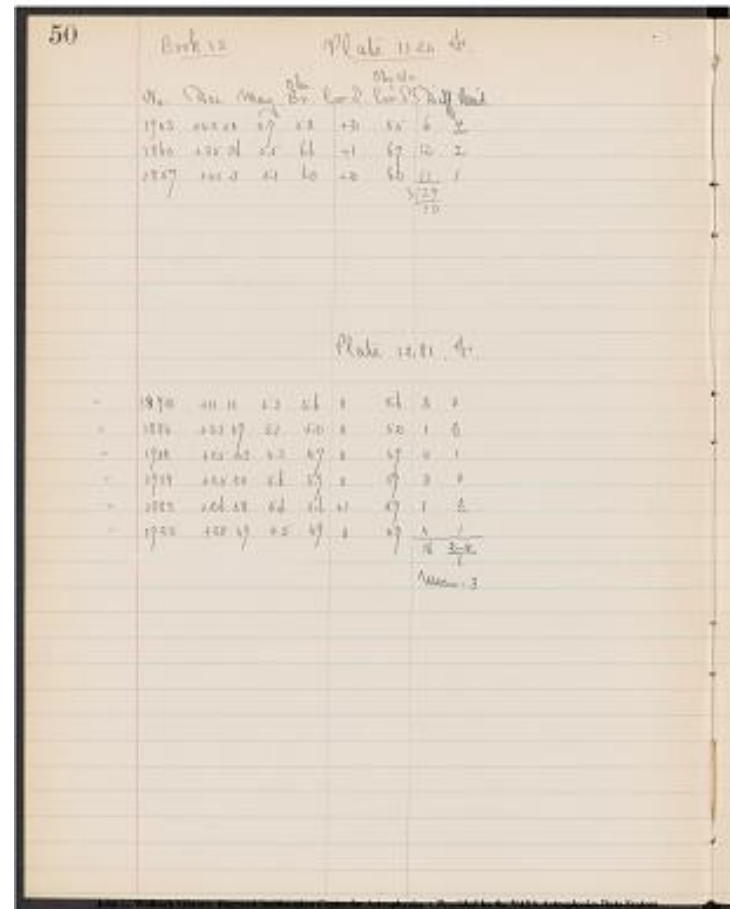
Book 13  
Plate 1124 J'. [[/underlined]]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cord. delta	Diff.	Rec'd.
1903	+43 50	4.9	5.3	+2	5.5	6	<u>4</u>
1860	+35 36	5.5	6.6	+1	6.7	12	2
1857	+41 3	5.1	6.0	+2	6.2	<u>11</u>	1
---	---	3	<u>29</u>	---	---	---	---
---	---	---	10	---	---	---	---

Plate 1281. J'.

2	1892	+11 11	5.3	5.6	0	5.6	3	0
2	1884	+23 49	5.1	5.2	0	5.2	1	<u>2</u>
2	1908	+25 23	4.3	4.7	0	4.7	4	1
2	1938	+25 20	5.6	5.9	0	5.9	3	0
2	1883	+26 58	5.6	5.6	+1	5.7	1	<u>2</u>
2	1925	+20 49	4.5	4.9	0	4.9	<u>4</u>	1
---	---	---	16	<u>2-4</u>	---	---	---	---
---	---	---	6	---	---	---	---	---

Mean = 3

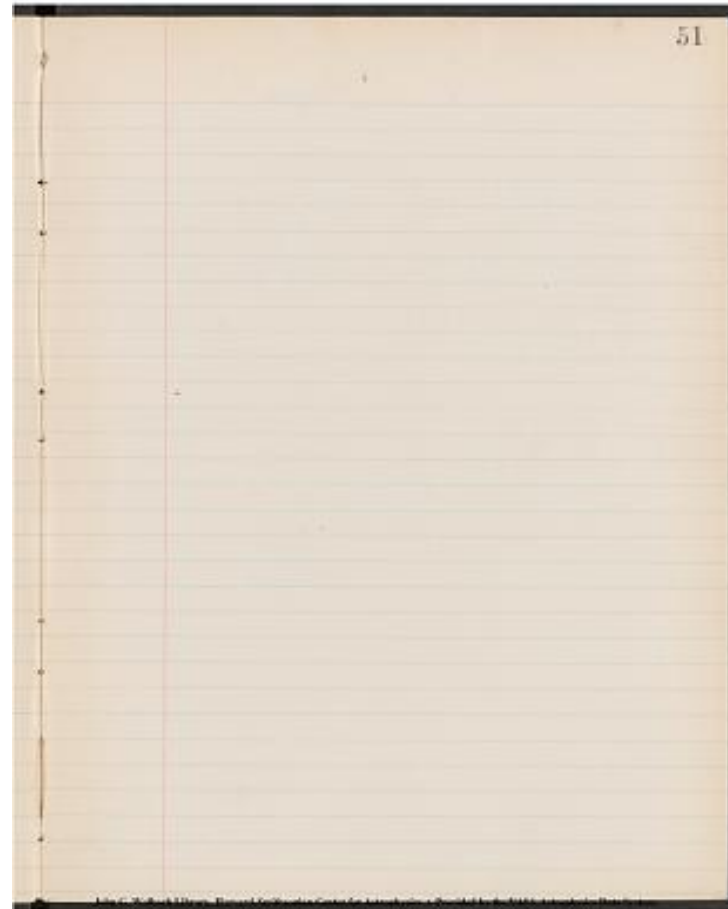


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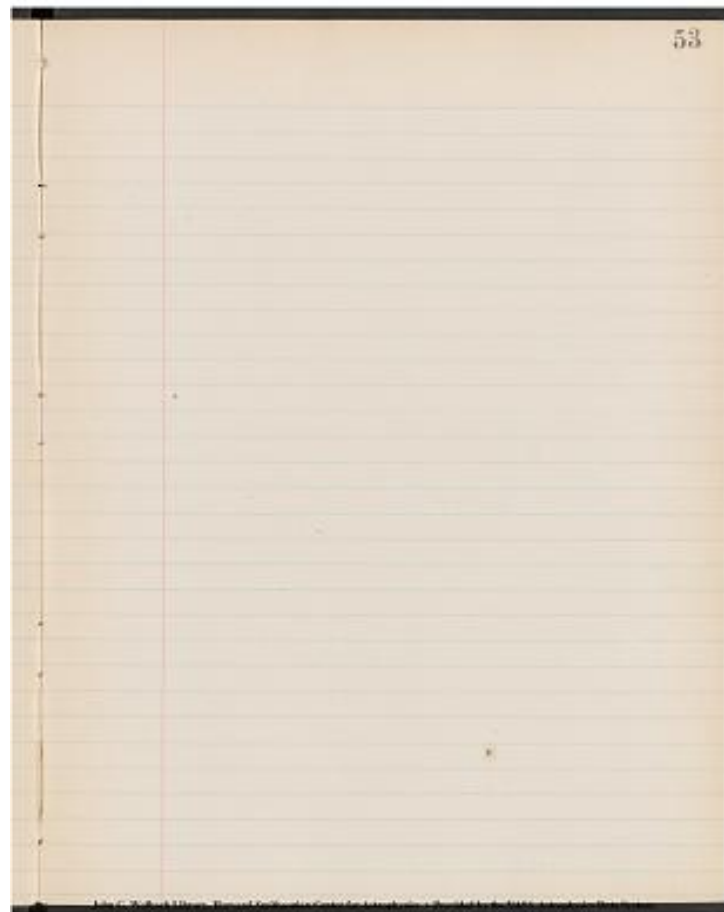


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Book 13  
Plate 1178. J'. [underlined]

No.	Dec.	Mag.	Obs. Br.	Cord.	Obs. Br. + Cord.	Diff.	Resid.
1925	+20 49	4.5	4.5	0	4.5	0	<u>2</u>
1938	+25 20	5.6	5.8	0	5.8	2	0
1908	+25 23	4.3	4.8	0	4.8	<u>5</u>	<u>3</u>
							<u>7</u>
							2

## Plate 1075

1949	+21 11	2.8	4.3	0	4.3	15	8
1938	+25 20	5.6	6.2	0	6.2	6	<u>1</u>
1998	+17 27	5.7	5.9	0	5.9	2	<u>5</u>
2001	+28 26	5.8	6.3	+1	6.4	<u>6</u>	<u>1</u>
							29
							<u>8-7</u>
							4

Mean = 7

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Book 13

Plate 1178. J'

No.	Dec.	Mag.	Obs. Br.	Cord.	Obs. Br. + Cord.	Diff.	Resid.
1925	+20 49	4.5	4.5	0	4.5	0	2
1938	+25 20	5.6	5.8	0	5.8	2	0
1908	+25 23	4.3	4.8	0	4.8	5	3
							7
							2

Plate 1075

1949	+21 11	2.8	4.3	0	4.3	15	8
1938	+25 20	5.6	6.2	0	6.2	6	1
1998	+17 27	5.7	5.9	0	5.9	2	5
2001	+28 26	5.8	6.3	+1	6.4	6	1
							29
							8-7
							4

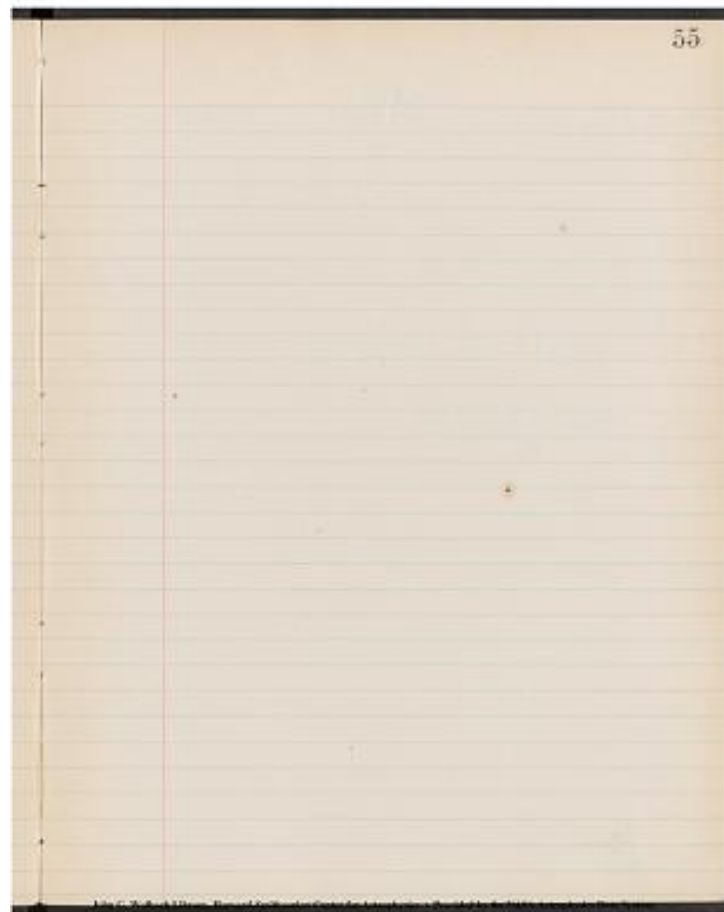
Mean = 7

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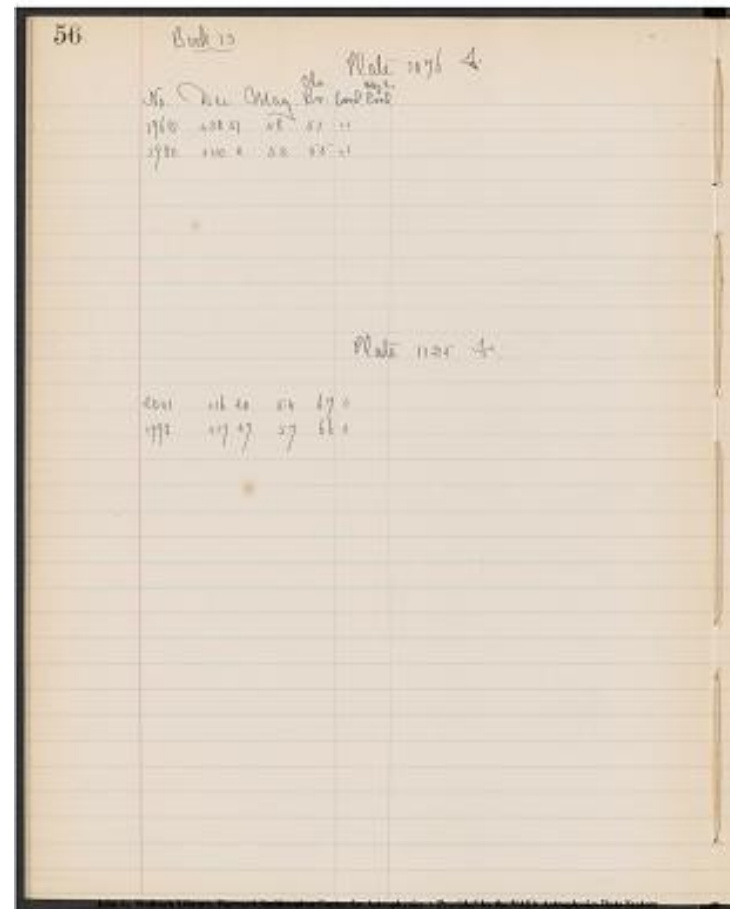
Book 13  
Plate 1076 f.

|No.|Dec.|Mag.|Obs.Br.|Cord.|Obs. Br. + Cord.|

1962|+38 51|4.8|5.1|+1|. |  
1980|+40 0|5.2|5.5|+1|. |

Plate 1125 f

2041|+16 20|5.4|6.7|0|. |  
1998|+17 27|5.7|6.6|0|. |



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Plates #33  
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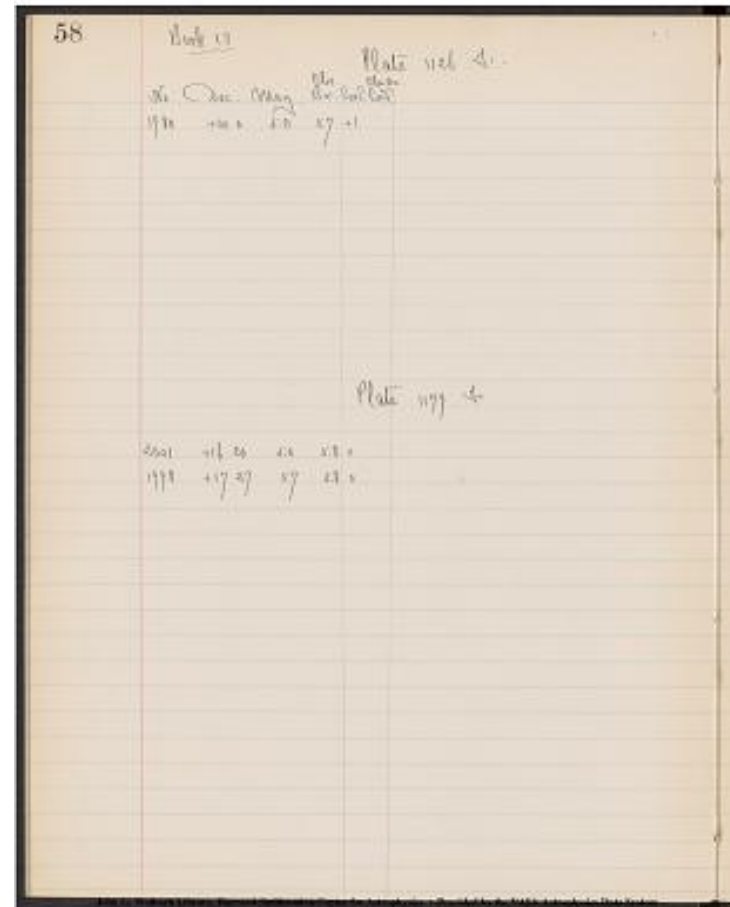
58

Book 13

Plate 1126. F.

No. Dec. Mag. Obs. Br. Cor. delta. Obs. Br. + Cor. delta
1980 +40 0 5.2 5.7 +1.1

Plate 1179. F.

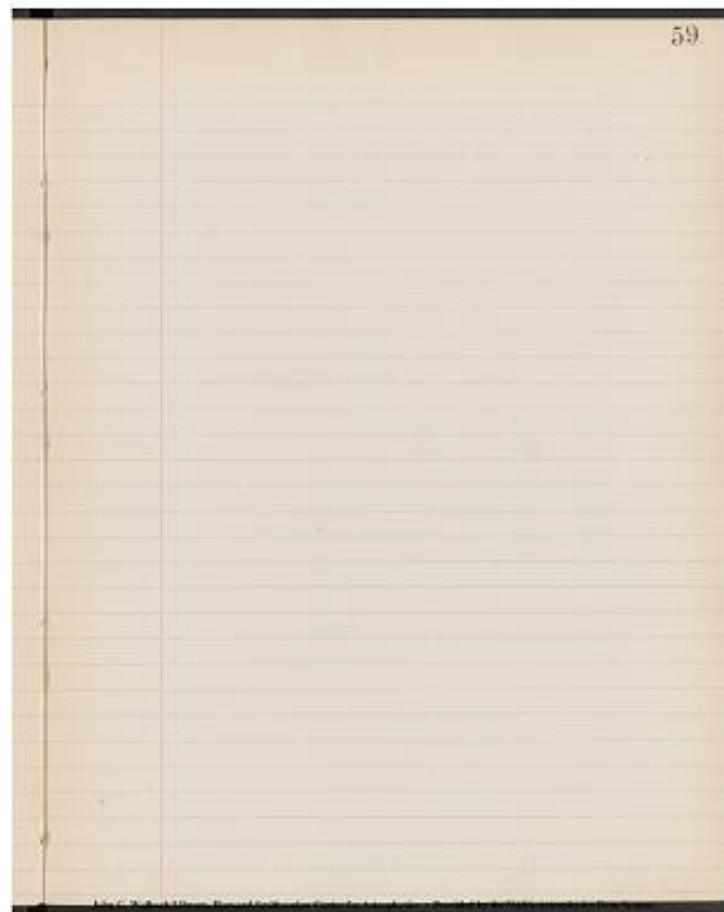


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Plates #33  
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Plate 1077. J'.  

3	2079	+15 34	5.1	5.3	0	5.3	2	[[ <u>2</u> ]]
2	2041	+16 20	5.4	5.8	0	5.8	4	0
3	2103	+26 46	5.1	5.5	+1	5.6	5	1
3	2111	+27 29	5.1	5.5	+1	5.6	5	1
3	2064	+17 28	6.3	6.5	0	6.5	2	[[ <u>2</u> ]]
3	2065	+27 57	5.7	6.0	+1	6.1	4	0
3	2083	+29 37	3.6	5.8	+1	5.9	[[ <u>3</u> ]]	1 [[ <u>1</u> ]]

25	[[ <u>2-5</u> ]]
7	

  
Mean = 4

60

Book 12

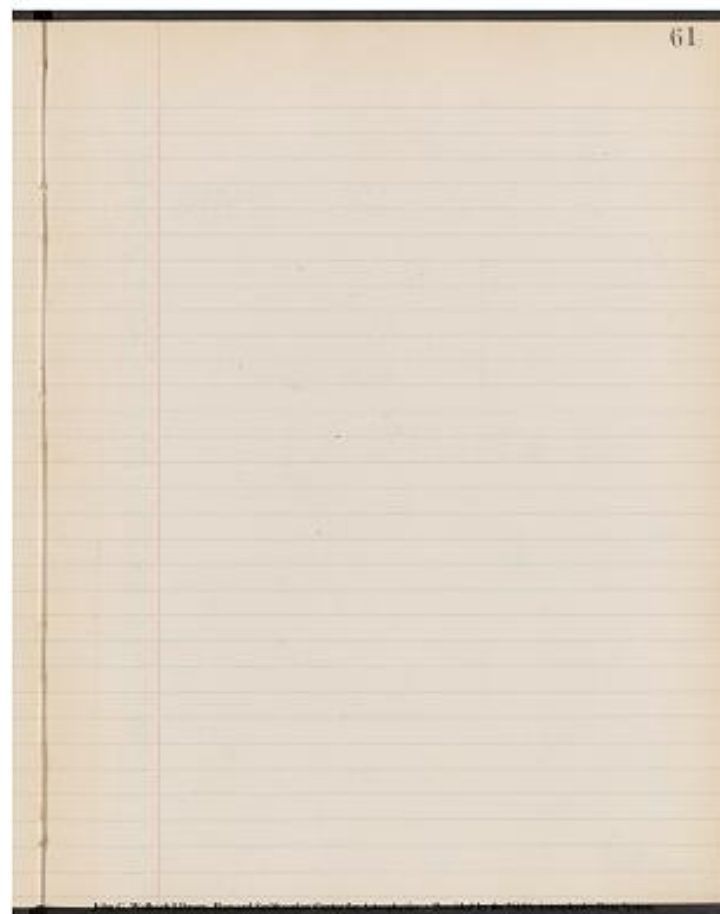
Plate 118

No.	Date	Place	No.	Date	Place
1877	1877	5.3	11	1877	5.3
1878	1878	5.3	12	1878	5.3
1879	1879	5.3	13	1879	5.3
1880	1880	5.3	14	1880	5.3
1881	1881	5.3	15	1881	5.3
1882	1882	5.3	16	1882	5.3
1883	1883	5.3	17	1883	5.3
1884	1884	5.3	18	1884	5.3
1885	1885	5.3	19	1885	5.3
1886	1886	5.3	20	1886	5.3
1887	1887	5.3	21	1887	5.3
1888	1888	5.3	22	1888	5.3
1889	1889	5.3	23	1889	5.3
1890	1890	5.3	24	1890	5.3
1891	1891	5.3	25	1891	5.3
1892	1892	5.3	26	1892	5.3
1893	1893	5.3	27	1893	5.3
1894	1894	5.3	28	1894	5.3
1895	1895	5.3	29	1895	5.3
1896	1896	5.3	30	1896	5.3
1897	1897	5.3	31	1897	5.3
1898	1898	5.3	32	1898	5.3
1899	1899	5.3	33	1899	5.3
1900	1900	5.3	34	1900	5.3
1901	1901	5.3	35	1901	5.3
1902	1902	5.3	36	1902	5.3
1903	1903	5.3	37	1903	5.3
1904	1904	5.3	38	1904	5.3
1905	1905	5.3	39	1905	5.3
1906	1906	5.3	40	1906	5.3
1907	1907	5.3	41	1907	5.3
1908	1908	5.3	42	1908	5.3
1909	1909	5.3	43	1909	5.3
1910	1910	5.3	44	1910	5.3
1911	1911	5.3	45	1911	5.3
1912	1912	5.3	46	1912	5.3
1913	1913	5.3	47	1913	5.3
1914	1914	5.3	48	1914	5.3
1915	1915	5.3	49	1915	5.3
1916	1916	5.3	50	1916	5.3
1917	1917	5.3	51	1917	5.3
1918	1918	5.3	52	1918	5.3
1919	1919	5.3	53	1919	5.3
1920	1920	5.3	54	1920	5.3
1921	1921	5.3	55	1921	5.3
1922	1922	5.3	56	1922	5.3
1923	1923	5.3	57	1923	5.3
1924	1924	5.3	58	1924	5.3
1925	1925	5.3	59	1925	5.3
1926	1926	5.3	60	1926	5.3
1927	1927	5.3	61	1927	5.3
1928	1928	5.3	62	1928	5.3
1929	1929	5.3	63	1929	5.3
1930	1930	5.3	64	1930	5.3
1931	1931	5.3	65	1931	5.3
1932	1932	5.3	66	1932	5.3
1933	1933	5.3	67	1933	5.3
1934	1934	5.3	68	1934	5.3
1935	1935	5.3	69	1935	5.3
1936	1936	5.3	70	1936	5.3
1937	1937	5.3	71	1937	5.3
1938	1938	5.3	72	1938	5.3
1939	1939	5.3	73	1939	5.3
1940	1940	5.3	74	1940	5.3
1941	1941	5.3	75	1941	5.3
1942	1942	5.3	76	1942	5.3
1943	1943	5.3	77	1943	5.3
1944	1944	5.3	78	1944	5.3
1945	1945	5.3	79	1945	5.3
1946	1946	5.3	80	1946	5.3
1947	1947	5.3	81	1947	5.3
1948	1948	5.3	82	1948	5.3
1949	1949	5.3	83	1949	5.3
1950	1950	5.3	84	1950	5.3
1951	1951	5.3	85	1951	5.3
1952	1952	5.3	86	1952	5.3
1953	1953	5.3	87	1953	5.3
1954	1954	5.3	88	1954	5.3
1955	1955	5.3	89	1955	5.3
1956	1956	5.3	90	1956	5.3
1957	1957	5.3	91	1957	5.3
1958	1958	5.3	92	1958	5.3
1959	1959	5.3	93	1959	5.3
1960	1960	5.3	94	1960	5.3
1961	1961	5.3	95	1961	5.3
1962	1962	5.3	96	1962	5.3
1963	1963	5.3	97	1963	5.3
1964	1964	5.3	98	1964	5.3
1965	1965	5.3	99	1965	5.3
1966	1966	5.3	100	1966	5.3
1967	1967	5.3	101	1967	5.3
1968	1968	5.3	102	1968	5.3
1969	1969	5.3	103	1969	5.3
1970	1970	5.3	104	1970	5.3
1971	1971	5.3	105	1971	5.3
1972	1972	5.3	106	1972	5.3
1973	1973	5.3	107	1973	5.3
1974	1974	5.3	108	1974	5.3
1975	1975	5.3	109	1975	5.3
1976	1976	5.3	110	1976	5.3
1977	1977	5.3	111	1977	5.3
1978	1978	5.3	112	1978	5.3
1979	1979	5.3	113	1979	5.3
1980	1980	5.3	114	1980	5.3
1981	1981	5.3	115	1981	5.3
1982	1982	5.3	116	1982	5.3
1983	1983	5.3	117	1983	5.3
1984	1984	5.3	118	1984	5.3
1985	1985	5.3	119	1985	5.3
1986	1986	5.3	120	1986	5.3
1987	1987	5.3	121	1987	5.3
1988	1988	5.3	122	1988	5.3
1989	1989	5.3	123	1989	5.3
1990	1990	5.3	124	1990	5.3
1991	1991	5.3	125	1991	5.3
1992	1992	5.3	126	1992	5.3
1993	1993	5.3	127	1993	5.3
1994	1994	5.3	128	1994	5.3
1995	1995	5.3	129	1995	5.3
1996	1996	5.3	130	1996	5.3
1997	1997	5.3	131	1997	5.3
1998	1998	5.3	132	1998	5.3
1999	1999	5.3	133	1999	5.3
2000	2000	5.3	134	2000	5.3
2001	2001	5.3	135	2001	5.3
2002	2002	5.3	136	2002	5.3
2003	2003	5.3	137	2003	5.3
2004	2004	5.3	138	2004	5.3
2005	2005	5.3	139	2005	5.3
2006	2006	5.3	140	2006	5.3
2007	2007	5.3	141	2007	5.3
2008	2008	5.3	142	2008	5.3
2009	2009	5.3	143	2009	5.3
2010	2010	5.3	144	2010	5.3
2011	2011	5.3	145	2011	5.3
2012	2012	5.3	146	2012	5.3
2013	2013	5.3	147	2013	5.3
2014	2014	5.3	148	2014	5.3
2015	2015	5.3	149	2015	5.3
2016	2016	5.3	150	2016	5.3
2017	2017	5.3	151	2017	5.3
2018	2018	5.3	152	2018	5.3
2019	2019	5.3	153	2019	5.3
2020	2020	5.3	154	2020	5.3
2021	2021	5.3	155	2021	5.3
2022	2022	5.3	156	2022	5.3
2023	2023	5.3	157	2023	5.3
2024	2024	5.3	158	2024	5.3
2025	2025	5.3	159	2025	5.3
2026	2026	5.3	160	2026	5.3
2027	2027	5.3	161	2027	5.3
2028	2028	5.3	162	2028	5.3
2029	2029	5.3	163	2029	5.3
2030	2030	5.3	164	2030	5.3
2031	2031	5.3	165	2031	5.3
2032	2032	5.3	166	2032	5.3
2033	2033	5.3	167	2033	5.3
2034	2034	5.3	168	2034	5.3
2035	2035	5.3	169	2035	5.3
2036	2036	5.3	170	2036	5.3
2037	2037	5.3	171	2037	5.3
2038	2038	5.3	172	2038	5.3
2039	2039	5.3	173	2039	5.3
2040	2040	5.3	174	2040	5.3
2041	2041	5.3	175	2041	5.3
2042	2042	5.3	176	2042	5.3
2043	2043	5.3	177	2043	5.3
2044	2044	5.3	178	2044	5.3
2045	2045	5.3	179	2045	5.3
2046	2046	5.3	180	2046	5.3
2047	2047	5.3	181	2047	5.3
2048	2048	5.3	182	2048	5.3
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2052	2052	5.3	186	2052	5.3
2053	2053	5.3	187	2053	5.3
2054	2054	5.3	188	2054	5.3
2055	2055	5.3	189	2055	5.3
2056	2056	5.3	190	2056	5.3
2057	2057	5.3	191	2057	5.3
2058	2058	5.3	192	2058	5.3
2059	2059	5.3	193	2059	5.3
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2062	2062	5.3	196	2062	5.3
2063	2063	5.3	197	2063	5.3
2064	2064	5.3	198	2064	5.3
2065	2065	5.3	199	2065	5.3
2066	2066	5.3	200	2066	5.3
2067	2067	5.3	201	2067	5.3
2068	2068	5.3	202	2068	5.3
2069	2069	5.3	203	2069	5.3
2070	2070	5.3	204	2070	5.3
2071	2071	5.3	205	2071	5.3
2072	2072	5.3	206	2072	5.3
2073	2073	5.3	207	2073	5.3
2074	2074	5.3	208	2074	5.3
2075	2075	5.3	209	2075	5.3
2076	2076	5.3	210	2076	5.3
2077	2077	5.3	211	2077	5.3
2078	2078	5.3	212	2078	5.3
2079	2079	5.3	213	2079	5.3
2080	2080	5.3	214	2080	5.3
2081	2081	5.3	215	2081	5.3
2082	2082	5.3	216	2082	5.3
2083	2083	5.3	217	2083	5.3
2084	2084	5.3	218	2084	5.3
2085	2085	5.3	219	2085	5.3
2086	2086	5.3	220	2086	5.3
2087	2087	5.3	221	2087	5.3
2088	2088	5.3	222	2088	5.3
2089	2089	5.3	223	2089	5.3
2090	2090	5.3	224	2090	5.3
2091	2091	5.3	225	2091	5.3
2092	2092	5.3	226	2092	5.3

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[[No Entries]]

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Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
Transcribed and Reviewed by Digital Volunteers  
Extracted Aug-29-2022 02:30:57

Book 13  
Plate 1078 J'. [underlined]

No.	Dec.	Mag.	Obs. Br.	Cord.	Obs. Br. + Cord.	Diff.	Resid.
2054	+43 43	5.1	5.4	+2	5.6	5	<u>2</u>
2040	+47 8	5.8	6.6	+2	6.8	10	3
2039	+47 9	5.8	6.3	+2	6.5	<u>7</u>	0
---	---	---	---	---	---	<u>22</u>	---

Mean/3

Plate 1209 J'. [underlined]

2054	+43 43	5.1	5.7	+2	5.9	8	2
2039	+47 9	5.8	6.0	+2	6.2	<u>4</u>	<u>2</u>
2040	+47 8	[[bracketed with above column to match the same row numbers]]					
---	---	---	---	---	---	<u>2</u>	<u>12</u>
---	---	---	---	---	---	6	---

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

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Book 13

Plate 1078 J'

No.	Dec.	Mag.	Obs. Br.	Cord.	Obs. Br. + Cord.	Diff.	Resid.
2054	+43 43	5.1	5.4	+2	5.6	5	2
2040	+47 8	5.8	6.6	+2	6.8	10	3
2039	+47 9	5.8	6.3	+2	6.5	7	0
---	---	---	---	---	---	<u>22</u>	---

Mean/3

Plate 1209 J'

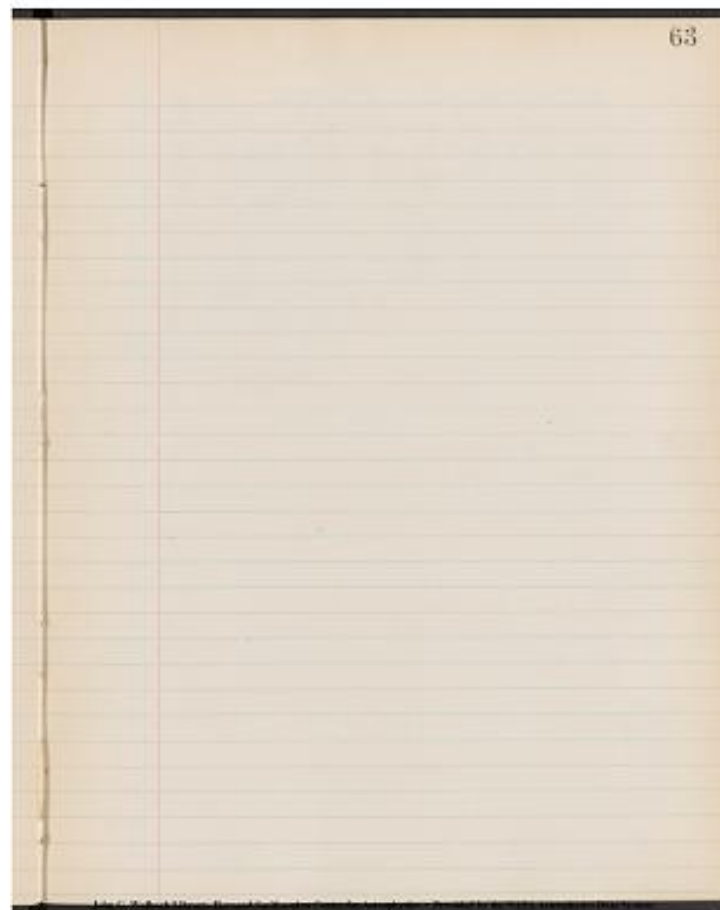
2054	+43 43	5.1	5.7	+2	5.9	8	2
2039	+47 9	5.8	6.0	+2	6.2	4	2
2040	+47 8	[[bracketed with above column to match the same row numbers]]					
---	---	---	---	---	---	<u>2</u>	<u>12</u>
---	---	---	---	---	---	6	---

Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
 Plates #33  
 Transcribed and Reviewed by Digital Volunteers  
 Extracted Aug-29-2022 02:30:57

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[[No Entries]]

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Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
Transcribed and Reviewed by Digital Volunteers  
Extracted Aug-29-2022 02:30:57

Book 13 F.

Plate 1127 F.

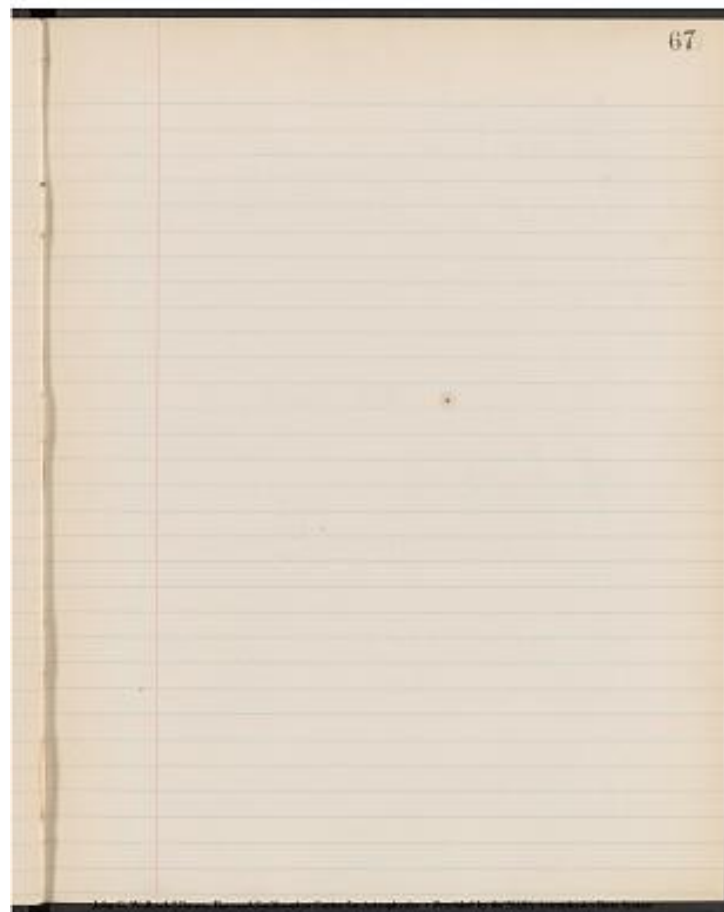
[14 columned table]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
3	2117	+26 35	5.2	6.3	+1	6.6	14
5	3	2117	+26 35	5.2	6.3	+1	6.6
2	2103	+26 46	5.1	6.6	+1	6.7	16
7	5	2103	+26 46	5.1	6.6	+1	6.7
6	2098	+26 31	4.8	6.7	+1	6.8	12
2	2119	+21 34	5.7	5.6	0	5.8	10
3	2125	+25 14	5.5	5.6	0	5.6	10
8	10	2125	+25 14	5.5	5.6	0	5.6
13	13	2125	+25 14	5.5	5.6	0	5.6
9	9	2125	+25 14	5.5	5.6	0	5.6
11	11	2125	+25 14	5.5	5.6	0	5.6
14	14	2125	+25 14	5.5	5.6	0	5.6
17	17	2125	+25 14	5.5	5.6	0	5.6
21	21	2125	+25 14	5.5	5.6	0	5.6
24	24	2125	+25 14	5.5	5.6	0	5.6
27	27	2125	+25 14	5.5	5.6	0	5.6
30	30	2125	+25 14	5.5	5.6	0	5.6
33	33	2125	+25 14	5.5	5.6	0	5.6
36	36	2125	+25 14	5.5	5.6	0	5.6
39	39	2125	+25 14	5.5	5.6	0	5.6
42	42	2125	+25 14	5.5	5.6	0	5.6
45	45	2125	+25 14	5.5	5.6	0	5.6
48	48	2125	+25 14	5.5	5.6	0	5.6
51	51	2125	+25 14	5.5	5.6	0	5.6
54	54	2125	+25 14	5.5	5.6	0	5.6
57	57	2125	+25 14	5.5	5.6	0	5.6
60	60	2125	+25 14	5.5	5.6	0	5.6
63	63	2125	+25 14	5.5	5.6	0	5.6
66	66	2125	+25 14	5.5	5.6	0	5.6
69	69	2125	+25 14	5.5	5.6	0	5.6
72	72	2125	+25 14	5.5	5.6	0	5.6
75	75	2125	+25 14	5.5	5.6	0	5.6
78	78	2125	+25 14	5.5	5.6	0	5.6
81	81	2125	+25 14	5.5	5.6	0	5.6
84	84	2125	+25 14	5.5	5.6	0	5.6
87	87	2125	+25 14	5.5	5.6	0	5.6
90	90	2125	+25 14	5.5	5.6	0	5.6
93	93	2125	+25 14	5.5	5.6	0	5.6
96	96	2125	+25 14	5.5	5.6	0	5.6
99	99	2125	+25 14	5.5	5.6	0	5.6
102	102	2125	+25 14	5.5	5.6	0	5.6
105	105	2125	+25 14	5.5	5.6	0	5.6
108	108	2125	+25 14	5.5	5.6	0	5.6
111	111	2125	+25 14	5.5	5.6	0	5.6
114	114	2125	+25 14	5.5	5.6	0	5.6
117	117	2125	+25 14	5.5	5.6	0	5.6
120	120	2125	+25 14	5.5	5.6	0	5.6
123	123	2125	+25 14	5.5	5.6	0	5.6
126	126	2125	+25 14	5.5	5.6	0	5.6
129	129	2125	+25 14	5.5	5.6	0	5.6
132	132	2125	+25 14	5.5	5.6	0	5.6
135	135	2125	+25 14	5.5	5.6	0	5.6
138	138	2125	+25 14	5.5	5.6	0	5.6
141	141	2125	+25 14	5.5	5.6	0	5.6
144	144	2125	+25 14	5.5	5.6	0	5.6
147	147	2125	+25 14	5.5	5.6	0	5.6
150	150	2125	+25 14	5.5	5.6	0	5.6
153	153	2125	+25 14	5.5	5.6	0	5.6
156	156	2125	+25 14	5.5	5.6	0	5.6
159	159	2125	+25 14	5.5	5.6	0	5.6
162	162	2125	+25 14	5.5	5.6	0	5.6
165	165	2125	+25 14	5.5	5.6	0	5.6
168	168	2125	+25 14	5.5	5.6	0	5.6
171	171	2125	+25 14	5.5	5.6	0	5.6
174	174	2125	+25 14	5.5	5.6	0	5.6
177	177	2125	+25 14	5.5	5.6	0	5.6
180	180	2125	+25 14	5.5	5.6	0	5.6
183	183	2125	+25 14	5.5	5.6	0	5.6
186	186	2125	+25 14	5.5	5.6	0	5.6
189	189	2125	+25 14	5.5	5.6	0	5.6
192	192	2125	+25 14	5.5	5.6	0	5.6
195	195	2125	+25 14	5.5	5.6	0	5.6
198	198	2125	+25 14	5.5	5.6	0	5.6
201	201	2125	+25 14	5.5	5.6	0	5.6
204	204	2125	+25 14	5.5	5.6	0	5.6
207	207	2125	+25 14	5.5	5.6	0	5.6
210	210	2125	+25 14	5.5	5.6	0	5.6
213	213	2125	+25 14	5.5	5.6	0	5.6
216	216	2125	+25 14	5.5	5.6	0	5.6
219	219	2125	+25 14	5.5	5.6	0	5.6
222	222	2125	+25 14	5.5	5.6	0	5.6
225	225	2125	+25 14	5.5	5.6	0	5.6
228	228	2125	+25 14	5.5	5.6	0	5.6
231	231	2125	+25 14	5.5	5.6	0	5.6
234	234	2125	+25 14	5.5	5.6	0	5.6
237	237	2125	+25 14	5.5	5.6	0	5.6
240	240	2125	+25 14	5.5	5.6	0	5.6
243	243	2125	+25 14	5.5	5.6	0	5.6
246	246	2125	+25 14	5.5	5.6	0	5.6
249	249	2125	+25 14	5.5	5.6	0	5.6
252	252	2125	+25 14	5.5	5.6	0	5.6
255	255	2125	+25 14	5.5	5.6	0	5.6
258	258	2125	+25 14	5.5	5.6	0	5.6
261	261	2125	+25 14	5.5	5.6	0	5.6
264	264	2125	+25 14	5.5	5.6	0	5.6
267	267	2125	+25 14	5.5	5.6	0	5.6
270	270	2125	+25 14	5.5	5.6	0	5.6
273	273	2125	+25 14	5.5	5.6	0	5.6
276	276	2125	+25 14	5.5	5.6	0	5.6
279	279	2125	+25 14	5.5	5.6	0	5.6
282	282	2125	+25 14	5.5	5.6	0	5.6
285	285	2125	+25 14	5.5	5.6	0	5.6
288	288	2125	+25 14	5.5	5.6	0	5.6
291	291	2125	+25 14	5.5	5.6	0	5.6
294	294	2125	+25 14	5.5	5.6	0	5.6
297	297	2125	+25 14	5.5	5.6	0	5.6
300	300	2125	+25 14	5.5	5.6	0	5.6
303	303	2125	+25 14	5.5	5.6	0	5.6
306	306	2125	+25 14	5.5	5.6	0	5.6
309	309	2125	+25 14	5.5	5.6	0	5.6
312	312	2125	+25 14	5.5	5.6	0	5.6
315	315	2125	+25 14	5.5	5.6	0	5.6
318	318	2125	+25 14	5.5	5.6	0	5.6
321	321	2125	+25 14	5.5	5.6	0	5.6
324	324	2125	+25 14	5.5	5.6	0	5.6
327	327	2125	+25 14	5.5	5.6	0	5.6
330	330	2125	+25 14	5.5	5.6	0	5.6
333	333	2125	+25 14	5.5	5.6	0	5.6
336	336	2125	+25 14	5.5	5.6	0	5.6
339	339	2125	+25 14	5.5	5.6	0	5.6
342	342	2125	+25 14	5.5	5.6	0	5.6
345	345	2125	+25 14	5.5	5.6	0	5.6
348	348	2125	+25 14	5.5	5.6	0	5.6
351	351	2125	+25 14	5.5	5.6	0	5.6
354	354	2125	+25 14	5.5	5.6	0	5.6
357	357	2125	+25 14	5.5	5.6	0	5.6
360	360	2125	+25 14	5.5	5.6	0	5.6
363	363	2125	+25 14	5.5	5.6	0	5.6
366	366	2125	+25 14	5.5	5.6	0	5.6
369	369	2125	+25 14	5.5	5.6	0	5.6
372	372	2125	+25 14	5.5	5.6	0	5.6
375	375	2125	+25 14	5.5	5.6	0	5.6
378	378	2125	+25 14	5.5	5.6	0	5.6
381	381	2125	+25 14	5.5	5.6	0	5.6
384	384	2125	+25 14	5.5	5.6	0	5.6
387	387	2125	+25 14	5.5	5.6	0	5.6
390	390	2125	+25 14	5.5	5.6	0	5.6
393	393	2125	+25 14	5.5	5.6	0	5.6
396	396	2125	+25 14	5.5	5.6	0	5.6
399	399	2125	+25 14	5.5	5.6	0	5.6
402	402	2125	+25 14	5.5	5.6	0	5.6
405	405	2125	+25 14	5.5	5.6	0	5.6
408	408	2125	+25 14	5.5	5.6	0	5.6
411	411	2125	+25 14	5.5	5.6	0	5.6
414	414	2125	+25 14	5.5	5.6	0	5.6
417	417	2125	+25 14	5.5	5.6	0	5.6
420	420	2125	+25 14	5.5	5.6	0	5.6
423	423	2125	+25 14	5.5	5.6	0	5.6
426	426	2125	+25 14	5.5	5.6	0	5.6
429	429	2125	+25 14	5.5	5.6	0	5.6
432	432	2125	+25 14	5.5	5.6	0	5.6
435	435	2125	+25 14	5.5	5.6	0	5.6
438	438	2125	+2				

67

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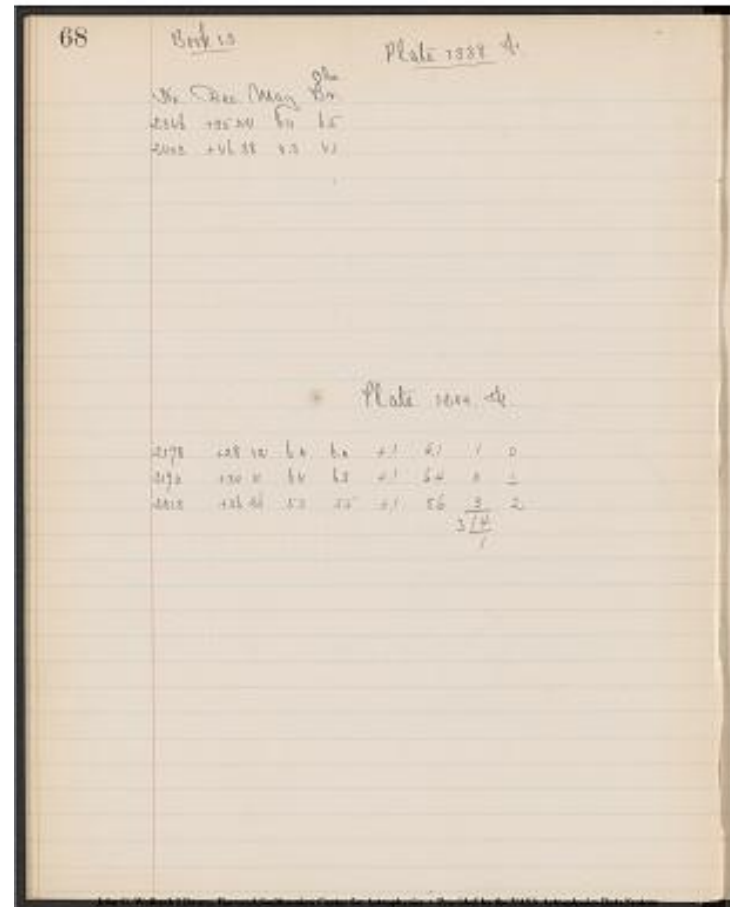
Book 13  
 Plate 1338 J.  
 Obs.

No.	Dec.	Mag.	Br.
2346	+35221	6.4	6.5
2403	+4638	4.3	4.1

Plate 1204. J.

2178	+28 121	6.0	6.0	+	6.1	1	0
2190	+34 11	6.4	6.3	+	6.4	0	1
2213	+36 26	5.3	5.5	+	5.6	3	2
3	4						
1							

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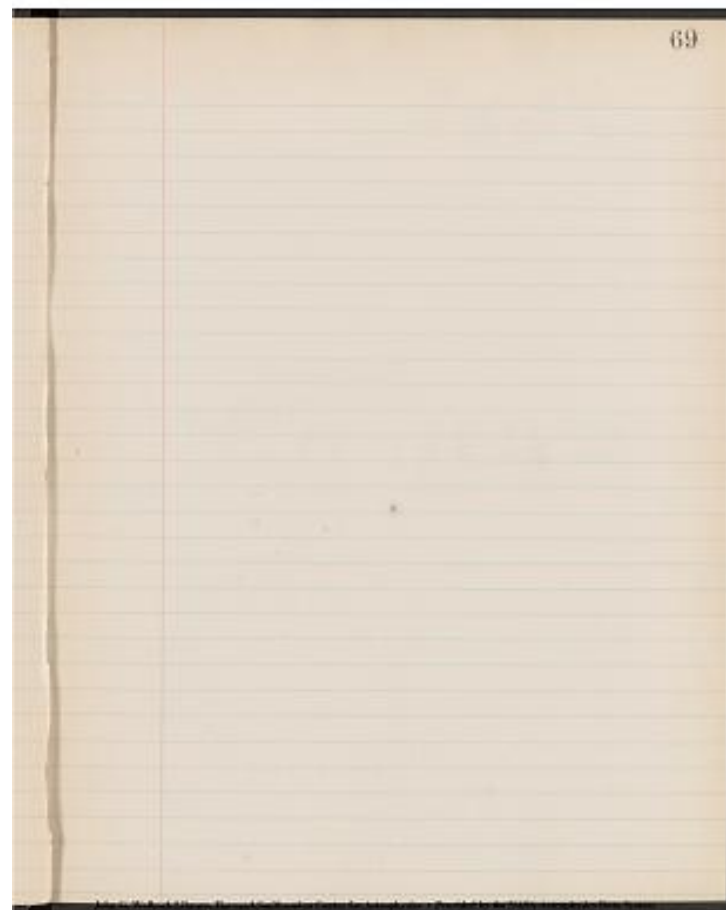


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Book 13

Plate 1141 J.

Obs.

No. Dec. Mag. Br.  
2266 | +24 | 28 | 3.9 | 6.7

Plate 1243 J.

2178 | +28 121 | 6.0 | 6.5 | +1 | 6.6 | 6 | 3

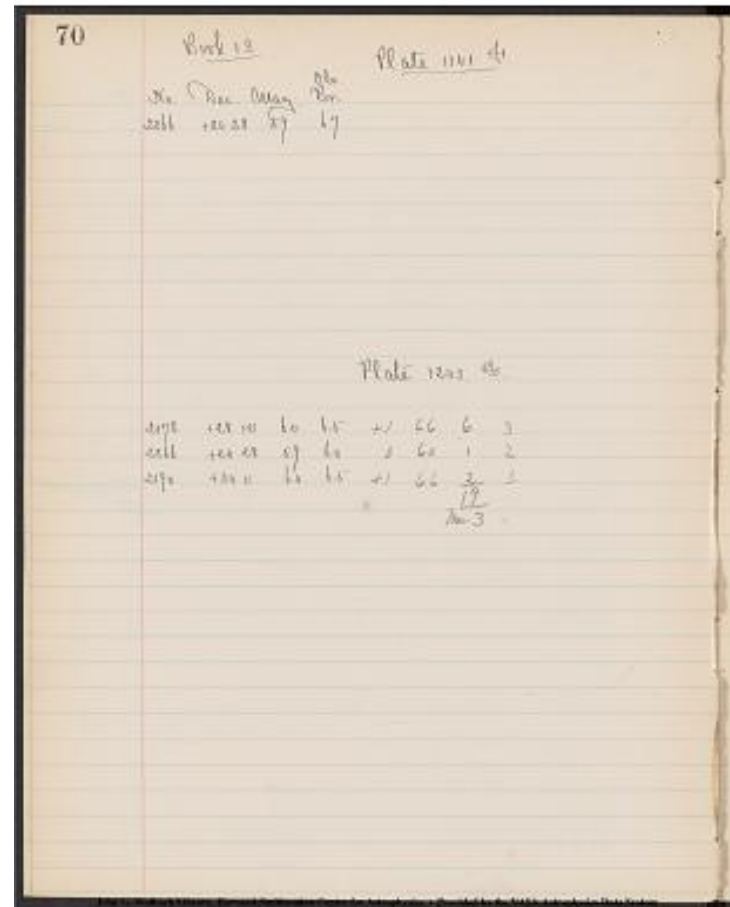
2266 | +24 28 | 5.9 | 6.0 | 0 | 6.0 | 1 | 2

2190 | +34 11 | 6.4 | 6.5 | +1 | 6.6 | 2 | 1

19

Max 3

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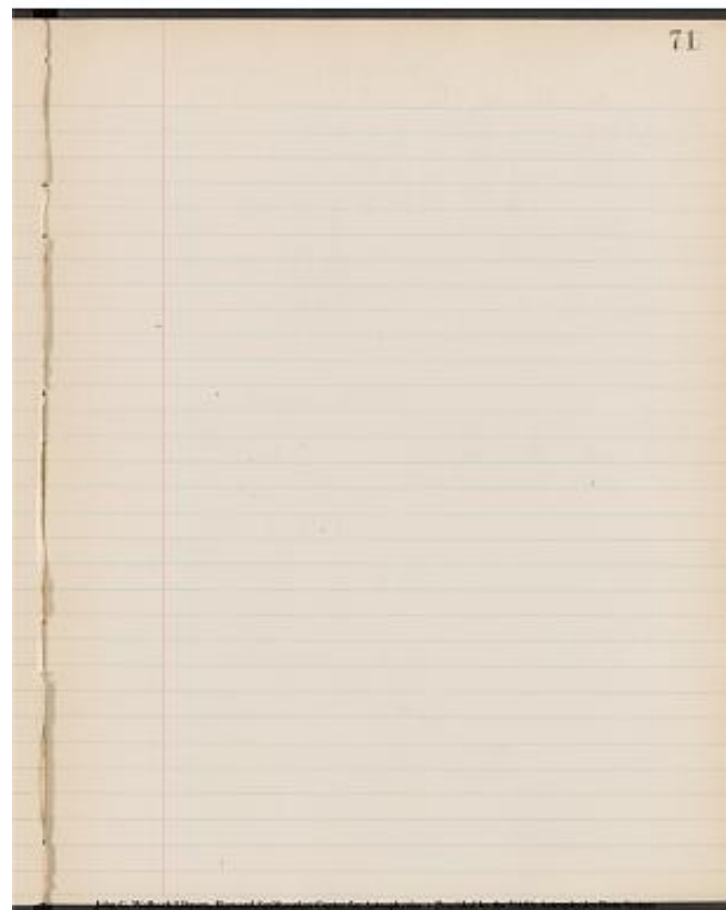


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Book 13

Plate 1183 J'.

Obs. | Obs. Br.

No. | Dec. | Mag. | Br. | Cord. | Cord.(+ above) | Diff. | Reud.

3	2241	+41 30	5.7	6.2	+2	6.4	7	8
3	2259	+44 32	6.4	6.2	+2	6.4	0	1
3	2254	+35 45	6.7	6.0	+1	6.1	-6	5
3	2304	+36 54	5.0	4.8	+1	4.9	-1	0
3	2213	+36 26	5.3	4.9	+1	5.0	-3	2
3	2295	+39 25	6.3	6.2	+1	6.3	0	1
3	2228	+39 10	6.3	6.0	+1	6.1	-2	1
3	2299	+49 38	4.8	4.4	+2	4.6	-2	1
3	2253	+50 19	5.2	4.7	+2	4.9	-3	2

[strikethrough] 11 [strikethrough] 7 | 10-11

-17 | 9

- [strikethrough] 6 [strikethrough] 10

Mean: -.1

Plate 1211. J'.

3	2259	+44 32	6.4	5.8	+2	6.0	-4	2
3	2300	+44 49	6.5	6.3	+2	6.5	0	2
3	2213	+36 26	5.3	4.9	+1	5.0	-3	1
3	2295	+39 25	6.3	6.1	+1	6.2	-1	1
3	2228	+39 10	6.3	5.7	+1	6.0	-3	1
3	2299	+49 38	4.8	4.5	+2	4.7	-1	1
3	2253	+50 19	5.2	4.8	+2	5.0	-2	0

-14 | 4-4

7

Mean: -.2

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Book 13

Plate 1183  $\frac{4}{5}$

No. Dec. Mag.  $\frac{Br}{Cord.}$   $\frac{Cord.}{Cord. (+ above)}$   $\frac{Diff.}{Reud.}$

3	2241	+41 30	5.7	6.2	+2	6.4	7
3	2259	+44 32	6.4	6.2	+2	6.4	0
3	2254	+35 45	6.7	6.0	+1	6.1	-6
3	2304	+36 54	5.0	4.8	+1	4.9	-1
3	2213	+36 26	5.3	4.9	+1	5.0	-3
3	2295	+39 25	6.3	6.2	+1	6.3	0
3	2228	+39 10	6.3	6.0	+1	6.1	-2
3	2299	+49 38	4.8	4.4	+2	4.6	-2
3	2253	+50 19	5.2	4.7	+2	4.9	-3

$\frac{117}{-17} \frac{10-11}{7}$   
-8.10

Mean: -.1

Plate 1211  $\frac{4}{5}$

3	2259	+44 32	6.4	5.8	+2	6.0	-4
3	2300	+44 49	6.5	6.3	+2	6.5	0
3	2213	+36 26	5.3	4.9	+1	5.0	-3
3	2295	+39 25	6.3	6.1	+1	6.2	-1
3	2228	+39 10	6.3	5.7	+1	6.0	-3
3	2299	+49 38	4.8	4.5	+2	4.7	-1
3	2253	+50 19	5.2	4.8	+2	5.0	-2

$\frac{-14}{7} \frac{5-6}{7}$

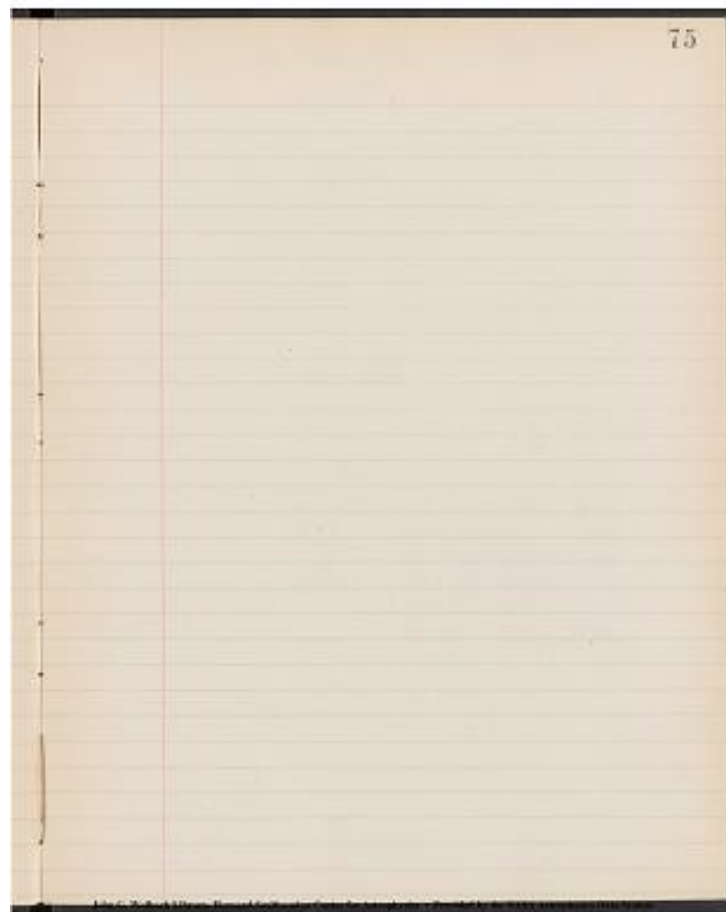
Mean: -.2

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Book 13

Plate 1143 J'

Obs. No.	Obs. Br.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
2310		+20 34	5.7			6.7	
2368		+22 17	5.3			6.6	

Plate 1205 J'.

3	2355	+29 14	5.8	6.2	+1	6.3	5	3
3	2310	+20 34	5.7	5.6	0	5.6	1	3
3	2368	+22 17	5.3	5.6	0	5.6	3	1
3	2246	+35 22	6.4	6.4	+1	6.5	1	1
<del>2304</del>	<del>+36 54</del>	<del>5.0</del>	<del>6.2</del>	<del>9</del>	<del>4-4</del>			
<del>2299</del>	<del>+49 38</del>	<del>4.8</del>	<del>5.5</del>	<del>-1/8</del>	<del>4</del>			
<del>2377</del>	<del>+51 34</del>	<del>6.2</del>	<del>6.8</del>	<del>Mean: 2</del>				
<del>2325</del>	<del>+52 38</del>	<del>5.9</del>	<del>6.5</del>					
<del>2309</del>	<del>+53 31</del>	<del>5.3</del>	<del>6.0</del>					

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76 Book 13 Plate 1143 J'

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
2310	+20 34	5.7			6.7	
2368	+22 17	5.3			6.6	

Plate 1205 J'

3	2355	+29 14	5.8	6.2	+1	6.3	5	3
3	2310	+20 34	5.7	5.6	0	5.6	1	3
3	2368	+22 17	5.3	5.6	0	5.6	3	1
3	2246	+35 22	6.4	6.4	+1	6.5	1	1
<del>2304</del>	<del>+36 54</del>	<del>5.0</del>	<del>6.2</del>	<del>9</del>	<del>4-4</del>			
<del>2299</del>	<del>+49 38</del>	<del>4.8</del>	<del>5.5</del>	<del>-1/8</del>	<del>4</del>			
<del>2377</del>	<del>+51 34</del>	<del>6.2</del>	<del>6.8</del>	<del>Mean: 2</del>				
<del>2325</del>	<del>+52 38</del>	<del>5.9</del>	<del>6.5</del>					
<del>2309</del>	<del>+53 31</del>	<del>5.3</del>	<del>6.0</del>					

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[[no entries]]



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[Book 13]  
Plate 1144 J'.

	No.	Dec.	Mag.	Obs. Br.	Cord.	Obs. Br. + Cord.	Diff.	Reeid.
3	2304	+36 54	5.0	6.2	+1	6.3	13	3
3	2299	+49 38	4.8	5.5	+2	5.7	9	<u>1</u>
3	2377	+51 34	6.2	6.8	+3	7.1	9	<u>1</u>
3	2325	+52 38	5.9	6.5	+3	6.8	9	<u>1</u>
3	2309	+53 31	5.3	6.0	+3	6.3	10	0
3	2337	+55 2	5.6	6.2	+3	6.5	9	<u>1</u>
3	2398	+55 58	5.5	6.2	+3	6.5	10	0
3	2267	+55 37	4.2	5.2	+3	5.3	<u>11</u>	<u>1</u>
							80	<u>4-4</u>
								8
Mean = 10								

Plate 1184. J'.

2375	+27 58	6.1	6.5
2355	+29 14	5.8	6.4

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Book 13

Plate 1144 J'

No.	Dec.	Mag.	Obs. Br.	Cord.	Obs. Br. + Cord.	Diff.	Reeid.
2304	+36 54	5.0	6.2	+1	6.3	13	3
2299	+49 38	4.8	5.5	+2	5.7	9	<u>1</u>
2377	+51 34	6.2	6.8	+3	7.1	9	<u>1</u>
2325	+52 38	5.9	6.5	+3	6.8	9	<u>1</u>
2309	+53 31	5.3	6.0	+3	6.3	10	0
2337	+55 2	5.6	6.2	+3	6.5	9	<u>1</u>
2398	+55 58	5.5	6.2	+3	6.5	10	0
2267	+55 37	4.2	5.2	+3	5.3	<u>11</u>	<u>1</u>
						80	<u>4-4</u>
							8
Mean = 10							

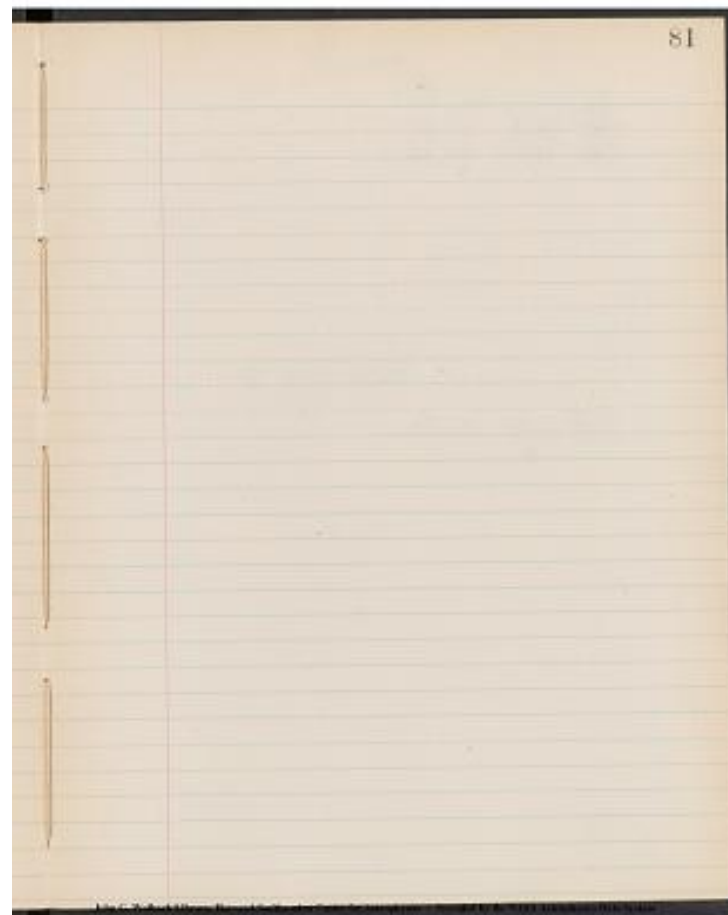
Plate 1184 J'

2375	+27 58	6.1	6.5
2355	+29 14	5.8	6.4

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[[no entries]]



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Book 13

Plate 1213 J'.

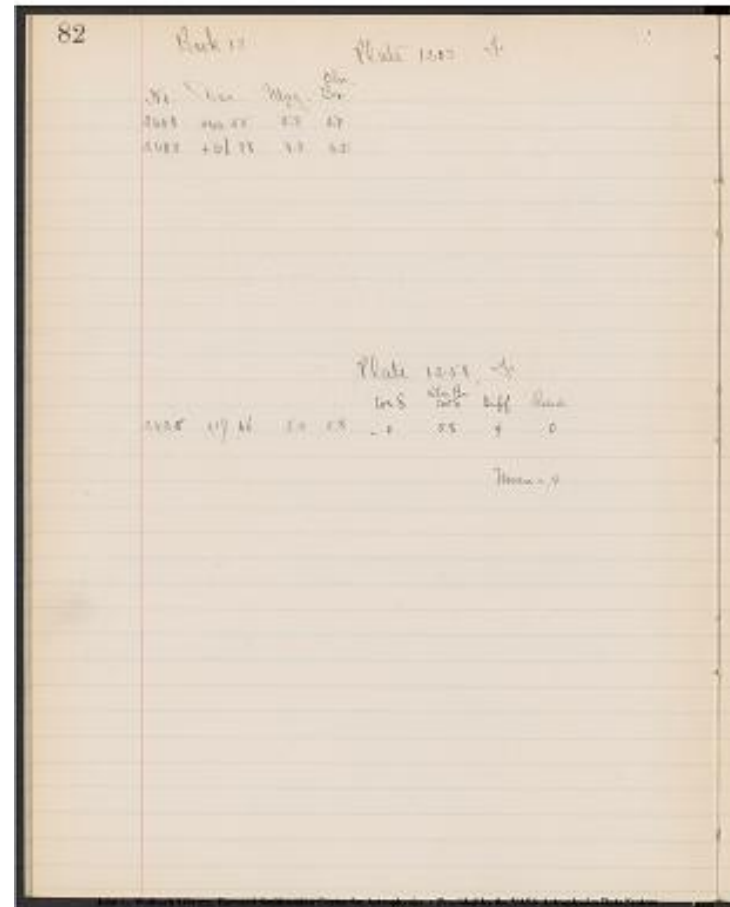
No.	Dec.	Mag.	Obs. Br.
2448	+44 55	5.3	5.1
2403	+46 38	4.3	4.2

Plate 1258. J'.

Cor. S	Obs. Br.	Cor. S	Diff	Resize
2425	+19 46	5.4	5.8	-0   5.8   4   0

Mean = .4

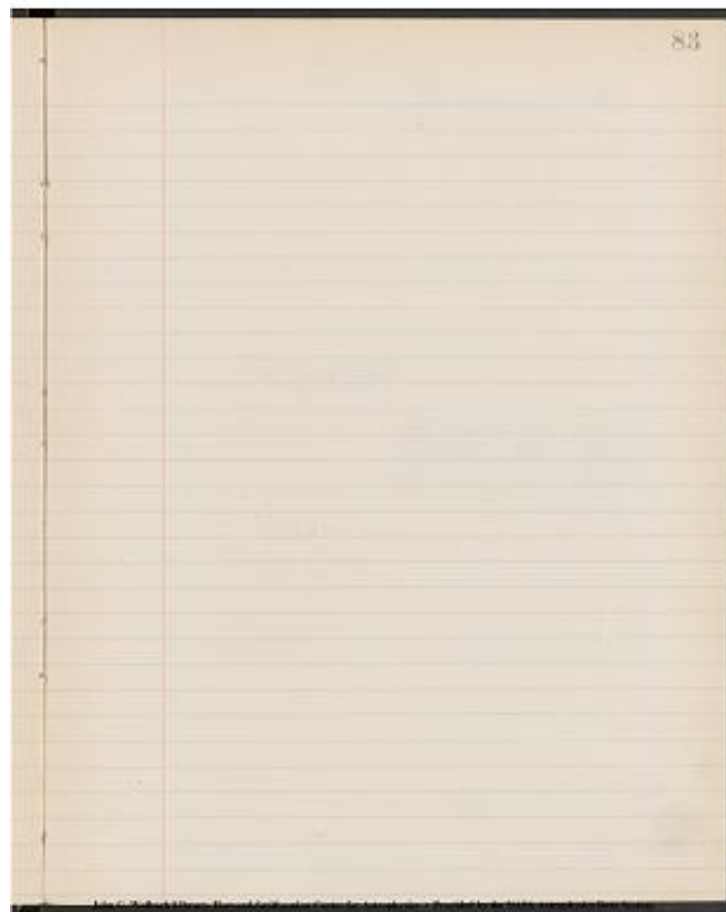
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[[no entries]]



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Book 13  
Plate 1339. J'.

No.	Dec.	Mag.	Obs. Br.	Cor S	Obs. Br + Cor. S	Diff	Resid
2425	+19 46	5.4	5.8	-0	5.8	4	0

Mean = +.4

Plate 1147 J'.

Cor S	Obs. Br	Cor + S	Diff	Resid.
2403	+46 38	4.3	6.0	+2
2395	+52 21	4.4	6.0	+3
2448	+44 55	5.3	6.7	+2

16  
2  
54  
 Mean 18

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Book 13

Plate 1339 J'

No.	Dec.	Mag.	Obs. Br.	Cor S	Obs. Br + Cor. S	Diff	Resid.
2425	+19 46	5.4	5.8	-0	5.8	4	0

Mean = +.4

Plate 1147 J'

Cor S	Obs. Br	Cor + S	Diff	Resid.
2403	+46 38	4.3	6.0	+2
2395	+52 21	4.4	6.0	+3
2448	+44 55	5.3	6.7	+2

16  
2  
54  
 Mean 18

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Book 13  
Plate 1259 J'. [underlined]

	No.	Dec.	Mag.	Obs. Br.	Cor. S.	Obs. Br. + Cor. S.	Diff.	Reid.
3	2403	+46 38	4.3	4.9	+2	5.1	8	1
3	2436	+38 50	3.1	4.2	+1	4.3	12	5
3	2414	+39 22	5.9	6.3	+1	6.4	5	<u>2</u>
3	2404	+51 55	4.8	5.2	+3	5.5	7	0
3	2377	+51 34	6.2	6.0	+3	6.3	1	<u>6</u>
3	2395	+52 21	4.4	5.0	+3	5.3	9	2
3	2447	+54 32	5.6	5.8	+3	6.1	5	<u>2</u>
3	2448	+44 55	5.3	5.7	+2	5.9	<u>6</u>	<u>1</u>
							53	<u>8-11</u>
								8

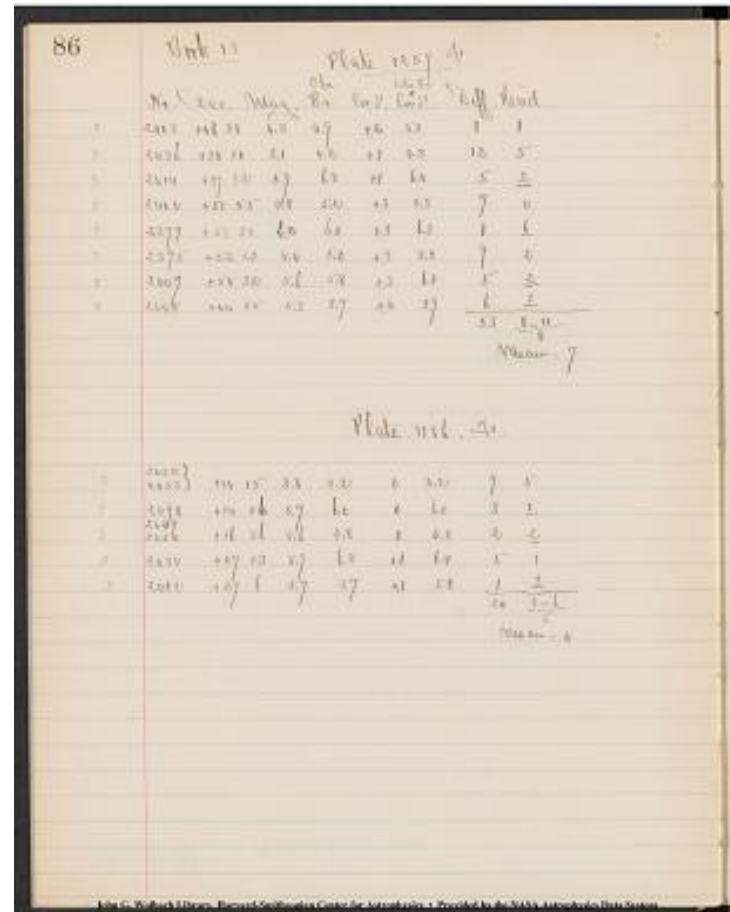
Mean = 7

Plate 1186. J'.

3	2452	2453	[[numbers bracketed together for the same row]]						+14
15	3.8	4.2	0	4.2	9	5			
3	2498	+14 56	5.7	6.0	0	6.0	3	<u>1</u>	
3	2449	2450	+16 56	4.6	4.8	0	4.8	<u>2</u>	
								<u>2</u>	
3	2434	+27 13	5.9	6.3	+1	6.4	5	1	
3	2482	+29 6	5.7	5.7	+1	5.8	<u>1</u>	<u>3</u>	
							20	<u>6-6</u>	
								5	

Mean = 4

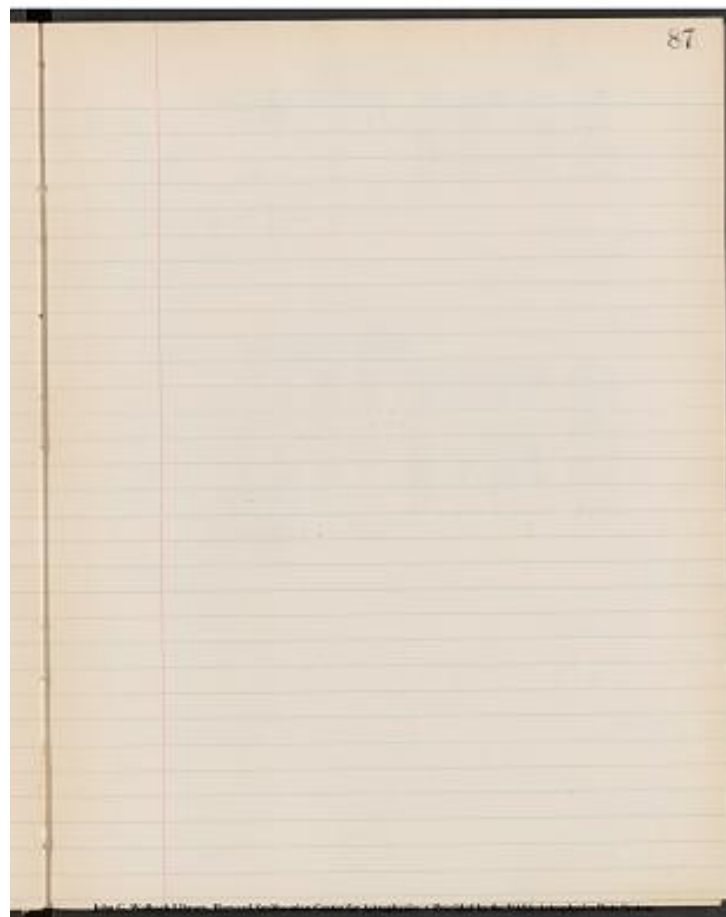
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[[no entries]]



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Book 13  
Plate 1187 J.

No.	Dec.	Mag.	Obs. Br.	Cord.	Obs. Br. + Cord.	Diff.	Reeid.
2448	+44 55	5.3	5.4	+2	5.6	3	1
2511	+47 45	6.2	6.1	+2	6.3	1	<u>1</u>
2523	+48 38	5.6	5.7	+2	5.9	<u>3</u>	<u>1</u>
							<u>7</u>

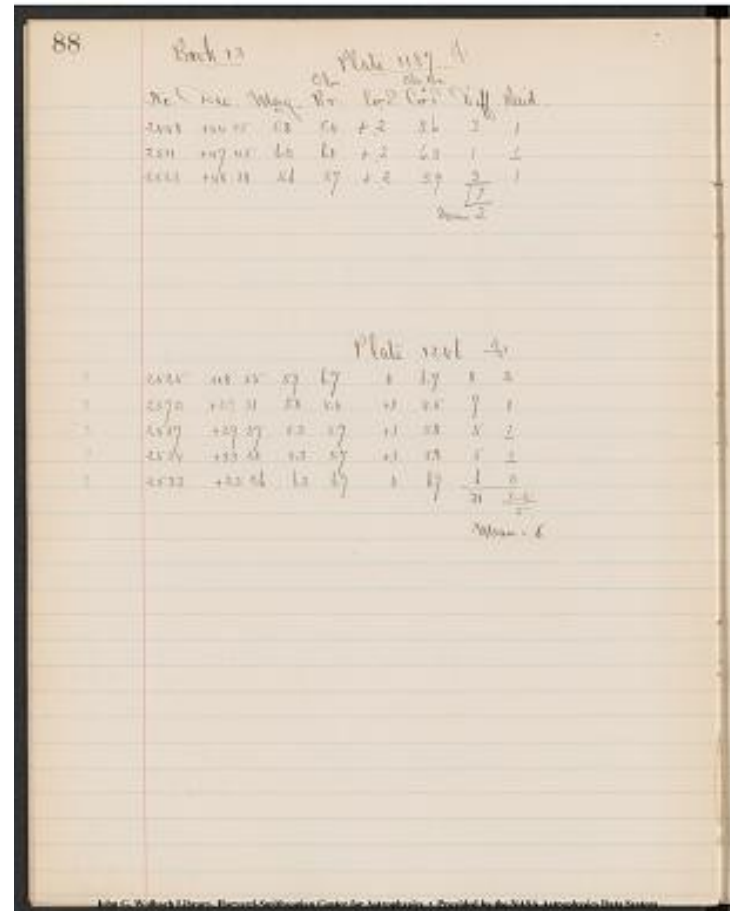
Mean 2

Plate 1246 J'.

2525	+18 55	5.9	6.7	0	6.7	8	2
2572	+29 31	3.8	4.4	+1	4.5	7	1
2537	+29 37	5.3	5.7	+1	5.8	5	<u>1</u>
2554	+33 21	5.3	5.7	+1	5.8	4	<u>1</u>
2533	+23 26	6.3	6.9	0	6.9	<u>6</u>	<u>0</u>
							31
							<u>3-2</u>
							5

Mean = 8

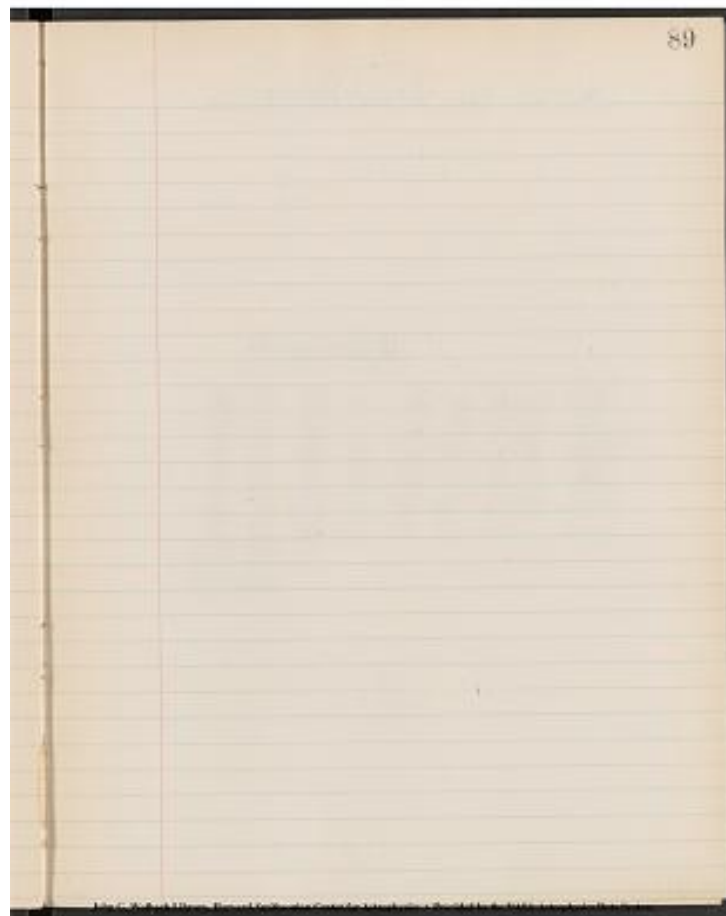
John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics  
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Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
 Plates #33  
 Transcribed and Reviewed by Digital Volunteers  
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89

[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
Transcribed and Reviewed by Digital Volunteers  
Extracted Aug-29-2022 02:30:57

Book 13  
Plate 1223 J'.

| No. | Dec. | Mag. | Obs. Br. | Cord. | Obs. Br. + Cord. | Diff. | Reed. |

Plate 1247 J'.

2574	+47 38	5.9	6.8	+2	7.0	11	5
2511	+47 45	6.2	6.5	+2	6.7	5	<u>1</u>
2323	+48 38	5.6	5.5	+2	5.7	1	<u>5</u>
2584	+41 18	5.0	5.7	+2	5.9	9	3
2552	+52 25	5.6	5.5	+3	5.8	2	<u>4</u>
2447	+54 32	5.6	5.8	+3	6.1	<u>5</u>	<u>1</u>
---	---	---	---	---	---	33	<u>8-11</u>
---	---	---	---	---	---	6	

Mean = 6

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90 Book 13

Plate 1223 J'

No. Dec. Mag. Obs. Br. Cord. Obs. Br. + Cord. Diff. Reed.

Plate 1247 J'

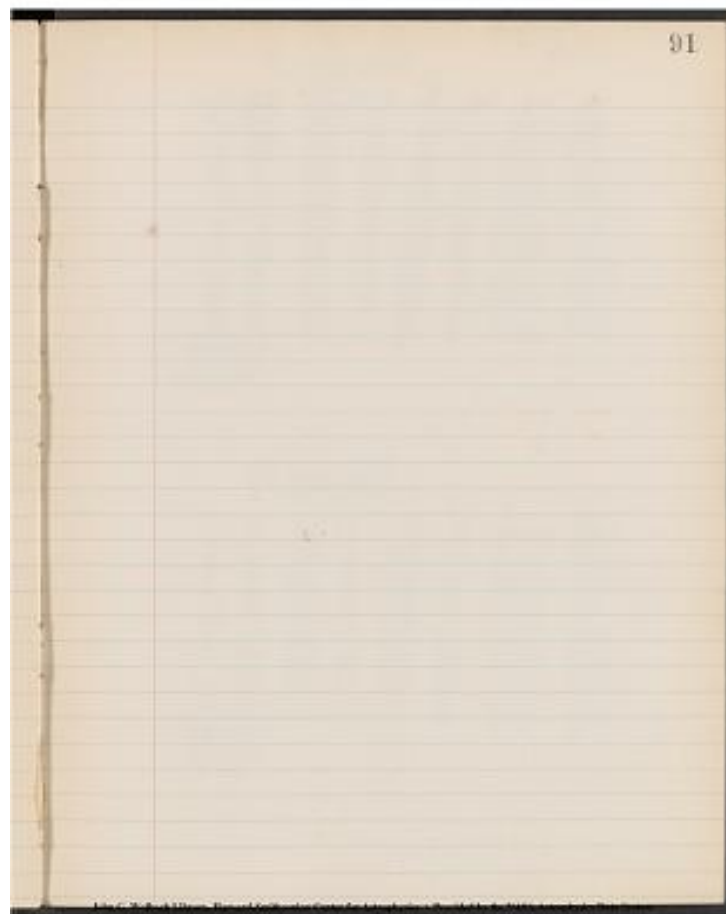
2574	+47 38	5.9	6.8	+2	7.0	11	5
2511	+47 45	6.2	6.5	+2	6.7	5	1
2323	+48 38	5.6	5.5	+2	5.7	1	5
2584	+41 18	5.0	5.7	+2	5.9	9	3
2552	+52 25	5.6	5.5	+3	5.8	2	4
2447	+54 32	5.6	5.8	+3	6.1	5	1
---	---	---	---	---	---	33	8-11
---	---	---	---	---	---	6	

Mean = 6

Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
 Plates #33  
 Transcribed and Reviewed by Digital Volunteers  
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[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
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[Book 13]  
Plate 1261. J'.

Reid.	No.	Dec.	Mag.	Obs. Br.	Cor. S.	Obs. Br. + Cor. S.	Diff.
3	2620	+13 14	5.1	5.8	0	5.8	7   2
3	2533	+23 26	6.3	7.0	0	7.0	7   2
3	2625	+26 41	4.2	4.4	+1	4.5	3   [ <u>2</u> ] [ <u>2</u> ]
3	2581	+16 28	6.2	6.4	0	6.4	2   [ <u>3</u> ] [ <u>3</u> ]
3	2629	+17 38	5.7	6.5	0	6.5	8   3
3	2622	+18 52	5.8	6.4	0	6.4	6   1
3	2572	+29 31	3.8	4.6	+1	4.7	9   4
3	2537	+29 37	5.3	5.6	+1	5.7	4   [ <u>1</u> ] [ <u>1</u> ]
3	2621	+20 3	4.6	4.9	0	4.9	3   2   [ <u>2</u> ] [ <u>2</u> ]
							49   [ <u>12-8</u> ]
							9

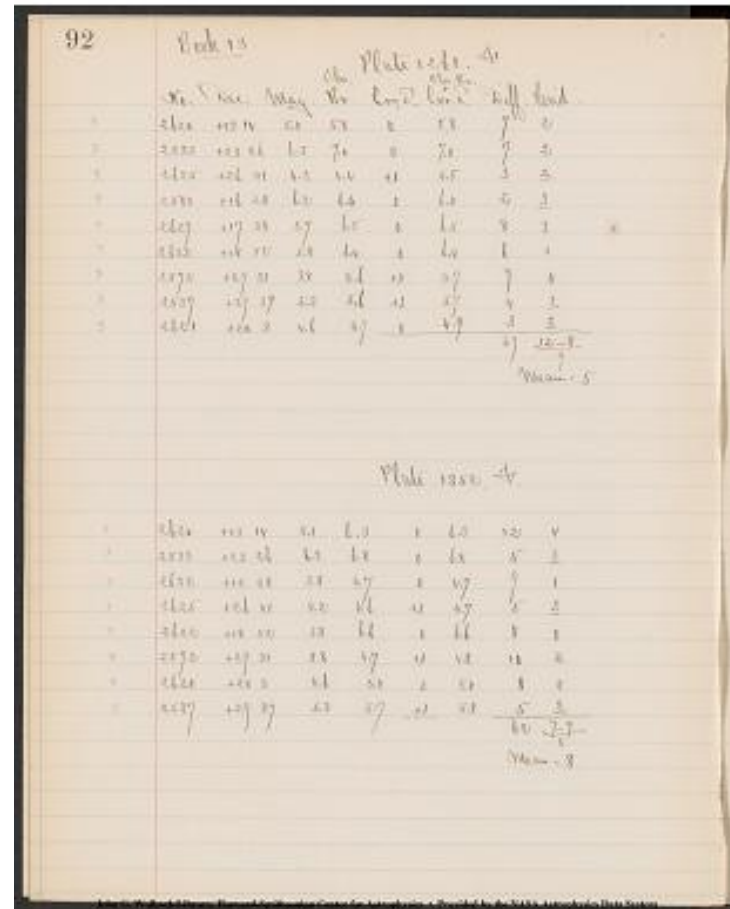
Mean = 5

Plate 1352. J'.

3	2620	+13 14	5.1	6.3	0	6.3	12   4
3	2533	+23 26	6.3	6.8	0	6.8	5   [ <u>3</u> ] [ <u>3</u> ]
3	2632	+15 48	3.8	4.7	0	4.7	9   1
3	2625	+26 41	4.2	4.6	+1	4.7	5   [ <u>3</u> ] [ <u>3</u> ]
3	2622	+18 52	5.8	6.6	0	6.6	8   0
3	2572	+29 31	3.8	4.7	+1	4.8	10   2
3	2621	+20 3	4.6	5.4	0	5.4	8   0
3	2537	+29 37	5.3	5.7	0	5.7	+1   [ <u>5.8</u> ]
							5   3   [ <u>5</u> ]
							62   [ <u>7-9</u> ] [ <u>7-9</u> ]
							8

Mean = 8

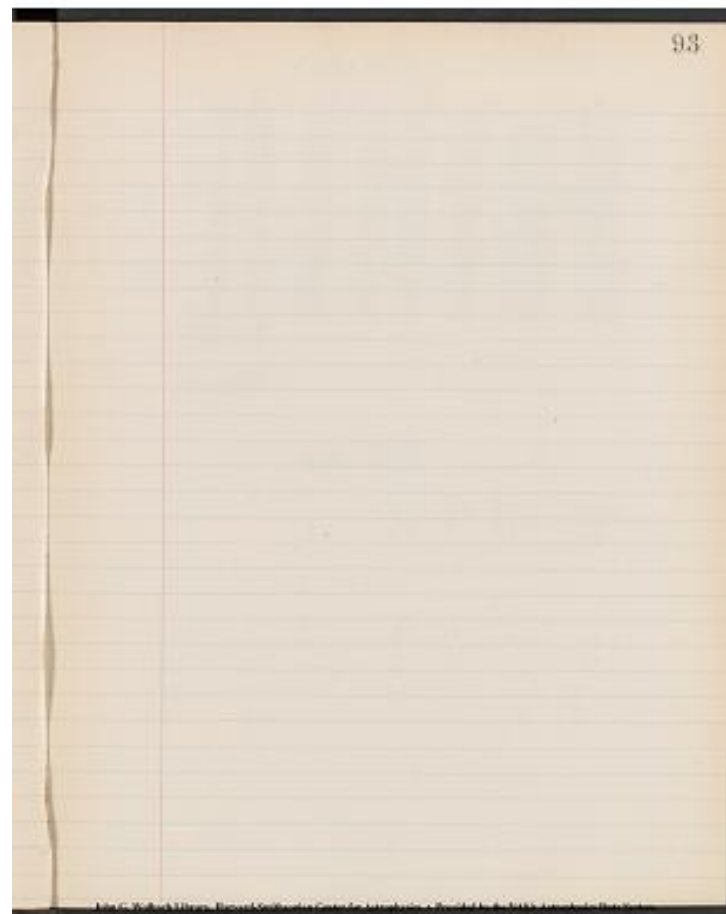
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Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
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[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
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Transcribed and Reviewed by Digital Volunteers  
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[Book 13]  
Plate 1262 J'.

---| No. | Dec. | Mag. | Obs. Br. | Cor. S. | Obs. Br. + Cor. S. | Diff. |  
Reid.

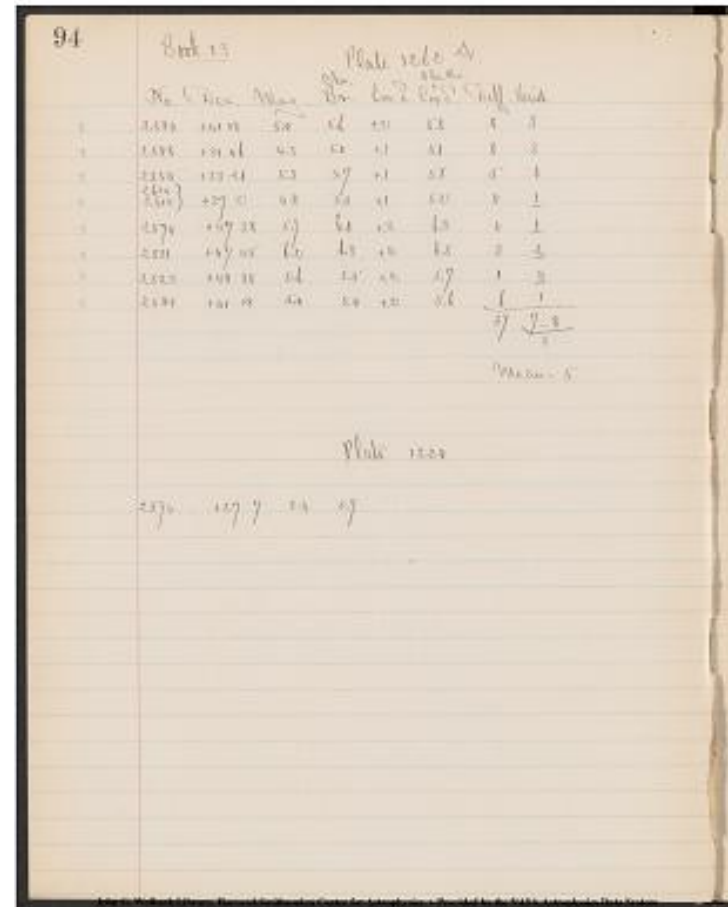
3	2584	+41 18	5.0	5.6	+2	5.8	8	3
3	2588	+31 46	4.3	5.0	+1	5.1	8	3
3	2554	+33 21	5.3	5.7	+1	5.8	5	0
3	2614 2615	[[bracketed together to have the same data for the row]]						
+37 2	4.8	5.1	+1	5.2	4	<u>1</u>	<u>1</u>	
3	2574	+47 38	5.9	6.1	+2	6.3	4	<u>1</u>
3	2511	+47 45	6.2	6.3	+2	6.5	3	<u>2</u>
3	2523	+48 38	5.6	5.5	+2	5.7	1	<u>4</u>
3	2584	+41 18	5.0	5.4	+2	5.6	<u>6</u>	<u>1</u>
---	---	---	---	---	---	39	<u>7-8</u>	<u>1</u>
---	---	---	---	---	---	8		

Mean = 5

Plate 1224

| 2594 | +27 7 | 2.4 | 5.9 |

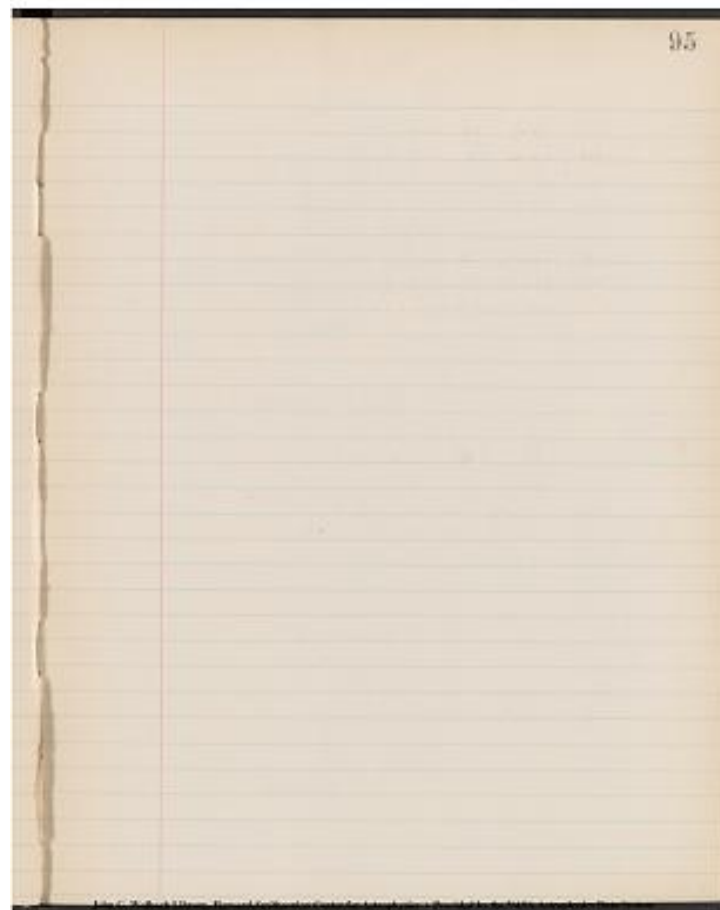
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Plates #33  
Transcribed and Reviewed by Digital Volunteers  
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[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
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[9 Column Table]

	No.	Dec.	Mag.	<u>Obs. Br.</u>	<u>Cord.</u>	Pbs.
Br.	+ Cord.	Diff.	Reaid.			
3	2625	+26 41	4.2	4.4	+1	4.5   3   <u>1</u>
3	2629	+17 28	5.7	6.8	0	6.8   11   7
3	2664	+18 58	6.4	6.5	0	6.5   1   <u>3</u>   <u>3</u>
3	2621	+20 3	4.6	4.7	0	4.7   1   <u>3</u>
3	2686	+30 11	5.1	5.5	+1	5.6   5   1
3	2588	+31 46	4.3	4.5	+1	4.6   3   <u>1</u>
3	2687	+23 8	5.0	5.4	0	5.4   <u>4</u>   <u>0</u>
						28   <u>equation</u>

Mean = 4

## Plate 1342 F

[9 Column Table]

3	<u>2641</u>	+37 21	4.8	5.0	+1	5.1   3   <u>1</u>
3	2584	+41 18	5.1	5.3	+2	5.5   4   0
3	2607	+52 28	6.2	6.8	+3	7.1   9   5
3	2552	+52 25	5.6	5.7	+3	6.0   4   0
3	2669	+42 54	5.7	5.8	+2	6.0   3   <u>1</u>
3	2630	+52 45	5.6	5.2	+3	5.5   <u>1</u>
3	2680	+55 5	5.0	5.2	+3	5.5   5   1
3	2608	+55 1	5.8	5.5	+3	5.8   0   <u>4</u>
3	2713	+45 15	4.2	4.5	+2	4.7   5   1
3	2642	+55 44	6.0	6.1	+3	6.4   4   0
3	2694	+46 22	4.7	5.0	+2	5.2   <u>5</u>   <u>1</u>
						<u>equation</u>   <u>equation</u>

Mean = 4

Handwritten astronomical data table from Project PHaEDRA, Plate 1341 F. The table contains 9 columns of data: No., Dec., Mag., Obs. Br., Cord., Pbs., and two additional columns for 'Br. + Cord.' and 'Diff. Reaid.'. The data is organized into two sections, Plate 1341 F and Plate 1342 F, with rows of star observations and a final row for the mean value.

Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum Plates #33  
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97

[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
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Book 19

Plate 1249 F.

[9 columned table]

No. | Dec. | Mag. | Obs. Br. | Cor. delta | Obs. Br. + Cor. delta | Diff. | Resid |

3	2687	+23 8	5.0	5.9	0	5.9	9	<u>1</u>
3	2757	+14 19	4.7	5.7	0	5.7	10	0
3	2718	+16 59	5.9	6.8	0	6.8	9	<u>1</u>
3	2747	+19 26	3.8	5.3	0	5.3	15	5
3	2733	+29 27	5.8	6.7	+1	6.8	10	0
3	2686	+30 11	5.1	5.8	+1	5.9	<u>8</u>	<u>2</u>

61  $\left[ \frac{\text{Sum}}{\text{Mean}} \right]$   
Mean = 10

Plate 1250 F.

[9 columned table]

3	2669	+42 54	5.7	6.0	+2	6.2	5	0
3	2713	+45 15	4.2	4.4	+2	4.6	4	<u>1</u>
3	2782	+45 53	5.3	6.1	+2	6.3	10	5
3	2694	+46 22	4.7	4.9	+2	5.1	4	<u>1</u>
3	2745	+46 36	3.9	4.0	+2	4.2	3	<u>2</u>
3	2682	+50 14	5.9	6.3	+2	6.5	<u>6</u>	<u>1</u>

32  $\left[ \frac{\text{Sum}}{\text{Mean}} \right]$   
Mean = 5

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Book 19

Plate 1249 F.

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid
3	2687	+23 8	5.0	5.9	0	5.9	9
3	2757	+14 19	4.7	5.7	0	5.7	10
3	2718	+16 59	5.9	6.8	0	6.8	9
3	2747	+19 26	3.8	5.3	0	5.3	15
3	2733	+29 27	5.8	6.7	+1	6.8	10
3	2686	+30 11	5.1	5.8	+1	5.9	8

61  $\left[ \frac{\text{Sum}}{\text{Mean}} \right]$   
Mean = 10

Plate 1250 F.

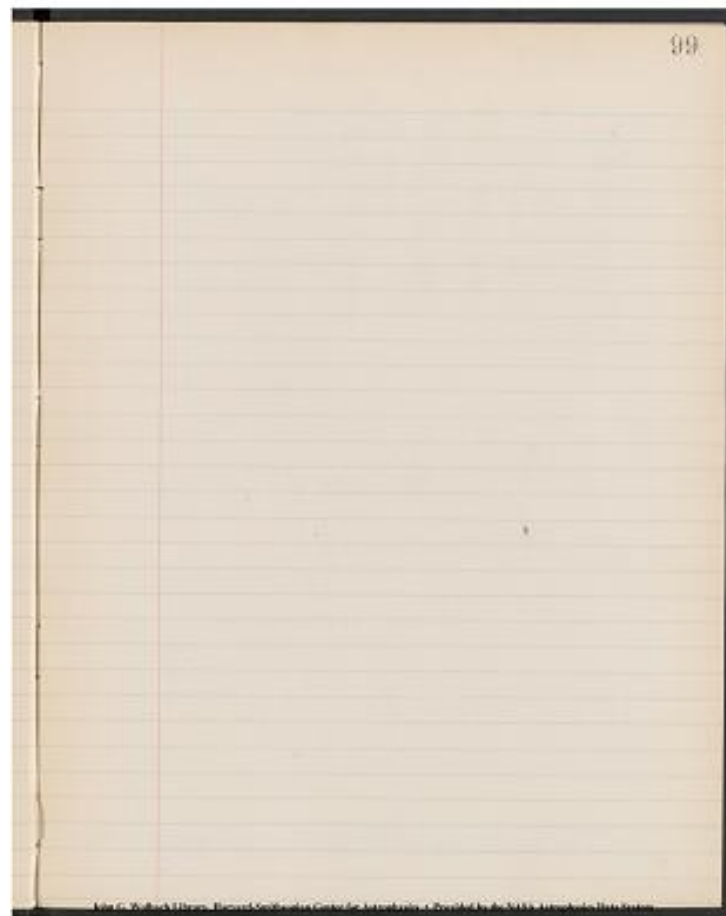
3	2669	+42 54	5.7	6.0	+2	6.2	5
3	2713	+45 15	4.2	4.4	+2	4.6	4
3	2782	+45 53	5.3	6.1	+2	6.3	10
3	2694	+46 22	4.7	4.9	+2	5.1	4
3	2745	+46 36	3.9	4.0	+2	4.2	3
3	2682	+50 14	5.9	6.3	+2	6.5	6

32  $\left[ \frac{\text{Sum}}{\text{Mean}} \right]$   
Mean = 5

Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
Transcribed and Reviewed by Digital Volunteers  
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[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
Transcribed and Reviewed by Digital Volunteers  
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100

Book 19

Plate 1329 F

[9 columned table]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid
3	2785	+17 18	6.1	6.7	0	6.7	6   2
3	*2718	+16 59	5.9	6.6	0	6.6	7   3
3	2718	+16 59	5.9	6.6	0	6.6	7   3
3	2664	+18 58	6.4	6.2	0	6.2	-2   <u>6</u>
3	2747	+19 26	3.8	4.4	0	4.4	6   2
3	2733	+29 27	5.8	5.9	+1	6.0	2   <u>2</u>
3	2753	+32 37	6.1	6.3	+1	6.4	3   <u>1</u>
3	2687	+23 8	5.0	5.3	0	5.3	3   <u>1</u>

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101

[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
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Book 19

Plate 1330 F.

[9 columned table]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid
3 2826 +46 12 5.0 5.4 +2 5.6	6	3					
3 2694 +46 22 4.7 5.0 +2 5.2	5	2					
3 2745 +46 36 3.9 4.1 +2 4.3	4	1					
3 2760 +37 40 5.5 5.9 +1 5.0	-						
5	9						
8							
3 2779 +49 14 6.1 6.2 +2 6.4	1	0					
3 2787 +42 42 4.2 4.3 +2 4.5	1	0					
3 2794 +33 10 5.2 4.4 +3 4.7	-						
5	9						
8							
3 2763 +55 29 5.7 5.5 +3 5.8	1	3					
2							
3 2713 +45 15 4.2 5.6 +2 5.8 (16)	12	(13)					
3 2680 +55 5 5.0 5.3 +3 5.6	6	3					
3 2782 +45 53 5.3 5.8 +2 6.0	7	4					
3 2826 +46 12 5.0 5.5 +2 5.7	4						
7	3	4					
58	17-18						
10							
48							
32							
Mean =	4	3					

|-----|

3|2826|+46 12|5.0|5.4|+2|5.6| 6|

3|2694|+46 22|4.7|5.0|+2|5.2| 5|

3|2745|+46 36|3.9|4.1|+2|4.3| 4|

3|2760|+37 40|5.5|5.9|+1|5.0| -

5|

8|

3|2779|+49 14|6.1|6.2|+2|6.4|

3|

3|2787|+42 42|4.2|4.3|+2|4.5|

3|

3|2794|+33 10|5.2|4.4|+3|4.7| -

5|

8|

3|2763|+55 29|5.7|5.5|+3|5.8|

1|

2|

3|2713|+45 15|4.2|5.6|+2|5.8|(16)|

(13)|

3|2680|+55 5|5.0|5.3|+3|5.6| 6|

3|2782|+45 53|5.3|5.8|+2|6.0| 7|

3|2826|+46 12|5.0|5.5|+2|5.7|

7|

58|

17-18|

10|

48|

32|

Mean =

4|

3|

26|

8-10|

7|

Mean = 4

Plate 1251

3|21801|+12 39|5.9|6.6|0|7|3|

3|2859|+12 54|4.9|5.7|0|8|4|

3|2852|+13 47|6.0|6.3|0|3|

3|2829|+15 11|6.4|6.4|0|0|

3|2822|+13 29|6.0|6.1|0|1|

3|2785|+17 18|6.1|6.3|0|2|

3|2856|+19 46|6.0|6.5|0|5|

26|

7|

Mean = 4

102		Book 19		Plate 1330 F	
No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta
2826	+46 12	5.0	5.4	+2	5.6
2694	+46 22	4.7	5.0	+2	5.2
2745	+46 36	3.9	4.1	+2	4.3
2760	+37 40	5.5	5.9	+1	5.0
2779	+49 14	6.1	6.2	+2	6.4
2787	+42 42	4.2	4.3	+2	4.5
2794	+33 10	5.2	4.4	+3	4.7
2763	+55 29	5.7	5.5	+3	5.8
2713	+45 15	4.2	5.6	+2	5.8
2680	+55 5	5.0	5.3	+3	5.6
2782	+45 53	5.3	5.8	+2	6.0
2826	+46 12	5.0	5.5	+2	5.7
58					
17-18					
10					
48					
32					
Mean					4

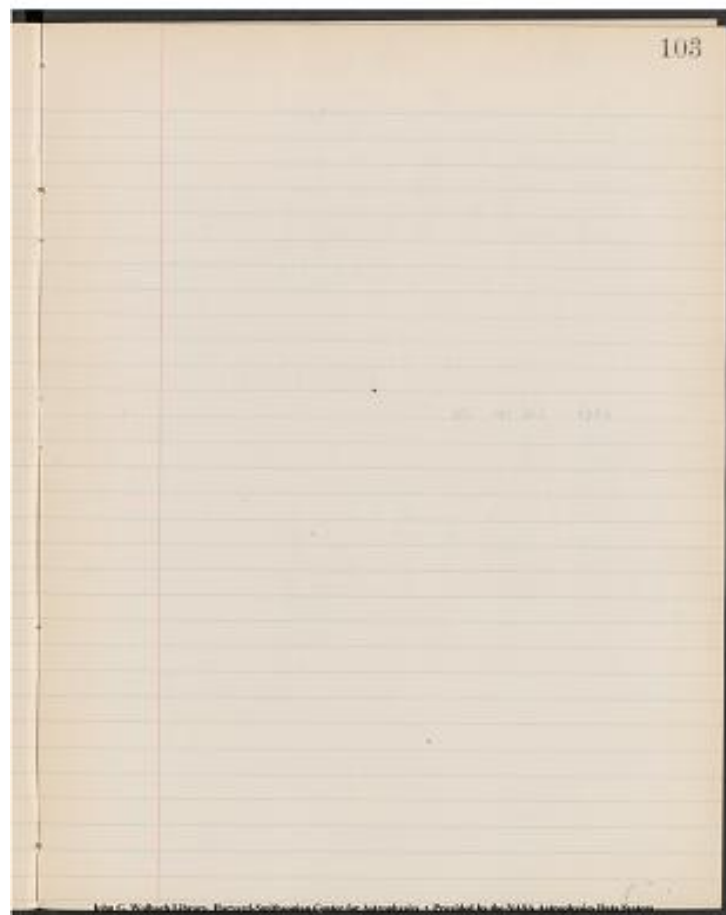
  

102		Book 19		Plate 1251	
No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta
21801	+12 39	5.9	6.6	0	7.3
2859	+12 54	4.9	5.7	0	8.4
2852	+13 47	6.0	6.3	0	3
2829	+15 11	6.4	6.4	0	0
2822	+13 29	6.0	6.1	0	1
2785	+17 18	6.1	6.3	0	2
2856	+19 46	6.0	6.5	0	5
26					
7					
Mean					4

Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
 Plates #33  
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[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
Transcribed and Reviewed by Digital Volunteers  
Extracted Aug-29-2022 02:30:57

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[Book 19]

[Plate 1355 J'.]

---| No. | Dec. | Mag. | Obs. Br. | Cor. delta | Obs. Br. Cor. deltaS. | Diff. |  
Resid. |

3	2859	+12 54	4.9	6.3	0	6.3	14	6
3	2822	+13 29	6.0	6.6	0	6.6	6	[ <u>2</u> ]
3	2852	+13 47	6.0	6.7	0	6.7	7	[ <u>1</u> ]
3	2829	+15 11	6.4	7.0	0	7.0	6	[ <u>2</u> ]
3	2844	+31 6	4.0	4.6	+1	4.7	[ <u>7</u> ]	[ <u>1</u> ]
								40
								[ <u>6-6</u> ]
								5

Mean = 8

Plate 1356 J'.

3	2787	+42 42	4.2	4.6	+2	4.8	6	0
3	2847	+33 45	5.3	5.7	+1	5.8	5	[ <u>1</u> ]
3	2862	+43 59	6.2	6.9	+2	7.1	9	3
3	2782	+45 53	5.3	5.8	+2	6.0	7	1
3	2826	+46 12	5.0	5.2	+2	5.4	4	[ <u>2</u> ]
3	2745	+46 36	3.9	4.2	+2	4.4	5	[ <u>1</u> ]
3	2760	+37 40	5.5	6.2	+1	6.3	8	2
3	2779	+49 14	6.1	6.7	+2	6.9	[ <u>8</u> ]	[ <u>2</u> ]
								52
								[ <u>8-4</u> ]
								8

Mean = 6

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Book 19

Plate 1355 J'

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. Cor. deltaS.	Diff.	Resid.
3	2859	+12 54	4.9	6.3	0	6.3	14
3	2822	+13 29	6.0	6.6	0	6.6	6
3	2852	+13 47	6.0	6.7	0	6.7	7
3	2829	+15 11	6.4	7.0	0	7.0	6
3	2844	+31 6	4.0	4.6	+1	4.7	7
							40
							6-6
							5

Mean = 8

Plate 1356 J'

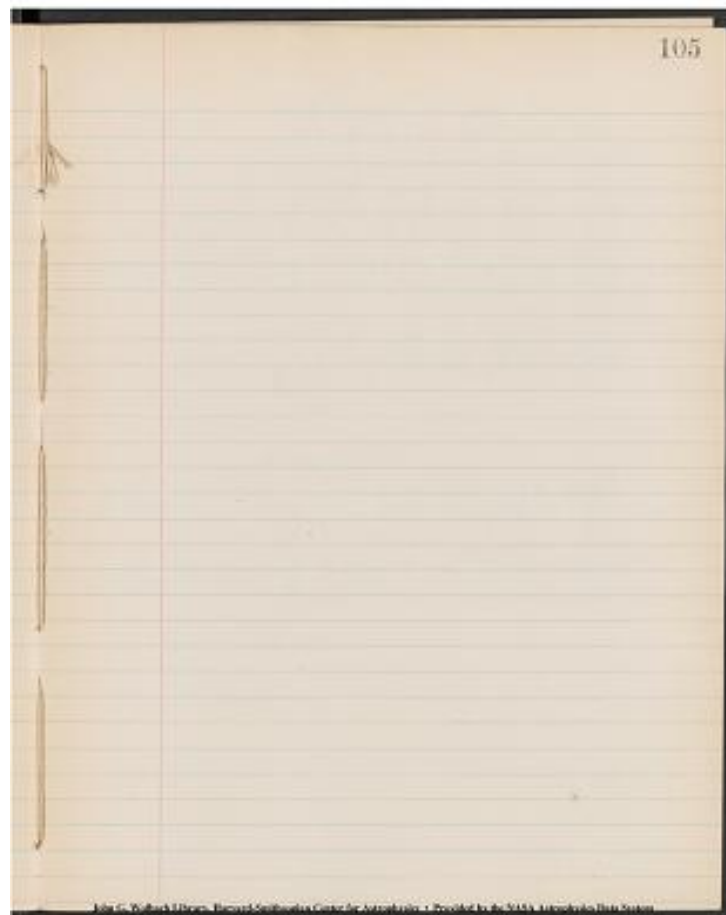
3	2787	+42 42	4.2	4.6	+2	4.8	6
3	2847	+33 45	5.3	5.7	+1	5.8	5
3	2862	+43 59	6.2	6.9	+2	7.1	9
3	2782	+45 53	5.3	5.8	+2	6.0	7
3	2826	+46 12	5.0	5.2	+2	5.4	4
3	2745	+46 36	3.9	4.2	+2	4.4	5
3	2760	+37 40	5.5	6.2	+1	6.3	8
3	2779	+49 14	6.1	6.7	+2	6.9	8
							52
							8-4
							8

Mean = 6

Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
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[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
Transcribed and Reviewed by Digital Volunteers  
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Book 19

Plate 1331 F

[9 columned table]

No. | Dec. | Mag. | Obs. Br. | Cor. delta | Obs. Br. + Cor. delta | Diff. |  
Resid. |

3	2889	+17 27	5.9	6.7	0	6.7	8	3
3	2856	+19 46	6.0	6.6	0	6.6	6	1
3	2922	+20 12	5.4	6.0	0	6.0	6	1
3	2844	+31 6	4.0	4.2	+1	4.3	3	<u>2</u>
3	2890	+33 14	4.9	4.8	+1	4.9	0	<u>5</u>

3 | 2847 | +33 48 | 5.3 | 5.4 | +1 | 5.5 | 2 | 3

3 | 2904 | +24 36 | 5.3 | 5.5 | 0 | 5.5 | 2 | 3

3 | 2880 | +24 59 | 3.3 | 4.1 | 0 | 4.1 | 8 | 3

3 | 2902 | +25 39 | 5.4 | 5.9 | 0 | 5.9 | 5 | 0

3 | 2869 | +36 6 | 5.5 | 6.0 | +1 | 6.1 | 6 | 1

46 | 9-13

Mean = 5

Plate 1332 J'.

3 | 2914 2915 | +37 16 | 4.1 | 4.4 | +.1 | 4.5 | 4 | 1

3 | 2893 | +37 25 | 4.9 | 4.8 | +.1 | 4.9 | 0 | 3

3 | 2870 | +40 40 | 6.3 | 6.5 | +.2 | 6.7 | 4 | 1

3 | 2862 | +43 59 | 6.2 | 6.5 | +.2 | 6.7 | 5 | 2

3 | 2826 | +46 12 | 5.0 | 5.1 | +.2 | 5.3 | 3 | 0

16 | 4-3

Mean = 3

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Book 19

Plate 1331 F

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
2889	+17 27	5.9	6.7	0	6.7	8
2856	+19 46	6.0	6.6	0	6.6	6
2922	+20 12	5.4	6.0	0	6.0	6
2844	+31 6	4.0	4.2	+1	4.3	3
2890	+33 14	4.9	4.8	+1	4.9	0
2847	+33 48	5.3	5.4	+1	5.5	2
2904	+24 36	5.3	5.5	0	5.5	2
2880	+24 59	3.3	4.1	0	4.1	8
2902	+25 39	5.4	5.9	0	5.9	5
2869	+36 6	5.5	6.0	+1	6.1	6

46 | 9-13

Mean = 5

Plate 1332 J'

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
2914 2915	+37 16	4.1	4.4	+1	4.5	4
2893	+37 25	4.9	4.8	+1	4.9	0
2870	+40 40	6.3	6.5	+2	6.7	4
2862	+43 59	6.2	6.5	+2	6.7	5
2826	+46 12	5.0	5.1	+2	5.3	3

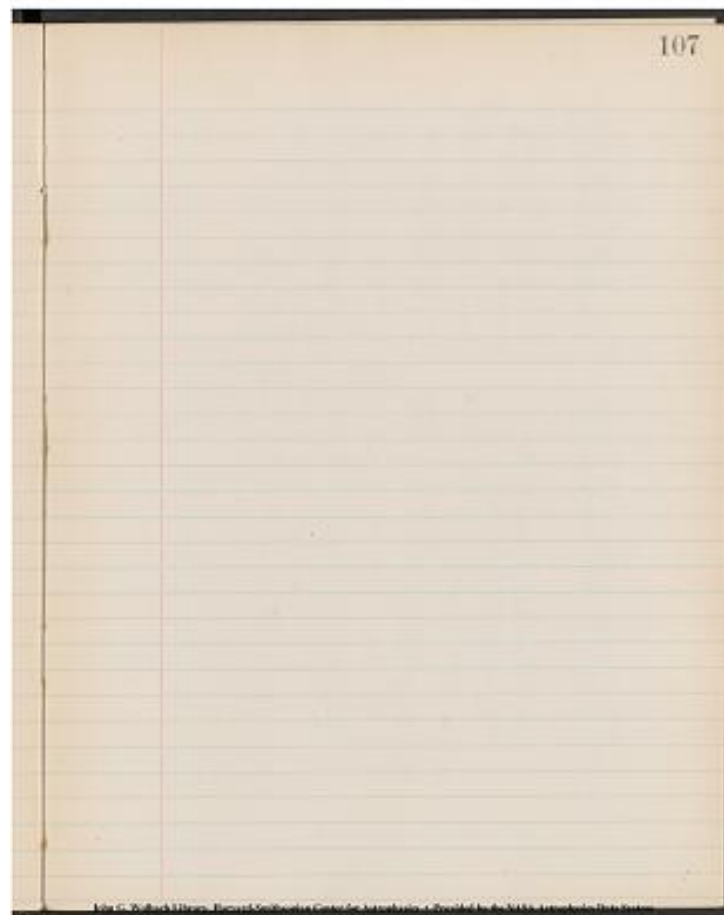
16 | 4-3

Mean = 3

Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
Transcribed and Reviewed by Digital Volunteers  
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[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
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Book 19

Plate 1393 F.

[9 columned table]

| No. | Dec. | Mag. | Obs. Br. | Cor. delta | Obs. Br. + Cor. delta | Diff. |  
Resid. |

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

3|2914|2915|+37 16|4.1|4.8|+1|4.9|8|2|

3|2893|+37 25|4.9|5.3|+1|5.4|5|1|

3|2870|+40 40|6.3|6.7|+2|6.9|6|0|

3|2876|+52 33|6.2|6.5|+3|7.2|10|4|

3|2945, 2946|+55 16, +55 15|4.9,

4.8|4.8|+3|5.1|3|3|

3|2826|+46 12|5.0|5.3|+2|5.5|5|1|

43 (6-5)/7

Mean = 6

Plate 1344 F.

3|2910|+23 5|5.8|6.2|0|6.2|4|0|

3|2952|+24 23|5.8|6.0|0|6.0|2|2|

3|2873|+24 23|6.2|6.8|0|6.8|6|2|

3|2970|+14 28|6.1|6.8|0|6.8|7|3|

3|2904|+24 36|5.3|5.3|0|5.3|0|4|

3|2880|+24 59|3.3|4.0|0|4.0|7|3|

3|2912|+15 43|6.1|6.4|0|6.4|3|1|

3|2902|+29 39|5.4|5.5|+1|5.4|2|2|

3|2911|+16 26|5.8|6.0|0|6.0|2|2|

3|2889|+17 27|5.9|6.1|0|6.1|2|2|

3|2977|+17 47|5.7|6.1|0|6.1|4|0|

3|2936|+28 29|6.0|5.7|+1|5.8|-2|6|

3|2982|+19 17|6.0|6.7|0|6.7|7|3|

3|2922|+20 12|5.4|5.5|0|5.5|1|3|

3|2950|+30 52|5.7|6.4|+1|6.5|8|4|

55-2=53 (15-22)/15

mean=4

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Book 19

Plate 1393 F.

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
2914	2915	+37 16	4.1	4.8	+1	4.9
2893	+37 25	4.9	5.3	+1	5.4	5
2870	+40 40	6.3	6.7	+2	6.9	6
2876	+52 33	6.2	6.5	+3	7.2	10
2945, 2946	+55 16, +55 15	4.9, 4.8	4.8	+3	5.1	3
2826	+46 12	5.0	5.3	+2	5.5	5
Mean						6

Plate 1344 F.

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
2910	+23 5	5.8	6.2	0	6.2	4
2952	+24 23	5.8	6.0	0	6.0	2
2873	+24 23	6.2	6.8	0	6.8	6
2970	+14 28	6.1	6.8	0	6.8	7
2904	+24 36	5.3	5.3	0	5.3	0
2880	+24 59	3.3	4.0	0	4.0	7
2912	+15 43	6.1	6.4	0	6.4	3
2902	+29 39	5.4	5.5	+1	5.4	2
2911	+16 26	5.8	6.0	0	6.0	2
2889	+17 27	5.9	6.1	0	6.1	2
2977	+17 47	5.7	6.1	0	6.1	4
2936	+28 29	6.0	5.7	+1	5.8	-2
2982	+19 17	6.0	6.7	0	6.7	7
2922	+20 12	5.4	5.5	0	5.5	1
2950	+30 52	5.7	6.4	+1	6.5	8
Mean						4

55-2=53 (15-22)/15  
mean=4

Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
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[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
Transcribed and Reviewed by Digital Volunteers  
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Book 19

Plate 1345 F

[9 columned table]

| No. | Dec. | Mag. | Obs. Br. | Cor delta | Obs. Br. + Cor delta | Diff. |  
Resid. |

3 2890 +33 14 4.9 4.8 +.1 4.9 0  <u>2</u>
3 2923 +34 49 6.0 5.8 +.1 5.9 -1  <u>3</u>
3 2869 +36 6 5.5 6.0 +.1 6.1 6 4
3 2893 +37 25 4.9 4.9 +.1 5.0 1  <u>1</u>
3 2983 +47 39 6.3 6.6 +.2 6.8 5 3
3 2926 +48 22 5.8 5.7 +.2 5.9 1  <u>1</u>
3 2989 +50 50 5.2 5.0 +.2 5.2 0  <u>2</u>

13            7-9  
-1            -----  
-----            7  
12  
mean=2

Plate 1358 F.

3 2977 +17 47 5.7 6.8 0 6.8 11 4
3 2936 +28 29 6.0 6.1 +.1 6.2 2  <u>5</u>
3 2982 +19 17 6.0 6.7 0 6.7 7 0
3 2922 +20 12 5.4 5.9 0 5.9 5  <u>2</u>
3 3033 +20 50 5.1 5.8 0 5.8 7 0
3 2950 +30 52 5.7 6.5 +.1 6.6 9 2
<del>3 3026 +21 37 4.6 5.2 </del>
3 2952 +24 23 5.8 6.4 0 6.4 6  <u>1</u>

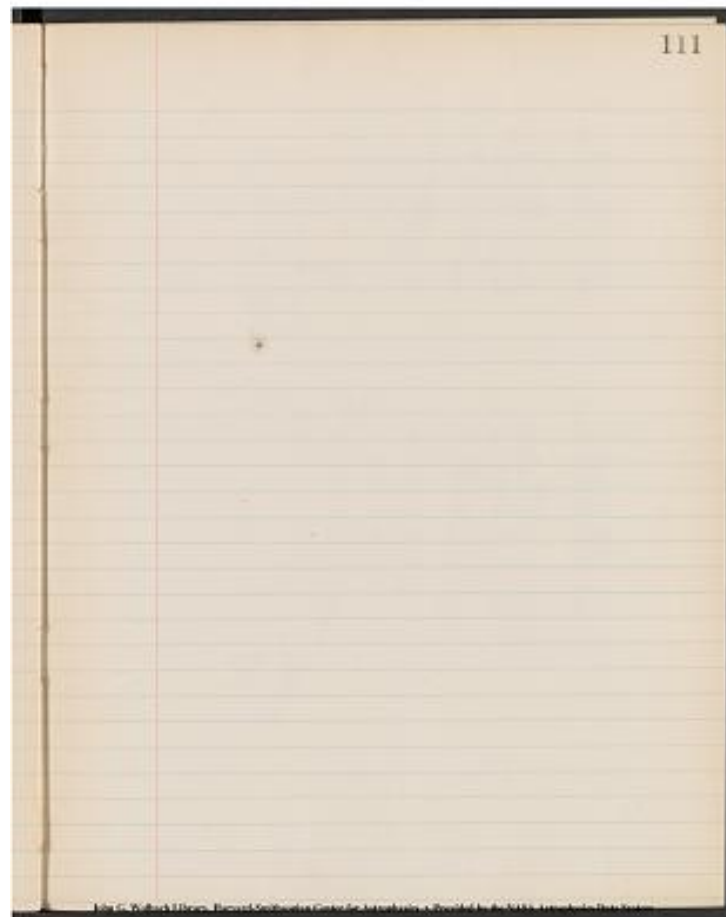
47 6-8  
7  
mean=7

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Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
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[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
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[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
Transcribed and Reviewed by Digital Volunteers  
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Book 19

Plate 1346 F.

[9 columned table]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
3026	+21 37	4.6	5.4	0	5.4	8   3
3049	+26 5	5.2	5.4	0	5.4	2

Resid |

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

3 | 3026 | +21 37 | 4.6 | 5.4 | 0 | 5.4 | 8 | 3 |

4 | 3049 | +26 5 | 5.2 | 5.4 | 0 | 5.4 | 2

3 | 3080 | +18 5 | 6.0 | 6.4 | 0 | 6.4 | 4 |

3 | 2977 | +17 47 | 5.7 | 6.4 | 0 | 6.4 | 7 | 2 |

4 | 3097 | +28 49 | 5.0 | 6.6 | +1 | 5.7 | 7 | 2 |

3 | 2982 | +19 17 | 6.0 | 6.6 | 0 | 6.6 | 6 | 1 |

4 | 3113 | +29 46 | 5.8 | 6.3 | +1 | 6.4 | 6 | 1 |

4 | 3096 | +29 48 | 5.6 | 6.2 | +1 | 6.3 | 7 | 2 |

4 | 3053 | +20 3 | 5.2 | 5.7 | 0 | 5.7 | 5 | 0 |

4 | 3051 | +20 49 | 4.5 | 4.6 | 0 | 4.6 | 1 |

3 | 3033 | +20 50 | 5.1 | 5.7 | 0 | 5.7 | 6 | 1 |

59 |

Mean = 5 |

Plate 1347 F.

[9 columned table]

4 | 3064 | +33 26 | 5.9 | 5.4 | +1 | 5.5 | -4 | 0 |

3 | 3020 | +45 28 | 6.1 | 5.7 | +2 | 5.9 | -2 | 2 |

3 | 2983 | +47 39 | 6.3 | 5.9 | +2 | 6.1 | -2 | 2 |

4 | 3041 | +48 28 | ~~R~~ | 6.2 | 5.4 | +2 | 5.6 | -

6 | 2 |

4 | 3057 | +49 41 | 6.3 | 5.6 | +2 | 5.8 | -5 | 1 |

3 | 2989 | +50 50 | 5.2 | 4.7 | +2 | 4.9 | -3 | 1 |

-22 |

Mean = -.4 |

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Plate 1346 F.

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
3026	+21 37	4.6	5.4	0	5.4	8   3
3049	+26 5	5.2	5.4	0	5.4	2
3080	+18 5	6.0	6.4	0	6.4	4
2977	+17 47	5.7	6.4	0	6.4	7   2
3097	+28 49	5.0	6.6	+1	5.7	7   2
2982	+19 17	6.0	6.6	0	6.6	6   1
3113	+29 46	5.8	6.3	+1	6.4	6   1
3096	+29 48	5.6	6.2	+1	6.3	7   2
3053	+20 3	5.2	5.7	0	5.7	5   0
3051	+20 49	4.5	4.6	0	4.6	1
3033	+20 50	5.1	5.7	0	5.7	6   1
59						
						Mean = 5

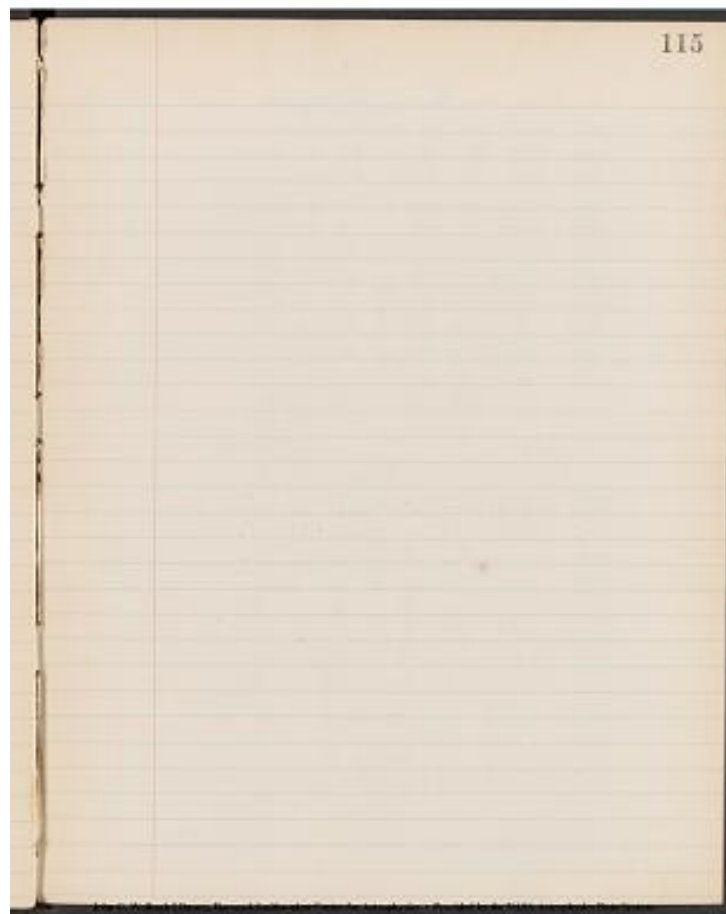
Plate 1347 F.

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
3064	+33 26	5.9	5.4	+1	5.5	-4   0
3020	+45 28	6.1	5.7	+2	5.9	-2   2
2983	+47 39	6.3	5.9	+2	6.1	-2   2
3041	+48 28					
3057	+49 41	6.3	5.6	+2	5.8	-5   1
2989	+50 50	5.2	4.7	+2	4.9	-3   1
						-22
						Mean = -.4

Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum Plates #33  
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[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
Transcribed and Reviewed by Digital Volunteers  
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[[Book 19]][[Plate 1367F.]]

[[9 columned table]]

| No. | Dec. | Mag. | Obs. Br. | Cor. delta | Obs. Br. + Cor. delta | Diff. |  
Resid |

4 3115 +26 23 6.2 6.7 0 6.7 5 0
4 3127 +16 51 5.7 6.1 0 6.1 4 1
4 3135 +18 6 5.6 6.2 0 6.2 6 1
4 3097 +28 49 5.0 5.1 +1 5.6 6 1
4 3048 +28 45 4.0 5.1 +1 5.2 12 7
4 3113 +29 46 5.8 5.9 +1 6.0 2 3
4 3096 +29 48 5.6 5.9 +1 6.0 4 1
4 3132 +30 28 5.4 5.7 +1 5.8 4 1
4 3146 +33 22 5.3 6.6 +1 6.7 14 9
4 3064 +33 47 5.7 5.9 0 5.9 2 3
4 3140 +34 21 5.9 5.9 +1 6.0 1 4

[Equation]

Mean=5

Plate 1383

4 3172 3173 +37 29,+37 28 4.3, 5.9 5.2 +1 5.3 10 3
4 3073 +38 46 5.9 6.7 +1 6.8 9 2
4 3169 +39 29 4.6 5.3 +1 5.4 8 1
4 3167 +39 33 4.6 5.3 +1 5.4 8 1
4 3110 +39 27 4.9 5.7 +1 5.8 9 2
4 3057 +49 41 6.3 6.9 +2 7.1 8 1
4 3179 +41 19 5.7 6.6 +2 6.8 11 4
4 3155 +52 5 5.8 6.0 +3 6.3 5 2
4 3079 +42 8 5.3 5.6 +2 5.8 5 2
4 3187 +52 52 5.8 6.0 +3 6.3 5 2
4 3175 +53 45 6.1 6.5 +3 6.8 7 0
4 3166 +55 25 5.2 5.0 +3 5.3 1 6

[Equation]

Mean=7

\*Spectra superimposed on plate. Measure of brightness continued light of both

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No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid
3115	+26 23	6.2	6.7	0	6.7	5	0
3127	+16 51	5.7	6.1	0	6.1	4	1
3135	+18 6	5.6	6.2	0	6.2	6	1
3097	+28 49	5.0	5.1	+1	5.6	6	1
3048	+28 45	4.0	5.1	+1	5.2	12	7
3113	+29 46	5.8	5.9	+1	6.0	2	3
3096	+29 48	5.6	5.9	+1	6.0	4	1
3132	+30 28	5.4	5.7	+1	5.8	4	1
3146	+33 22	5.3	6.6	+1	6.7	14	9
3064	+33 47	5.7	5.9	0	5.9	2	3
3140	+34 21	5.9	5.9	+1	6.0	1	4

Mean=5

Plate 1383 F

3172	+37 29	4.3	5.9	0	5.2	10	3
3173	+37 28	5.9	5.2	0	5.3	10	3
3073	+38 46	5.9	6.7	0	6.8	9	2
3169	+39 29	4.6	5.3	0	5.4	8	1
3167	+39 33	4.6	5.3	0	5.4	8	1
3110	+39 27	4.9	5.7	0	5.8	9	2
3057	+49 41	6.3	6.9	0	7.1	8	1
3179	+41 19	5.7	6.6	0	6.8	11	4
3155	+52 5	5.8	6.0	0	6.3	5	2
3079	+42 8	5.3	5.6	0	5.8	5	2
3187	+52 52	5.8	6.0	0	6.3	5	2
3175	+53 45	6.1	6.5	0	6.8	7	0
3166	+55 25	5.2	5.0	0	5.3	1	6

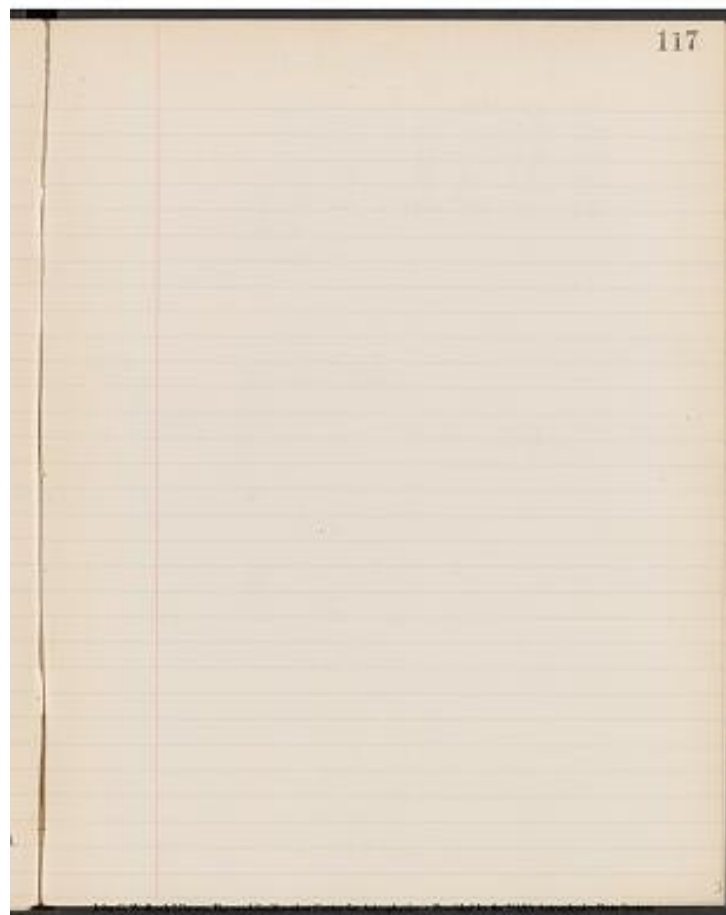
Mean=7

\* Spectra superimposed on plate. Measure of brightness continued light of both

Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
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[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
Transcribed and Reviewed by Digital Volunteers  
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Book 19

Plate 1425 F.

[9 columned table]

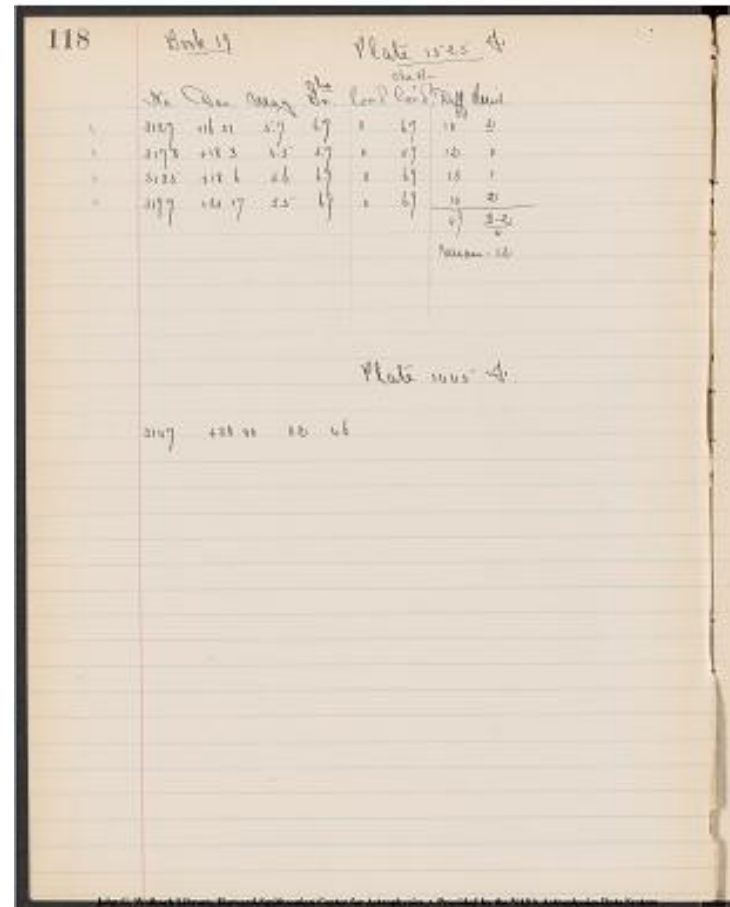
No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid
4	3127	+16 51	5.7	6.7	0	6.7	10
4	3178	+18 3	4.5	5.7	0	5.7	12
4	3135	+18 6	5.6	6.9	0	6.9	13
4	3197	+21 17	5.5	6.9	0	6.9	14
			49	3-2/2			

Mean = 12

2

Plate 1445 J.

| 3147 | +38 40 | 0.2 | 4.6 |



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[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
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Book 19

Plate 1500 F.

[[9 columned table]]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
3291	+38 56	4.5	5.9				
3365	+51 28	3.9	6.3				

Plate 1550 F.

[[9 columned table]]

4	3259	+13 41	3.1	4.8	0	17	7
4	3246	+26 7	5.5	6.4	0	9	<u>1</u>
4	3127	+16 51	5.7	6.8	0	11	1
4	3178	+18 3	4.5	5.1	0	6	<u>4</u>
4	3135	+18 6	5.6	6.7	0	11	1
4	3185	+19 12	5.9	6.7	0	8	<u>2</u>
4	3197	+21 17	5.5	6.3	0		
						<u>8</u>	<u>2</u>
						70	<u>equation</u>
							Mean = 10

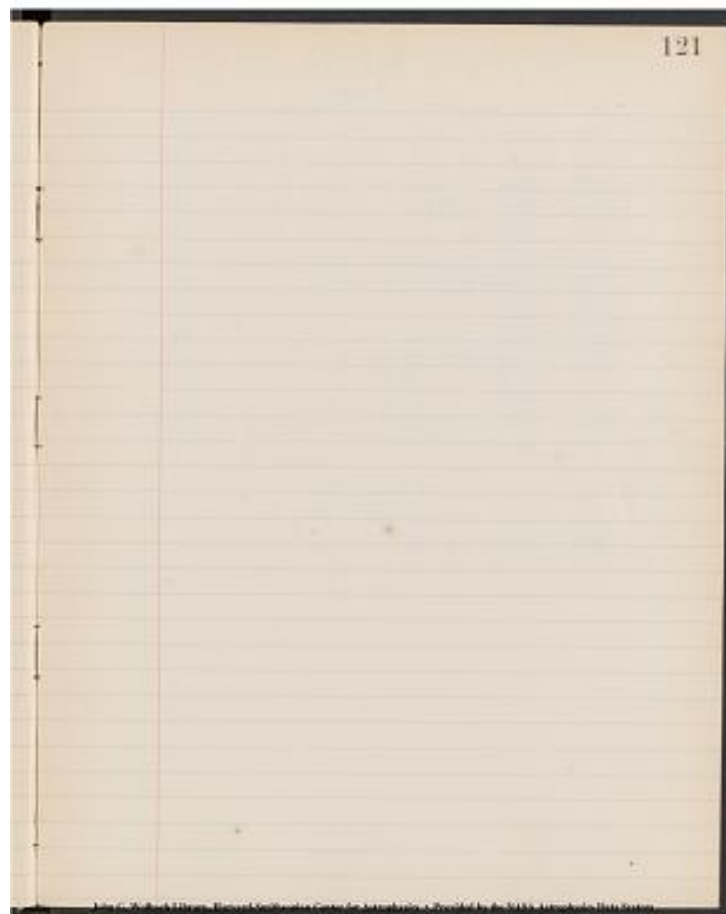
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[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
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Book 19Plate 1551 F.

[9 columned table]

No.	Dec.	Mag.	Obs. Br.	Cor delta	Obs. Br. + Cor delta	Diff.
43232	+32 32	3.3	4.7	+1.4	8.1	5.3
43192	+32 25	5.1	6.7	+1.6	8.1	7.5
43146	+33 22	5.3	6.6	+1.6	7.1	4.2
43272	+35 55	5.2	6.2	+1.6	3.1	1.1
43254	+46 47	5.0	5.8	+2.6	0.1	2.1
43207	+36 49	5.3	6.1	+1.6	2.9	3.1
43172	+37 29	4.3	5.3	+1.5	4.1	1.1
43173	+37 28	5.9				
43230	+38 6	5.9	6.5	+1.6	6.7	5.1
43190	+48 37	6.0	6.8	+2.7	0.1	2.1
43110	+39 27	4.9	6.2	+2.6	4.1	1.5
43249	+50 22	5.4	5.9	+2.6	1.7	5.1
43179	+41 19	5.7	6.7	+2.6	9.1	12.0
					138	13-19
						Mean = 12

43232	+32 32	3.3	4.7	+1.4	8.1	5.3
43192	+32 25	5.1	6.7	+1.6	8.1	7.5
43146	+33 22	5.3	6.6	+1.6	7.1	4.2
43272	+35 55	5.2	6.2	+1.6	3.1	1.1
43254	+46 47	5.0	5.8	+2.6	0.1	2.1
43207	+36 49	5.3	6.1	+1.6	2.9	3.1
43172	+37 29	4.3	5.3	+1.5	4.1	1.1
43173	+37 28	5.9				
43230	+38 6	5.9	6.5	+1.6	6.7	5.1
43190	+48 37	6.0	6.8	+2.7	0.1	2.1
43110	+39 27	4.9	6.2	+2.6	4.1	1.5
43249	+50 22	5.4	5.9	+2.6	1.7	5.1
43179	+41 19	5.7	6.7	+2.6	9.1	12.0
					138	13-19
						Mean = 12

43232	+32 32	3.3	4.7	+1.4	8.1	5.3
43192	+32 25	5.1	6.7	+1.6	8.1	7.5
43146	+33 22	5.3	6.6	+1.6	7.1	4.2
43272	+35 55	5.2	6.2	+1.6	3.1	1.1
43254	+46 47	5.0	5.8	+2.6	0.1	2.1
43207	+36 49	5.3	6.1	+1.6	2.9	3.1
43172	+37 29	4.3	5.3	+1.5	4.1	1.1
43173	+37 28	5.9				
43230	+38 6	5.9	6.5	+1.6	6.7	5.1
43190	+48 37	6.0	6.8	+2.7	0.1	2.1
43110	+39 27	4.9	6.2	+2.6	4.1	1.5
43249	+50 22	5.4	5.9	+2.6	1.7	5.1
43179	+41 19	5.7	6.7	+2.6	9.1	12.0
					138	13-19
						Mean = 12

43230	+38 6	5.9	6.5	+1.6	6.7	5.1
43190	+48 37	6.0	6.8	+2.7	0.1	2.1
43110	+39 27	4.9	6.2	+2.6	4.1	1.5
43249	+50 22	5.4	5.9	+2.6	1.7	5.1
43179	+41 19	5.7	6.7	+2.6	9.1	12.0
					138	13-19
						Mean = 12

Plate 1542

[9 columned table]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
3300	+21 11	4.7	6.4	0.4	17.1	1.1
3232	+32 32	3.3	5.1	+1.5	2.1	1.1
3366	+34 12	4.8	6.5	+1.6	6.1	1.8

3300	+21 11	4.7	6.4	0.4	17.1	1.1
3232	+32 32	3.3	5.1	+1.5	2.1	1.1
3366	+34 12	4.8	6.5	+1.6	6.1	1.8

3300	+21 11	4.7	6.4	0.4	17.1	1.1
3232	+32 32	3.3	5.1	+1.5	2.1	1.1
3366	+34 12	4.8	6.5	+1.6	6.1	1.8

3300	+21 11	4.7	6.4	0.4	17.1	1.1
3232	+32 32	3.3	5.1	+1.5	2.1	1.1
3366	+34 12	4.8	6.5	+1.6	6.1	1.8

3300	+21 11	4.7	6.4	0.4	17.1	1.1
3232	+32 32	3.3	5.1	+1.5	2.1	1.1
3366	+34 12	4.8	6.5	+1.6	6.1	1.8

3300	+21 11	4.7	6.4	0.4	17.1	1.1
3232	+32 32	3.3	5.1	+1.5	2.1	1.1
3366	+34 12	4.8	6.5	+1.6	6.1	1.8

\* spectra superimposed on plate. Measure of brightness combined light of both.

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No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
3232	+32 32	3.3	4.7	+1.4	8.1	5.3
3192	+32 25	5.1	6.7	+1.6	8.1	7.5
3146	+33 22	5.3	6.6	+1.6	7.1	4.2
3272	+35 55	5.2	6.2	+1.6	3.1	1.1
3254	+46 47	5.0	5.8	+2.6	0.1	2.1
3207	+36 49	5.3	6.1	+1.6	2.9	3.1
3172	+37 29	4.3	5.3	+1.5	4.1	1.1
3173	+37 28	5.9				
3230	+38 6	5.9	6.5	+1.6	6.7	5.1
3190	+48 37	6.0	6.8	+2.7	0.1	2.1
3110	+39 27	4.9	6.2	+2.6	4.1	1.5
3249	+50 22	5.4	5.9	+2.6	1.7	5.1
3179	+41 19	5.7	6.7	+2.6	9.1	12.0
					138	13-19
						Mean = 12

Plate 1542

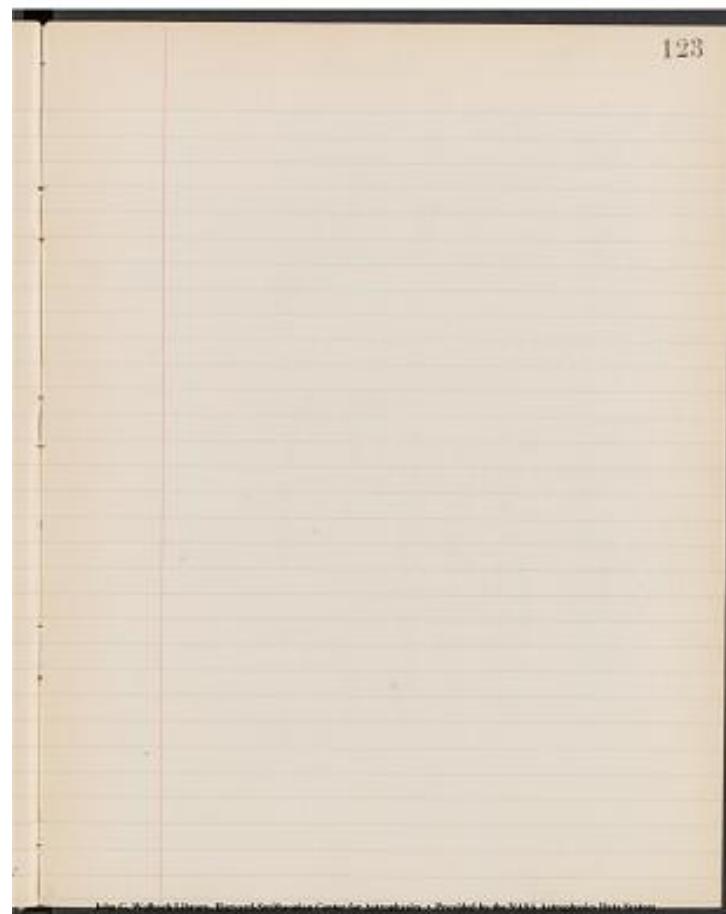
3300	+21 11	4.7	6.4	0.4	17.1	1.1
3232	+32 32	3.3	5.1	+1.5	2.1	1.1
3366	+34 12	4.8	6.5	+1.6	6.1	1.8

Spectra superimposed on plate. Measure of brightness combined light of both.

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[[no entries]]

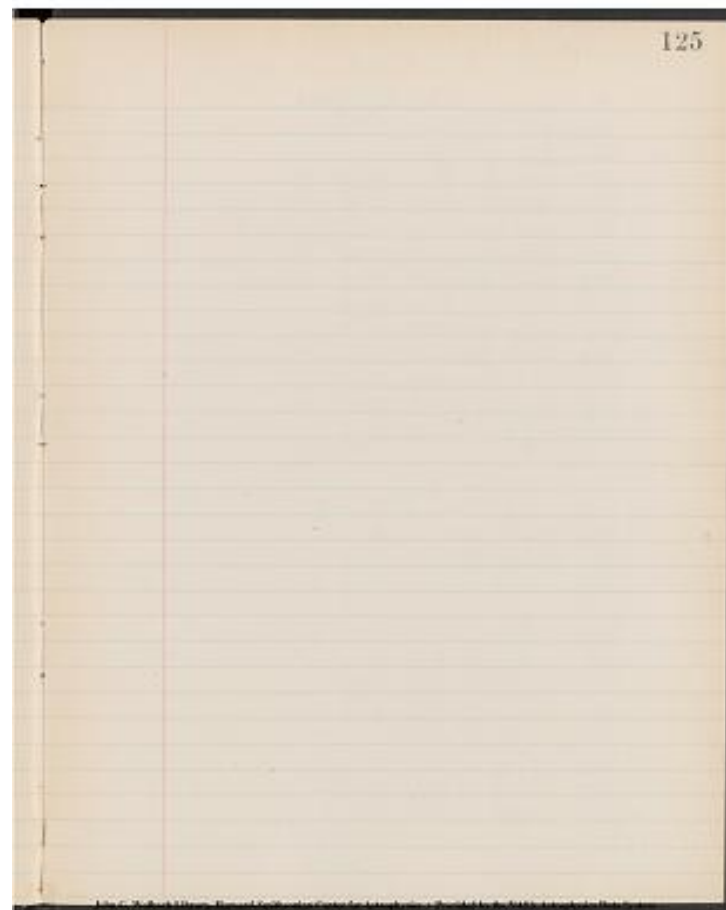


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[[no entries]]



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Plates #33  
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Book 19

## Plate 1601

[[9 columned table]]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
4	3479	+39 43	5.2	6.3	+1	6.4
4	3458	+38 10	4.7	5.7	+1	5.8
4	3464	+40 3	5.6	6.2	+1	6.3
4	3465	+50 35	6.3	7.0	+2	7.2
4	3365	+51 28	3.9	4.4	+3	4.7
4	3480	+51 44	6.0	6.4	+3	6.7
4	3463	+52 7	4.8	5.4	+3	5.7
4	3382	+42 8	5.2	3.9	+2	6.1
4	3361	+52 5	5.7	6.2	+3	6.5
4	3401	+42 32	5.3	3.8	+2	6.0
4	3419	+44 50	3.0	4.0	+2	4.2
4	3478	+45 27	5.7	6.9	+2	7.1
4	3469	+56 22	6.1	6.7	+3	7.0
			122	13-8/13		
						Mean = 9

Resid

4	3479	+39 43	5.2	6.3	+1	6.4	12	3
4	3458	+38 10	4.7	5.7	+1	5.8	11	2
4	3464	+40 3	5.6	6.2	+1	6.3	7	[[underline]] 2 [[/underline]]
4	3465	+50 35	6.3	7.0	+2	7.2	9	0
4	3365	+51 28	3.9	4.4	+3	4.7	9	[[underline]] 1 [[/underline]]
4	3480	+51 44	6.0	6.4	+3	6.7	7	[[underline]] 2 [[/underline]]
4	3463	+52 7	4.8	5.4	+3	5.7	9	0
4	3382	+42 8	5.2	3.9	+2	6.1	9	0
4	3361	+52 5	5.7	6.2	+3	6.5	8	[[underline]] 1 [[/underline]]
4	3401	+42 32	5.3	3.8	+2	6.0	7	[[underline]] 2 [[/underline]]
4	3419	+44 50	3.0	4.0	+2	4.2	12	3
4	3478	+45 27	5.7	6.9	+2	7.1	14	5
4	3469	+56 22	6.1	6.7	+3	7.0	9	0
								[[underline]] 9
								[[/underline]]

## Plate 1569

[[9 columned table]]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
4	3230	+38 6	5.9	6.7	+1	6.8
4	3291	+38 56	4.5	3.3	+1	5.4
4	3169-70	4.6	5.3	+1	5.4	8
4	3167-68	+39 33	4.6	5.3	+1	5.4

Resid

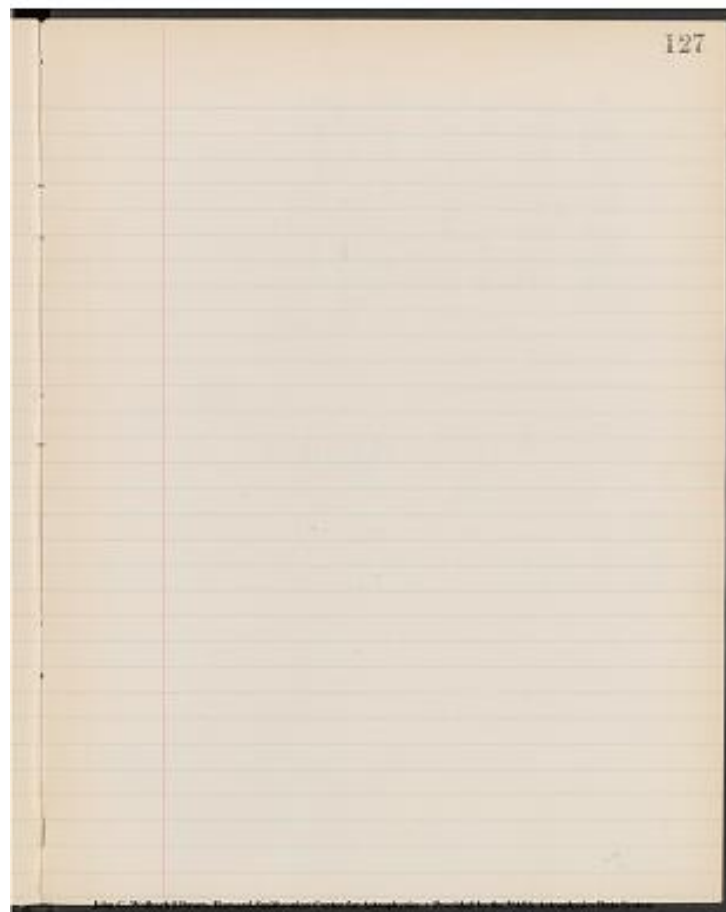
4	3230	+38 6	5.9	6.7	+1	6.8	9	[[underline]] 1 [[/underline]]
4	3291	+38 56	4.5	3.3	+1	5.4	9	[[underline]] 1 [[/underline]]
4	3169-70	4.6	5.3	+1	5.4	8	[[underline]] 2 [[/underline]]	
4	3167-68	+39 33	4.6	5.3	+1	5.4	8	[[underline]] 2 [[/underline]]
4	3249	+50 22	5.4	6.0	+2	6.2	8	[[underline]] 2 [[/underline]]
4	3235	+40 31	6.1	6.6	+1	6.7	6	[[underline]] 4 [[/underline]]
4	3201	+41 15	6.1	6.8	+2	7.0	9	[[underline]] 1 [[/underline]]
4	3179	+41 19	5.7	6.7	+2	6.9	12	2
4	3365	+51 28	3.9	5.0	+3	5.3	14	4
4	3361	+52 5	5.7	6.6	+3	6.9	12	2
4	3268	+53 14	3.4	6.1	+3	6.4	10	0
4	3166	+55 25	5.2	5.8	+3	6.1	9	[[underline]] 1 [[/underline]]
			114	8-14/12				
								Mean = 10

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[[no entries]]



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Book 19

Plate 1421 F.

[[9 columned table]]

| No. | Dec. | Mag. | Obs. Br. | Cor. delta | Obs. Br. + Cor. delta | Diff. |  
Resid |

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

4|3337|+16 43|6.0|7.2|0

7.2|12|~~[[underlined]]1[[/underlined]]~~2|

4|3351|+19 52|5.4|6.4|0

6.4|10|~~[[underlined]]3[[/underlined]]~~0|

4|3300|+21 11|4.7|6.0|0 |6.0|13|~~[[underlined]]0[[/underlined]]~~3|

4|3232|+32 32|3.3|5.9|+.1|6.0|(27)|~~[[underlined]]14[[/underlined]]~~

(17)|

4|3265|+24 4 |5.6|6.8|0

6.8|12|~~[[underlined]]1[[/underlined]]~~2

4|3275|+34 33|6.6|7.0|+.1|7.1|

5|~~[[underlined]]8[[/underlined]]~~5|

4|3364|+35

59|5.8|6.8|+.1|6.9|~~[[underlined]]11[[/underlined]]~~2|

ined|~~[[underlined]]1[[/underlined]]~~

|~~[[underlined]]90[[/underlined]]~~63|

|Mean = ~~[[underlined]]13[[/underlined]]~~ 10|

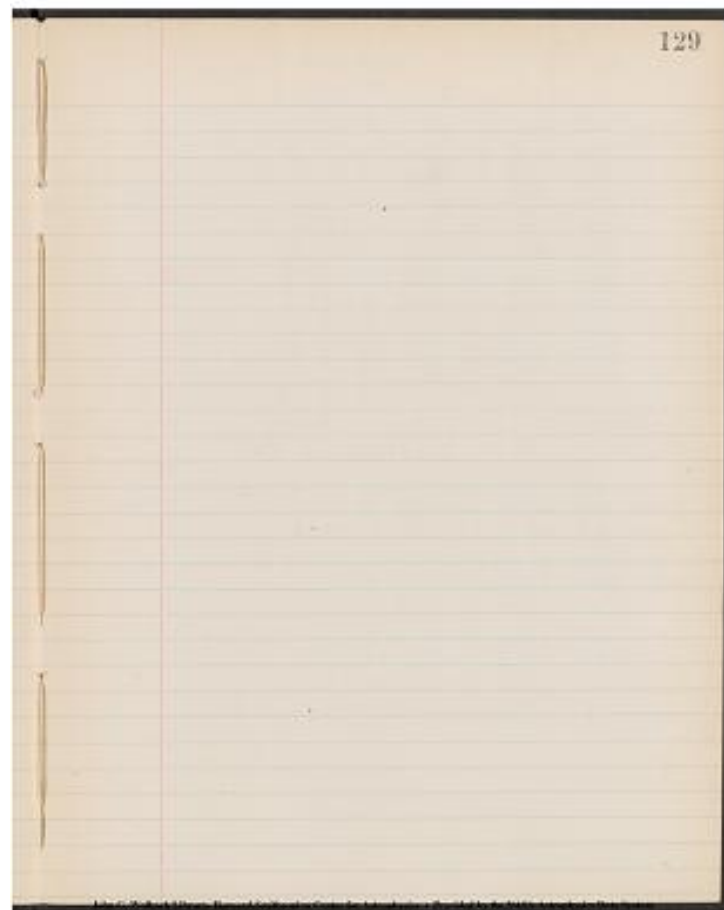
Plate 1501 F.

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[[no entries]]



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Book 19

Plate 1548 F

[[9 columned table]]

| No. | Dec. | Mag. | Obs. Br. | Cor. delta | Obs. Br. + Cor. delta | Diff. |  
Resid |

4	3338	+16 43	6.0	6.8	0	6.8	8	1
4	3372	+19 31	5.0	5.7	0	5.7	7	0
4	3342	+29 23	4.9	5.7	+1	5.8	9	2
4	3351	+19 52	5.4	6.0	0	6.0	6	1
4	3294	+21 1	5.8	6.3	0	6.3	5	1
4	3300	+21 11	4.7	5.6	0	5.6	9	2
4	3283	+21 21	5.8	6.5	0	6.5	7	0
4	3366	+34 12	4.8	5.4	+1	5.5	7	0
4	3364	+35 59	5.8	6.7	+1	6.8	10	3
4	3352	+36 5	5.1	5.7	+1	5.8	7	0
4	3329	+26 2	5.0	5.7	0	5.7	7	0
							82	1
							Mean = 7	

Plate 1502 F.

[[9 columned table]]

4	3401	+42 32	5.3	6.6	+1	6.7	14	3
4	3382	+42 8	5.2	6.7	+1	6.8	16	5
4	3366	+34 12	4.8	5.3	+1	5.4	8	1
4	3419	+44 50	3.0	4.0	+1	4.1	11	0
4	3352	+36 5	5.1	6.0	+1	6.1	10	1
4	3272	+35 55	5.2	6.3	+1	6.4	12	1
4	3387	+36 41	6.0	6.6	+1	6.7	7	1
4	3254	+46 47	5.0	6.1	+1	6.2	12	1
4	3320	+37 14	6.1	6.9	+1	7.0	9	1
4	3291	+38						
56	4.5	5.4	+1	5.5	0	5.5	10	1
							109	1
							Mean = 11	

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No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
4	3338	+16 43	6.0	6.8	0	6.8
4	3372	+19 31	5.0	5.7	0	5.7
4	3342	+29 23	4.9	5.7	+1	5.8
4	3351	+19 52	5.4	6.0	0	6.0
4	3294	+21 1	5.8	6.3	0	6.3
4	3300	+21 11	4.7	5.6	0	5.6
4	3283	+21 21	5.8	6.5	0	6.5
4	3366	+34 12	4.8	5.4	+1	5.5
4	3364	+35 59	5.8	6.7	+1	6.8
4	3352	+36 5	5.1	5.7	+1	5.8
4	3329	+26 2	5.0	5.7	0	5.7
						82
						Mean = 7

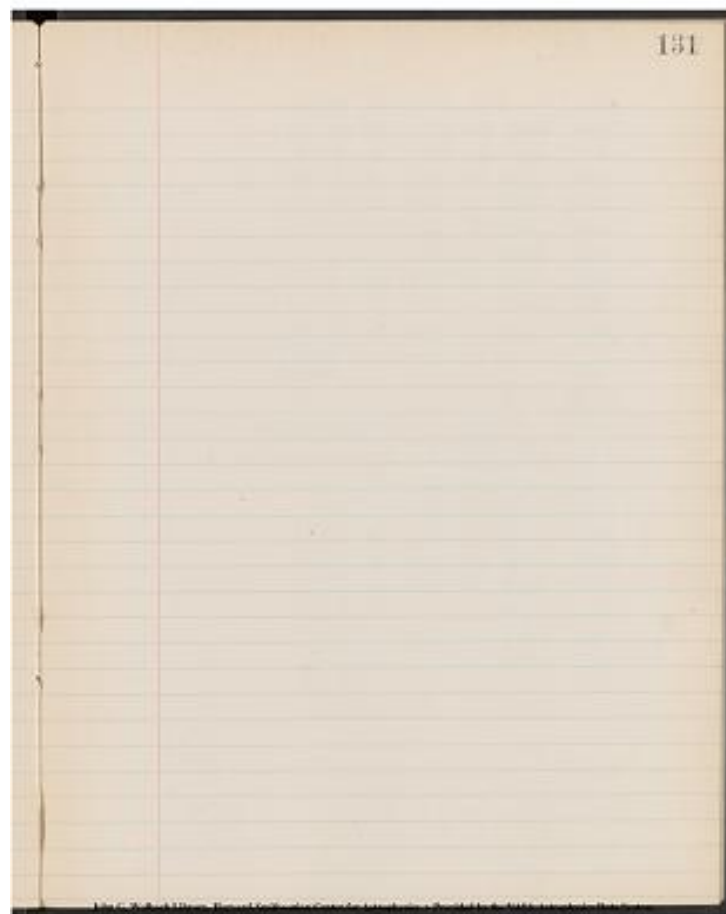
Plate 1548 F

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
4	3401	+42 32	5.3	6.6	+1	6.7
4	3382	+42 8	5.2	6.7	+1	6.8
4	3366	+34 12	4.8	5.3	+1	5.4
4	3419	+44 50	3.0	4.0	+1	4.1
4	3352	+36 5	5.1	6.0	+1	6.1
4	3272	+35 55	5.2	6.3	+1	6.4
4	3387	+36 41	6.0	6.6	+1	6.7
4	3254	+46 47	5.0	6.1	+1	6.2
4	3320	+37 14	6.1	6.9	+1	7.0
4	3291	+38				
56	4.5	5.4	+1	5.5	0	5.5
						109
						Mean = 11

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[[no entries]]



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Plates #33  
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Book 19Plate 1552 F.

[[9 columned table]]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
43462	+16 29	5.3	6.7	0	6.7	16   6
43424	+18 51	5.0	5.7	0	5.7	7   <u>1</u>
43372	+19 31	5.0	5.9	0	5.9	9   <del>2</del>
43342	+29 23	4.9	6.0	+1	6.1	12   4
43471	+30 39	5.4	5.9	+1	6.0	6   <u>2</u>
43433	+212 18	5.0	5.4	0	5.4	4   <u>4</u>
43449	+24 0	5.6	6.3	0	6.3	7   <u>1</u>
43443	+23 46	4.7	5.6	0	5.6	7   <u>1</u>
43366	+34 12	4.8	5.3	+1	5.4	<u>6</u>
<u>2</u>						<u>2</u>
						72   <u>1</u>
						Mean=8

Resid. |

43462	+16 29	5.3	6.7	0	6.7	16   6
43424	+18 51	5.0	5.7	0	5.7	7   <u>1</u>
43372	+19 31	5.0	5.9	0	5.9	9   <del>2</del>
43342	+29 23	4.9	6.0	+1	6.1	12   4
43471	+30 39	5.4	5.9	+1	6.0	6   <u>2</u>
43433	+212 18	5.0	5.4	0	5.4	4   <u>4</u>
43449	+24 0	5.6	6.3	0	6.3	7   <u>1</u>
43443	+23 46	4.7	5.6	0	5.6	7   <u>1</u>
43366	+34 12	4.8	5.3	+1	5.4	<u>6</u>
<u>2</u>						<u>2</u>
						72   <u>1</u>
						Mean=8

## Plate 1626 F.

[[9 columned table]]

43481	+27 26	4.9	6.0	+1	6.1	12   4
43424	+18 51	5.0	5.7	0	5.7	7   <u>1</u>
43372	+19 31	5.0	5.8	0	5.8	8   0
43671	+30 39	5.4	6.3	+1	6.4	10   2
43433	+22 18	5.0	5.6	0	5.6	6   <u>2</u>
43500	+23 16	5.3	6.0	0	6.0	7   <u>1</u>
43443	+23 46	4.7	5.3	0	5.3	6   <u>2</u>
43449	+24 0	5.6	6.4	0	6.4	8   0
43366	+34 12	4.8	5.3	+1	5.4	
<u>6</u>						<u>2</u>
						70   <u>1</u>
						Mean=8

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No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
43462	+16 29	5.3	6.7	0	6.7	16   6
43424	+18 51	5.0	5.7	0	5.7	7   <u>1</u>
43372	+19 31	5.0	5.9	0	5.9	9   <del>2</del>
43342	+29 23	4.9	6.0	+1	6.1	12   4
43471	+30 39	5.4	5.9	+1	6.0	6   <u>2</u>
43433	+212 18	5.0	5.4	0	5.4	4   <u>4</u>
43449	+24 0	5.6	6.3	0	6.3	7   <u>1</u>
43443	+23 46	4.7	5.6	0	5.6	7   <u>1</u>
43366	+34 12	4.8	5.3	+1	5.4	<u>6</u>
<u>2</u>						<u>2</u>
						72   <u>1</u>
						Mean=8

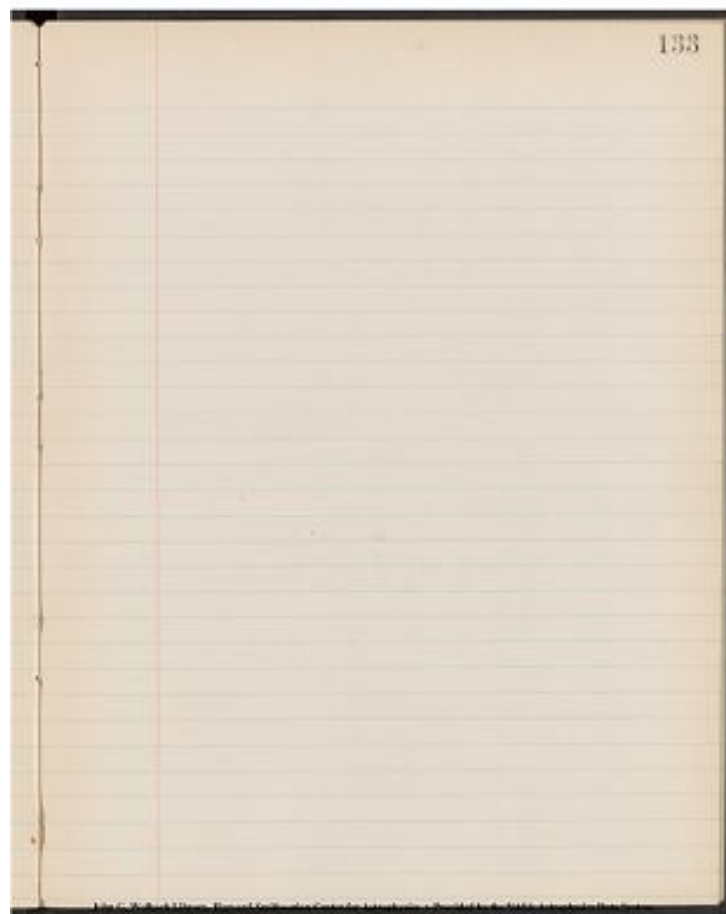
Plate 1626 F.

43481	+27 26	4.9	6.0	+1	6.1	12   4
43424	+18 51	5.0	5.7	0	5.7	7   <u>1</u>
43372	+19 31	5.0	5.8	0	5.8	8   0
43671	+30 39	5.4	6.3	+1	6.4	10   2
43433	+22 18	5.0	5.6	0	5.6	6   <u>2</u>
43500	+23 16	5.3	6.0	0	6.0	7   <u>1</u>
43443	+23 46	4.7	5.3	0	5.3	6   <u>2</u>
43449	+24 0	5.6	6.4	0	6.4	8   0
43366	+34 12	4.8	5.3	+1	5.4	
<u>6</u>						<u>2</u>
						70   <u>1</u>
						Mean=8

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 Plates #33  
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[[no entries]]



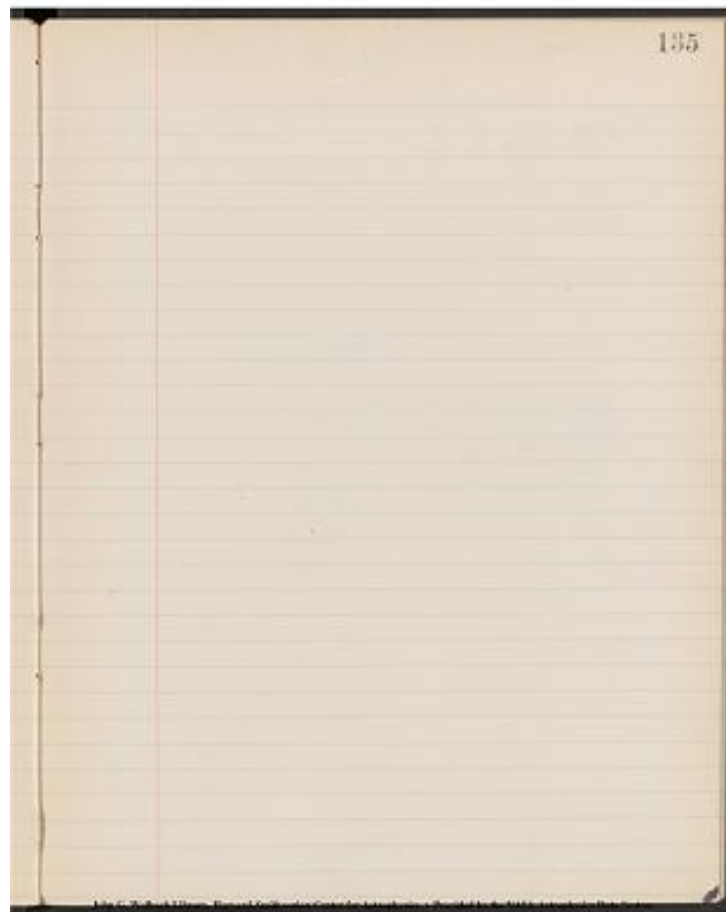
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Plates #33  
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[illegible]

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[[no entries]]



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Book 19

Plate 1490 F.

[[9 columned table]]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
3785	+27 5	5.4	6.2				
3861	+29 37	5.0	6.6				

Plate 1689 F.

[[9 columned table]]

4	3329	+26 2	5.0	6.2	0	6.2	12	<u>3</u>
4	3377	+29 12	5.4	7.2	+ 1	7.3	19	6
4	3372	+19 31	5.0	6.5	0	6.5	15	0
4	3362	+29						
23	4.9	6.2	+ 1	6.3	<u>14</u>	<u>1</u>	<u>1</u>	<u>1</u>
					60			
					Mean = 15			

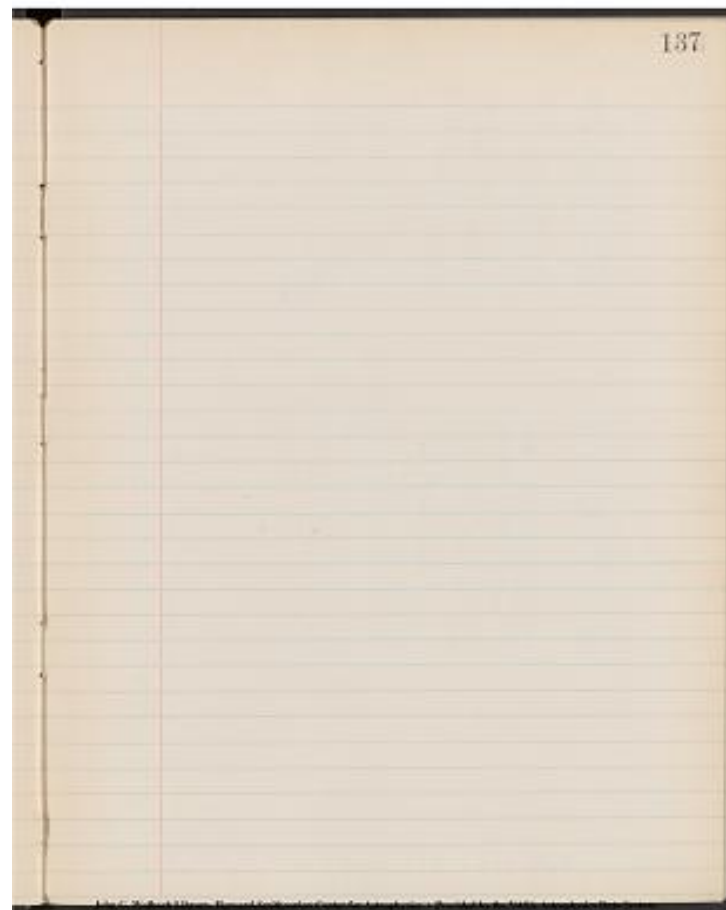
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[[no entries]]



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Book 19

Plate 1694 F.

[[9 columned table]]

| No. | Dec. | Mag. | Obs. Br. | Cor. delta | Obs. Br. + Cor. delta | Diff. |  
Resid. |

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4 3300	+21 11	4.7	6.4	0	6.4	17	5
4 3298	+14 20	5.4	7.0	0	7.0	16	4
4 3329	+26 2	5.0	5.8	0	5.8	8	<u>4</u>
4 3372	+19 31	5.0	6.0	0	6.0	10	<u>2</u>
4 3342	+29 23	4.9	5.7	+1	5.8	9	<u>3</u>
4 3351	+19 52	5.4	6.7	0	6.7	13	1
4 3300	+21 11	4.7	5.8	0	5.8	11	<u>1</u>
							84
							Mean = 1.2

Plate 1488 F.

[[9 columned table]]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4 3527	+46 27	4.9	6.6	+2	6.8	19	4
4 3529	+36 27	5.0	6.9	+1	7.0	20	5
4 3587	+48 33	5.0	6.0	+2	6.2	12	<u>3</u>
4 3636	+49 55	5.4	6.5	+2	6.7	13	<u>2</u>
4 3632	+41 17	5.5	6.7	+2	6.9	14	<u>1</u>
4 3665	+43 36	5.0	6.6	+2	6.8	18	3
4 3601	+46 17	5.6	6.8	+2	7.0	14	<u>1</u>
4 3532	+56 12	4.4	5.3	+3	5.6	12	<u>3</u>
4 3527	+46 27	4.9	6.4	+2	6.6	17	12
							139
							Mean = 1.5

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[[no entries]]



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Book 19

Plate 1635 G.

[[9 columned table]]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3616	+20 47	4.8	5.3	0	5.3	5
4	3619	+23 42	5.1	5.9	0	5.9	8
4	3560	+24 4	5.4	6.5	0	6.5	11
4	3606	+26 3	5.6	6.8	0	6.8	12

3

45

5

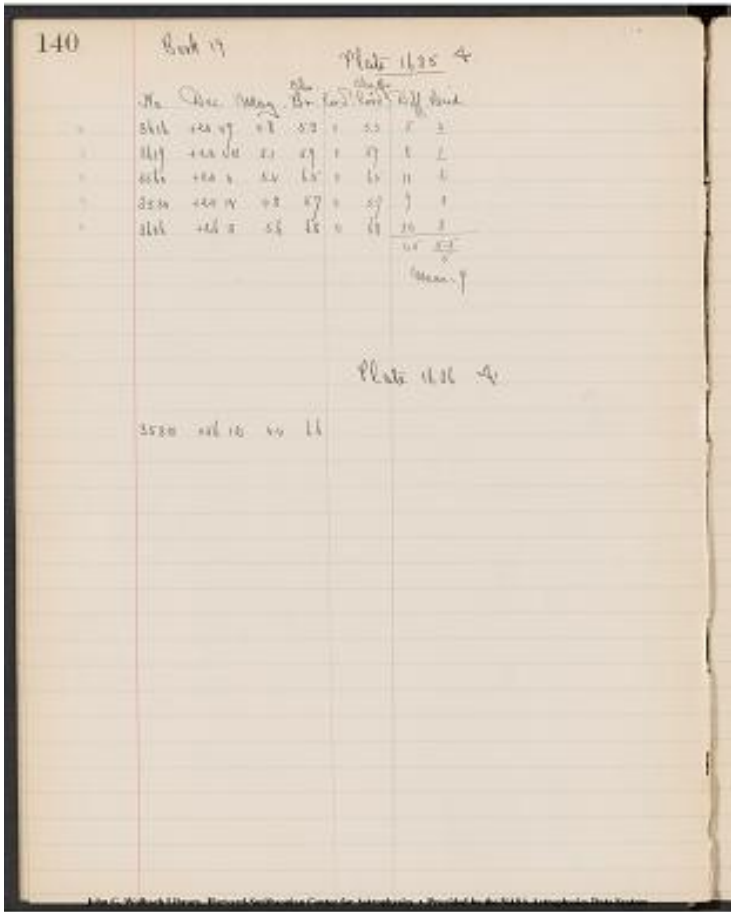
Mean=9

Plate 1636 G.

[[4 columned table]]

3532	+56 12	4.4	6.6
------	--------	-----	-----

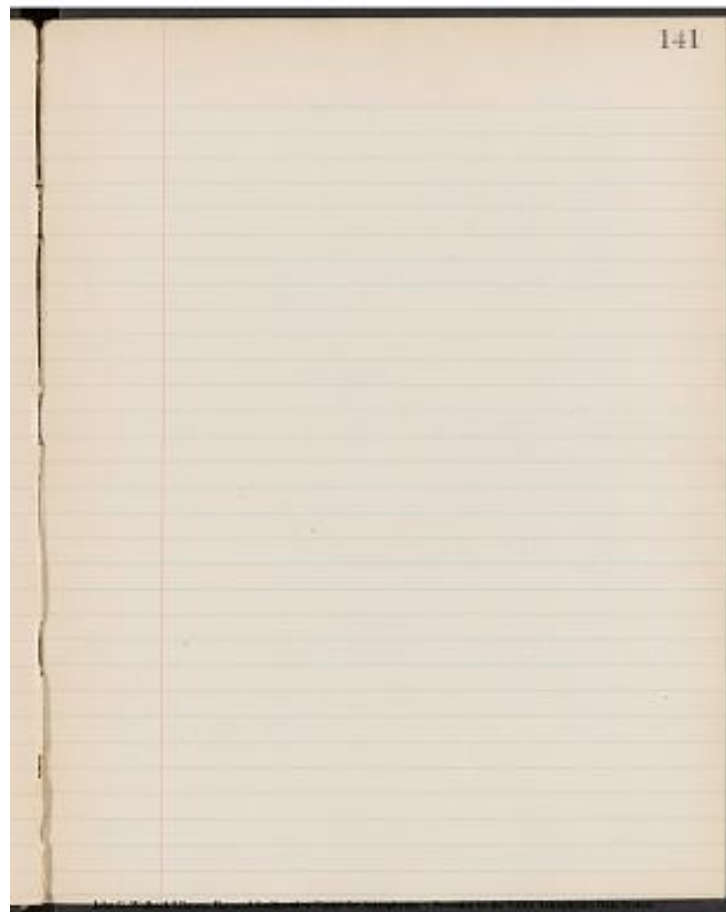
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[[no entries]]



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Book 19Plate 1582 F.

[9 columned table]

	No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3680	+12 7	5.4	6.9	0	6.9	15	6
4	3619	+23 42	5.1	5.8	0	5.8	7	2
4	3600	+14 16	4.7	5.8	0	5.8	11	2
4	3635	+14 39	4.6	5.7	0	5.7	11	2
4	3624	+15 29	4.0	4.5	0	6.2	6	4
4	3606	+26 3	5.6	6.2	0	6.2	6	3
4	3616	+20 47	4.8	5.6	0	5.6	8	1
						63	10-10	7
								Mean = 9

4	3680	+12 7	5.4	6.9	0	6.9	15	6
4	3619	+23 42	5.1	5.8	0	5.8	7	2
4	3600	+14 16	4.7	5.8	0	5.8	11	2
4	3635	+14 39	4.6	5.7	0	5.7	11	2
4	3624	+15 29	4.0	4.5	0	6.2	6	4
4	3606	+26 3	5.6	6.2	0	6.2	6	3
4	3616	+20 47	4.8	5.6	0	5.6	8	1
						63	10-10	7
								Mean = 9

Plate 1583 F.

[9 columned table]

	No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3632	+41 17	5.5	6.7	+2	6.9	14	7
4	3673	+43 56	4.6	5.4	+2	5.6	10	3
4	3665	+43 36	5.0	5.8	+2	6.0	10	3
4	3705	+45 41	5.2	5.5	+2	5.7	5	2
4	3655	+36 3	4.6	5.0	+1	5.1	5	2
4	3601	+46 17	5.6	6.2	+2	6.4	8	1
4	3587	+48 33	5.0	5.4	+2	5.6	6	1
4	3578	+38 3	5.5	6.5	+1	6.6	11	4
4	3579	+48 59	5.6	6.7	+2	5.9	3	4
4	3698	+50 0	5.5	5.8	+2	6.0	5	2
4	3636	+49 55	5.4	5.6	+2	5.8	4	3
4	3625	+40 9	6.1	6.6	+1	6.7	6	1
4	3687	+40 42	4.1	4.3	+2	4.5	4	3
						91	18-18	13
								Mean = 7

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Book 19

Plate 1582 F.

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3680	+12 7	5.4	6.9	0	6.9	15
4	3619	+23 42	5.1	5.8	0	5.8	7
4	3600	+14 16	4.7	5.8	0	5.8	11
4	3635	+14 39	4.6	5.7	0	5.7	11
4	3624	+15 29	4.0	4.5	0	6.2	6
4	3606	+26 3	5.6	6.2	0	6.2	6
4	3616	+20 47	4.8	5.6	0	5.6	8
						63	10-10
							Mean = 9

Plate 1583 F.

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3632	+41 17	5.5	6.7	+2	6.9	14
4	3673	+43 56	4.6	5.4	+2	5.6	10
4	3665	+43 36	5.0	5.8	+2	6.0	10
4	3705	+45 41	5.2	5.5	+2	5.7	5
4	3655	+36 3	4.6	5.0	+1	5.1	5
4	3601	+46 17	5.6	6.2	+2	6.4	8
4	3587	+48 33	5.0	5.4	+2	5.6	6
4	3578	+38 3	5.5	6.5	+1	6.6	11
4	3579	+48 59	5.6	6.7	+2	5.9	3
4	3698	+50 0	5.5	5.8	+2	6.0	5
4	3636	+49 55	5.4	5.6	+2	5.8	4
4	3625	+40 9	6.1	6.6	+1	6.7	6
4	3687	+40 42	4.1	4.3	+2	4.5	4
						91	18-18
							Mean = 7

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[[no entries]]



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Book 19

Plate 1554 F

[8 columned table]

No. | Dec. | Mag. | Obs. Br. | Cor. delta | Obs. Br. + Cor. delta | Diff. |  
Resid. |

3773	+23 46	5.6	6.5	0	6.5	9	0
3785	+27 5	5.4	6.3	+1	6.4	10	1
3724	+29 43	5.5	6.2	+1	6.3		

18 | 1

Mean 9

Plate 1487 F.

[8 columned table]

3616	+20 47	4.8	5.8	0	5.8	10	<u>2</u>
3619	+23 42	5.1	6.4	0	6.4	13	1
3655	+36 3	4.6	5.7	+1	5.8	<u>12</u>	0

13 | ~~6~~ | ~~5~~ | 12

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144							
Book 19							
Plate 1554 F							
No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
3773	+23 46	5.6	6.5	0	6.5	9	0
3785	+27 5	5.4	6.3	+1	6.4	10	1
3724	+29 43	5.5	6.2	+1	6.3		
						<u>18</u>	<u>1</u>
						Mean	9
Plate 1487 F							
3616	+20 47	4.8	5.8	0	5.8	10	<u>2</u>
3619	+23 42	5.1	6.4	0	6.4	13	1
3655	+36 3	4.6	5.7	+1	5.8	<u>12</u>	0
						<u>13</u>	<u>1</u>
						<del>6</del>	<del>5</del>
						Mean	9

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[[no entries]]



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Book 19

Plate 1626 G.

[8 columned table]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
3724	+29 43	5.5	6.8	---	---	---	---
3655	+36 3	4.6	5.8	---	---	---	---

Plate 1637. G.

[9 columned table]

4	3785	+27 5	5.4	7.0	+1	7.1	17	7
4	3724	+29 43	5.5	6.4	+1	6.5	10	0
6	3760	+32 6	6.1	6.8	+1	6.9	8	<u>2</u>
6	3747	+34 24	4.4	5.1	+1	5.2	8	<u>2</u>
4	3655	+36 3	4.6	5.4	+1	5.5	<u>9</u>	<u>9</u>
								<u>1</u>
								<u>52</u>
								<u>7-5</u>
								5
								Mean = 10

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Book 19

Plate 1626 G.

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
3724	+29 43	5.5	6.8	---	---	---	---
3655	+36 3	4.6	5.8	---	---	---	---

Plate 1637. G.

4	3785	+27 5	5.4	7.0	+1	7.1	17	7
4	3724	+29 43	5.5	6.4	+1	6.5	10	0
6	3760	+32 6	6.1	6.8	+1	6.9	8	<u>2</u>
6	3747	+34 24	4.4	5.1	+1	5.2	8	<u>2</u>
4	3655	+36 3	4.6	5.4	+1	5.5	<u>9</u>	<u>9</u>
								<u>1</u>
								<u>52</u>
								<u>7-5</u>
								5
								Mean = 10

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[[no entries]]



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Book 19

Plate 1555 F

[9 columned table]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
4	3786	+48 19	5.3	+2	6.3	10
4	3754	+49 0	5.4	+2	6.5	11
4	3698	+50 0	5.5	+2	6.2	7
4	3636	+49 55	5.4	+2	6.3	9
4	3687	+40 42	4.1	+2	5.0	9
4	3663	+51 28	6.4	+3	6.7	3
4	3746	+42 11	6.0	+2	6.8	8
4	3787	+52 22	5.7	+3	6.7	10
4	3730	+53 4	5.7	+3	6.3	6
4	3750	+43 26	5.0	+2	5.8	8
4	3748	+53 30	6.0	+3	6.9	9
4	3665	+43 36	5.0	+2	6.2	12
4	3673	+43 56	4.6	+2	5.5	9
4	3711	+56 11	5.9	+3	6.7	8
4	3781	+46 12	5.5	+2	7.2	17
			136	15-14	15	
			Mean = .9			

Plate 1627 F.

[9 columned table]

4	3786	+48 19	5.3	+2	7.0	17
4	3745	+38 53	4.3	+1	5.7	14
4	3698	+50 0	5.5	+2	6.6	11
4	3636	+49 55	5.4	+2	6.5	11
4	3687	+40 42	4.1	+2	4.9	8
4	3746	+42 11	6.0	+2	7.2	12
4	3730	+53 4	5.7	+3	6.9	12
4	3665	+42 36	5.0	+2	6.5	15
4	3673	+43 56	4.6	+2	5.6	10
4	3711	+56 11	5.9	+3	7.0	11
			121	10-9	10	
			Mean = 12			

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Dec 19

Plate 1555 F

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
4	3786	+48 19	5.3	+2	6.3	10
4	3754	+49 0	5.4	+2	6.5	11
4	3698	+50 0	5.5	+2	6.2	7
4	3636	+49 55	5.4	+2	6.3	9
4	3687	+40 42	4.1	+2	5.0	9
4	3663	+51 28	6.4	+3	6.7	3
4	3746	+42 11	6.0	+2	6.8	8
4	3787	+52 22	5.7	+3	6.7	10
4	3730	+53 4	5.7	+3	6.3	6
4	3750	+43 26	5.0	+2	5.8	8
4	3748	+53 30	6.0	+3	6.9	9
4	3665	+43 36	5.0	+2	6.2	12
4	3673	+43 56	4.6	+2	5.5	9
4	3711	+56 11	5.9	+3	6.7	8
4	3781	+46 12	5.5	+2	7.2	17
			136	15-14	15	
			Mean = .9			

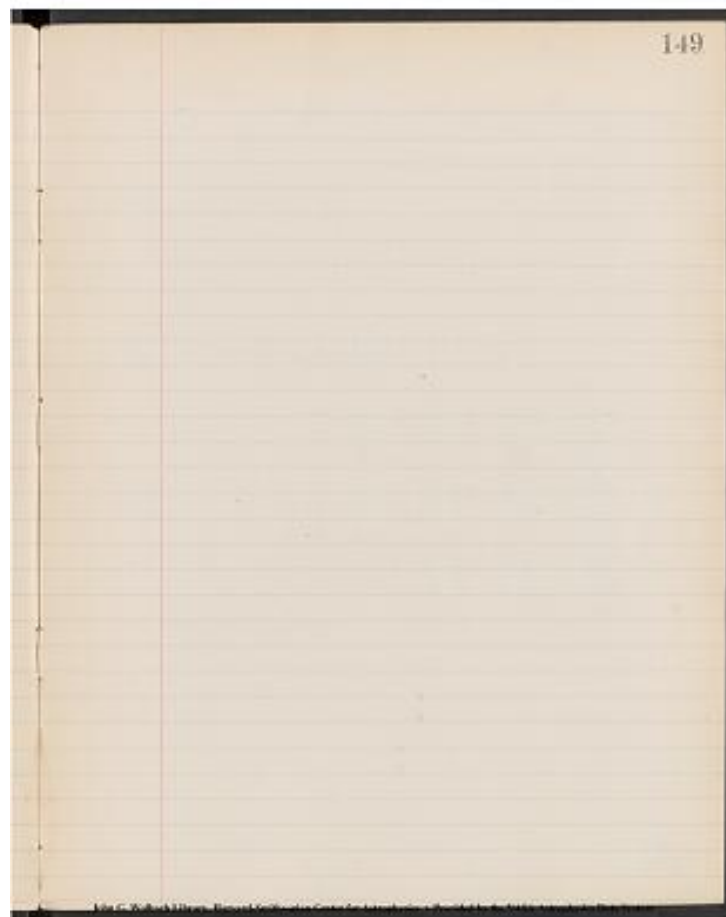
Plate 1627 F

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
4	3786	+48 19	5.3	+2	7.0	17
4	3745	+38 53	4.3	+1	5.7	14
4	3698	+50 0	5.5	+2	6.6	11
4	3636	+49 55	5.4	+2	6.5	11
4	3687	+40 42	4.1	+2	4.9	8
4	3746	+42 11	6.0	+2	7.2	12
4	3730	+53 4	5.7	+3	6.9	12
4	3665	+42 36	5.0	+2	6.5	15
4	3673	+43 56	4.6	+2	5.6	10
4	3711	+56 11	5.9	+3	7.0	11
			121	10-9	10	
			Mean = 12			

Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
 Plates #33  
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[[no entries]]



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
Plates #33  
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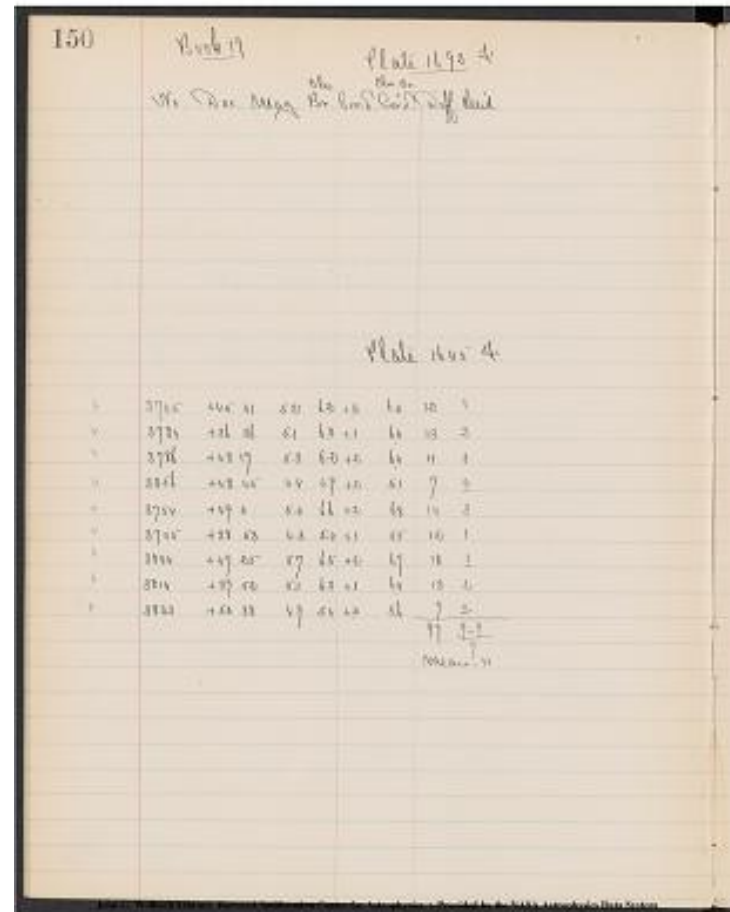
Book 19

Plate 1692 F

	No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
Resid.							

Plate 1645 F

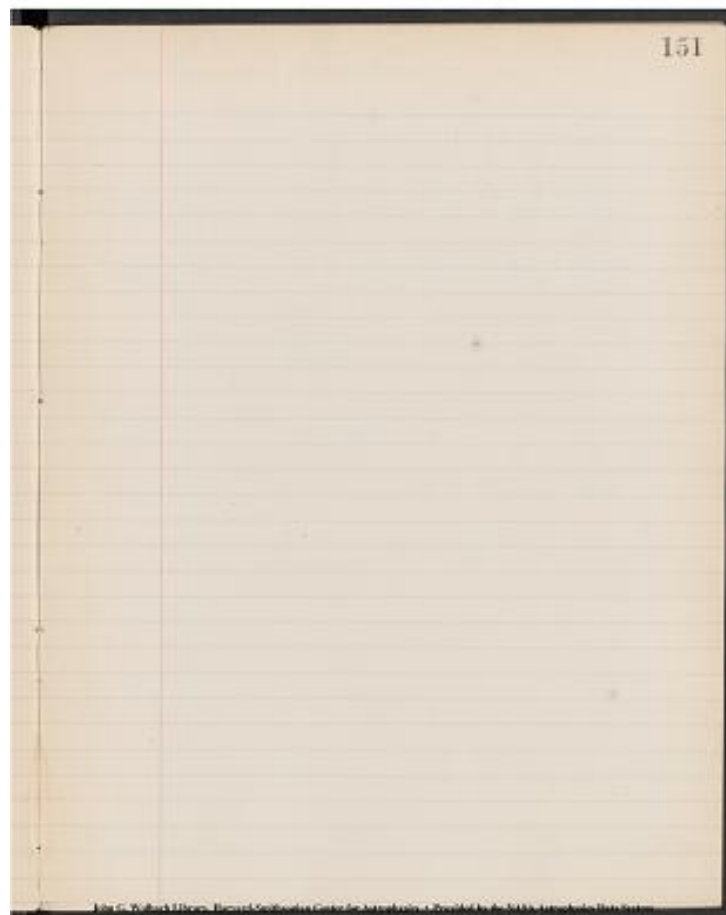
4	3705	+45 41	5.2	6.2	+2	6.4	12	1
4	3784	+36 36	5.1	6.3	+1	6.4	13	2
4	3786	+48 19	5.3	6.2	+2	6.4	11	0
4	3856	+48 45	4.4	4.9	+2	5.1	7	<u>4</u>
4	3754	+49 0	5.4	6.6	+2	6.8	14	3
4	3745	+38 53	4.3	5.6	+1	5.5	12	1
4	3804	+49 25	5.7	6.5	+2	6.7	10	<u>1</u>
4	3814	+39 52	5.1	6.3	+1	6.4	13	2
4	3833	+38 38	4.9	5.4	+2	5.6	7	<u>4</u>
							99	<u>9-9</u>
							9	
							Mean =	11



Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum Plates #33  
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[[no entries]]



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Plates #33  
Transcribed and Reviewed by Digital Volunteers  
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Book 19

Plate 1638 F

| | No. | Dec. | Mag. | Obs. Br. | Cor. delta | Obs. Br. + Cor. delta | Diff. |  
Resid. |

4| 3701 | +47 3 | 4.6| 6.3 | +2 | 6.5| 19 | 6  
4| 3745 | +38 53 | 4.3| 5.4 | +.1| 5.5| 12 | 11  
4| 3698 | +50 0| 5.5| 6.5| +2| 6.7| 12| 1 1  
4| 3687 | +40 42| 4.1 | 4.6| +2| 4.8| 7| 6 1  
4| 3730 | +53 4| 5.7| 6.7| +3| 7.0| 13| 0  
4| 3750 | +43 26| 5.0| 5.9| +2| 6.1| 11| 2 1  
4| 3665 | +43 36| 5.0| 6.6| +2| 6.8| 18| 5  
4| 3705 | +45 41| 5.2| 6.4| +2| 6.6| 1 equation 14 1/ 106 12-10/ 8]

mean= 13

plate 1679

3785| +27 5 | 5.4 | 6.9| +.1| 7.0| 16| 0

mean= 16

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Book 19

Plate 1638 F

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
3701	+47 3	4.6	6.3	+2	6.5	19
3745	+38 53	4.3	5.4	+.1	5.5	12
3698	+50 0	5.5	6.5	+2	6.7	12
3687	+40 42	4.1	4.6	+2	4.8	7
3730	+53 4	5.7	6.7	+3	7.0	13
3750	+43 26	5.0	5.9	+2	6.1	11
3665	+43 36	5.0	6.6	+2	6.8	18
3705	+45 41	5.2	6.4	+2	6.6	1

equation 14 1/ 106 12-10/ 8]

mean= 13

Plate 1679

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.
3785	+27 5	5.4	6.9	+.1	7.0	16

mean= 16

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Plates #33  
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[[No Entries]]

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Book 19

Plate 1687 F

[9 columned table]

| No. | Dec. | Mag. | Obs. Br. | Cor. delta | Obs. Br. + Cor. delta | Diff. |  
Resid. |

3785	+27 5	5.4	6.9	+1	7.0	16	0
							Mean = 16

Plate 1674 F.

[9 columned table]

4 | 3747 | +34 24 | 4.4 | 5.4 | +1 | 5.5 | 11 | 1

4 | 3784 | +36 36 | 5.1 | 6.1 | +1 | 6.2 | 11 | 1

4 | 3837 | +37 44 | 5.5 | 6.5 | +1 | 6.6 | 11 | 1

4	3786	+48 19	5.3	6.3	+2	6.5	12	0
4	3745	+38 53	4.3	5.6	+1	5.7	14	2
4	3804	+49 25	5.7	6.8	+2	7.0	13	1
4	3814	+39 52	5.1	6.2	+1	6.3	12	0
							84	3-3 / 7
							Mean = 12	

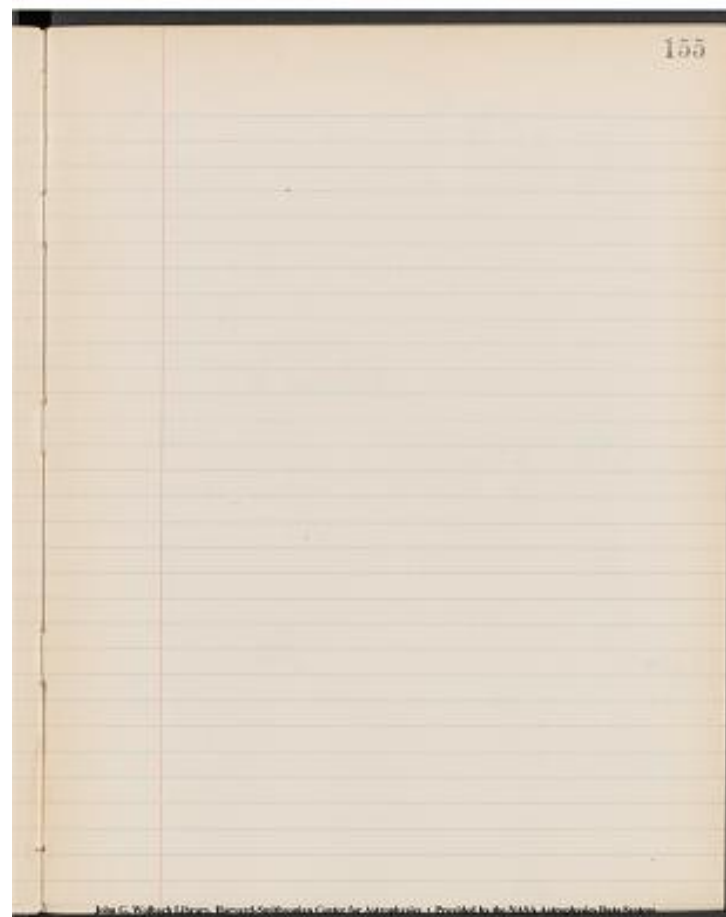
John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics  
• Provided by the NASA Astrophysics Data System



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[[no entries]]



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Book 19

Plate 1604. F.

[4 columned table]

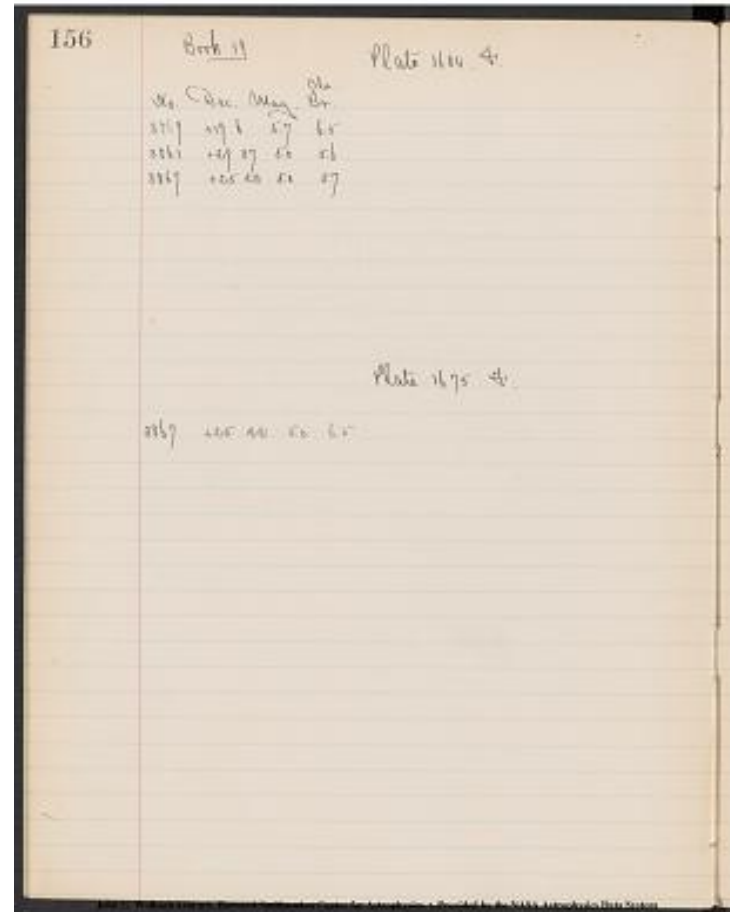
No.	Dec.	Mag.	Obs. Br.
3869	+19 6	5.7	6.5
3861	+29 37	5.0	5.6
3867	+25 22	5.0	5.7

Plate 1675 F.

[4 columned table]

3867	+25 22	5.0	6.5
------	--------	-----	-----

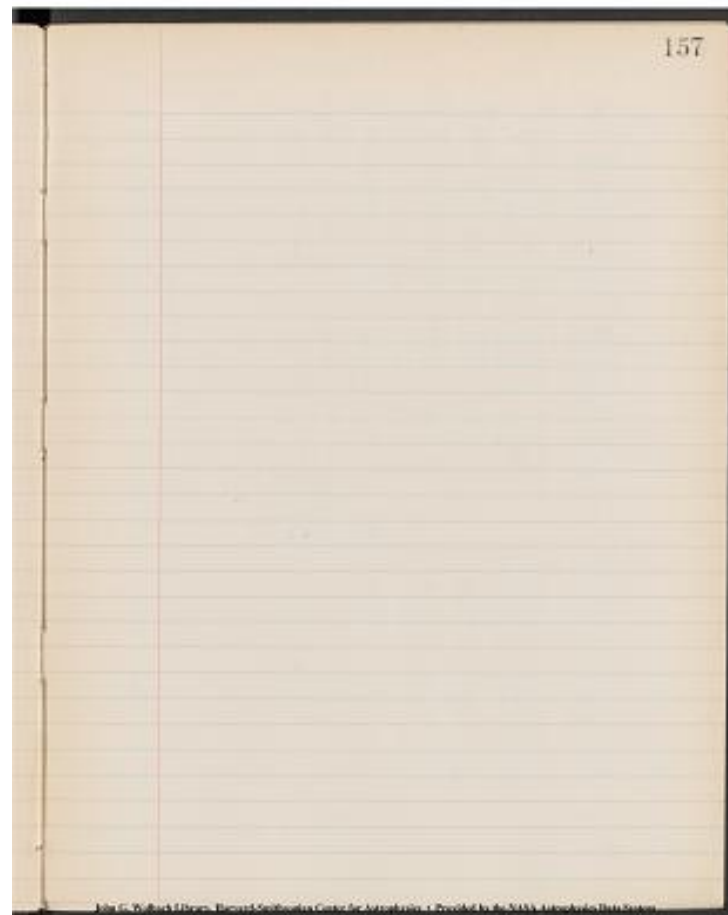
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Plates #33  
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[[no entries]]

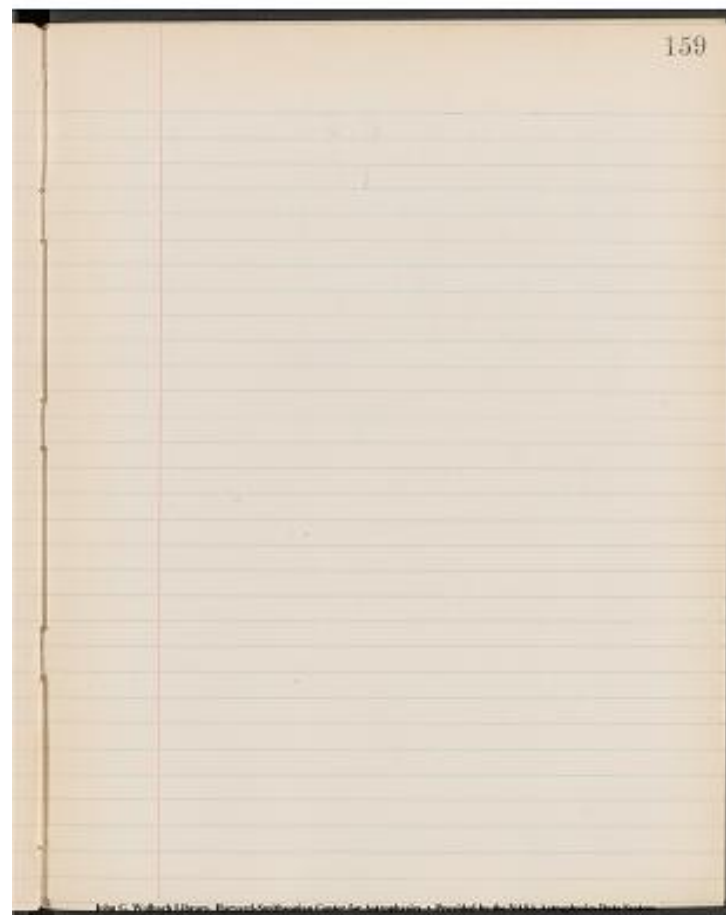


Project PHaEDRA - Williamina P. Fleming - C Standard Stars on Spectrum  
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[[no entries]]



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Plates #33  
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Book 19Plate 1557 F

[9 columned table]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3937	+42 21	5.7	6.4	+2	6.6	9   3
4	3985	+42 30	4.6	5.3	+2	5.5	9   3
4	3895	+44 4	5.6	5.8	+2	6.0	4   <u>2</u>
4	3936	+44 51	5.8	+2	5.8	0	6   <u>6</u>
4	3953	+45 56	4.8	5.0	+2	5.2	4   <u>2</u>
4	3962	+48 45	4.6	5.0	+2	5.2	6   0
4	3856	+48 45	4.4	4.7	+2	4.9	5   <u>1</u>
4	3922	+50 14	5.4	6.0	+2	6.2	8   2
4	3833	+50 38	4.9	4.9	5.3	+2	5.5   6   0
			51	8-11	9		
						Mean = .6	

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3937	+42 21	5.7	6.4	+2	6.6	9   3
4	3985	+42 30	4.6	5.3	+2	5.5	9   3
4	3895	+44 4	5.6	5.8	+2	6.0	4   <u>2</u>
4	3936	+44 51	5.8	+2	5.8	0	6   <u>6</u>
4	3953	+45 56	4.8	5.0	+2	5.2	4   <u>2</u>
4	3962	+48 45	4.6	5.0	+2	5.2	6   0
4	3856	+48 45	4.4	4.7	+2	4.9	5   <u>1</u>
4	3922	+50 14	5.4	6.0	+2	6.2	8   2
4	3833	+50 38	4.9	4.9	5.3	+2	5.5   6   0
			51	8-11	9		
						Mean = .6	

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3937	+42 21	5.7	6.4	+2	6.6	9   3
4	3985	+42 30	4.6	5.3	+2	5.5	9   3
4	3895	+44 4	5.6	5.8	+2	6.0	4   <u>2</u>
4	3936	+44 51	5.8	+2	5.8	0	6   <u>6</u>
4	3953	+45 56	4.8	5.0	+2	5.2	4   <u>2</u>
4	3962	+48 45	4.6	5.0	+2	5.2	6   0
4	3856	+48 45	4.4	4.7	+2	4.9	5   <u>1</u>
4	3922	+50 14	5.4	6.0	+2	6.2	8   2
4	3833	+50 38	4.9	4.9	5.3	+2	5.5   6   0
			51	8-11	9		
						Mean = .6	

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3937	+42 21	5.7	6.4	+2	6.6	9   3
4	3985	+42 30	4.6	5.3	+2	5.5	9   3
4	3895	+44 4	5.6	5.8	+2	6.0	4   <u>2</u>
4	3936	+44 51	5.8	+2	5.8	0	6   <u>6</u>
4	3953	+45 56	4.8	5.0	+2	5.2	4   <u>2</u>
4	3962	+48 45	4.6	5.0	+2	5.2	6   0
4	3856	+48 45	4.4	4.7	+2	4.9	5   <u>1</u>
4	3922	+50 14	5.4	6.0	+2	6.2	8   2
4	3833	+50 38	4.9	4.9	5.3	+2	5.5   6   0
			51	8-11	9		
						Mean = .6	

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3937	+42 21	5.7	6.4	+2	6.6	9   3
4	3985	+42 30	4.6	5.3	+2	5.5	9   3
4	3895	+44 4	5.6	5.8	+2	6.0	4   <u>2</u>
4	3936	+44 51	5.8	+2	5.8	0	6   <u>6</u>
4	3953	+45 56	4.8	5.0	+2	5.2	4   <u>2</u>
4	3962	+48 45	4.6	5.0	+2	5.2	6   0
4	3856	+48 45	4.4	4.7	+2	4.9	5   <u>1</u>
4	3922	+50 14	5.4	6.0	+2	6.2	8   2
4	3833	+50 38	4.9	4.9	5.3	+2	5.5   6   0
			51	8-11	9		
						Mean = .6	

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3937	+42 21	5.7	6.4	+2	6.6	9   3
4	3985	+42 30	4.6	5.3	+2	5.5	9   3
4	3895	+44 4	5.6	5.8	+2	6.0	4   <u>2</u>
4	3936	+44 51	5.8	+2	5.8	0	6   <u>6</u>
4	3953	+45 56	4.8	5.0	+2	5.2	4   <u>2</u>
4	3962	+48 45	4.6	5.0	+2	5.2	6   0
4	3856	+48 45	4.4	4.7	+2	4.9	5   <u>1</u>
4	3922	+50 14	5.4	6.0	+2	6.2	8   2
4	3833	+50 38	4.9	4.9	5.3	+2	5.5   6   0
			51	8-11	9		
						Mean = .6	

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3937	+42 21	5.7	6.4	+2	6.6	9   3
4	3985	+42 30	4.6	5.3	+2	5.5	9   3
4	3895	+44 4	5.6	5.8	+2	6.0	4   <u>2</u>
4	3936	+44 51	5.8	+2	5.8	0	6   <u>6</u>
4	3953	+45 56	4.8	5.0	+2	5.2	4   <u>2</u>
4	3962	+48 45	4.6	5.0	+2	5.2	6   0
4	3856	+48 45	4.4	4.7	+2	4.9	5   <u>1</u>
4	3922	+50 14	5.4	6.0	+2	6.2	8   2
4	3833	+50 38	4.9	4.9	5.3	+2	5.5   6   0
			51	8-11	9		
						Mean = .6	

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3937	+42 21	5.7	6.4	+2	6.6	9   3
4	3985	+42 30	4.6	5.3	+2	5.5	9   3
4	3895	+44 4	5.6	5.8	+2	6.0	4   <u>2</u>
4	3936	+44 51	5.8	+2	5.8	0	6   <u>6</u>
4	3953	+45 56	4.8	5.0	+2	5.2	4   <u>2</u>
4	3962	+48 45	4.6	5.0	+2	5.2	6   0
4	3856	+48 45	4.4	4.7	+2	4.9	5   <u>1</u>
4	3922	+50 14	5.4	6.0	+2	6.2	8   2
4	3833	+50 38	4.9	4.9	5.3	+2	5.5   6   0
			51	8-11	9		
						Mean = .6	

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3937	+42 21	5.7	6.4	+2	6.6	9   3
4	3985	+42 30	4.6	5.3	+2	5.5	9   3
4	3895	+44 4	5.6	5.8	+2	6.0	4   <u>2</u>
4	3936	+44 51	5.8	+2	5.8	0	6   <u>6</u>
4	3953	+45 56	4.8	5.0	+2	5.2	4   <u>2</u>
4	3962	+48 45	4.6	5.0	+2	5.2	6   0
4	3856	+48 45	4.4	4.7	+2	4.9	5   <u>1</u>
4	3922	+50 14	5.4	6.0	+2	6.2	8   2
4	3833	+50 38	4.9	4.9	5.3	+2	5.5   6   0
			51	8-11	9		
						Mean = .6	

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3937	+42 21	5.7	6.4	+2	6.6	9   3
4	3985	+42 30	4.6	5.3	+2	5.5	9   3
4	3895	+44 4	5.6	5.8	+2	6.0	4   <u>2</u>
4	3936	+44 51	5.8	+2	5.8	0	6   <u>6</u>
4	3953	+45 56	4.8	5.0	+2	5.2	4   <u>2</u>
4	3962	+48 45	4.6	5.0	+2	5.2	6   0
4	3856	+48 45	4.4	4.7	+2	4.9	5   <u>1</u>
4	3922	+50 14	5.4	6.0	+2	6.2	8   2
4	3833	+50 38	4.9	4.9	5.3	+2	5.5   6   0
			51	8-11	9		
						Mean = .6	

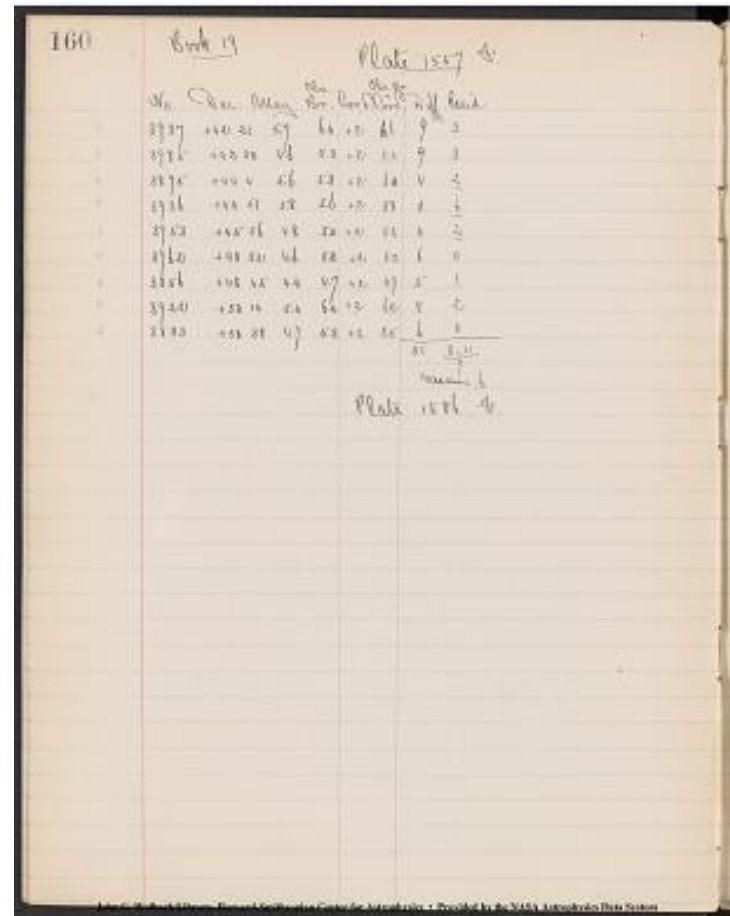
No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3937	+42 21	5.7	6.4	+2	6.6	9   3
4	3985	+42 30	4.6	5.3	+2	5.5	9   3
4	3895	+44 4	5.6	5.8	+2	6.0	4   <u>2</u>
4	3936	+44 51	5.8	+2	5.8	0	6   <u>6</u>
4	3953	+45 56	4.8	5.0	+2	5.2	4   <u>2</u>
4	3962	+48 45	4.6	5.0	+2	5.2	6   0
4	3856	+48 45	4.4	4.7	+2	4.9	5   <u>1</u>
4	3922	+50 14	5.4	6.0	+2	6.2	8   2
4	3833	+50 38	4.9	4.9	5.3	+2	5.5   6   0
			51	8-11	9		
						Mean = .6	

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3937	+42 21	5.7	6.4	+2	6.6	9   3
4	3985	+42 30	4.6	5.3	+2	5.5	9   3
4	3895	+44 4	5.6	5.8	+2	6.0	4   <u>2</u>
4	3936	+44 51	5.8	+2	5.8	0	6   <u>6</u>
4	3953	+45 56	4.8	5.0	+2	5.2	4   <u>2</u>
4	3962	+48 45	4.6	5.0	+2	5.2	6   0
4	3856	+48 45	4.4	4.7	+2	4.9	5   <u>1</u>
4	3922	+50 14	5.4	6.0	+2	6.2	8   2
4	3833	+50 38	4.9	4.9	5.3	+2	5.5   6   0
			51	8-11	9		
						Mean = .6	

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4	3937	+42 21	5.7	6.4	+2	6.6	9   3
4	3985	+42 30	4.6	5.3	+2	5.5	9   3
4	3895	+44 4	5.6	5.8	+2	6.0	4   <u>2</u>
4	3936	+44 51	5.8	+2	5.8	0	6   <u>6</u>
4	3953	+45 56	4.8	5.0	+2	5.2	4   <u>2</u>
4	3962	+48 45	4.6	5.0	+2	5.2	6   0
4	3856	+48 45	4.4	4.7	+2	4.9	5   <u>1</u>
4	3922	+50 14	5.4	6.0	+2	6.2	8   2
4	3833	+50 38	4.9	4.9	5.3	+2	5.5   6   0
			51	8-11	9		
						Mean = .6	

Plate 1586. F.

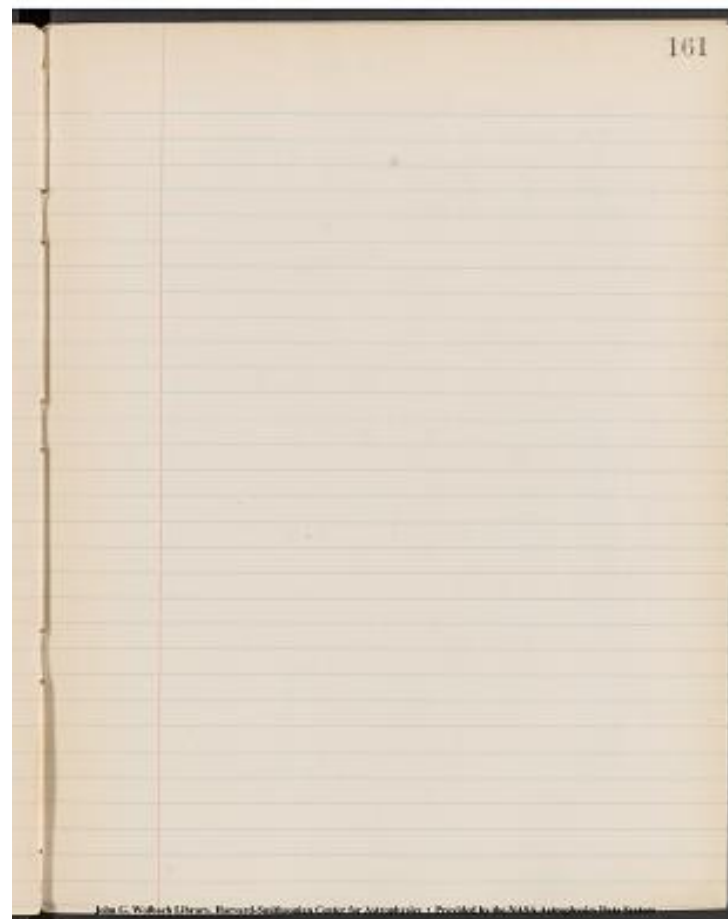
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[[no entries]]



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Book 19

Plate 1666 F

[9 columned table]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
43952	+27 44	4.9	5.6	+1	5.7	8	0
44015	+28 40	4.9	5.5	+1	5.6	7	1
44006	+19 3	6.1	7.1	0	7.1	10	2
43979	+31 57	5.5	6.2	+1	6.3	8	0
						33	2-1
						4	
						Mean = .8	

Plate 1640 F.

[9 columned table]

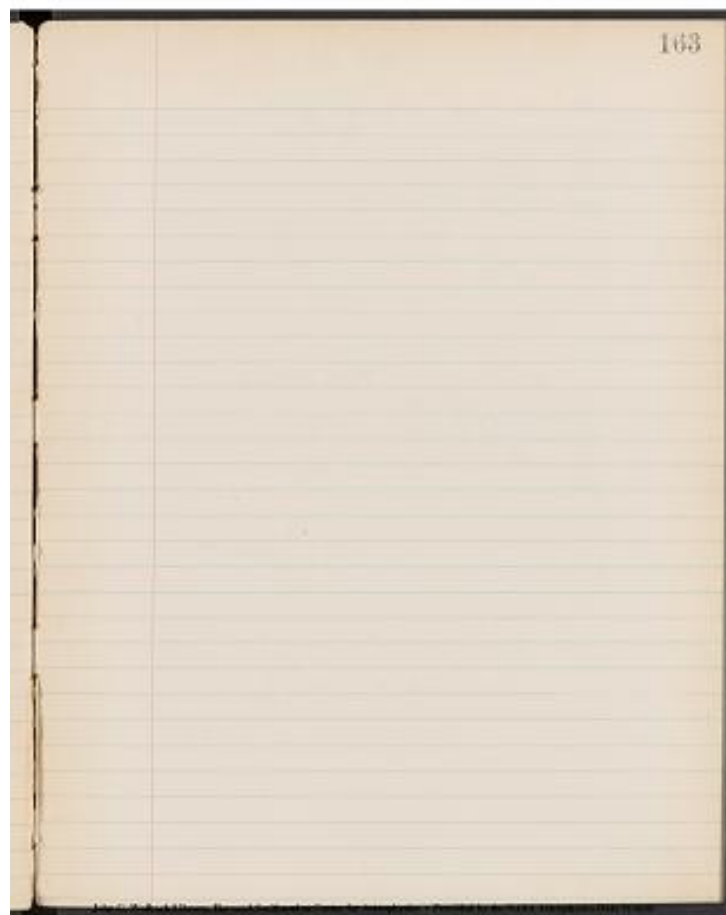
No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
44005	+38 26	5.0	5.6	+1	5.7	7	1
43997	+39 1	5.3	5.9	+1	6.0	7	1
43962	+48 52	4.6	5.4	+2	5.6	10	2
43966	+39 12	6.1	6.8	+1	6.9	8	0
44014	+39 37	5.1	6.0	+1	6.1	10	2
43987	+49 40	3.9	4.2	+2	4.4	5	3
43922	+50 14	5.4	6.3	+2	6.5	11	3
44001	+50 56	4.8	5.7	+2	5.9	11	3
43985	+42 30	4.6	4.9	+2	5.1	6	2
43937	+42 21	5.7	6.3	+2	6.5	8	0
43890	+52 18	5.6	6.3	+3	6.6	10	2
43895	+44 4	5.6	6.5	+2	6.7	11	3
43936	+44 51	5.8	6.3	+2	6.5	7	1
43953	+45						
56	4.8	5.1	+2	5.3	5	3	3
						116	15-11
						14	
						Mean = .8	

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[[no entries]]



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Book 19

Plate 1665F

[9 columned table]

	No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.

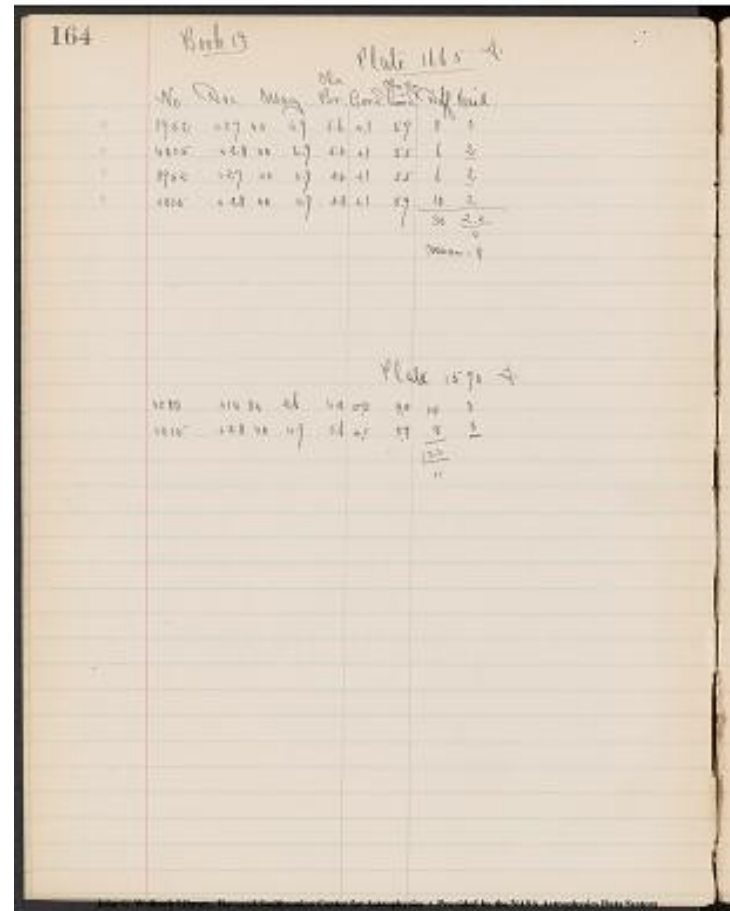
4	3952	+27 44	4.9	5.6	+1	5.7	8   0
4	4015	+28 40	4.9	5.4	+1	5.5	6   <u>2</u>
4	3952	+27 44	4.9	5.4	+1	5.5	6   <u>2</u>
4	4015	+28 40	4.9	5.8	+2	5.9	<u>10</u>   <u>2</u>
							30   <u>Mean = 8</u>

Plate 1576 F

[9 columned table]

	4080	+14 34	2.6	4.0	0.0	4.0	14   3
	4015	+28 40	4.9	5.6	+1	5.7	<u>8</u>   <u>3</u>

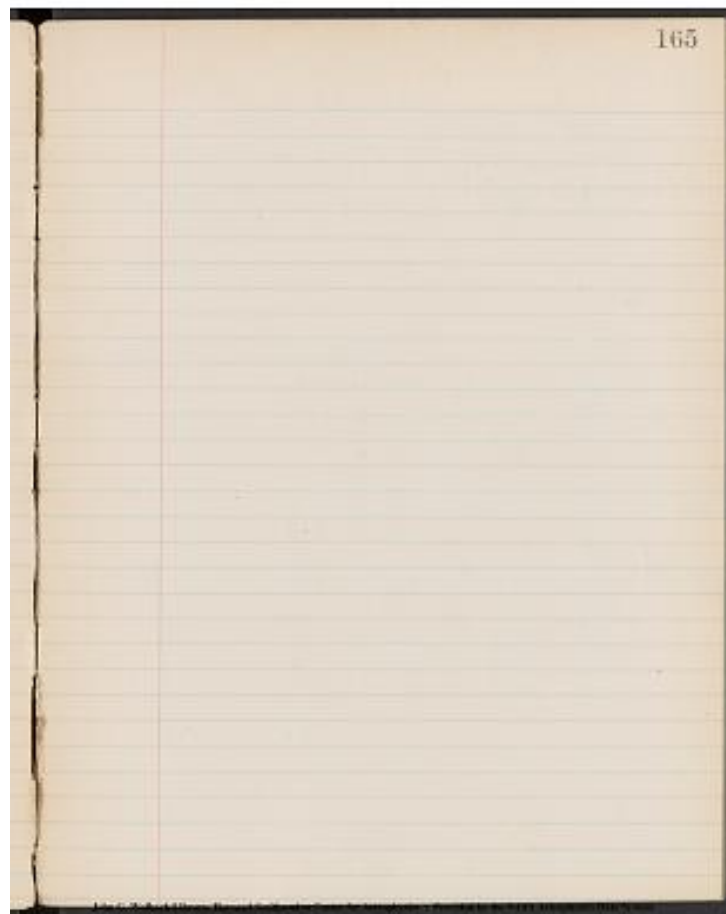
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[[no entries]]



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Book 13

Plate 1664

No.	Date	Way	to	from	Cardinal	Diff.	Wind		
1673	111 30	26	1.0	-0	40	14	2		
1674	111 30	17	1.7	+1	58	3	2		
								21.27	12

Plate 1675

1675	111 30	23	1.2	1.2	67	9	1		
1676	111 30	20	1.0	1.0	68	10	1		
1677	111 30	18	1.0	1.0	68	10	1		
1678	111 30	16	1.0	1.0	68	10	1		
1679	111 30	14	1.0	1.0	68	10	1		
1680	111 30	12	1.0	1.0	68	10	1		
1681	111 30	10	1.0	1.0	68	10	1		
1682	111 30	8	1.0	1.0	68	10	1		
1683	111 30	6	1.0	1.0	68	10	1		
1684	111 30	4	1.0	1.0	68	10	1		
1685	111 30	2	1.0	1.0	68	10	1		
1686	111 30	0	1.0	1.0	68	10	1		
1687	111 30	1	1.0	1.0	68	10	1		
1688	111 30	3	1.0	1.0	68	10	1		
1689	111 30	5	1.0	1.0	68	10	1		
1690	111 30	7	1.0	1.0	68	10	1		
1691	111 30	9	1.0	1.0	68	10	1		
1692	111 30	11	1.0	1.0	68	10	1		
1693	111 30	13	1.0	1.0	68	10	1		
1694	111 30	15	1.0	1.0	68	10	1		
1695	111 30	17	1.0	1.0	68	10	1		
1696	111 30	19	1.0	1.0	68	10	1		
1697	111 30	21	1.0	1.0	68	10	1		
1698	111 30	23	1.0	1.0	68	10	1		
1699	111 30	25	1.0	1.0	68	10	1		
1700	111 30	27	1.0	1.0	68	10	1		
1701	111 30	29	1.0	1.0	68	10	1		
1702	111 30	31	1.0	1.0	68	10	1		
1703	111 30	33	1.0	1.0	68	10	1		
1704	111 30	35	1.0	1.0	68	10	1		
1705	111 30	37	1.0	1.0	68	10	1		
1706	111 30	39	1.0	1.0	68	10	1		
1707	111 30	41	1.0	1.0	68	10	1		
1708	111 30	43	1.0	1.0	68	10	1		
1709	111 30	45	1.0	1.0	68	10	1		
1710	111 30	47	1.0	1.0	68	10	1		
1711	111 30	49	1.0	1.0	68	10	1		
1712	111 30	51	1.0	1.0	68	10	1		
1713	111 30	53	1.0	1.0	68	10	1		
1714	111 30	55	1.0	1.0	68	10	1		
1715	111 30	57	1.0	1.0	68	10	1		
1716	111 30	59	1.0	1.0	68	10	1		
1717	111 30	61	1.0	1.0	68	10	1		
1718	111 30	63	1.0	1.0	68	10	1		
1719	111 30	65	1.0	1.0	68	10	1		
1720	111 30	67	1.0	1.0	68	10	1		
1721	111 30	69	1.0	1.0	68	10	1		
1722	111 30	71	1.0	1.0	68	10	1		
1723	111 30	73	1.0	1.0	68	10	1		
1724	111 30	75	1.0	1.0	68	10	1		
1725	111 30	77	1.0	1.0	68	10	1		
1726	111 30	79	1.0	1.0	68	10	1		
1727	111 30	81	1.0	1.0	68	10	1		
1728	111 30	83	1.0	1.0	68	10	1		
1729	111 30	85	1.0	1.0	68	10	1		
1730	111 30	87	1.0	1.0	68	10	1		
1731	111 30	89	1.0	1.0	68	10	1		
1732	111 30	91	1.0	1.0	68	10	1		
1733	111 30	93	1.0	1.0	68	10	1		
1734	111 30	95	1.0	1.0	68	10	1		
1735	111 30	97	1.0	1.0	68	10	1		
1736	111 30	99	1.0	1.0	68	10	1		
1737	111 30	101	1.0	1.0	68	10	1		
1738	111 30	103	1.0	1.0	68	10	1		
1739	111 30	105	1.0	1.0	68	10	1		
1740	111 30	107	1.0	1.0	68	10	1		
1741	111 30	109	1.0	1.0	68	10	1		
1742	111 30	111	1.0	1.0	68	10	1		
1743	111 30	113	1.0	1.0	68	10	1		
1744	111 30	115	1.0	1.0	68	10	1		
1745	111 30	117	1.0	1.0	68	10	1		
1746	111 30	119	1.0	1.0	68	10	1		
1747	111 30	121	1.0	1.0	68	10	1		
1748	111 30	123	1.0	1.0	68	10	1		
1749	111 30	125	1.0	1.0	68	10	1		
1750	111 30	127	1.0	1.0	68	10	1		
1751	111 30	129	1.0	1.0	68	10	1		
1752	111 30	131	1.0	1.0	68	10	1		
1753	111 30	133	1.0	1.0	68	10	1		
1754	111 30	135	1.0	1.0	68	10	1		
1755	111 30	137	1.0	1.0	68	10	1		
1756	111 30	139	1.0	1.0	68	10	1		
1757	111 30	141	1.0	1.0	68	10	1		
1758	111 30	143	1.0	1.0	68	10	1		
1759	111 30	145	1.0	1.0	68	10	1		
1760	111 30	147	1.0	1.0	68	10	1		
1761	111 30	149	1.0	1.0	68	10	1		
1762	111 30	151	1.0	1.0	68	10	1		
1763	111 30	153	1.0	1.0	68	10	1		
1764	111 30	155	1.0	1.0	68	10	1		
1765	111 30	157	1.0	1.0	68	10	1		
1766	111 30	159	1.0	1.0	68	10	1		
1767	111 30	161	1.0	1.0	68	10	1		
1768	111 30	163	1.0	1.0	68	10	1		
1769	111 30	165	1.0	1.0	68	10	1		
1770	111 30	167	1.0	1.0	68	10	1		
1771	111 30	169	1.0	1.0	68	10	1		
1772	111 30	171	1.0	1.0	68	10	1		
1773	111 30	173	1.0	1.0	68	10	1		
1774	111 30	175	1.0	1.0	68	10	1		
1775	111 30	177	1.0	1.0	68	10	1		
1776	111 30	179	1.0	1.0	68	10	1		
1777	111 30	181	1.0	1.0	68	10	1		
1778	111 30	183	1.0	1.0	68	10	1		
1779	111 30	185	1.0	1.0	68	10	1		
1780	111 30	187	1.0	1.0	68	10	1		
1781	111 30	189	1.0	1.0	68	10	1		
1782	111 30	191	1.0	1.0	68	10	1		
1783	111 30	193	1.0	1.0	68	10	1		
1784	111 30	195	1.0	1.0	68	10	1		
1785	111 30	197	1.0	1.0	68	10	1		
1786	111 30	199	1.0	1.0	68	10	1		
1787	111 30	201	1.0	1.0	68	10	1		
1788	111 30	203	1.0	1.0	68	10	1		
1789	111 30	205	1.0	1.0	68	10	1		
1790	111 30	207	1.0	1.0	68	10	1		
1791	111 30	209	1.0	1.0	68	10	1		
1792	111 30	211	1.0	1.0	68	10	1		
1793	111 30	213	1.0	1.0	68	10	1		
1794	111 30	215	1.0	1.0	68	10	1		
1795	111 30	217	1.0	1.0	68	10	1		
1796	111 30	219	1.0	1.0	68	10	1		
1797	111 30	221	1.0	1.0	68	10	1		
1798	111 30	223	1.0	1.0	68	10	1		
1799	111 30	225	1.0	1.0	68	10	1		
1800	111 30	227	1.0	1.0	68	10	1		

Total 18

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[[no entries]]



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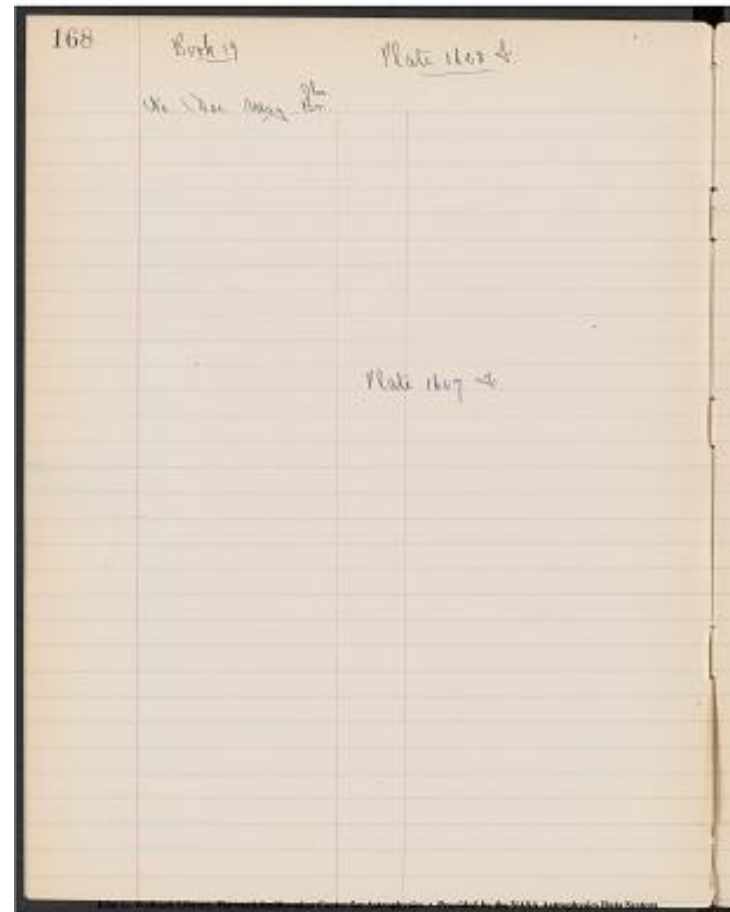
Book 19

Plate 1628 F.

| No. | Dec. | Mag. | Obs. Br. |

Plate 1647 F.

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[[no entries]]



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Book 19

Plate 1629 F

[8 columned table]

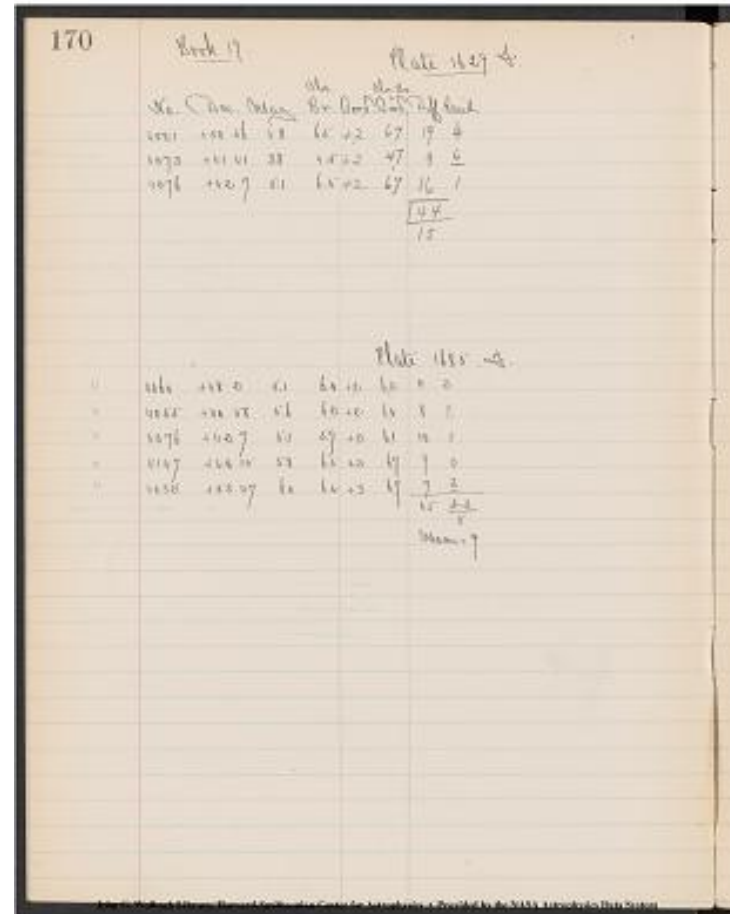
No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4001	+50 56	4.8	6.5	+2	6.7	19	4
4073	+41 41	3.8	4.5	+2	4.7	9	<u>6</u>
4076	+42 7	5.1	6.5	+2	6.7	<u>16</u>	<u>1</u>
---	---	---	---	---	---	<u>44</u>	---
---	---	---	---	---	---	15	---

Plate 1685. S.

[9 columned table]

4	4060	+48 2	5.1	6.0	+2	6.2	11	2
4	4055	+40 58	5.6	6.2	+2	6.4	8	<u>1</u>
4	4076	+42 7	5.1	5.9	+2	6.1	10	1
4	4147	+42 15	5.8	6.5	+2	6.7	9	0
4	4032	+53 47	6.0	6.4	+3	6.7	<u>7</u>	<u>7</u>
---	---	---	---	---	---	---	<u>45</u>	<u>3-3</u>
---	---	---	---	---	---	---	5	---
---	---	---	---	---	---	---	Mean = 9	---

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[[no entries]]



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Book 19

Plate 1588 F

[8 columned table]

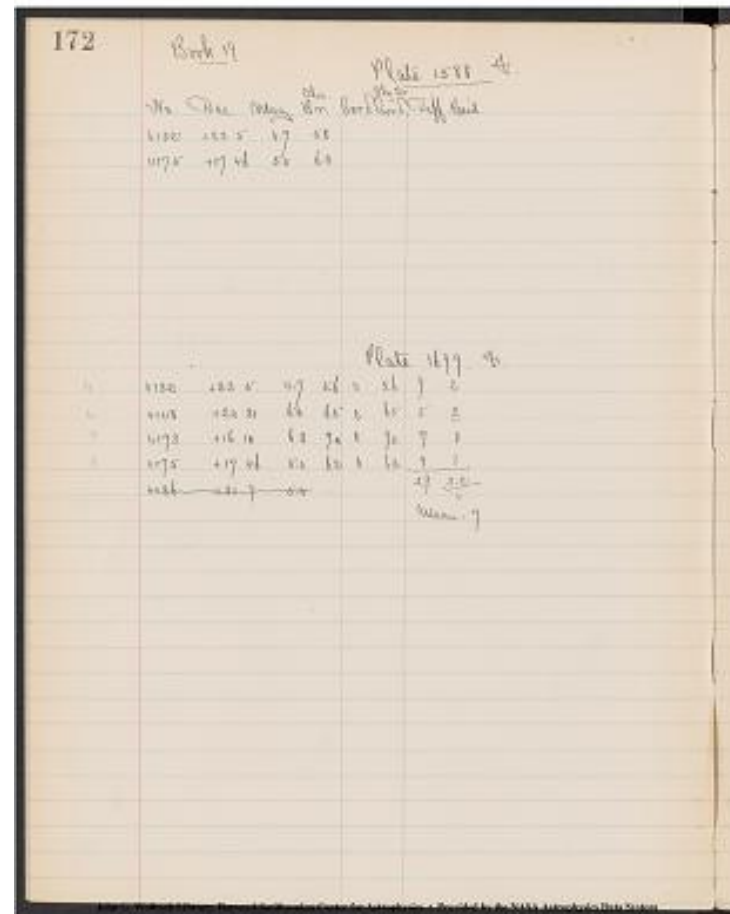
No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
4132	+23 5	4.7	5.8	---	---	---	---
4175	+17 46	5.4	6.3	---	---	---	---

Plate 1699. F.

[9 columned table]

4	4132	+23 5	4.7	5.6	0	5.6	9	2
4	4148	+24 31	6.0	6.5	0	6.5	5	<u>2</u>
4	4173	+16 10	6.3	7.0	0	7.0	7	0
4	4175	+17 46	5.4	6.2	0	6.2	<u>8</u>	<u>1</u>
<u>1</u>								
<del>4136</del> +31 9   5.4 <del>---</del> 29								
<u>3.2</u>								
--- --- --- --- --- ---  4								
Mean = 7								

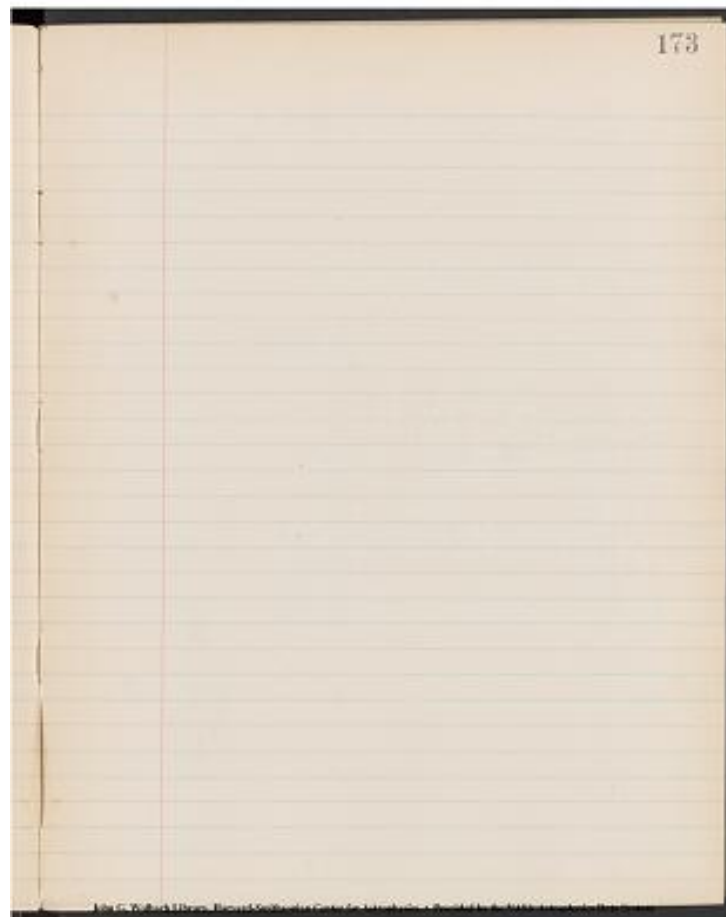
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[[no entries]]



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Book 19

Plate 1714 F

[[8 column table]]

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor delta	Diff .
41321	+23 5	4.7	6.2	---	---	---

Plate 1609

4142	+31 43	5.5	6.6	+1	6.7	12	2
4176	+42 36	4.3	5.0	+2	5.2	9	1
4147	+42 15	5.8	6.6	+2	6.8	10	0
4073	+41 41	3.8	5.3	+2	5.5	17	7
4183	+43 40	4.4	4.9	+2	5.1	7	3
4104	+48 45	4.7	5.4	+2	5.6	9	1
4165	+39 34	5.5	6.2	+1	6.3	8	2
4177	+49 48	5.3	5.8	+2	6.0	7	3
Mean = 10						79 (9-10)/8	

174 Book 19 Plate 1714 F

No. Dec. Mag. Obs. Br. Cor. delta Obs. Br. + Cor delta Diff .

41321 +23 5 4.7 6.2 --- --- ---

Plate 1609

4142	+31 43	5.5	6.6	+1	6.7	12	2
4176	+42 36	4.3	5.0	+2	5.2	9	1
4147	+42 15	5.8	6.6	+2	6.8	10	0
4073	+41 41	3.8	5.3	+2	5.5	17	7
4183	+43 40	4.4	4.9	+2	5.1	7	3
4104	+48 45	4.7	5.4	+2	5.6	9	1
4165	+39 34	5.5	6.2	+1	6.3	8	2
4177	+49 48	5.3	5.8	+2	6.0	7	3
Mean = 10						79 (9-10)/8	

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Book 19

Plate 1589 F

[9 columned table]

| No. | Dec. | Mag. | Obs. Br. | Cor. delta | Obs. Br. + Cor. delta | Diff. |  
Resid. |

44142	+31 43	5.5	6.5	+1	6.6	11	1
44073	+41 41	3.8	5.2	+2	5.6	16	6
44147	+42 15	5.8	6.5	+2	6.7	9	<u>1</u>
44076	+42 7	5.1	6.3	+2	6.5	14	4
44176	+46 36	4.3	5.0	+2	5.2	9	<u>1</u>
44183	+43 40	4.4	4.7	+2	4.9	5	<u>5</u>
44165	+39 34	5.5	6.2	+1	6.3	8	<u>2</u>
44177	+49 48	5.3	5.6	+2	5.8	5	<u>5</u>
44123	+41 7	6.0	6.9	+2	7.1	<u>11</u>	<u>1</u>

[equation]

Mean = 10

Plate 1686 F

[5 columned table]

4132	+23	5	4.7	6.5
4175	+17	46	5.4	6.6

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Book 19

Plate 1589 F

No.	Dec.	Mag.	Obs. Br.	Cor. delta	Obs. Br. + Cor. delta	Diff.	Resid.
44142	+31 43	5.5	6.5	+1	6.6	11	1
44073	+41 41	3.8	5.2	+2	5.6	16	6
44147	+42 15	5.8	6.5	+2	6.7	9	<u>1</u>
44076	+42 7	5.1	6.3	+2	6.5	14	4
44176	+46 36	4.3	5.0	+2	5.2	9	<u>1</u>
44183	+43 40	4.4	4.7	+2	4.9	5	<u>5</u>
44165	+39 34	5.5	6.2	+1	6.3	8	<u>2</u>
44177	+49 48	5.3	5.6	+2	5.8	5	<u>5</u>
44123	+41 7	6.0	6.9	+2	7.1	<u>11</u>	<u>1</u>

Mean = 10

Plate 1686 F

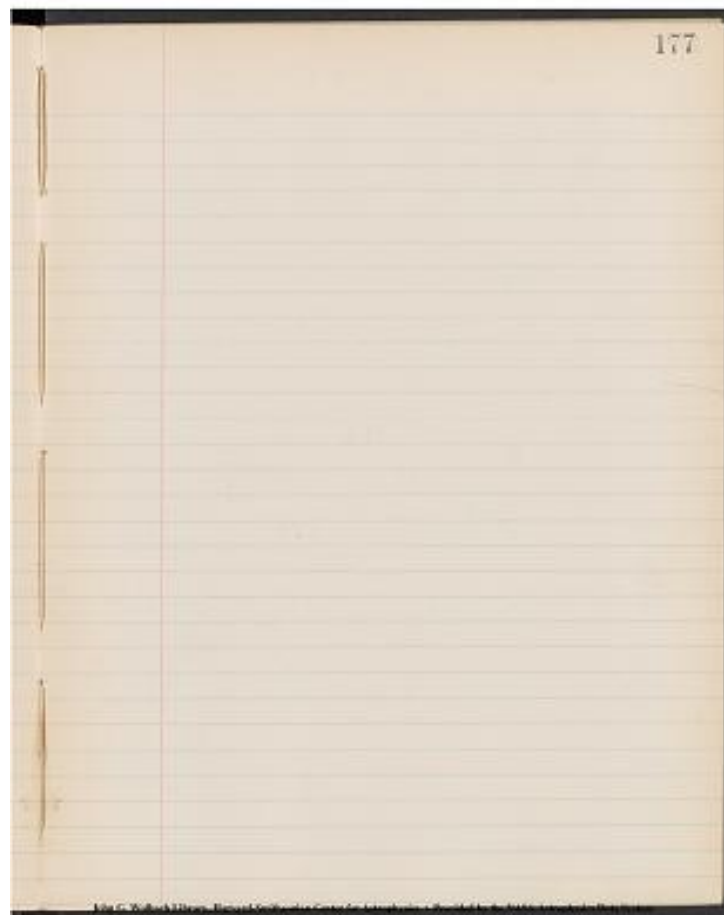
4132	+23	5	4.7	6.5
4175	+17	46	5.4	6.6

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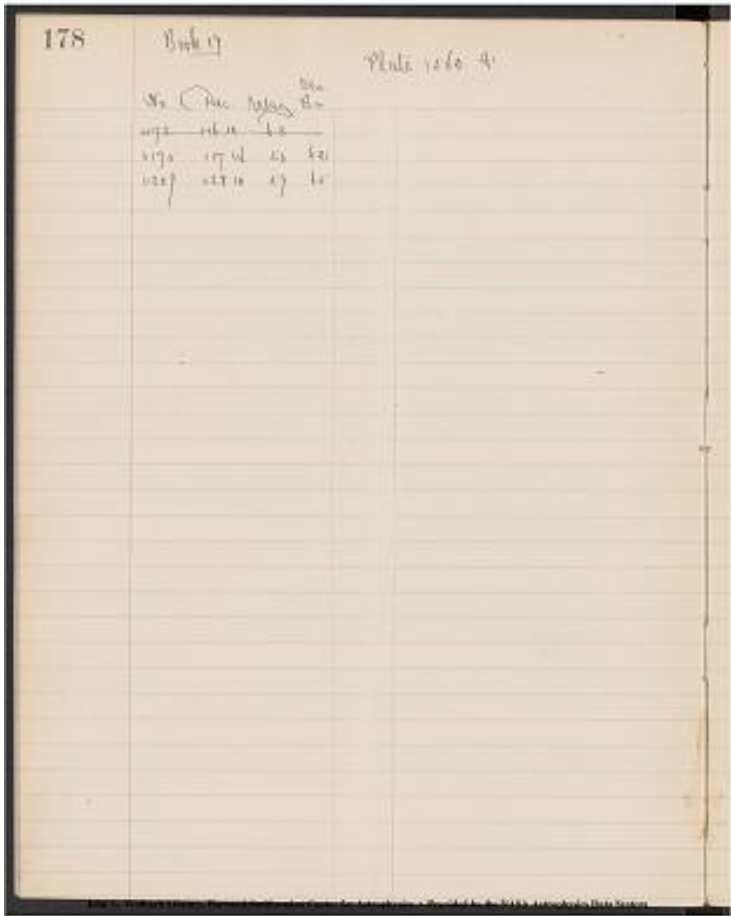
Book 19

Plate 1562 F

[[4 columned table]]

No.	Dec.	Mag.	Obs Br.
---	---	---	---
<del>4173</del>	<del>+16 10</del>	<del>6.3</del>	<del>[[/del]]</del>
4175	+17 46	5.4	6.2
4209	+28 10	5.9	6.5

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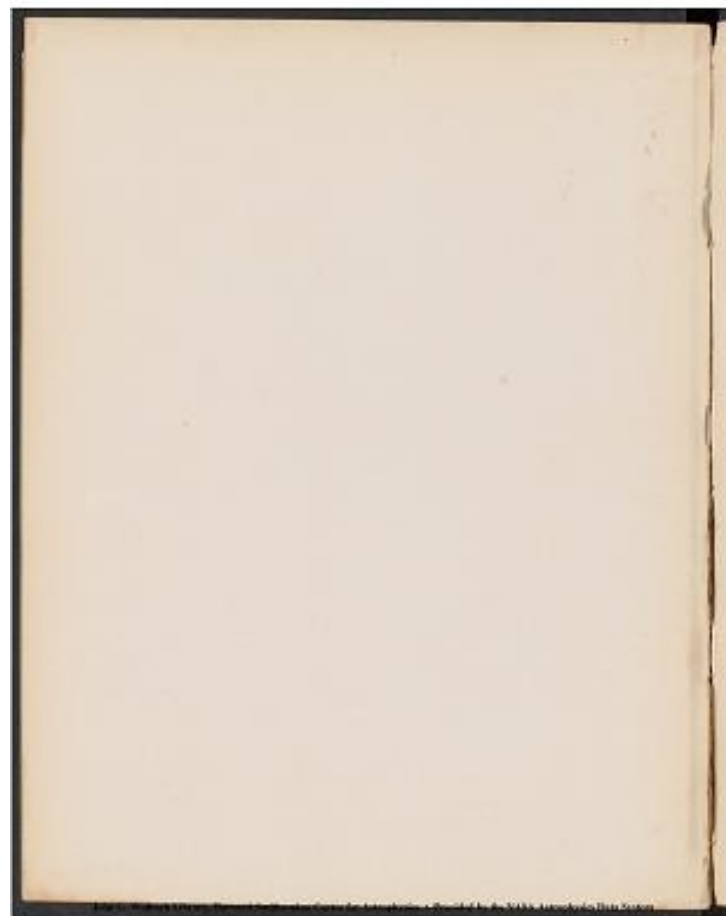
179

[[no entries]]



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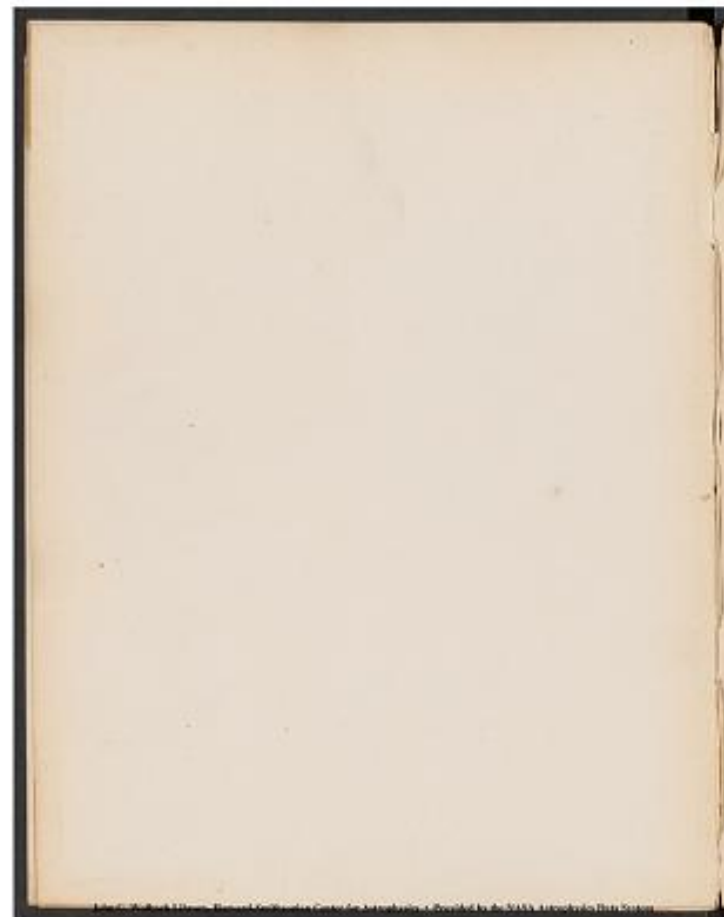
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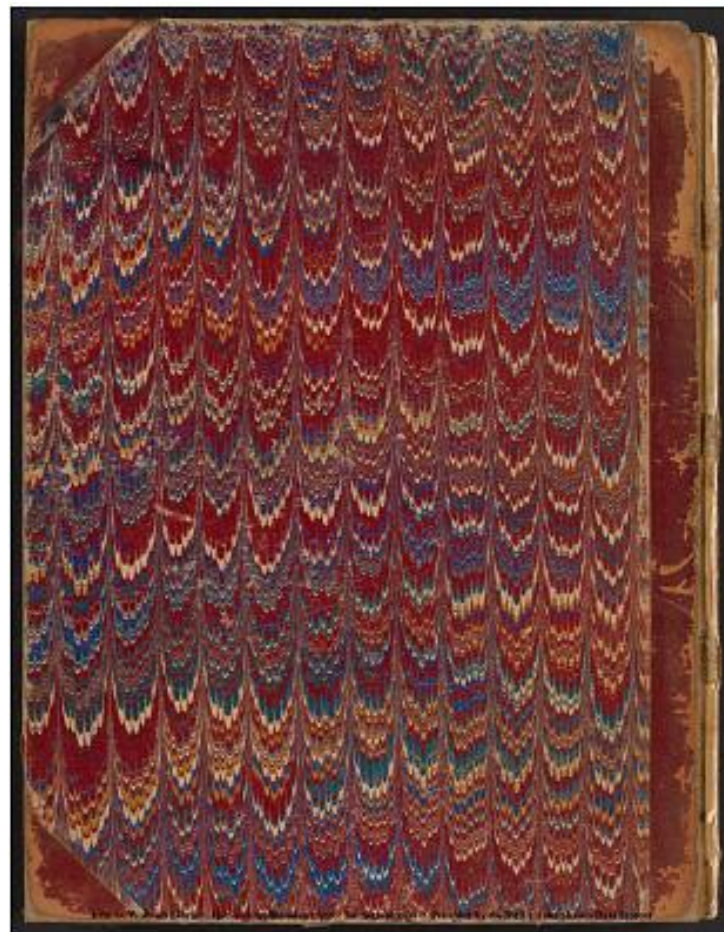
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