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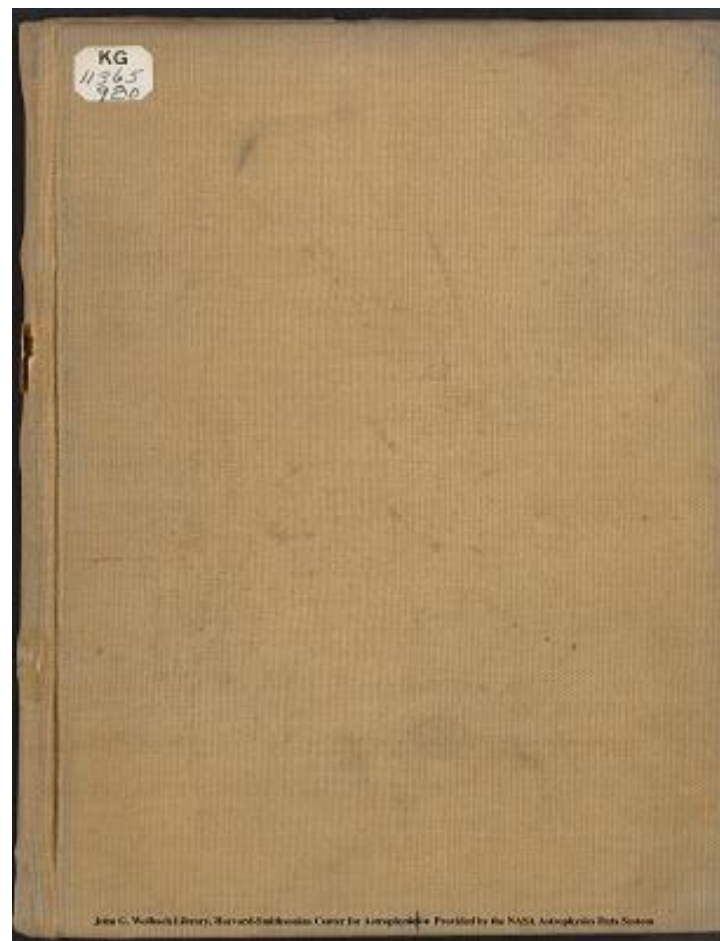
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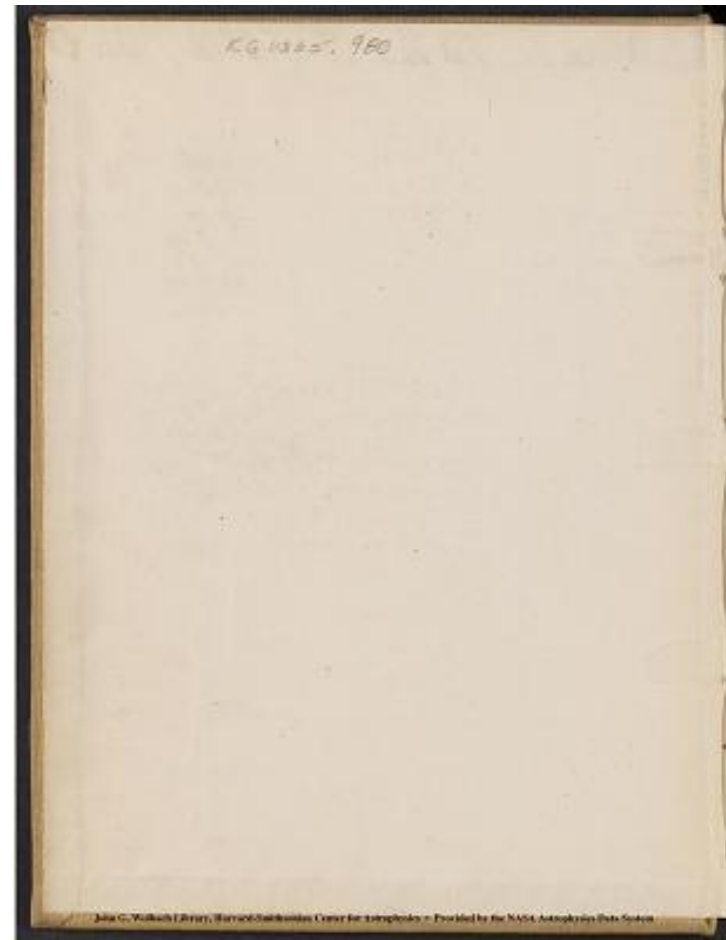
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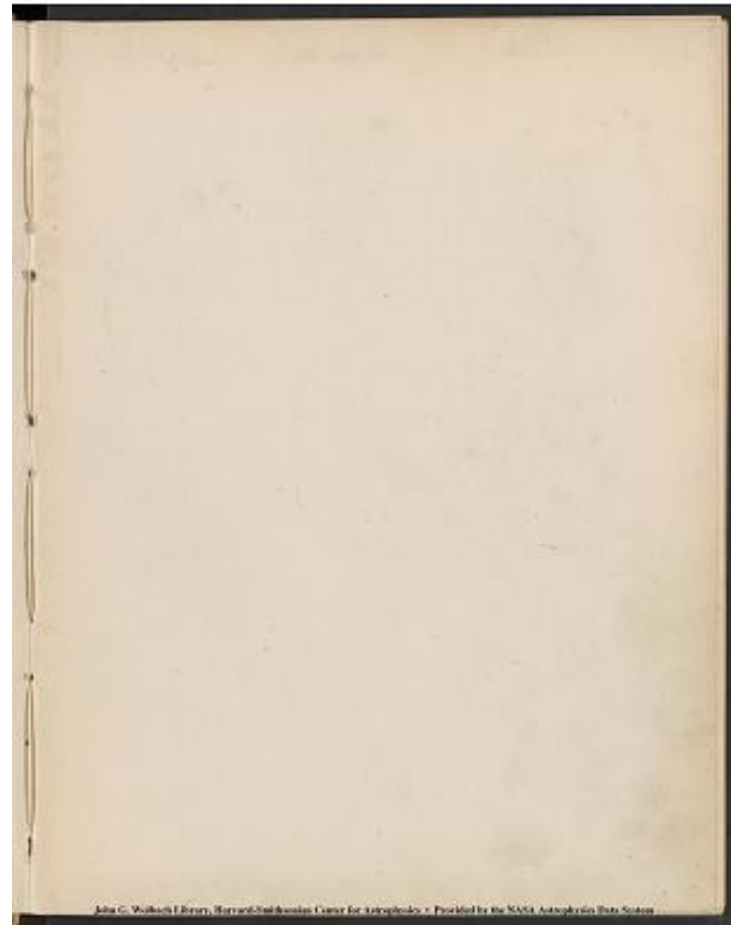
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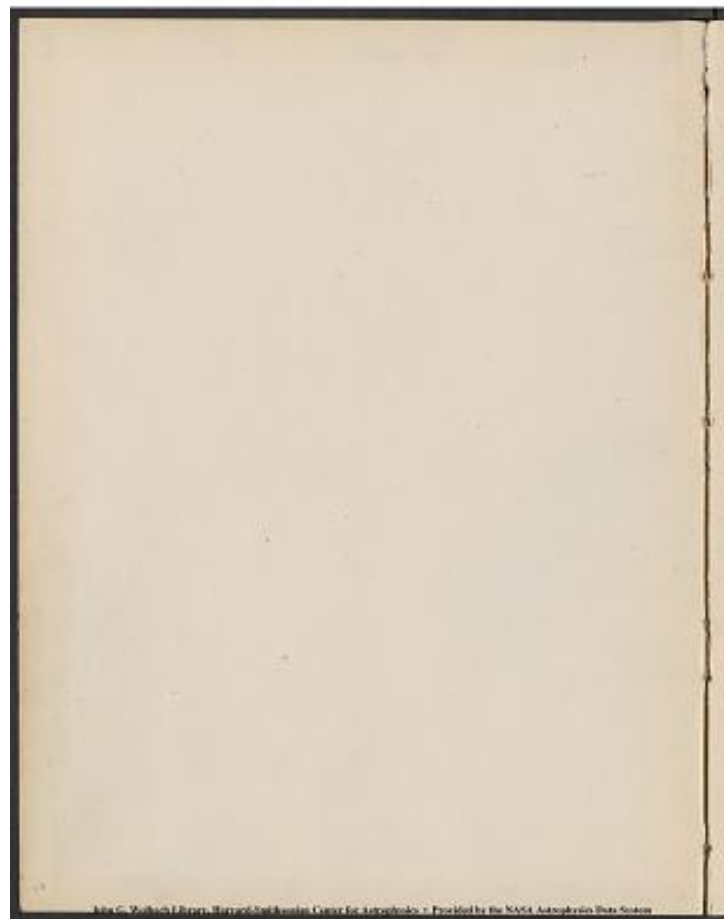
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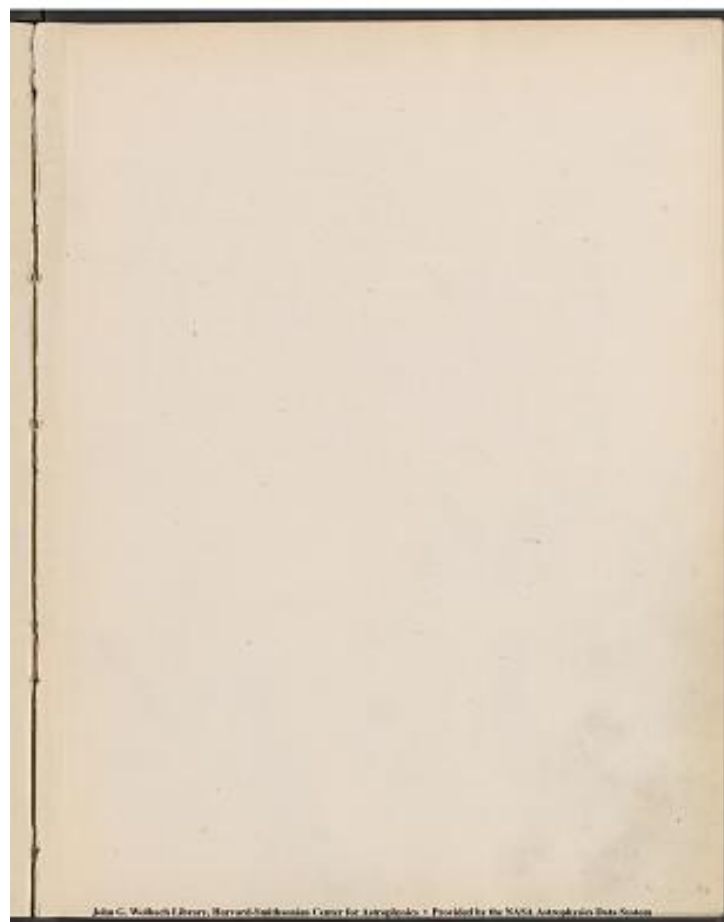
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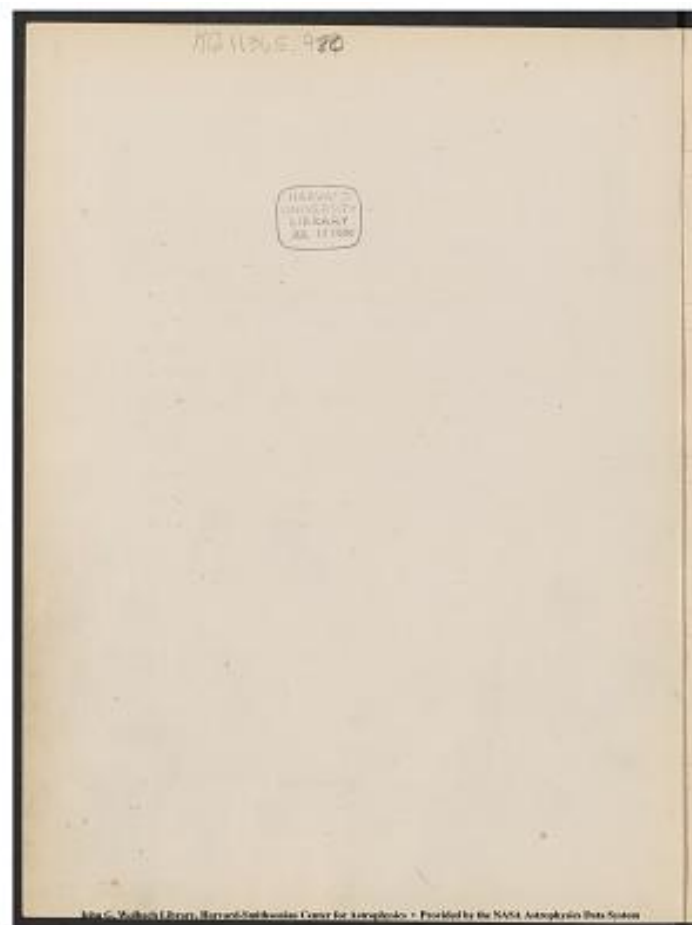


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4

T' Plates

Sequences of Pleiades and Poles

March 20, 1904

(Miss Leavitt's sc.)

133774

[[8 columned table]]

		B F					
Pl. 1st	a						
	b	20					

=4.2[[~~striketrough~~]]2.2^[[2d]]2.1^[[3d]]2.17|00[[ed]]1[[ed]]

f	4.2	4.3	4.2	4.23	010
---	-----	-----	-----	------	-----

g					
---	--	--	--	--	--

4.3|2.5|2.3|2.37|[[ed]]1[[ed]]1[[ed]]1[[ed]]

h	5.2	5.2	5.2	5.20	000
---	-----	-----	-----	------	-----

i	5.8	5.9	6.0	5.90	[[<u>ed</u>]]1[[<u>ed</u>]]01
---	-----	-----	-----	------	-----------------------------------

j	6.3	6.3	6.7	6.43	[[<u>ed</u>]]1[[<u>ed</u>]]3
---	-----	-----	-----	------	----------------------------------

k	7.7	7.7	7.7	7.70	000
---	-----	-----	-----	------	-----

l	8.5	8.5	8.5	8.50	000
---	-----	-----	-----	------	-----

m	9.0	9.2	9.1	9.10	[[<u>ed</u>]]1[[<u>ed</u>]]10
---	-----	-----	-----	------	-----------------------------------

n	1	1	1	1	1
---	---	---	---	---	---

Pole	a	3.8	4.0	4.1	4.0	4.03	010
------	---	-----	-----	-----	-----	------	-----

b	5.8	5.9	5.7	5.80	011
---	-----	-----	-----	------	-----

c	6.7	6.4	6.7	6.60	121
---	-----	-----	-----	------	-----

d	8.2	8.0	8.0	8.03	100
---	-----	-----	-----	------	-----

e	8.3	8.3	8.3	8.30	000
---	-----	-----	-----	------	-----

f	8.7	8.7	8.8	8.73	001
---	-----	-----	-----	------	-----

g	9.5	9.3	9.4	9.40	110
---	-----	-----	-----	------	-----

h	1	1	1	1	1
---	---	---	---	---	---

k	1	1	1	1	1
---	---	---	---	---	---

Pl. 2d	a	1.9	[[striketrough]]				
--------	---	-----	-------------------------------	--	--	--	--

f	1.9	2.1	2.1	2.2	2.13	001
---	-----	-----	-----	-----	------	-----

g	4.2	4.2	4.2	4.20	000
---	-----	-----	-----	------	-----

h	4.3	4.2	4.2	4.20	000
---	-----	-----	-----	------	-----

i	5.3	5.2	5.1	5.20	101
---	-----	-----	-----	------	-----

j	5.9	5.8	6.2	5.97	122
---	-----	-----	-----	------	-----

k	6.3	6.7	6.6	6.53	221
---	-----	-----	-----	------	-----

l	7.8	7.8	7.7	7.77	001
---	-----	-----	-----	------	-----

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4

Sequences of Pleiades and Poles

March 20, 1904

(Miss Leavitt's sc.)

133774

[[8 columned table]]

Pl. 1st

a

b

20

4.2|2.5|2.3|2.37|[[ed]]1[[ed]]1[[ed]]1[[ed]]

h

5.2|5.2|5.2|5.20|000

i

5.8|5.9|6.0|5.90|[[ed]]1[[ed]]01

j

6.3|6.3|6.7|6.43|[[ed]]1[[ed]]3

k

7.7|7.7|7.7|7.70|000

l

8.5|8.5|8.5|8.50|000

m

9.0|9.2|9.1|9.10|[[ed]]1[[ed]]10

n

1|1|1|1|1

Pole

a

3.8|4.0|4.1|4.0|4.03|010

b

5.8|5.9|5.7|5.80|011

c

6.7|6.4|6.7|6.60|121

d

8.2|8.0|8.0|8.03|100

e

8.3|8.3|8.3|8.30|000

f

8.7|8.7|8.8|8.73|001

g

9.5|9.3|9.4|9.40|110

h

1|1|1|1|1

k

1|1|1|1|1

Pl. 2d

a

1.9|[[~~striketrough~~]]| | | |

f

1.9|2.1|2.1|2.2|2.13|001

g

4.2|4.2|4.2|4.20|000

h

4.3|4.2|4.2|4.20|000

i

5.3|5.2|5.1|5.20|101

j

5.9|5.8|6.2|5.97|122

k

6.3|6.7|6.6|6.53|221

l

7.8|7.8|7.7|7.77|001

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e	8.3		
f	8.8		

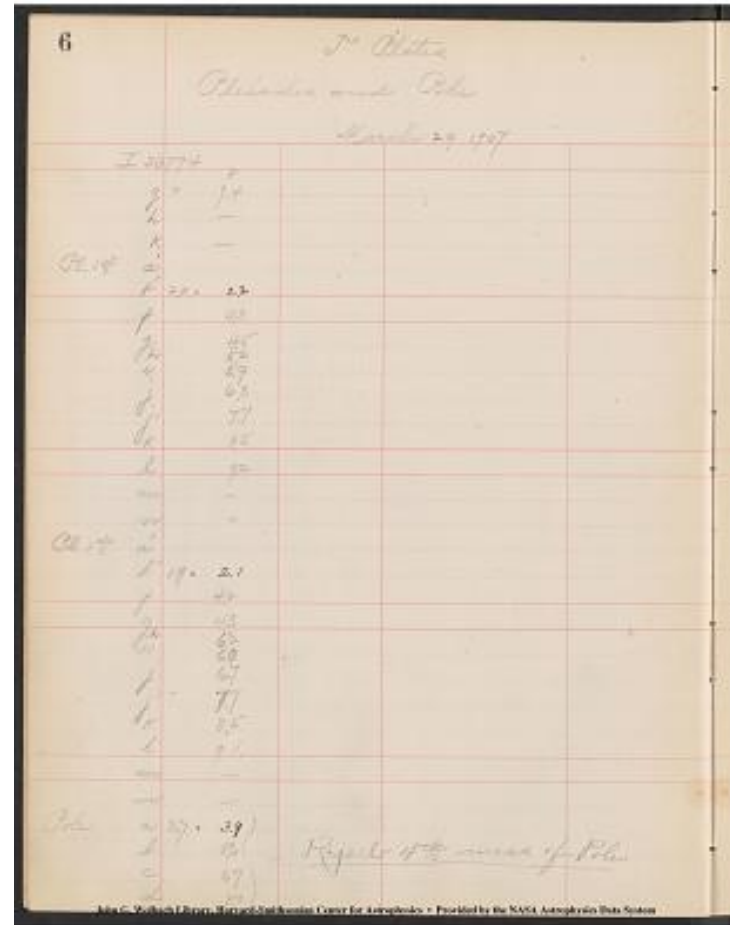
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6

T' Plates
Pleiades and Pole

March 20, 1907

I 33774
| F
g | 0 | 9.4
h | -
k | -
[[left margin]] Pl. 1st [[left margin]] a' | |
f' | 2.0 = | 2.2
f | 4.3
g | 4.5
h | 5.2
i | 5.9
j | 6.3
j' | 7.7
k | 8.5
l | 9.2
m | -
n | -
[[left margin]] Pl. 1st [[left margin]] a' | |
b' | 1.9 = | 2.1
f | 4.2
g | 4.3
h | 5.2
i | 6.0
j | 6.7
j' | 7.7
k | 8.5
l | 9.1
m | -
n | -
[[left margin]] Pole [[left margin]] a | 3.7 = | 3.9
b | 5.6
c | 6.7 | Reject- 4th meas. of Pole.
d | 8.0



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T' Plates.

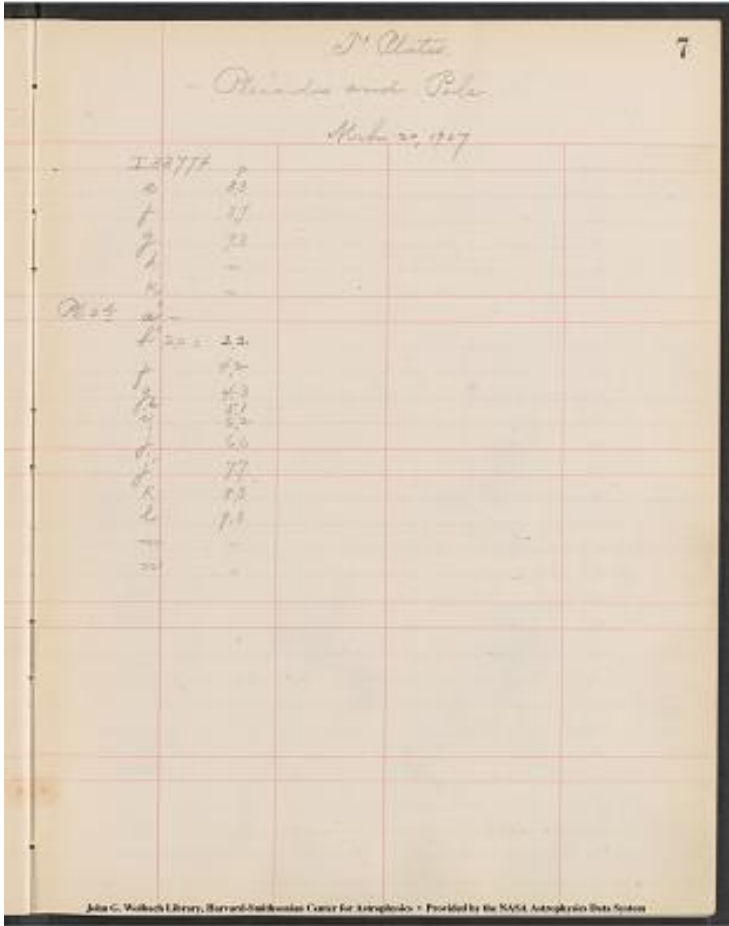
Pleiades and Pole.

Mch 20, 1907

[[3 columned table]]

	33774	
	e ^P 8.3	
	f 8.7	
	g 9.3	
	h —	
	k —	
	Pl 2	d
	b ^2.0=2.2	
	f 4.2	
	g 4.3	
	h 5.1	
	i 6.2	
	j 6.6	
	j ^7.7	
	k 8.3	
	l 9.3	
	m —	
	n —	

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T' Plates

Pleiades and Pole
March 20, 1907

I33821

[[8 columned table]]

Pl. 1st[a'B] | | | | |

|b'B. | | | | |

|f|2.0 =|2.2|2.3|2.2|2.23|010|

|g|2.2 =|2.4|2.3|2.3|2.33|100|

|h|~~[[[strikethrough]]]3.0[[[strikethrough]]]2.7~~

|=|2.9|2.6|2.5|2.67|2[[underlined]]12[[/underlined]]|

|i|3.~~[[[strikethrough]]]6[[[strikethrough]]]1~~ =|3.3|3.2|3.2|3.23|100||j|~~[[[strikethrough]]]4.1[[[strikethrough]]]3.4~~ =|3.6|3.5|3.5|3.53|100|

| |

|5.~~[[[strikethrough]]]3[[[strikethrough]]]1~~5.1|5.0|5.07|00[[underlined]]1[[/underlined]]|

| |

|k| |5.8|5.5|5.4|5.57|2[[underlined]]12[[/underlined]]|

|l| |7.1|7.1|7.2|7.13|001|

|m| |8.3|8.5|8.4|8.40|[[underlined]]1[[/underlined]]10|

|n| |9.5|9.5|9.5|9.50|000|

Pole|a|~~[[[strikethrough]]]1.0[[[strikethrough]]]1.7~~|1.9|2.0|1.9|1.93|010|

|b|3.2 =|3.4|3.6|3.6|3.53|[[underlined]]1[[/underlined]]11|

|c| |3.9|4.1|4.0|4.00|[[underlined]]1[[/underlined]]10|

|d| |5.2|5.3|5.2|5.23|010|

|e|

|5.5|5.7|5.5|5.57|[[underlined]]1[[/underlined]]1[[underlined]]1[[/underlined]]|

|d| |

|f| |6.0|6.1|5.9|6.00|01[[underlined]]1[[/underlined]]|

|g| |8.0|8.0|7.9|7.97|00[[underlined]]1[[/underlined]]|

|h| |8.3|8.4|8.2|8.30|01[[underlined]]1[[/underlined]]|

|k| |8.8|8.9|8.6|8.77|01[[underlined]]2[[/underlined]]|

Pl 2nd[a' | | | | |

|b'| | | | |

|f|2.1 =|2.3|2.2|2.3|2.23|101|

|g|2.2 =|2.4|2.4|2.3|2.37|00[[underlined]]1[[/underlined]]|

|h|2.6 =|2.8|2.7|2.7|2.73|100|

|i|3.7 =|3.3|3.2|3.2|3.23|100|

|j|3.3 =|3.5|3.5|3.5|3.50|000|

8

Pleiades and Pole
March 20, 1907

Pl. 1st	a'	B					
b'	B.						
f	2.0	=	2.2	2.3	2.2	2.23	010
g	2.2	=	2.4	2.3	2.3	2.33	100
h	[[[strikethrough]]]3.0[[[strikethrough]]]2.7						
i	3.2	=	3.4	3.6	3.6	3.53	11
j	3.3	=	3.5	3.5	3.5	3.50	000
Pole	a		1.9	2.0	1.9	1.93	010
b	3.2	=	3.4	3.6	3.6	3.53	11
c	3.9	4.1	4.0	4.00			10
d	5.2	5.3	5.2	5.23			010
e							
f	5.5	5.7	5.5	5.57			1
g	6.0	6.1	5.9	6.00			1
h	8.0	8.0	7.9	7.97			1
i	8.3	8.4	8.2	8.30			1
k	8.8	8.9	8.6	8.77			2
Pl 2nd	a'						
b'							
f	2.1	=	2.3	2.2	2.3	2.23	101
g	2.2	=	2.4	2.4	2.3	2.37	00
h	2.6	=	2.8	2.7	2.7	2.73	100
i	3.7	=	3.3	3.2	3.2	3.23	100
j	3.3	=	3.5	3.5	3.5	3.50	000

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9

T' Plates.
Pleiades and Pole

March 20, 1907

I33821

[[7 columned table]]

j	5.2	5.1	5.0	5.10	101	
k	5.9	5.7	5.5	5.70	202	
l	~~8.4~~	7.2	7.1	7.2	7.17	010
m	8.2	8.3	8.4	8.30	101	
n	9.5	9.4	9.5	9.47	010	

Pole|a|1.8=|20| | | |

b	3.6				
c	4.1				
d	5.3				
e	5.7				
f	6.1				
g	8.0				
h	8.4				
k	8.9				

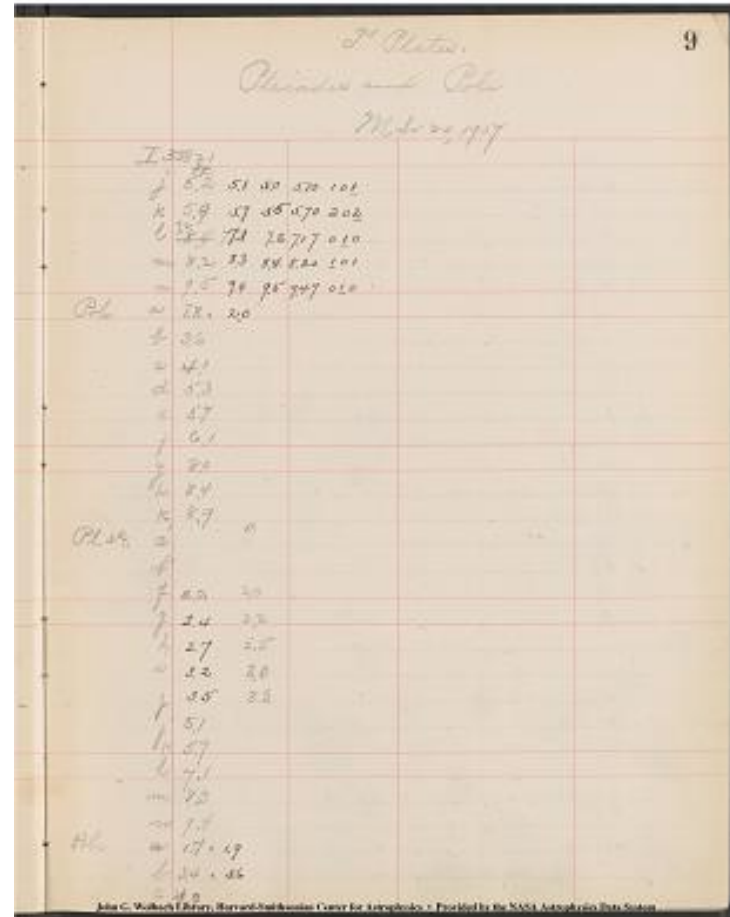
Pole 2nd|a'| |B| | |

b'					
c'	2.2		2.0		
g	2.4		2.2		
h	2.7		2.5		
i	3.2		3.0		
j	3.5		3.3		
l	5.1				
k	5.7				
l	7.1				
m	8.3				

|n|9.4| | | | |

Pole|a|1.7=|1.9| | | |

|b|3.4=|3.6| | | |
|c|4.0| | | | |



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10 T' Plates.
Pleiades and Pole
Mch 22, 1907
[[table, 3 columns]]
l33821
d|5.2|
e|5.5|
f|5.9|
g|7.9|
h|8.2|
k|8.6|
Pl [[underline]]^1st[[underline]] a^1| |
b^1| |
f|2.1^Bn=|2.3
g|2.1|2.3
h|2.4|2.6
i|3.0|3.2
j|3.3|3.5
j| |^[[8?]]5.1
k| |5.5
l| |7.1
m| |8.5
n| |9.5
Pl [[underline]]^1st[[underline]] a^1| |
b^1| |
f|2.0|2.2
g|2.1~~2~~2~~1~~|2.3
h|2.3|2.5
i|3.0|3.2
j|3.3|3.5
j^1| |5.0
k| |5.4
l| |7.2
m| |8.4
[[/table]]

10

P' Plates.

Pleiades and Pole

Mch 22, 1907

L 33821

d 5.2

e 5.5

f 5.9

g 7.9

h 8.2

k 8.6

Pl^{1st}

a¹

b¹

f 2.1^{Bn} =

2.3

g 2.1

2.3

h 2.4

2.6

i 3.0

3.2

j 3.3

3.5

j¹

5.1

k

5.5

l

7.1

m

8.5

n

9.5

Pl^{2nd}

a¹

b¹

f 2.0

2.2

g 2.1

2.3

h 2.3

2.5

i 3.0

3.2

j 3.3

3.5

j¹

5.0

k

5.4

l

7.2

m

8.4

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T¹ Plates. 11
Pleiades and Pole-
Mch 22. 1907
[[table, 4 columns]]
I33821
|n|~~9.5~~[[^F?]]9.5
Pole|a|1.7=|1.9
|b|3.1=|3.3
|c|4.0|3.9
|d|5.3
|e|5.6
|f|6.0
|g|7.8
|h|8.1
|k|8.7
Pl. ^2d||a^1| |
|b^1| |
|f|2.1|2.3
|g|2.1|2.3
|h|2.5|2.7
|i|3.0|3.2
|j|3.3|3.5
|j^1|5.0
|k|5.5
|l|7.2
|m|8.4
|n|9.5
[[/table]]

11

T¹ Plates
Pleiades and Pole
Mch 22. 1907

<i>I 33821</i>	
<i>20</i>	<i>35</i>
<i>21</i>	<i>19</i>
<i>22</i>	<i>38</i>
<i>23</i>	<i>29</i>
<i>24</i>	<i>38</i>
<i>25</i>	<i>36</i>
<i>26</i>	<i>32</i>
<i>27</i>	<i>31</i>
<i>28</i>	<i>37</i>
<i>29</i>	<i>37</i>
<i>30</i>	<i>37</i>
<i>31</i>	<i>37</i>
<i>32</i>	<i>37</i>
<i>33</i>	<i>37</i>
<i>34</i>	<i>37</i>
<i>35</i>	<i>37</i>
<i>36</i>	<i>37</i>
<i>37</i>	<i>37</i>
<i>38</i>	<i>37</i>
<i>39</i>	<i>37</i>
<i>40</i>	<i>37</i>
<i>41</i>	<i>37</i>
<i>42</i>	<i>37</i>
<i>43</i>	<i>37</i>
<i>44</i>	<i>37</i>
<i>45</i>	<i>37</i>
<i>46</i>	<i>37</i>
<i>47</i>	<i>37</i>
<i>48</i>	<i>37</i>
<i>49</i>	<i>37</i>
<i>50</i>	<i>37</i>

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12 T¹ Plates
Pleiades and Pole
Mch 22, 1907
[[table, 8 columns]]
P|1st|a¹|B-|[[^F?]]| | | |
|b¹| | | | |
|f|2.9|3.1|3.0|3.1|3.07|0|1|0
|g|2.9|3.1|3.2|3.2|3.17|1|00
|h|3.2|3.5|3.5|3.6|3.53|001
|i|3.6|3.8|3.8|3.9|3.83|001
|j|4.1|4.1|4.1|4.1|4.10|000
|j¹|5.1|5.1|5.2|5.13|001
|k|5.5|5.7|5.7|5.63|1|11
|l|7.2|7.2|7.3|7.23|001
|m|8.2|8.3|8.3|8.27|1|00
|n|8.9|8.9|9.0|8.93|001
Pole.|a|2.0|2.2|2.3|2.27|1|00

|b|~~3.8~~|~~4.0~~|~~3.7~~|~~3.9~~|~~3.9~~|~~3.83~~|1|1

|c|~~4.8~~|~~5.0~~|~~4.2~~|~~4.3~~|~~4.3~~|~~4.27~~|1|00

|d|~~5.9~~|~~5.2~~|~~5.1~~|~~5.3~~|~~5.20~~|0|1|u
nderline|1
|e|5.4|5.4|5.7|5.50|11|2
|f|5.9|5.9|6.1|5.97|11|1
|g|7.8|7.7|7.7|7.73|100
|h|8.1|8.1|8.3|8.17|11|1
|k|8.7|8.7|8.8|8.73|001
P|
~~[[~~3.8~~]]~~|~~[[~~4.0~~]]~~|~~[[~~3.7~~]]~~|~~[[~~3.9~~]]~~|~~[[~~3.9~~]]~~|~~[[~~3.83~~]]~~|~~[[~~1~~]]~~|~~[[~~1~~]]~~
b¹	~~[[~~3.0~~]]~~					
f	2.8	3.0				
g	3.0	3.2				
h	3.3	3.5				
i	3.8					
j	~~[[~~3.9~~]]~~	4.1				
[[/table]]

12

Pleiades and Pole

Mch 22, 1907

	a	b	c	d	e	f	g	h	i	j	k	l	m	n	Pole
1st	2.9	3.1	3.0	3.1	3.07	0	1	0							
2nd	2.9	3.1	3.2	3.2	3.17	1	00								
3rd	3.2	3.5	3.5	3.6	3.53	001									
4th	3.6	3.8	3.8	3.9	3.83	001									
5th	4.1	4.1	4.1	4.1	4.10	000									
6th	5.1	5.1	5.2	5.13	001										
7th	5.5	5.7	5.7	5.63	1	11									
8th	7.2	7.2	7.3	7.23	001										
9th	8.2	8.3	8.3	8.27	1	00									
10th	8.9	8.9	9.0	8.93	001										
11th	2.0	2.2	2.3	2.27	1	00									
12th	3.8	4.0	3.7	3.9	3.9	3.83	1	1							
13th	4.8	5.0	4.2	4.3	4.3	4.27	1	00							
14th	5.9	5.2	5.1	5.3	5.20	0	1	u							
15th	5.4	5.4	5.7	5.50	11	2									
16th	5.9	5.9	6.1	5.97	11	1									
17th	7.8	7.7	7.7	7.73	100										
18th	8.1	8.1	8.3	8.17	11	1									
19th	8.7	8.7	8.8	8.73	001										

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T¹ Plates. 13
Pleiades and Pole
Mch 22, 1907
[[table, 4 columns]]
I34313
|j¹| |5.1
|k| |5.7
|l| |7.2
|m| |8.3
|n| |8.9
Pole|a|2.1|2.3
|b|~~4.0~~^{3.9} 4.2
|c|~~4.9~~^{4.3}
|d| |5.1
|e| |5.4
|f| |5.9
|g| |7.7
|h| |8.1
|k| |8.7
Pl. ~~[[2d]]~~ |a¹|-| |
|b¹|-| |
|f|2.9|3.1
|g|3.0|3.2
|h|3.3|3.6
|i| |3.9
|j| |4.1
|j¹| |5.2
|k| |5.7
|l| |7.3
|m| |8.3
|n| |9.0
Pole|a|2.1|2.3
|b|3.7^{3.9} 3.9

13

T¹ Plates
Pleiades and Pole
Mch 22, 1907

<i>T¹ 4313</i>			
<i>f</i>		5.1	
<i>g</i>		5.7	
<i>h</i>		7.2	
<i>m</i>		8.3	
<i>n</i>		8.9	
<i>a</i>		2.1	2.3
<i>b</i>		4.0	4.2
<i>c</i>		4.9	4.3
<i>d</i>		5.1	
<i>e</i>		5.4	
<i>f</i>		5.9	
<i>g</i>		7.7	
<i>h</i>		8.1	
<i>k</i>		8.7	
<i>Pole</i>			
<i>a</i>		2.1	2.3
<i>b</i>		3.7	3.9
<i>c</i>		4.0	4.2
<i>d</i>		4.9	4.3
<i>e</i>		5.1	
<i>f</i>		5.7	
<i>g</i>		7.2	
<i>h</i>		8.3	
<i>m</i>		8.9	
<i>n</i>		9.0	
<i>a</i>		2.1	2.3
<i>b</i>		3.7	3.9

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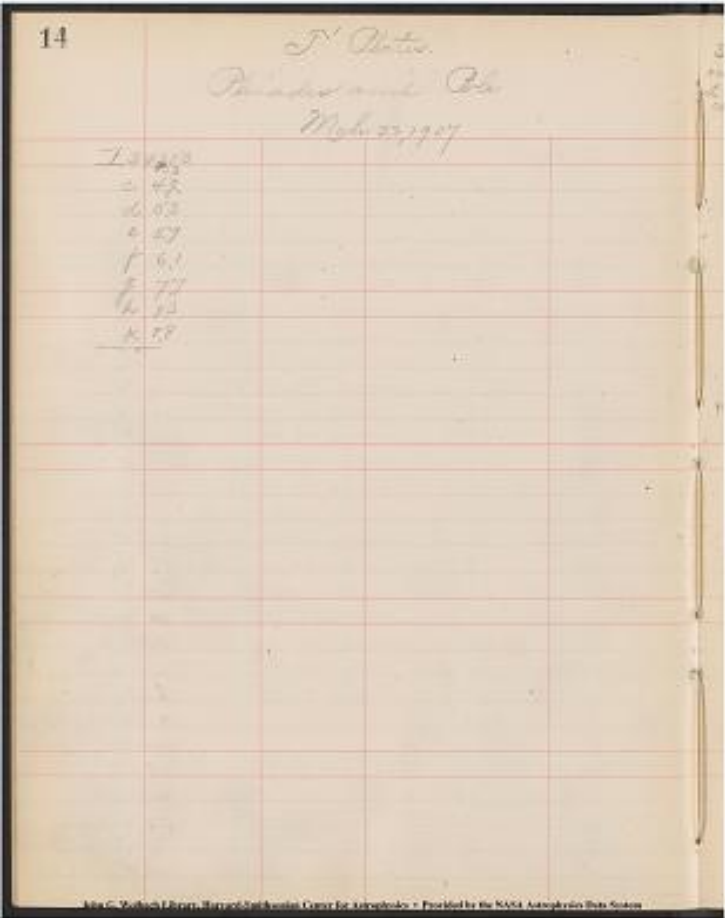
14

J' Plates.
Pleiades and Pole

Mch 22, 1907

I 34313
753
[[2 columned table]]
c | 4.~~7~~3
d | 5.3
e | 5.7
f | 6.1
g | 7.7
h | 8.3
k | 8.8

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Seg. marked on I 34250 from L. Campbell's chart.

J'. Plates.

Polar sequence and seg. for Nova Persir [?]] No 2.

(Miss Leavitt's scale)

March 26, 1907

I 13420 | I 34250

| F | B | | | |

Polar a | 2.3 | 2.1 | 2.2 | 2.25 | 1.0 | | K | 9.2

b | 3.8 | 3.9 | 3.85 | 0.1 | Phot. seg. | a | 4.2

c | 5.0 | 4.9 | 4.95 | 0. | 1 | | b | 6.1

d | 6.1 | 6.1 | 6.10 | 0.0 | | c | 7.1

e | 6.4 | 6.3 | 6.35 | 0. | 1 | | d | 7.1

f | 6.8 | 6.8 | 6.80 | 0.0 | | e | 7.8

g | 8.3 | 8.5 | 8.40 | 1 | 1 | | f | 8.2

h | 8.6 | 8.7 | 8.65 | 0.1 | | g | 8.5

k | 9.1 | 9.2 | 9.15 | 1 | 0 | | h | 9.2

Phot. Seg. a | 4.3 | 4.2 | 4.25 | 1.0 | | k |

9.3

b | 6.1 | 6.1 | 6.10 | 0.0 | | 9.2

c | 7.0 | 7.1 | 7.05 | 0.1 | | m | 9.7

d | 6.9 | 7.1 | 7.00 | 1 | 1 | | n | 9.9

e | 7.9 | 7.8 | 7.85 | 1.0 | |

f | 8.3 | 8.2 | 8.25 | 1.0 | | I 34470 | F | B |

g | 8.5 | 8.5 | 8.50 | 0.0 | Polar | a | 2.3 | 2.4 | 2.1 | 2.35 | 10

h | 9.1 | 9.2 | 9.15 | 10 | | b |

~~4.0~~^{3.9} | 4.0 |

3.95 | 10

k | 9.1 | 9.3 | 9.20 | 11 | | c | 5.0 | 4.9 | 4.95 | 01

l | 9.0 | 9.2 | 9.10 | 11 | | d | 5.9 | 6.0 | 5.95 | 10

m | 9.8 | 9.7 | 9.75 | 01 | | e | 6.2 | 6.3 | 6.25 | 01

n | 10.0 | 9.9 | 9.95 | 01 | | f | 6.6 | 6.7 | 6.65 | 01

Polar a | 2.2 | 2.0 | | | g | 8.1 | 8.0 | 8.05

10

b | 3.9 | | | | h | 8.4 | 8.3 | 8.35 | 01

c | 4.9 | | | | k | 8.9 | 8.8 | 8.85 | 10

d | 6.1 | | | Phot. | a | 4.3 | 4.1 | 4.20 | 11

e | 6.3 | | | | b | 5.9 | 6.1 | 6.00 | 11

f | 6.8 | | | | c | 6.8 | 6.7 | 6.75 | 01

g | 8.5 | | | | d | 6.7 | 6.7 | 6.70 | 00

h | 8.7 | | | | e | 7.5 | 7.6 | 7.55 | 10

16

T' Plates
Nova Persei No 2.

Mch 27, 1907

I34470

f 8.1 8.1 8.10 00
g 8.7 8.7 8.70 00
h 9.2 9.1 8.15 01
k 9.1 9.1 9.10 00
l 8.9 9.0 8.95 10
m 9.7 9.8 9.75 10
n 9.9 9.9 9.90 00

Pol. a 2.4 2.2

b 4.0
c 4.9
d 6.0
e 6.3
f 6.7
g 8.0
h 8.3
k 8.8

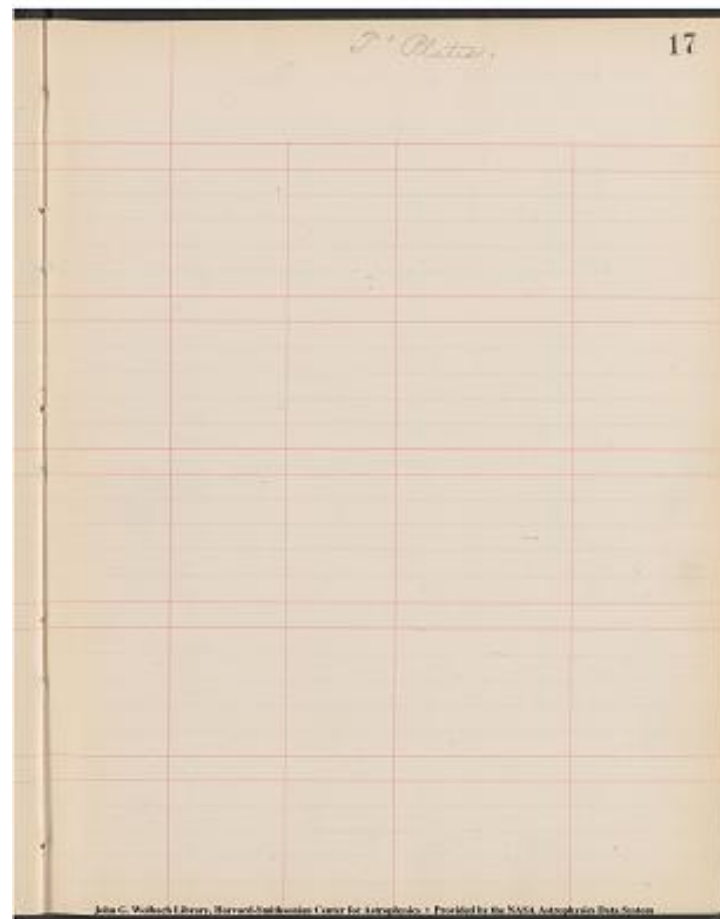
Phot. a 4.1

b 6.1
c 6.7
d 6.7
e 7.0
f 8.1
g 8.7
h 9.1
k 9.1
l 9.0
m 9.8
n 9.9

16	I' Plates		
	Nova Persei No 2.		
	Mch 27, 1907		
I 34470			
f	8.1	8.1	8.10 00
g	8.7	8.7	8.70 00
h	9.2	9.1	8.15 01
k	9.1	9.1	9.10 00
l	8.9	9.0	8.95 10
m	9.7	9.8	9.75 10
n	9.9	9.9	9.90 00
Pol. a	2.4	2.2	
b	4.0		
c	4.9		
d	6.0		
e	6.3		
f	6.7		
g	8.0		
h	8.3		
k	8.8		
Phot. a	4.1		
b	6.1		
c	6.7		
d	6.7		
e	7.0		
f	8.1		
g	8.7		
h	9.1		
k	9.1		
l	9.0		
m	9.8		
n	9.9		

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or 32
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19

Scale measures of seg. for var-59233

(Comt[[]] starts on B14993)

(Seale C)

March 28, 1907

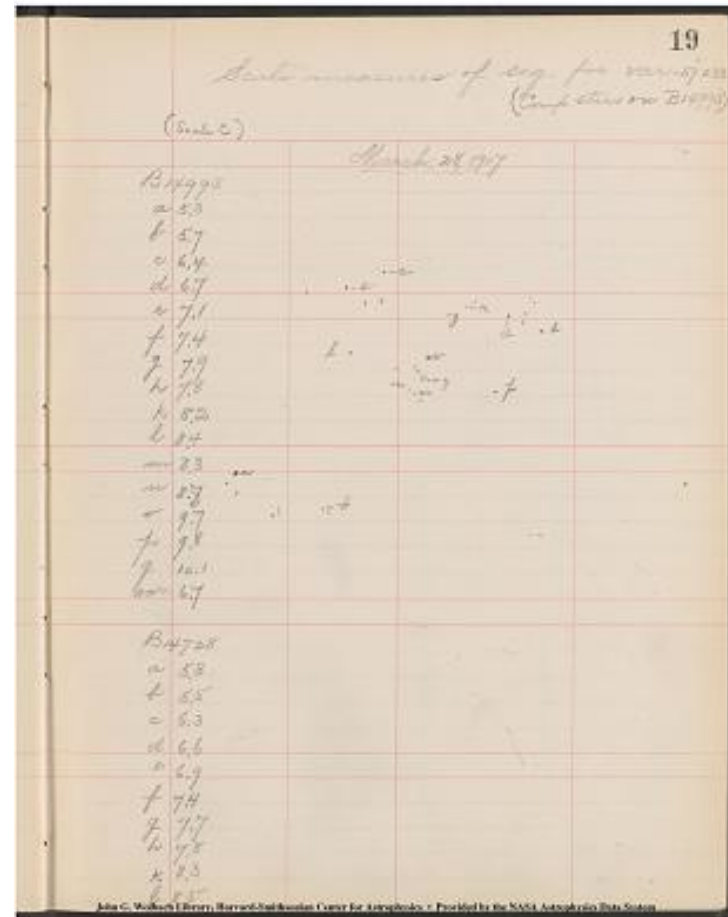
B.14993

a 5.3
b 5.7
c 6.4
d 6.7
e 7.1
f 7.4
g 7.9
h 7.8
k 8.2
l 8.4
m 8.3
n 8.8
o 9.7
p 9.8
g 10.1
var 6.7

B14728

a 5.3
b 5.5
c 6.3
d 6.6
e 6.9
f 7.4
g 7.7
h 7.8
k 8.3
l 8.5

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20

-59° 233 (cont)

March 28, 1907

B14728

m 8.5
n 9.2
o 9.9
p 9.9
g p 4g
var 7.1

B24261

a 5.3
b 5.7
c 6.7
d 6.9
e 7.3
f 7.7
g 8.2
h 8.2
k 8.7
l 8.9
m 9.1
n 9.7
o n6o
p o1p
q p2g
var 7.2

B~~26036~~ 26036 ~~24393~~

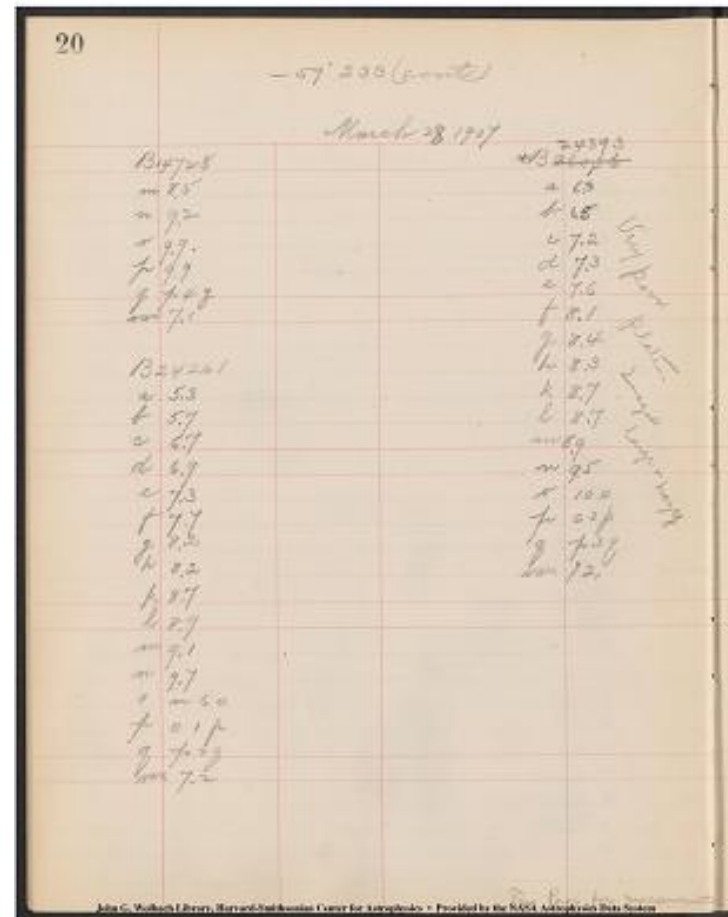
a 6. ~~3~~

b 6.5
c 7.2
d 7.3
e 7.6
f 8.1
g 8.4
h 8.3
k 8.7
l 8.7
m 8.9
n 9.5
o 10.0
p 03p
q p3g
var 72

Very poor plate images large & hazy

Too poor for measurements

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21

Measures of $-57^{\circ} 400$

(Comp stars on B18069)

Mch 30, 1907

B18069

[2 columned table]

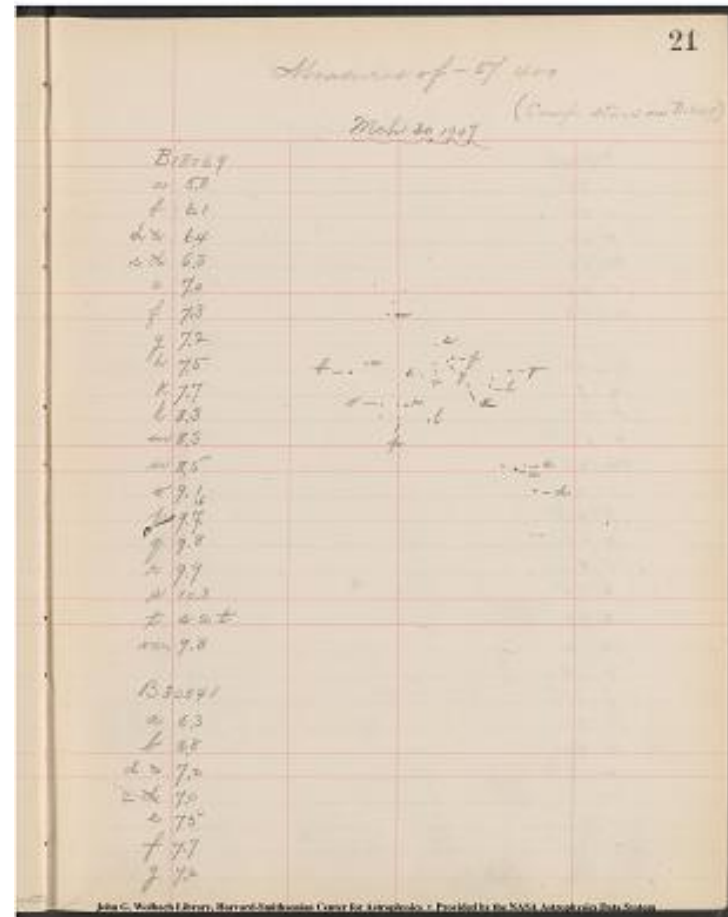
a|5.8|
b|6.1|
d|~~6.4~~|c|~~6.3~~|
c|~~6.3~~|d|~~6.3~~|
e|7.0|
f|7.3|
g|7.2|
h|7.5|
k|7.7|
l|8.3|
m|8.3|
n|8.5|
o|9.1|
p|9.1|~~7~~|~~4~~|
q|9.8|
r|9.9|
s|10.3|
t|s 2 t|
var.|9.8|

[image = star plot]

B30841

[2 columned table]

a|6.3|
b|6.8|
d|~~7.2~~|c|~~7.2~~|
c|~~7.0~~|d|~~7.0~~|
e|7.5|
f|7.7|
g|7.6|



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-57° 400 (cont)

Mch 30, 1907

[[five column table]]

B|30841||||

h|7.9|q|9.8|

k|8.1|r|9.8|

l|8.6|s|10.2|

m|8.7|t|10.2|

n|8.9|var.|7.9|

o|9.3|||||

p|9.7|B|23949|

q|10.0|a|6.3|

r|9.9|b|6.7|

s|10.2|c|6.9|

t|sigma 3 t|d|7.1|

var.|10.1|e|7.4|

||||f|7.8|

B|26380|g|7.9|

a|6.2|h|8.2|

d|~~[[strikethrough]]c|~~[[strikethrough]]|7.2|l|8.7|c|~~[[strikethrough]]d|~~[[strikethrough]]|6.9|m|8.9|

e|7.4|n|9.2|

f|7.6|o|9.6|

g|7.6|p|9.9|

h|7.8|q|10.1|

k|7.9|r|10.4|

l|8.3|s|r 3 S|

m|8.5|t|s [[?]]|

n|8.7|var|9.2|

o|9.3|||||

p|9.7|||||

22

- 57° 400 (cont)

Mch 30, 1907

B 30841					B 30841				
h 7.9					h 7.9				
k 8.1					k 8.1				
l 8.6					l 8.6				
m 8.7					m 8.7				
n 8.9					n 8.9				
o 9.3					o 9.3				
p 9.7					p 9.7				
q 10.0					q 10.0				
r 9.9					r 9.9				
s 10.2					s 10.2				
t sigma 3 t					t sigma 3 t				
var. 10.1					var. 10.1				
f 7.8					f 7.8				
B 26380					B 26380				
a 6.2					a 6.2				
d [[strikethrough]]c [[strikethrough]]					d [[strikethrough]]c [[strikethrough]]				
c [[strikethrough]]d [[strikethrough]]					c [[strikethrough]]d [[strikethrough]]				
e 7.4					e 7.4				
f 7.6					f 7.6				
g 7.6					g 7.6				
h 7.8					h 7.8				
k 7.9					k 7.9				
l 8.3					l 8.3				
m 8.5					m 8.5				
n 8.7					n 8.7				
o 9.3					o 9.3				
p 9.7					p 9.7				

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Measures of Seq. for X Coronae

15h 43.6m +36⁰⁰₄₁⁰⁰ (Comp stars on
I25288)

May 27, 1907

[[2 columned table]]

I20888

a|6.4|

b|7.5|

c|8.2|

d|8.7|

e|9.3|

f|9.7|

g|9.5|

h|10.1|

k|10.3|

l|k 2 l|

m|l 3 m|

n|m 3 n|

o|F|

p|n.s|

[[image - star plot]]

[[2 columned table]]

I14563

a|6.4|

b|7.4|

c|8.1|

d|8.6|

e|9.2|

f|9.5|

g|9.3|

h|~~10.0~~q|~~10.0~~

k|10.2|

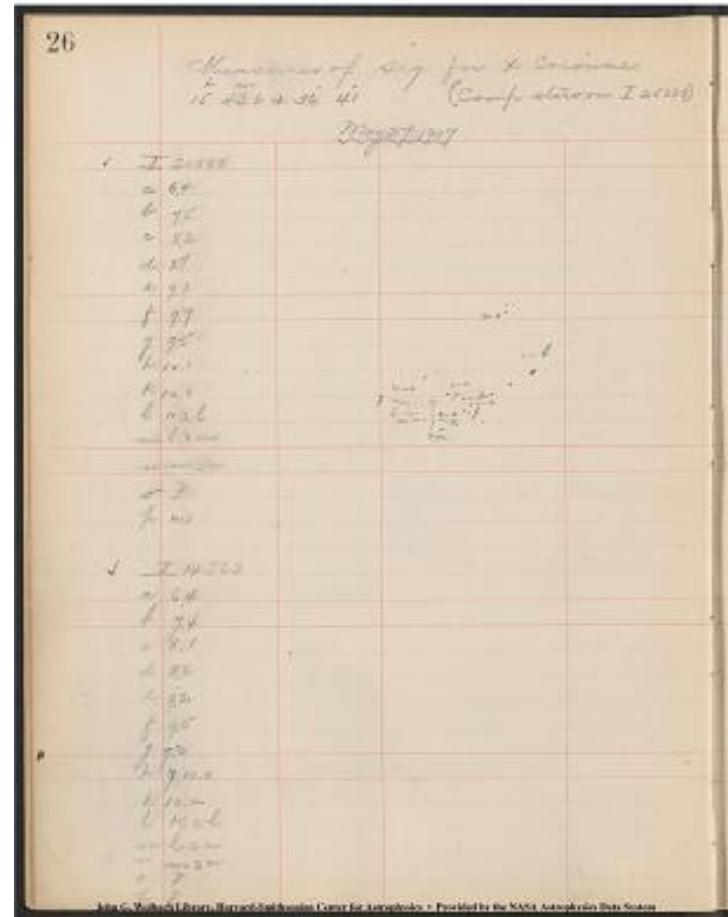
l|k 2 l|

m|l 2 m|

n|m 3 n|

o|F.|

p|F|



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or 32
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27

X Coronae (cont)

May 27, 1907

I 24820

[[2 columned table]]

a|6.5|

b|7.7|

c|8.2|

d|8.8|

e|9.3|

f|9.5|

g|9.4|

Defective? h|10.0|

k|10.2|

l|k 3 l|

m|l 3 m|

n|m 3 n|

o|n.s|

p|n.s|

[[left margin]]

Quality 3 plate - could find nothing better

[[/left margin]]

I 17737

[[2 columned table]]

a|6.5|

b|7.7|

c|8.3|

d|8.8|

e|9.4|

f|9.6|

g|9.4|

h|10.1|

k|h 3 k|

l|k 2 l|

m|l 2 m|

n|F|

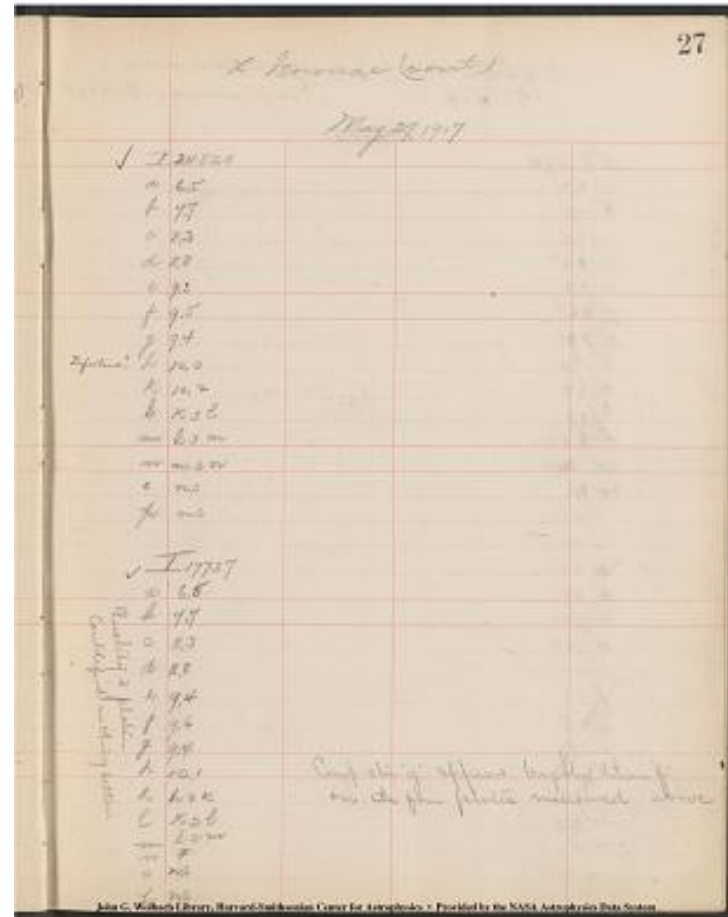
o|n.s|

p|n.s|

[[right margin]]

Comp star "g" appears brighter than "f" on the four plates measured above

[[/right margin]]



Project PHaEDRA - Evelyn F. Leland - Search for variables; measures #31 or 32
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28

Measures of seq for - Coronae

15h 52m +29 (comp stars on I32996)

May 27, 1907

I32996

[[2 columned table]]

a|6.7|
b|7.4|
c|7.5|
d|8.0|
e|8.3|
f|8.6|
g|8.9|
h|9.3|
k|9.8|
l|9.9|
m|l 5 m|
n|m 3 n|
var|8.3|

[[image - star chart]]

I24819

[[2 columned table]]

a|6.0|
b|6.9|
c|7.1|
d|7.6|
e|7.9|
f|8.1|
g|8.5|
h|8.7|
k|9.0|
l|9.1|
m|9.9|
n|10.2|
var|n.s?|

28

Measures of seq for - Coronae
15h 52m +29 (comp stars on I32996)
May 27, 1907

✓ I32996

a	6.7
b	7.4
c	7.5
d	8.0
e	8.3
f	8.6
g	8.9
h	9.3
k	9.8
l	9.9
m	l 5 m
n	m 3 n
var	8.3

✓ I24819

a	6.0
b	6.9
c	7.1
d	7.6
e	7.9
f	8.1
g	8.5
h	8.7
k	9.0
l	9.1
m	9.9
n	10.2
var	n.s?

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30

Measures of seq for var 0^h 2.^m 0 +50° 45'
(Comp stars on I31198)

May 29, 1907

I31198

a | 5.2
b | 5.5
c | 5.9
d | 6.0
e | 6.5
f | 6.8
g | 7.2
w | 7.4
k | 7.4
l | 7.7
m | 8.0
n | 8.3
o | 8.5
p | ~~8.8~~ 8.5
q | ~~8.5~~ 8.8
n | 9.7
s | 9.8
t | 10.3
u | t 0 w^u
w | ~~w 1 x~~ w 3 w
x | w 1 x
v | 9.7

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30

Measures of seq for var 0.2.0.0 +50.45
(Comp stars on I31198)

May 29, 1907

Star	Magnitude	Position
a	5.2	
b	5.5	
c	5.9	
d	6.0	
e	6.5	
f	6.8	
g	7.2	
w	7.4	
k	7.4	
l	7.7	
m	8.0	
n	8.3	
o	8.5	
p	8.8 8.5	
q	8.5 8.8	
n	9.7	
s	9.8	
t	10.3	
u	t 0 w ^u	
w	w 1 x w 3 w	
x	w 1 x	
v	9.7	

Project PHaEDRA - Evelyn F. Leland - Search for variables; measures #31 or 32
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31

0h 2.0m +50° 45' (cont)

May 29, 1907

I 5002

[[image - star chart]]

a | 6.1

b | 6.5

c | 7.0

d | 7.1

e | 7.8

f | 8.0

g | 8.2

h | 8.6

k | 8.5

l | 8.8

m | 9.3

n | ~~9.9~~ 9.6

o | ~~10.3~~ 10.0

p | ~~10.4~~ 10.1

q | ~~10.1~~ 10.4

r | [n.s.]

s | [n.s.]

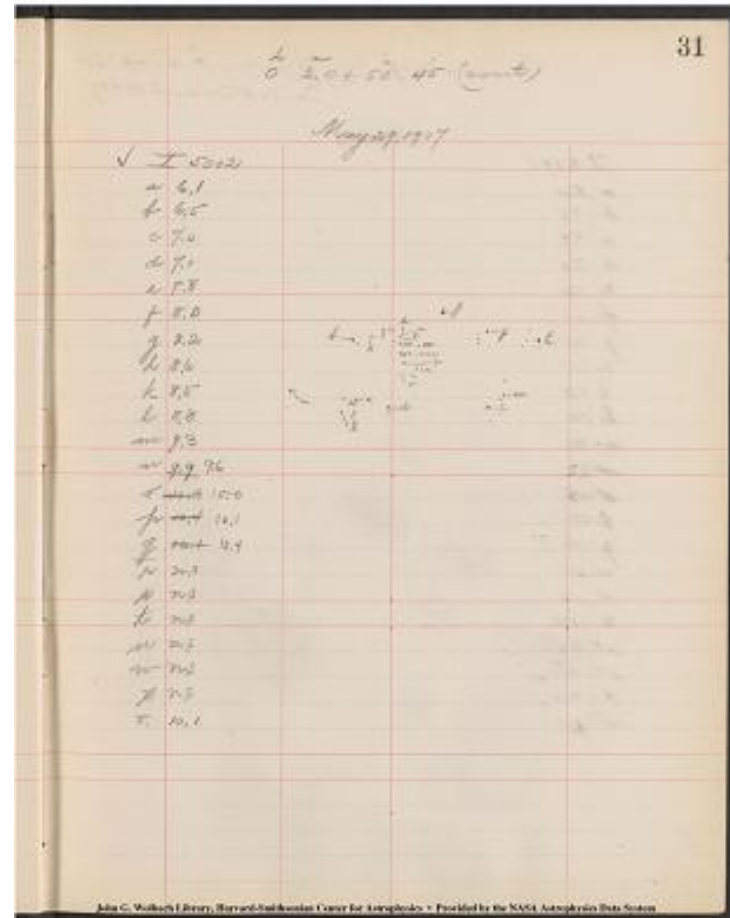
t | [n.s.]

u | [n.s.]

w | [n.s.]

x | [n.s.]

v. | 10.1



Project PHaEDRA - Evelyn F. Leland - Search for variables; measures #31 or 32
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115783
a 6.2
b 6.6
c 6.9
d 7.0
e 7.7
f 7.9
g 8.1
h 8.3
k 8.3
l 8.6
m 8.9
n 9.2
o ~~9.3~~ ~~9.3~~
p ~~9.6~~ ~~9.4~~
r ~~9.4~~ ~~9.6~~
s 10.2
t s5t
u t0u
w n.s
x n.s
var. 10.2?

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33

$0^{\text{h}} 2^{\text{m}} 0^{\text{s}} + 50^{\circ} 4' 5''$

May 29, 1907

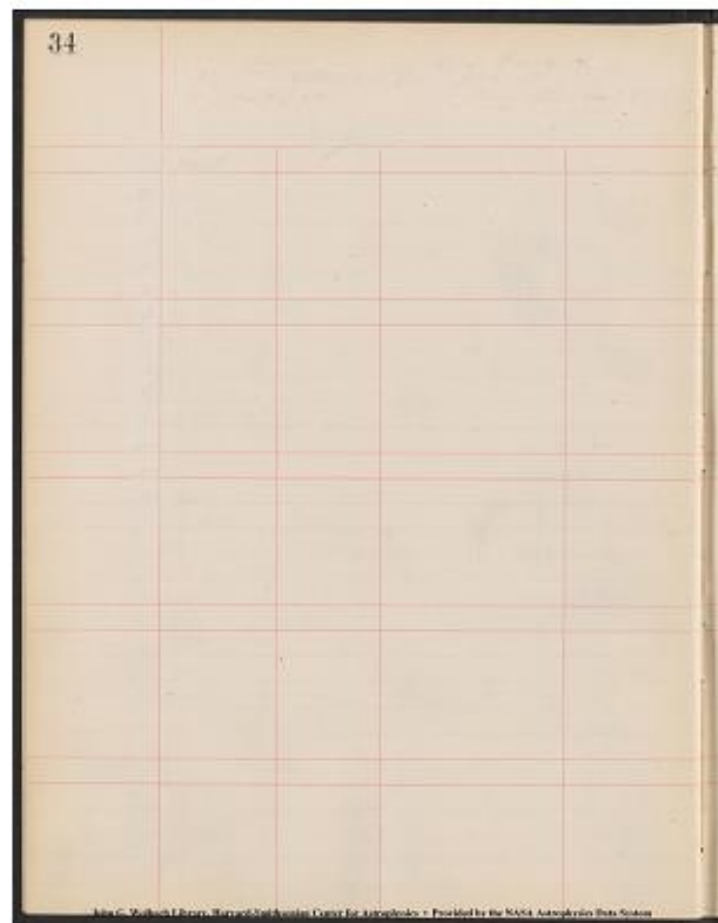
2.7653

a	6.7
b	7.1
c	7.3
d	7.5
e	8.3
f	8.6
g	8.7
h	9.1
k	9.1
l	9.3
m	9.6
n	10.1
o	n 4 o
p	o 1 p
q	p 2 q
r	q 6 ^h [H] r
s	r 1 s
t	F
u	F
w	n.s
x	n.s
var	n.s

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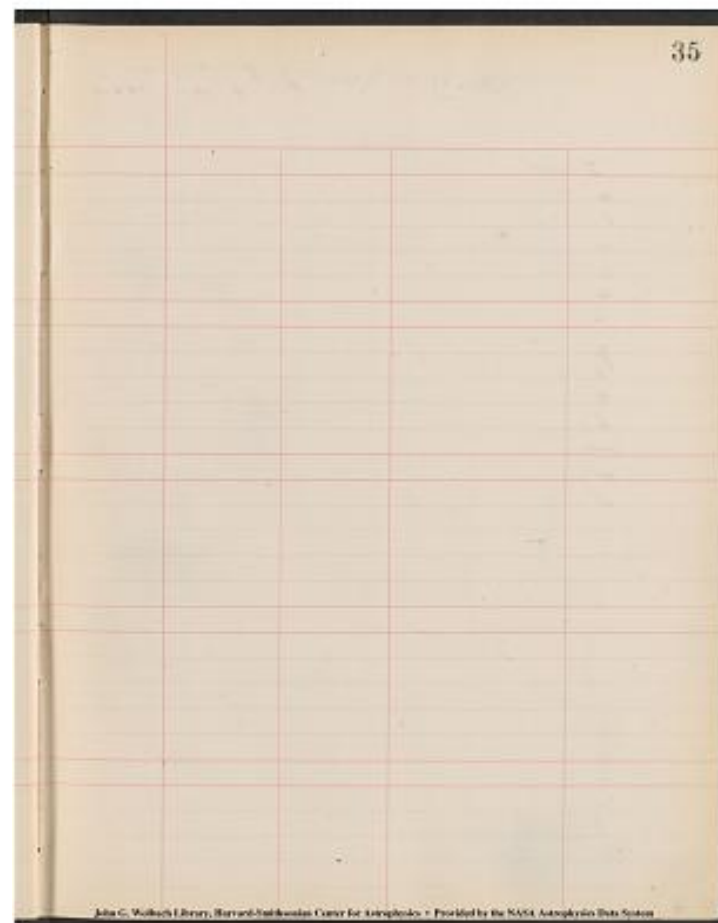
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36

Measures of Seq for Mr. Metcalfs var.
(see W.P.F.'s book 17 p 158) 9^{h} 45^{m} $39.8^{\circ} + 12^{\circ} 20.3'$ approx
Comp stars on I32744
Comp stars on A 7649

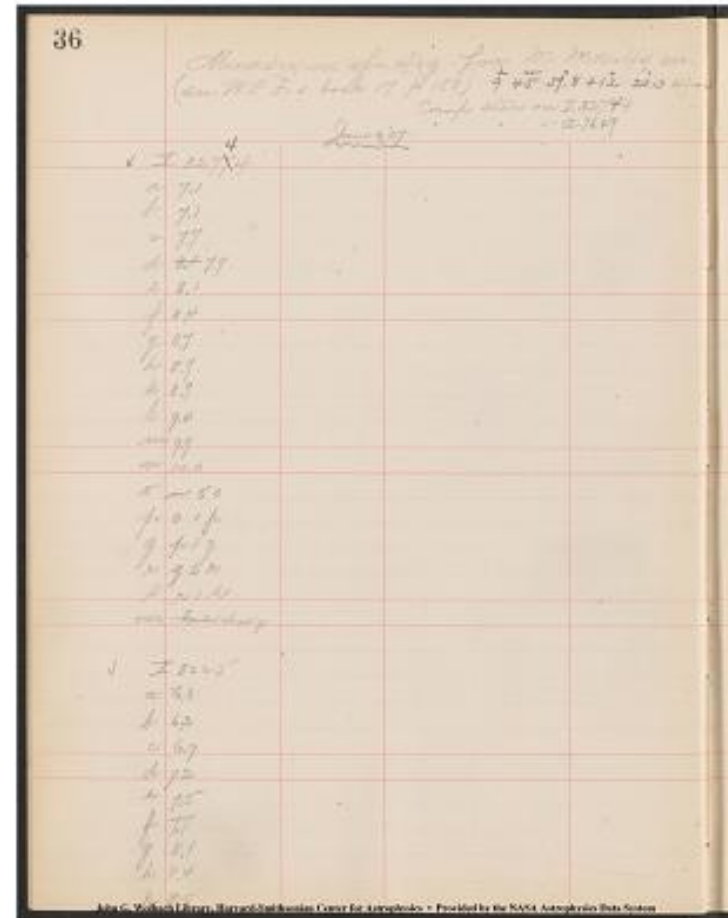
June 6, '07

~~I 32774~~ I
32744

a | 7.1
b | 7.1
c | 7.7
d | ~~8.1~~ 7.9
e | 8.1
f | 8.4
g | 8.7
h | 8.9
k | 8.9
l | 9.4
m | 9.9
n | 10.0
o | n 5 o
p | o 1 p
q | p 3 q
r | q 2 r
s | r 1 s
var. | ~~Fainter than q~~

I 8225

a | 6.3
b | 6.2
c | 6.9
d | 7.2
e | 7.5
f | 7.7
g | 8.1
h | 8.4
k | 8.5



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38

9 45 39.8 +12 20.3 (cont)

June 6, 07

18225

[[2 columned table]]

a	6.2
b	6.2
c	6.9
d	7.2
e	7.4
f	7.5
g	7.9
h	8.3
k	8.4
l	9.6
m	9.9
n	10.1
o	n 3 o
p	o 1 p
q	n.s
r	n.s
s	n.s
v.	

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Estimates of new var found by J.H.M.
 9h 45 39.8 +12 20.3
 (Comp stars on I 32744)

June 11, 1907

[4 columned table]

I 32744 | I 28126 | 22588 | 10852 |
 13. ~~4~~ ~~3~~ 13.0
 Not cover reg. | Too poor |
 I 25223 | 28499 | 22649 sp. | I 8271 |
 Does not cover reg. | Too poor | Not cover reg. | Not cover reg. |

I 26373 | I ~~29710~~ ~~30009~~ | 22656 Sp. |
 8378 |
 12.0 | 11.9 ? | On edge. | Not cover reg |

I 26410 | 31163 Sp. | 23778 | 10142 |
 Does not cover reg. | Too poor | Just off film | Not cover reg |

I 28300 | I 22585 | 13887 | 5814 |
 Does not cover reg. | Too poor | Too poor | Wr. reg |

I 29962 | 22174 | 13888 | 5870 |
 Does not cover reg. | Does not cover reg. | Not cover reg | Not cover reg |

I 29963 | 22196 | 31477 Sp. | 5882 |
 Does not cover reg | Not cover reg. | Not cover reg | Too poor |

I 26405 | 22315 Sp | 31571 Sp | 5995 |
 Just off film | Not cover reg. | Not cover reg. | Not cover reg |

I 26589 | 31338 Sp | 31571 Sp | 6018 |
 Off film | Too poor | Near edge | Too poor |

I 26879 | 22539 sp. | 10736 | 6040 |
 Off film | Too poor | Wr. reg. | Not cover reg. |

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 [bullet point?] Provided by the NASA Astrophysics Data System

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Estimates of new var found by J.H.M.
 9h 45 39.8 +12 20.3 (Comp stars on I 32744)

I 32744 12X	I 28126 122	I 22588 Not covering	I 10852 Paper
I 25223 Not covering	I 28499 Paper	I 22649 sp. Not covering	I 8271 Not covering
I 26373 Not covering	I 29710 Paper	I 30009 Not covering	I 22656 Not covering
I 26410 Not covering	I 31163 sp. Paper	I 23778 Just off film	I 10142 Not covering
I 28300 Not covering	I 22585 Off film	I 13887 Paper	I 5814 Wr. reg.
I 29962 Not covering	I 22174 Not covering	I 13888 Not covering	I 5870 Not covering
I 29963 Not covering	I 22196 Not covering	I 31477 sp. Not covering	I 5882 Too poor
I 26405 Just off film	I 22315 sp. Not covering	I 31571 sp. Not covering	I 5995 Not covering
I 26589 Off film	I 31338 sp. Paper	I 31571 sp. Near edge	I 6018 Too poor
I 26879 Off film	I 22539 sp. Paper	I 10736 Wr. reg.	I 6040 Not covering

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Estimates of new var. (J. H. M) cont

June 11, 1907

[[4 columned table]]

I 6174 | I 17726 | I 14683 | I 966 |
 Not cover reg. | 13.5 | Not cover reg. |
 I 20616 | I 17768 | I 15007
 Not cover reg. | Not cover reg. | Off film. | ~~Too~~
 poor | Not cover reg. |
 I 20617 | I 17769 | I 12652 | I 503 Sp |
 Not cover reg. | On edge of film uncertain. | Too poor |
 I 20144 | I 17826 | I 5664 | I 281 |
 Too poor | Too poor | 12.3 | 13.0 |
 I 19549 | I 17827 | I 5595 | I 10035 |
 On edge. | Too poor | Wr. reg. | Too poor |
 I 11930 | I 17829 | I 5062 | I 10246 |
 Too poor | Too poor | Not cover reg. | Too poor |
 I 18078 | I 15140 | I 3355 | B 2416 Sp |
 On edge of film | Too poor | Not cover reg. | Too poor |
 I 17467 | I 15141 | I 3321 | B 2446 sp |
13.5 | Too poor | Too poor | Too poor |
 I 17558 | I 1509 | I 1004 | B 2602 sp |
 Off film | On edge of film. | On edge of f. | Too poor |
 I 17559 | I 15055 | I 643 sp | B 3237 sp |
 On edge of film uncertain. | 11.9 | Too poor | Too poor |

40

Estimates of new var. (J. H. M) cont

June 11, 1907

I 6174	I 17726	I 14683	I 966
Not cover reg.	13.5	Off film	Not cover reg.
I 20616	I 17768	I 15007	I 503
Not cover reg.	Not cover reg.	Off film	Not cover reg.
I 20617	I 17769	I 12652	I 503 Sp
Not cover reg.	Not cover reg.	Off film	Not cover reg.
I 20144	I 17826	I 5664	I 281
Too poor	Too poor	12.3	13.0
I 19549	I 17827	I 5595	I 10035
On edge.	Too poor	Wr. reg.	Too poor
I 11930	I 17829	I 5062	I 10246
Too poor	Too poor	Not cover reg.	Too poor
I 18078	I 15140	I 3355	B 2416 Sp
On edge of film	Too poor	Not cover reg.	Too poor
I 17467	I 15141	I 3321	B 2446 sp
13.5	Too poor	Too poor	Too poor
I 17558	I 1509	I 1004	B 2602 sp
Off film	On edge of film.	On edge of f.	Too poor
I 17559	I 15055	I 643 sp	B 3237 sp
On edge of film	uncertain.	11.9	Too poor

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Estimates of new var. (J. H. M.)

June 12, 1907

[4 columned table]

B 3238 | I 34023 sp | B 1114 sp | I 32309 |
 Not cover reg. | Too poor | Too poor | 13.2 |
 B 8955 sp | I 34064 sp | I 31610 sp | I 20439 |
 Too poor | Too poor | Off film | 11.8 |
 B 9247 | I 34394 | I 10770 | I 24489 |
 Not cover reg. | 13.4 | Not cover reg. | 11.6 |
 B 9463 sp | I 34480 | I 12628 | I 24848 |
 Too poor | Off film | Too poor | Too poor |
 I 32455 | I 34493 sp | I 5746 | AM 4171 |
13.0 | Too poor | Too poor |
12.0 |
 I 32532 | I 34506 sp | I 19468 | AC 201 |
 11.8 | Not cover reg. | Unidentified | < 12 |
 I 32906 | B 2083 sp | MA 96 | AC 146 |
 Too poor | Too poor | 11.5 | 11.7 |
 I 32974 | B 2030 sp | MA 94 | AC 591 |
 Not cover reg. | Not cover reg. | 13.5 |
12.0 |
 I 33002 | B 2400 sp | I 8225 | AC 1264 |
 Not cover reg. | Too poor | best guess? |
13.5 | 11.7 |
 I 33038 Sp | B 481 | I 22505 | AC 2382 |
 Too poor | 11.5 | 13.0 |
12.0 |

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Estimates of new var. (J. H. M.)

June 12, 1907			
B 3238	I 34023 sp	B 1114 sp	I 32309
Not cover reg.	Too poor	Too poor	<u>13.2</u>
B 8955 sp	I 34064 sp	I 31610 sp	I 20439
Too poor	Too poor	Off film	11.8
B 9247	I 34394	I 10770	I 24489
Not cover reg.	<u>13.4</u>	Not cover reg.	11.6
B 9463 sp	I 34480	I 12628	I 24848
Too poor	Off film	Too poor	Too poor
I 32455	I 34493 sp	I 5746	AM 4171
<u>13.0</u>	Too poor	Too poor	
<u>12.0</u>			
I 32532	I 34506 sp	I 19468	AC 201
11.8	Not cover reg.	Unidentified	< <u>12</u>
I 32906	B 2083 sp	MA 96	AC 146
Too poor	Too poor	11.5	<u>11.7</u>
I 32974	B 2030 sp	MA 94	AC 591
Not cover reg.	Not cover reg.	<u>13.5</u>	
<u>12.0</u>			
I 33002	B 2400 sp	I 8225	AC 1264
Not cover reg.	Too poor	<u>best guess?</u>	
<u>13.5</u>		<u>11.7</u>	
I 33038 Sp	B 481	I 22505	AC 2382
Too poor	11.5	<u>13.0</u>	
<u>12.0</u>			

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43

Estimates of new var (J.H.M)

June 12, 1907

[[Two Column Table]]

B 31405 | A 7693 |
Not cover reg. | 12.0 |

B 32900 | |
Near edge | |

B 33088 | |
Not cover reg. | |

B 33789 | |
Not cover reg. | |

B 35388 | |
Not cover reg. | |

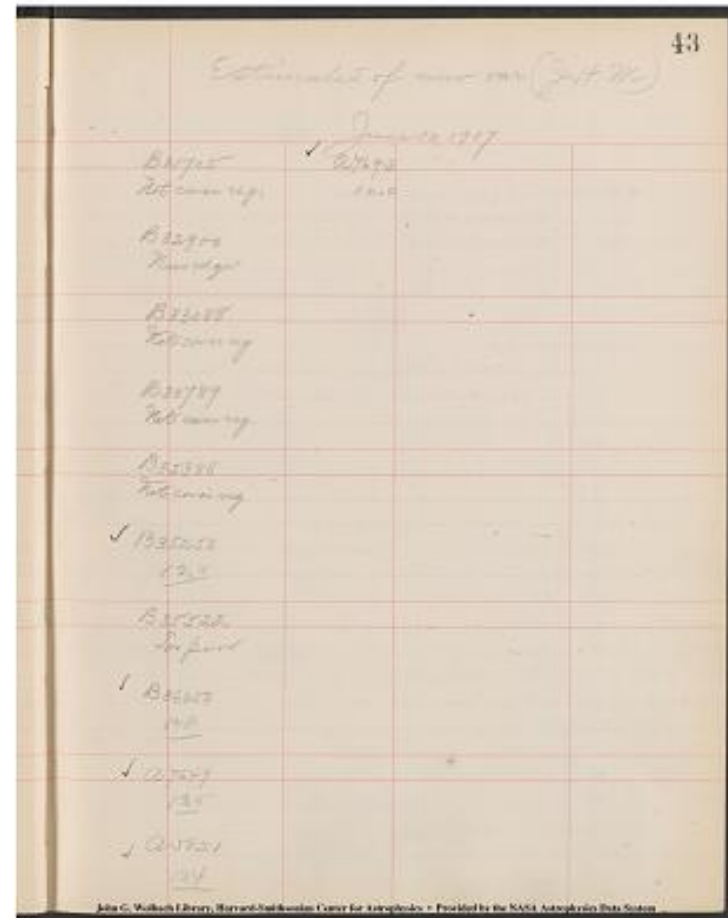
B 35253 | |
12.0 | |

B 35522 | |
Too poor | |

B 36050 | |
12.0 | |

A 7649 | |
13.5 | |

A 5821 | |
13.4 | |



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T' Plates.

Remeasures of stars in M.P. seq having residuals of .50 or more.

Reg. A₂ = 12° + 75°

August 26, 1907

Reg. B₅ + 12° + 45°

[5 column table]

|28383|B 31 Early Meas.|3rd meas.|---|28539|

1st meas No 1|6.2 6.1 6.2 6.1 6.1 6.14|1|6.2 6.2 6.1 = 6.17|A|

1st meas No 8|8.8 8.7 8.9 8.9 8.9 8.9|8|8.8 8.8 8.7 = 8.77|B|

2nd meas No 1|6.1|---|C|

2nd meas No 8|8.7|---|D|

---|---|---|E|

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

|28436|---|---|

1|6.7 6.6 6.2 6. 6.1 6.36|1|6.7 6.7 6.6 = 6.67|28765|

8|8.7 8.7 8.7 8.6 8.4 8.62|8|8.7 8.7 8.7 = 8.70|A|

1|6.6|---|B|

8|8.7|---|C|

---|---|---|D|

---|---|---|E|

[right margin]Reg B₂ 4° + 45°

---|---|---|28534|

|27948|---|---|A|

8|8.1 8.0 7.8 7.9 7.9 7.94|8|7.9 8.1 8.0 = 8.00|B|

10|9.2 9.1 8.8 8.9 9.1 9.02|10|8.9 9.2 9.1 9.07|C|

8|8.0|---|D|

10|9.1|---|E|

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

|32989|---|---|28465|

8|8.7 8.7 8.5 8.7 8.6 8.64|8|8.8 8.7 8.7 = 8.70|A|

10|9.6 9.7 9.3 9.5 9.7 9.56|10|9.5 9.6 9.7 = 9.60|B|

8|8.7|---|C|

10|9.7|---|E|

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T' Plates

Remeasures (cont)

[[left margin]]Reg

62=3+15 [[left margin]]

Aug 28, 1907 C3=5^h[[h]]+15

I|27951|3d meas||34356|

I|6.3|6.2|6.4|6.4|6.2|6.30|I|6.3|6.3|6.2=|6.27|8.3|8.4|8.4^h[[=8.37]]|2|8.4|

8.4|8.5|8.4|8.5|

|2|7.0|6.9|7.0|7.0|6.9|6.96|2|7.1|7.0|6.9=|7.00|8.9|8.9|9.0^h[[=8.93]]|B|8.9|

9.0|8.7|8.6|8.8|

|7|7.8|7.9|7.9|7.8|7.7|7.82|7|7.9|7.8|7.9=|7.87|6.8|6.7|6.7^h[[6.73]]|3|6.7|6.

7|6.8|6.9|6.9|

|10|8.8|8.9|8.8|8.8|8.7|8.80|10|8.8|8.8|8.9|8.83|2|8.4|

|6.2|B|9.0|

2|6.9|3|6.7|

|7|7.9|

|10|8.9|

C[[subscript]]4[[/subscript]]=7^h[[h]]+15

I33855 I28188

I|6.9|7.0|6.8|6.9|6.8|6.88|1^h[[3d meas]]|6.9|6.9|7.0=|6.93|8.3^h[[3dmeas]]|8.3|8.2^h[[8.27]]|5|8.3|8.2|8.1|8.3|8.3||2|7.5|7.7|7.4|7.5|7.6|7.54|2|7.7|7.5|7.7|7.63|8.1|8.0|8.0=^h[[8.03]]|2|8.0|8.

0|8.2|8.2|8.5|

|7|8.4|8.6|8.5|8.5|8.7|8.54|7|8.5|8.4|8.6|8.50|9.3|9.2|9.2^h[[9.23]]|A|9.2|9.2

|9.1|9.3|9.2|

|10|9.6|9.5|9.7|9.7|9.5|9.60|10|9.7|9.6|9.5|9.60|C|?

|1|7.0|5|8.2|

|2|7.7|2|8.0|

|7|8.6|A|9.2|

|10|9.5|C|2|

C[[subscript]]3[[/subscript]]=5^h[[h]]+15 I33939I30134 |8.3^h[[3d meas]]|8.2|8.2^h[[=8.23]]|5|8.2|8.2|8.0|8.0|8.78||2|8.7|8.7|8.4|8.4|8.5|8.54|2^h[[3dmeas]]|8.6|8.7=|8.67|7.8|7.9|7.9^h[[=7.87]]|2|7.9|7.9|7.7|7.6|7.7|

|[[strikethrough]]|

|3|B|[[/strikethrough]]|6.9|6.8|6.5|6.5|6.9|6.723|6.9|6.9|6.8|6.87|8.9|8.9|8.9

^h[[=8.90]]|A|8.9|8.9|8.8|8.9|

|[[strikethrough]]|3|[[/strikethrough]]|B|9.1|9.1|9.3|9.1|9.1|9.14|B|9.2|9.1|9.1

|9.13|?|C|?

|2|8.7|5|8.2|

|3|[[strikethrough]]|B|[[/strikethrough]]|6.8|2|7.9|

|B|9.1|A|8.9|

|C|?

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T' Plates
Remeasures (cont)
Reg

[[Reg C5=9^h +15]] Aug. 28, 1907 [[9^h +15]]

| | | | | | | 3rd | | 34407 |
A poor plate | | 28718 | | 3rd Meas. | | 7.5 = | 8 | 7.7 7.5 | 7.7 7.7
7.7 7.66
[NL] 8.44 | 8 | 7.4 7.3 | 7.1 6.9 7.3 | 7.20 | 8 | 7.3 7.4 7.3 = | 7.33 | 8.0 | 1
| 8.1 8.0 | 7.9 8.1 7.9 8.80 |
[NL] 8.80 | 1 | 7.7 7.5 | 7.5 7.2 7.5 | 7.48 | 1 | 7.5 7.7 7.5 | 7.57 | 8.3 | 4 |
8.3 8.5 | 8.3 8.3 8.3 | 8.3 | 8.34 |
[NL] 6.80 | 4 | 8.3 8.2 | 8.3 8.0 8.2 | 8.20 | 4 | 8.2 8.38.2 | 8.3 8.2 | 8.23 |
8.8 | 10 | 8.7 8.7 | ~~8.3~~ ~~8.7~~ | 8.7 8.6 8.5 8.64
[NL] | 10 | 8.4 8.4 | 8.3 8.0 8.2 | 8.26 | 10 | 8.3 8.4 8.4 | 8.37 | 8.8 | 5 |
8.7 8.8 | 8.5 8.6 8.5 8.62
[NL] | 5 | 8.5 8.3 | 8.3 8.1 8.5 | 8.34 | 5 | 8.5 8.5 8.3 | 8.43 | 8.7 | 6 | 8.9
8.8 | 8.7 8.7 8.7 8.76

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T' Plates
Remeasures (cont)

{left margin}
Reg
C6=11^h+15
{middle top}
Aug. 29 1907
{right margin}
c7 = 13^h+15

{left column}
I 28538
No 10 | 9.9 9.8 10.0 10.0 9.9 | 9.92
10 | 9.8

I 34413
No 10 | 9.5 9.6 9.4 9.2 9.4 | 9.42
" | 9.6

{left margin}
C7= 13^h + 15

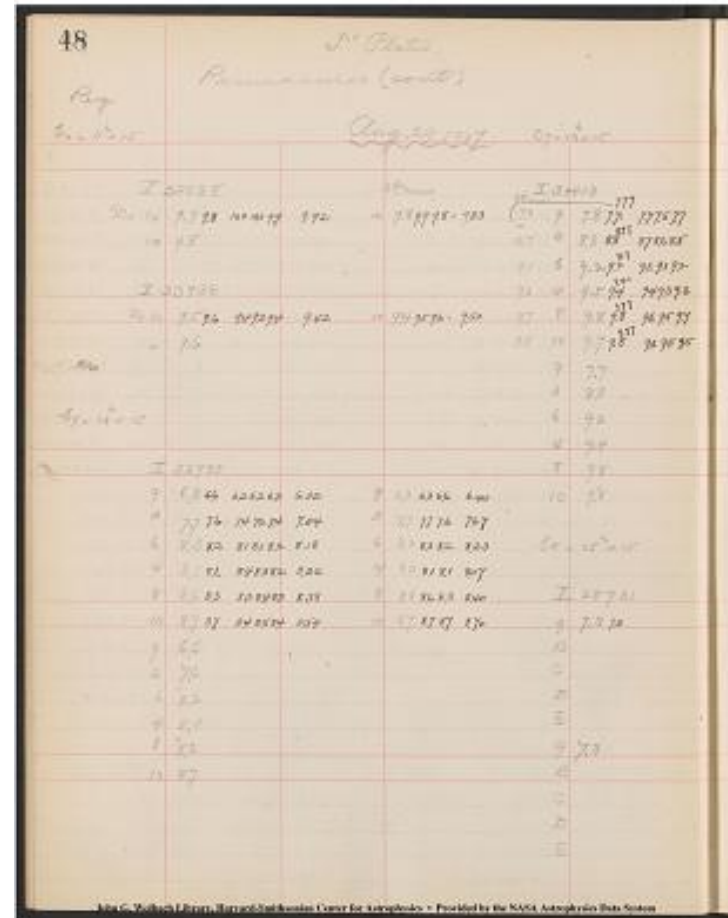
{left column, cont}
I 33780
9 | 6.3 6.6 6.2 6.2 6.3 | 6.32
3 | 7.7 7.6 7.4 7.6 7.4 | 7.54
6 | 8.3 8.2 8.1 8.1 8.2 | 8.18
4 | 8.1 8.1 8.4 8.3 8.2 | 8.22
8 | 8.6 8.3 8.3 8.4 8.3 | 8.38
10 | 8.7 8.7 8.4 8.5 8.4 | 8.54
9 | 6.6
3 | 7.6
6 | 8.2
4 | 8.1
8 | 8.3
10 | 8.7

{middle column}
3^d meas
10 | 9.8 9.9 9.8 = 9.83

10 | 9.4 9.5 9.6 = 9.50

9 | 6.3 6.3 6.6 6.4
3 | 7.7 7.7 7.6 7.67
6 | 8.2 8.3 8.2 8.23
4 | 8.0 8.1 8.1 8.07
8 | 8.3 8.6 8.3 8.40
10 | 8.7 8.7 8.7 8.70

{right column}
I 34413
3^d meas



7.8 9| 7.8 7.7 7.77 7.7 7.5 7.7
 8.4 3| 8.8 8.8 8.77 8.4 8.6 8.5
 9.1 6| 9.2 9.2 9.17 9.3 9.1 9.2
 9.3 4| 9.5 9.4 9.40 9.4 9.3 9.3
 9.7 8| 9.8 9.8 9.77 9.6 9.5 9.7
 9.8 10| 9.7 9.8 9.77 9.6 9.5 9.5
 9| 7.7
 3| 8.8
 6| 9.2
 4| 9.4
 8| 9.8
 10| 9.8

C8 = 15^h + 15

I 28731
 9| 7.3 7.3
 B|
 C|
 D|
 E|
 9| 7.3
 B|
 C|
 D|
 E|.

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T' Plates
Remeasures (cont)

Aug 29, 1907

{left top table}

C8=15^h+15

I 31855

9| ~~6.8~~ B| ~~6.5~~

7.68 B|

8.68 C|

9.20 D|

9.38 E|

9.68 9| 6.5

9.62 B|

C|

D|

E|

{bottom left table}

C9=17^h+15

I 30580

7| 8.3 8.4 8.4 8.5 8.5 | 8.42 7| 8.3 8.3 8.4 8.33

B| 9.7 9.7 9.8 9.8 9.7 | 9.74 B| 9.8 9.7 9.7 9.73

C| 10.0 10.0 10.1 10.1 10.2 | 10.08 C| 9.9 10.0 10.0 9.97

D| 10.0 9.9 9.9 9.7 10.0 | 9.90 D| 10.0 10.0 9.9 9.97

7| 8.4

B| 9.7

C| 10.0

D| 9.9

I 32021

7| 8.7 8.7 8.8 8.7 8.7 8.7 | 8.72 7| 8.7 8.7 8.7 = 8.70

B| 9.9 9.8 10.0 10.0 9.9 | 9.92 B| 9.9 9.9 9.8 9.87

C| 10.2 10.2 10.3 10.3 10.3 | 10.26 C| 10.1 10.2 10.2 10.17

D| 10.1 10.1 10.1 10.0 10.0 | 10.06 D| 10.0 10.1 10.1 10.07

{top right table}

C9= 17^h+15

I 32021

3^d meas 7| 8.4

B| 9.8

C| 10.2

D| 10.1

{middle right table}

C11= 21^h+15

I 28049

7.4 5| 7.3 7.4 = 7.37 7.5 7.4 7.3 7.38

"| 7.4

I 28989

6.8 5| 6.3 6.2 6.27 6.3 6.1 6.3 6.24

"| 6.21

{bottom right table}

C12= 23^h+15

~~8~~ ~~I 27496~~

49

T. Plates

Remeasures (cont)

Aug 29, 1907

Left top table

C8=15^h+15

I 31855

9| ~~6.8~~ B| ~~6.5~~

7.68 B|

8.68 C|

9.20 D|

9.38 E|

9.68 9| 6.5

9.62 B|

C|

D|

E|

Bottom left table

C9=17^h+15

I 30580

7| 8.3 8.4 8.4 8.5 8.5 | 8.42 7| 8.3 8.3 8.4 8.33

B| 9.7 9.7 9.8 9.8 9.7 | 9.74 B| 9.8 9.7 9.7 9.73

C| 10.0 10.0 10.1 10.1 10.2 | 10.08 C| 9.9 10.0 10.0 9.97

D| 10.0 9.9 9.9 9.7 10.0 | 9.90 D| 10.0 10.0 9.9 9.97

7| 8.4

B| 9.7

C| 10.0

D| 9.9

I 32021

7| 8.7 8.7 8.8 8.7 8.7 8.7 | 8.72 7| 8.7 8.7 8.7 = 8.70

B| 9.9 9.8 10.0 10.0 9.9 | 9.92 B| 9.9 9.9 9.8 9.87

C| 10.2 10.2 10.3 10.3 10.3 | 10.26 C| 10.1 10.2 10.2 10.17

D| 10.1 10.1 10.1 10.0 10.0 | 10.06 D| 10.0 10.1 10.1 10.07

Top right table

C9= 17^h+15

I 32021

3^d meas 7| 8.4

B| 9.8

C| 10.2

D| 10.1

Middle right table

C11= 21^h+15

I 28049

7.4 5| 7.3 7.4 = 7.37 7.5 7.4 7.3 7.38

"| 7.4

I 28989

6.8 5| 6.3 6.2 6.27 6.3 6.1 6.3 6.24

"| 6.21

Bottom right table

C12= 23^h+15

~~8~~ ~~I 27496~~

8.4 6| ~~8.3~~ ~~8.3~~ 8.3 8.3 8.33
 9.3 7| ~~9.5~~ ~~9.3~~ 9.4 9.33
 9.8 8| ~~9.3~~ ~~9.7~~ 9.7 9.73
 10.1 B| 10.1 10.2 10.13
 6|
 7|
 8|
 B|

I33651		
	1	2
7.3	6 7.4	7.5 = 7.40
8.2	7 8.3	8.2 = 8.23
8.5	8 8.7	8.5 = 8.57
9.8	10 9.7	9.8 = 9.77

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Examination of AC Photos to discover variation in DM +7 3832

March 21, 1907

AM2110 AM2855 AM3505
b1v b2v b2v
v4c v3c v4c

AM1961 AM2915 AM3598
b2v b1v b2v
v4c v5c v4c

AM2119 AM2958 AM3651
b2v b3v b1v
v3c v1c v5c

AM2137 AM2995 AM3688
b1v b1v b3v
v5c v5c v3c

AM2245 AM3422 AM3726
b1v B3v b1v
v5v v2c v4c

AM2260 AM3449 AM10
b1v b3v b1v
v4c v3c v5c

AM2279 AM 3464 AM28
b2v b1v b1v
v5c v5c v4c

AM2714 AM153
b1v b1v
v5c v5c

50

Examination of AC Photos
to discover variation in DM +7 3832

AM2110	AM2855	AM3505
b1v	b2v	b2v
v4c	v3c	v4c
AM1961	AM2915	AM3598
b2v	b1v	b2v
v4c	v5c	v4c
AM2119	AM2958	AM3651
b2v	b3v	b1v
v3c	v1c	v5c
AM2137	AM2995	AM3688
b1v	b1v	b3v
v5c	v5c	v3c
AM2245	AM3422	AM3726
b1v	B3v	b1v
v5v	v2c	v4c
AM2260	AM3449	AM10
b1v	b3v	b1v
v4c	v3c	v5c
AM2279	AM 3464	AM28
b2v	b1v	b1v
v5c	v5c	v4c
AM2714	AM153	
b1v	b1v	
v5c	v5c	

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[[right margin]] 51 [[/right margin]]

+7° 3832 (cont)

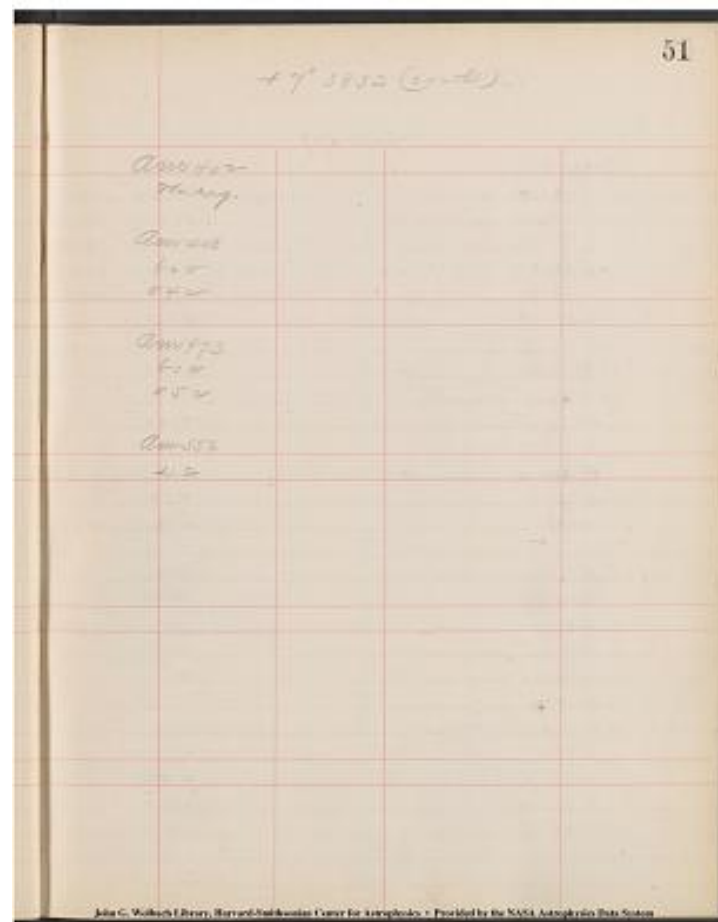
AM 402
Wr reg.

AM 403
b 2 v
v 4 c

AM 473
b 1 v
v 5 c

AM 556
< c

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52
J¹ Plates
Remeasures.
D1=1^h-15 Sept 3, 07 D2=3^h-15
[[left column]]
I28051
³[3 d^m m.]
7.4 1 7.4 7.3 7.4=7.37
8.2 3 8.3 8.2 8.2=8.23
8.8 6 8.7 8.7 8.8=8.73
1 7.3
3 8.2
6 8.7
I34369
6.8 1 6.9 6.9=6.87 6.9 6.8 6.8 6.86
7.4 3 7.5 7.4=7.43 7.2 7.3 7.2 7.32
7.7 6 7.7 7.7=7.70 7.6 7.4 7.5 7.58
1 6.9
3 7.4
6 7.7
D2=3^h-15
I28186
7.2 1 7.2 7.1=7.17 7.0 7.0 7.1 7.08
8.3 5 8.2 8.2=8.23 8.2 8.3 8.1 8.20
10.0 B 10.2 10.2=10.13 9.8 10.0 9.9 10.02
9.8 C 9.8 9.7=9.77 9.4 9.7 9.7 9.66
9.9 D 10.0 9.9=9.93 9.9 9.9 9.9 9.92
10
1 7.1
5 8.2
B 10.2
C 9.7
D 9.9
[[/left column]]
[[right column]]
I30957
³[3 d^m meas.]
6.5 1 6.6 6.7=6.80 6.3 6.3 6.3
7.8 5 7.7 7.7=7.73 7.4 7.3 7.3
9.7 B 9.8 9.7=9.73 9.7 9.7 9.8
9.2 C 9.3 9.3=9.27 9.3 9.2 9.3
9.8 D 9.7 9.7=9.73 9.6 9.5 9.6
10
1 6.7
5 7.7
B 9.7
C 9.3
D 9.7
D5=9^h-15
I28616
9.7 C 9.6 9.7=9.67 9.7 9.8 9.7
C 9.7
I33923
9.7 C 9.5 9.4=9.53 9.8 9.9 9.9
C 9.4
D6=11^h-15
I33940
7.1 1 7.1 7.2=7.13 7.2 7.0 7.1
8.8 3 8.7 8.8=8.77
8.0 5 8.1 8.1=8.07 7.8 7.9 7.9
7.8 G 7.7 7.7=7.73 7.7 7.8 7.6

10.2 E 10.2 10.1=10.17 10.5^{[[?]]} F F
1 7.2
3 8.8
5 8.1
G 7.7
E 10.1
[[/right column]]

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54 T' Plates.

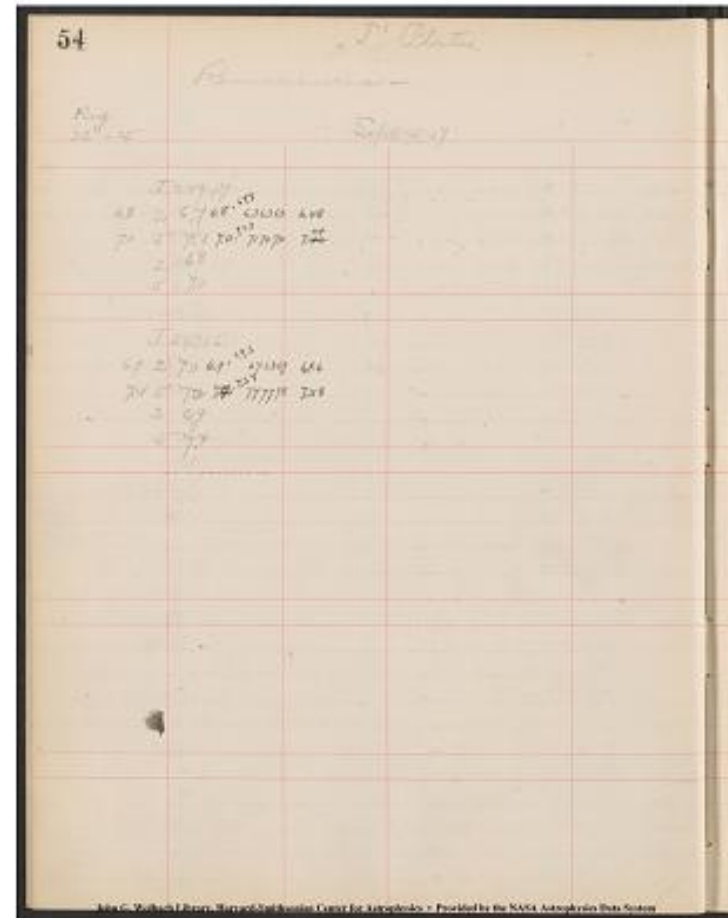
Remeasures-

Reg
23^h -15 Sept.4, 07

127947
6.8 2 6.7 6.8=677
6.36.36.3 6.48
7.0 5 7.1 7.0=y03 7.17.07.0 7.-- 04

2 6 8
5 7.0

13436.6
6.9 2.7.0 6.9=6.93
6.76.86.9 6.86
7.4 5 7.3 7.4=7.31 7.77.77.8 7.58
2 6.9
57.4



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55

T' Plates.

Reg.
4h +75°

Sept 30, 1907

l 34839 ^[[3d fl. meas]] ^[[1st fl. measured l32132]] ^[[2d fl. measured l28046]] l34839 (cont)
Polar a 5.0 5.1 5.0 = 5.0[check mark above 0]3 4.90 4.87 010
MP 1 8.3
b 6.4 6.5 6.3 = 6.4[check mark above 4]0 6.40 6.27 011[last 1 underlined]
2 8.9
c 7.2 7.2 7.1 = 7.17[check mark above 7] 7.27 7.23 001[1 underlined]
3 5.8
d 8.2 8.2 8.1 = 8.1[check mark above one]7 8.33 8.33 001[1 underlined]
4 6.9
e 8.7 8.7 8.6 = 8.6[check mark above 6]7 8.70 8.73 001[1 underlined]
5 6.8
f 8.9 9.0 8.9 = 8.9[check mark above 9]3 9.00 9.13 010
6 6.9
h 10.1 10.0 10.1 = 10[check mark above 0].07 10.00 10.10 01[1 underlined]0
7 6.9
MP 1 8.2 8.3 8.3 = 8.2[check mark above 2]7 8.73 8.67
8 7.9
2 8.7 8.9 8.9 = 8.8[check mark above 8]3 8.87 8.73
9 8.3
3 5.7 5.8 5.7 = 5.7[check mark above 7]3 5.87 5.83
10 8.0
4 6.9 6.9 7.0 = 6.9[check mark above 9]3 7.07 7.03
Sta 28 7.9
5 6.7 6.8 6.8 = 6.7[check mark above 7]7 6.87 7.00
29 8.8
6 6.9 6.9 6.9 = 6.9[check mark above 9]0 6.97 7.03
36 7.7
7 6.9 6.9 6.8 = 6.8[check mark above 8]7 7.07 6.97
37 7.6
8 7.8 7.9 7.8 = 7.8[check mark above 8]3 8.23 8.10
2 8.2
9 8.3 8.3 8.2 = 8.2[check mark above 2]7 8.63 8.63
1 8.9
10 7.9 8.0 7.9 = 7.9[check mark above 9]3 8.23 8.37
5 8.6
over ->
Sta 28 7.8 7.9 7.8 = 7.8[check mark above 8]3 8.10 8.00
4 8.8
29 8.9 8.8 8.9 = 8.8[check mark above 8]7 8.87 8.77
6 8.0
37 7.7 7.6 7.7 = 7.67[check mark above 6] 7.77 8.73
10 8.1
2 8.3 8.2 8.3 = 8.27[check mark above 2] 8.47 8.57
Pol.
M.P. [[/strikethrough]]Pol [[/strikethrough]] a [[/strikethrough]]8.3
[[/strikethrough]]5.1
1 8.7 8.9 8.9 = 8.83[check mark above 8] 8.73 8.80

b ~~8.9~~ 6.5
 5 8.7 8.6 8.7= 8.67^{check mark above 6} 8.70 8.67
 c ~~5.7~~ 7.2
 4 8.9 8.8 8.9= 8.87^{check mark above 8} 8.80 9.00
 d ~~7.0~~ 8.2
 6 7.9 8.0 7.9= 7.93^{check mark above 9} 8.17 8.23
 s ~~6.8~~ 8.7
 10 8.1 8.1 8.0= 8.07^{check mark above 0} 8.30 8.47
 f ~~6.9~~ 9.0
 36 7.7 7.7 7.8= 7.73^{check mark above 7} 7.90 7.93
 h ~~6.8~~ 10.0
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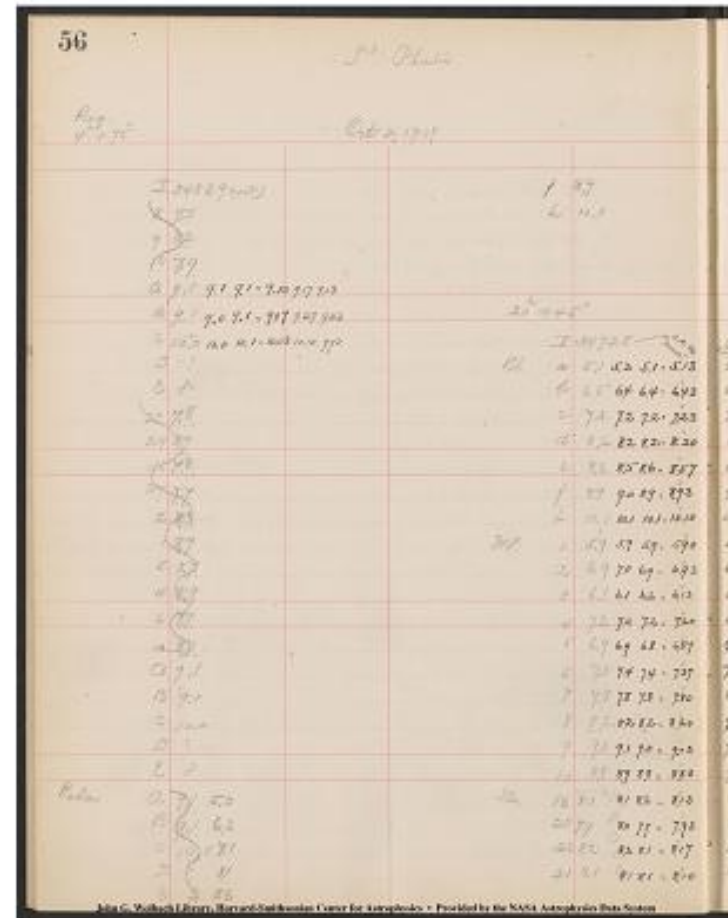
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T' Plates.

[[left margin]]
Reg.
4^[[h]] +46°
[[/left margin]]

Oct 2, 1904

[[7 columned table]]
34839 (cont) | | | | | | |
[[/strikethrough]]8|7.8|[[/strikethrough]] | | | | | | |
[[/strikethrough]]9|8.2|[[/strikethrough]] | | | | | | |
[[/strikethrough]]10|7.9|[[/strikethrough]] | | | | | | |
A|9.1|9.1 9.1=9.10 9.17 9.13 | | | | | | |
B|9.1|9.0 9.1=9.07 9.27 9.23|20^[[h]] +45° | | | | | | |
C|10.0|10.0 10.1=10.03 10.10 9.93 | |34728^[[3d Pl meas.]] | | | | | | |
D|? | |Pol.|a|5.1|5.2 5.1=5.13 | | | | | | |
E|F | | |b|6.5|6.4 6.4=6.43 | | | | | | |
[[/strikethrough]]28|7.8|[[/strikethrough]] | | |c|7.3|7.2 7.2=7.23 | | | | | | |
[[/strikethrough]]29|8.9|[[/strikethrough]] | | |d|8.2|8.2 8.2=8.20 | | | | | | |
[[/strikethrough]]36|7.8|[[/strikethrough]] | | |e|8.6|8.5 8.6=8.57 | | | | | | |
[[/strikethrough]]37|7.7|[[/strikethrough]] | | |f|8.9|9.0 8.9=8.93 | | | | | | |
[[/strikethrough]]2|8.3|[[/strikethrough]] | | |h|10.1|10.1 10.1=10.10 | | | | | | |
[[/strikethrough]]1|8.9|[[/strikethrough]] | | |M.P. 1|5.9|5.9 5.9=5.90 | | | | | | |
[[/strikethrough]]5|8.7|[[/strikethrough]] | | |2|6.9|7.0 6.9=6.93 | | | | | | |
[[/strikethrough]]4|8.9|[[/strikethrough]] | | |3|6.1|6.1 6.2=6.13 | | | | | | |
[[/strikethrough]]6|7.9|[[/strikethrough]] | | |4|7.2|7.2 7.2=7.20 | | | | | | |
[[/strikethrough]]10|8.0|[[/strikethrough]] | | |5|6.9|6.9 6.8=6.87 | | | | | | |
A|9.1 | | |6|7.3|7.4 7.4=7.37 | | | | | | |
B|9.0 | | |7|7.8|7.8 7.8=7.80 | | | | | | |
C|10.0 | | |8|8.2|8.2 8.2=8.20 | | | | | | |
D|? | | |9|9.0|9.1 9.0=9.03 | | | | | | |
E|F | | |10|8.8|8.9 8.8=8.83 | | | | | | |
Polar A|[[/strikethrough]]9.1|[[/strikethrough]]5.0 | |Sta.|16|8.1|A 8.1
8.2=8.13 | | | | | | | | | | | | |
B|[[/strikethrough]]9.1|[[/strikethrough]]6.3 | | |20|7.9|B 8.0 7.9=7.93 | | | | | | |
C|[[/strikethrough]]10.1|[[/strikethrough]]7.1 | | |22|8.2|C D 8.2
8.1=8.17 | | | | | | | | | | | | |
D|[[/strikethrough]]?|[[/strikethrough]]8.1 | | |21|8.1|E 8.1 8.1=8.10 | | | | | | |
E|[[/strikethrough]]F|[[/strikethrough]]8.6 | | | | | | | | | | | | |
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T' Plates.

20^[[h]]+45

[[Oct 4 1907]]

I34728 (cont) ^[[3d|1st|2nd]] I34728 (cont)

[[table, 12 columns]]

[[25|8.0|7.9|7.9=|7.93^|8.20|8.20|Sta.|16|8.1|

[[24|8.6|8.5|8.6=|8.57^|8.60|8.53|20|8.0|

[[4|8.7|8.7|8.7=|8.70^|8.70|8.87|22|8.2|

[[5|8.9|8.9|8.9=|8.90^|9.03|9.03|21|8.1|

[[1|8.3|8.3|8.3=|8.30^|8.53|8.60|25|7.9|

[[2|8.3|8.2|8.2=|8.23^|8.33|8.30|24|8.5|

[[6|8.6|8.7|8.7=|8.67^|8.87|8.93|4|8.7|

5.17^[[1st Pl meas I31764]]5.03^[[2nd Pl I28050]]

10|7.9|8.1|8.0=|8.00^|8.07|8.20|5|8.9|

6.30|Pol^[[6.23]]a|5.2|1|8.3|

7.33|7.17|b|6.4|2|8.2|

8.37|8.23|c|7.2|6|8.7|

8.73|8.53|d|8.2|10|8.1|

9.13|9.00|e|8.5|Pol|a|5.1|

10.20|10.03|f|9.0|b|6.4|

5.13|5.77|h|10.1|c|7.2|

6.97|7.00^[[MP]]1|5.9|d|8.2|

5.93|6.13|2|7.0|e|8.6|

6.87|7.23|3|6.1|f|8.9|

6.87|7.00|4|7.2|h|10.1|

7.37|7.43|5|6.9|MP|1|5.9|

8.00|8.13|6|7.4|2|6.9|

8.20|8.37|7|7.8|3|6.2|

9.37|9.23|8|8.2|4|7.2|

9.00|9.00|9|9.1|5|6.8|

8.29|7.93|10|8.9|6|7.4|

8.00|7.93|A|7|7.8|

8.43|8.03|B|8|8.2|

8.20|8.10|C|9|9.0|

[[D|10|8.8|

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T' Plates

20^h +45 Oct 4, 1907

I34728 (cont)

A
B
C
D
E

Sta. 16 | 8.2

20	7.9
22	8.1
21	8.1
25	7.9
24	8.6
4	8.7
5	8.9
1	8.3
2	8.2
6	8.7
10	8.0

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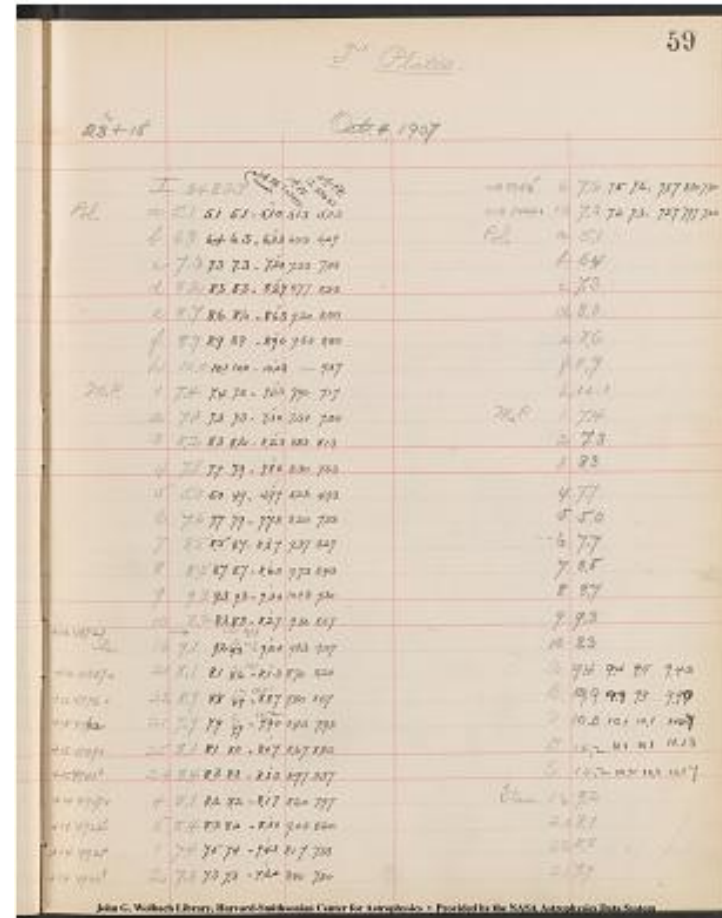
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T' Plates.

23^h+15[°] Oct. 4, 1907

[12 column table]

--- | 1 | 34833 -> 3d Pl. | 1st Pl. | 27496 | 2d Pl. | 133651 | +135056
 6 | 7.6 7.5 7.6 = | 7.57 | 8.30 | 7.30 |
 Pol. | a | 5.1 5.1 5.1 = | 5.10 | 5.13 | 5.03 | +135044 | 10 | 7.3 7.2 7.3 = |
 7.27 7.97 7.20 |
 --- | b | 6.3 6.4 6.3 = | 6.33 | 6.53 | 6.27 | Pol. | a | 5.1 | --- | --- | --- |
 --- | c | 7.3 7.3 7.3 = | 7.30 | 7.33 | 7.33 | --- | b | 6.4 | --- | --- | --- |
 --- | d | 8.2 8.3 8.3 = | 8.27 | 8.77 | 8.23 | --- | c | 7.3 | --- | --- | --- |
 --- | e | 8.4 8.6 8.6 = | 8.63 | 9.20 | 8.50 | --- | d | 8.3 | --- | --- | --- |
 --- | f | 8.9 8.9 8.9 = | 8.90 | 9.53 | 8.80 | --- | e | 8.6 | --- | --- | --- |
 --- | h | 10.0 10.1 10.0 = | 10.03 | --- | 9.87 | --- | f | 8.9 | --- | --- | --- |
 M.P. | 1 | 7.4 7.4 7.2 = | 7.33 | 7.90 | 7.17 | --- | h | 10.1 | --- | --- | --- |
 --- | 2 | 7.3 7.3 7.3 = | 7.30 | 7.50 | 7.20 | M.P. | 1 | 7.4 | --- | --- | --- |
 --- | 3 | 8.2 8.3 8.2 = | 8.23 | 8.83 | 8.13 | --- | 2 | 7.3 | --- | --- | --- |
 --- | 4 | 7.8 7.7 7.9 = | 7.80 | 8.30 | 7.63 | --- | 3 | 8.3 | --- | --- | --- |
 --- | 5 | 5.0 5.0 4.9 = | 4.97 | 5.03 | 4.93 | --- | 4 | 7.7 | --- | --- | --- |
 --- | 6 | 7.6 7.7 7.9 = | 7.73 | 8.20 | 7.33 | --- | 5 | 5.0 | --- | --- | --- |
 --- | 7 | 8.5 8.5 8.7 = | 8.57 | 9.37 | 8.27 | --- | 6 | 7.7 | --- | --- | --- |
 --- | 8 | 8.5 8.7 8.7 = | 8.63 | 9.73 | 8.43 | --- | 7 | 8.5 | --- | --- | --- |
 --- | 9 | 9.3 9.3 9.3 = | 9.30 | 10.03 | 9.30 | --- | 8 | 8.7 | --- | --- | --- |
 --- | 10 | 8.2 8.3 8.3 = | 8.27 | 9.30 | 8.37 | --- | 9 | 9.3 | --- | --- | --- |
 +164872 | A | 9.4 | --- | --- | --- | --- | --- | --- | --- | --- |



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T' Plates

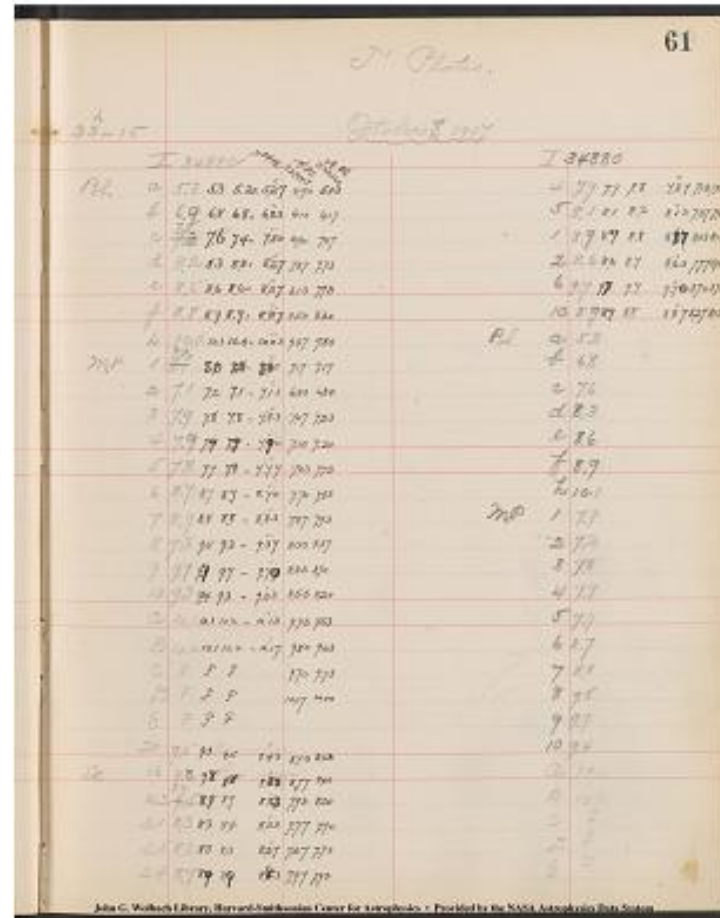
$23^{\circ} + 15^{\circ}$ Oct 7, 1907

I 34833 | I 34833
25 8.1 | D 10.2
24 8.3 | E 10.2
4 8.2 | Star. 16 9.3
5 ~~7.3~~ | 7.3 ~~8.3~~ | 20 8.2
1 7.5 | 22 7.9
2 7.3 | 21 7.9
6 7.5 | 25 8.0
10 7.2 | 24 8.3
Pol. a 5.1 | 4 8.2
b 6.3 | 5 8.2
c 7.3 | 1.74
d 8.3 | 2 7.3
e 8.6 | 6 7.6
f 8.9 | 10 7.3
h 10.0 |
M.P 1 7.2 |
2 7.3 |
3 8.2 |
4 7.9 |
5 4.9 |
6 7.9 |
7 8.7 |
8 8.7 |
9 9.3 |
10 8.3 |
A 9.5 |
B 9.9 |
C 10.1 |

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J' Plates. 61
h 23-15 October 8, 1907
l 34880 3dPI 127947 1[[?]]PI 134366 2d PI 134880
Pol. a 5.3 5.3 5.2=5.27 4.90 5.03
b 6.9 6.8 6.8=6.83 6.10 6.17
c ~~[[/del]] 7.3 ~~[[/del]] 7.5 7.6 7.4=7.50 6.90 7.07~~
d 8.2 8.3 8.3=8.27 7.87 7.73
e 8.5 8.6 8.6=8.57 8.13 7.93
f 8.8 8.9 8.9=8.87 8.50 8.30
h 10.0 10.1 10.0=10.03 9.87 9.80
M.p 1 ~~[[/del]] 7.7 ~~[[/del]] 8.0 ~~[[/del]] 7.9 8.0~~
~~[[/del]] 7.8 8.0 ~~[[/del]] 7.17 7.17~~
2 7.1 7.2 7.1=7.13 6.30 6.80
3 7.9 7.8 7.8=7.83 7.07 7.23
4 7.9 7.9 7.9=7.90 7.10 7.20
5 7.8 7.7 7.8=7.77 7.03 7.73
6 8.7 8.7 8.7=8.70 7.70 7.83
7 8.9 8.8 8.8=8.83 7.87 7.93
8 9.3 9.5 9.3=9.37 8.50 8.37
9 9.7 9.7 9.7=9.70 8.83 8.70
10 9.3 9.4 9.3=9.33 8.53 8.20
a 10.1 10.1 10.2=10.13 9.73 9.53
B 10.2 10.1 10.2=10.17 9.80 9.63
C F ff 9.70 9.73
D F ff 10.07 10.00
E F ff
20 9.5 9.3 9.5 9.43 8.73 8.63
St. 1.6 9.8 ~~[[/del]] 9.80 8.77 8.60~~
22 ~~[[/del]] 9.5 ~~[[/del]] 8.7 8.9 8.9 8.8~~[[/del]] 3~~~~
~~[[/del]] 7.93 8.20~~
21 8.3 8.3 8.4 8.33 7.77 7.90
25 8.2 8.3 8.3 8.27 7.27 7.73
24 8.7 8.9 8.9 8.93 9.97 7.93
4 7.9 7.9 7.8 7.87 7.13 7.33
5 8.1 8.1 8.2 8.13 7.37 7.70
1 8.9 8.9 8.8 8.87 8.03 8.13
2 8.6 8.6 8.7 8.63 7.77 6.93
6 9.7 9.7 9.7 9.7 ~~[[/del]] 3 0 ~~[[/del]] 8.70 8.73~~~~
10 8.9 8.9 8.8 8.87 8.27 8.13
Pol. a 5.3
b 6.8
c 7.6
d 8.3
e 8.6
f 8.9
h 10.1
M.P 1 7.9
2 7.2
3 7.8
4 7.7
5 7.7
6 8.7
7 8.8
8 9.5
9 9.9
10 9.4
a 10.1
B 10.1
c f
D f~~~~~~~~~~



E f
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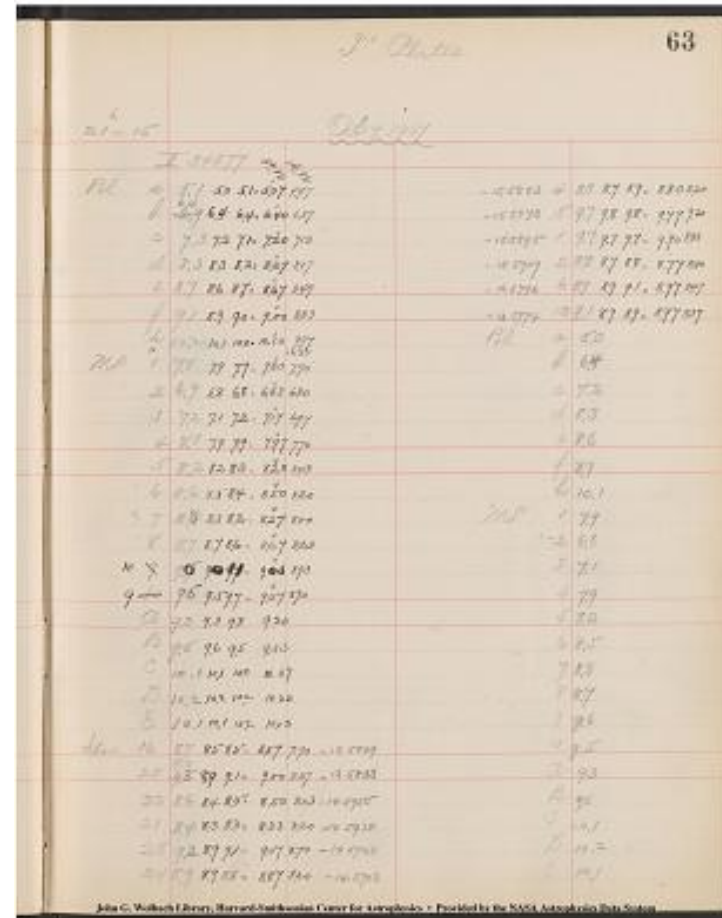
T' Plates

21^[[h]] - 15

Oct 9, 1907

I34877

Pole|a|5.1|5.0|5.1|=|5.07^[[3rd P]]|4.97^[[1st P]]|-
 155853|4|8.8|8.4|8.9|=|8.80820|
 ||b|6.4|~~6.4~~|6.9|~~6.9~~|6.4|6.4|=|6.40^[[]]|6.37|-
 155843|5|9.7|9.8|9.8|=|9.44|9.30|
	c	7.3	7.2	7.1	7.20^[[]]	7.13	-155895	1	9.7	9.7	9.7	=	9.40	8.83	
	d	8.3	8.3	8.2	=	8.27^[[]]	8.17	-155909	2	8.8	8.4	8.8	=	8.44	8.40
	e	8.7	8.6	8.7	=	8.64^[[]]	8.17	-165796	6	8.9	8.9	9.1	=	8.94	8.47
	f	9.1	8.9	9.0	9.00^[[]]	8.83	-165774	10	9.1	8.9	8.9	=	8.94	8.37	
	h	10.2	10.1	10.0	10.10^[[]]	9.97	Pole	a	5.0						
MP	1	7.8	7.9	7.7	=	7.80^[[]]	7.70^[[10.37]]	b	6.4						
	2	6.9	6.8	6.8	=	6.83^[[]]	6.80	c	7.2						
	3	7.2	7.1	7.2	=	7.17^[[]]	6.97	d	8.3						
	4	8.1	7.9	7.9	=	7.97^[[]]	7.70	e	8.6						
	5	8.2	8.2	8.3	=	8.23^[[]]	8.03	f	8.9						
	6	8.6	8.5	8.4	=	8.50^[[]]	8.20	h	10.1						
	7	8.3	8.3	8.2	=	8.27^[[]]	8.00	MP	1	7.9					
	8	8.7	8.4	8.6	=	8.67^[[]]	8.20		2	6.8					
	10	~~9.0~~	~~9.0~~	~~9.0~~	1.1	=	9.03^[[]]	8.93		3	7.1				
	9	~~9.0~~	~~10.0~~	~~9.5~~	9.5	9.4	=	9.57^[[]]	8.90		4	7.9			
	A	9.3	9.3	9.3	9.30		5	8.2							
	B	9.5	9.6	9.5	9.53		6	8.5							
	C	10.1	10.1	10.0	10.04		7	8.3							
	D	10.2	10.2	10.2	10.20		8	8.4							
	E	10.1	10.1	10.2	10.13		9	9.6							
Star	16	8.7	8.5	8.5	=	8.57	7.90	-135849	10	9.5					
	20	9.0	~~9.3~~	~~9.3~~	8.9	9.1	=	9.00	8.57	-					
135833	A	9.3													
	22	8.6	8.4	8.5	=	8.50	8.13	145955	B	9.6					
	21	8.4	8.3	8.3	=	8.33	8.20	-145938	C	10.1					
	25	9.2	8.9	9.1	=	9.07	8.70	-145920	D	10.2					
	24	8.9	8.9	8.8	=	8.84	8.20	-145903	E	10.1					



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I|34877
 Stan. 16|8.5|10|9.7
 20|8.9|A|9.3
 22|8.4|B|9.5
 21|8.3|C|10.0
 25|8.9|D|10.2
 24|8.9|E|10.2
 4|8.7|Stan. 16|8.5
 5|9.8|20|9.1
 1|9.7|22|8.5
 2|8.7|21|8.3
 6|8.9|25|9.1
 10|8.9|24|8.8
 Pol. a|5.1|4|8.9
 b|6.4|5|9.8
 c|7.1|1|9.7
 d|8.2|2|8.8
 e|8.7|6|9.1
 f|9.[?]|10|8.9
 h|10.0
 np 1|7.7
 2|6.8
 3|7.2
 4|7.9
 5|8.3
 6|8.4
 7|8.2
 8|8.6
 9|9.7

[illegible]

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66
T' Plates
1 20+45 Oct 15, 1907
134834
Star 16|8.6||10|8.6|
	20	8.2		A	8.7
	22	8.1		B	9.0
	21	9.0		C	8.8
	25	8.2		D	9.8
	24	8.2		E	10.2
	4	8.1	Star 16	8.7	
	5	8.2		20	8.2
	1	8.1		22	8.1
	2	8.2		21	9.0
	6	8.1		25	8.3
	10	8.6		24	8.0
Pole a	5.1		4	8.1	
	b	6.4		5	8.2
	c	7.3		1	8.1
	d	8.2		2	8.2
	e	8.5		6	8.1
	f	8.9		10	8.6
	h	10.0			
MP	1	8.4			
	2	5.3			
	3	6.9			
	4	6.3			
	5	7.2			
	6	7.5			
	7	8.3			
	8	8.6			
	9	8.1			

66	2 ^d Notes			
1 20+45	Oct 15, 1907			
Star 16	8.6			A 8.6
20	8.2			B 8.7
22	8.1			C 9.0
21	9.0			D 8.8
25	8.2			E 9.8
24	8.2			F 10.2
4	8.1			G 8.7
5	8.2			H 8.2
1	8.1			I 8.1
2	8.2			J 8.2
6	8.1			K 8.1
10	8.6			L 8.0
24	8.0			M 8.1
5.1				N 8.2
6.4				O 8.3
7.3				P 8.4
8.2				Q 8.5
8.5				R 8.6
8.9				S 8.7
10.0				T 8.8
1	8.4			U 8.9
2	5.3			V 9.0
3	6.9			W 9.1
4	6.3			X 9.2
5	7.2			Y 9.3
6	7.5			Z 9.4
7	8.3			aa 9.5
8	8.6			ab 9.6
9	8.1			ac 9.7

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J. Olates 67
h. 1+15 Oct 21 1907
I34891 2d pl I34259 1[[?]] [[?]] I32017 3d [[?]]

Pol. a 4.9 5.0 5.0=4.97 5.10 5.20
b 6.4 6.3 6.4=6.37 6.40 6.23
c 7.1 7.1 7.1=7.10 7.30 7.00
d 8.2 8.1 8.2=8.17 8.30 7.47
e 8.5 8.5 8.5=8.50 8.57 7.70
f 8.9 8.9 8.9=8.90 8.93 8.13
g 9.9 10.0 10.0=9.97 9.83 9.80
k 10.17
M.p 1 6.4 6.3 6.4=6.37 7.07 6.30
2 6.3 6.2 6.3=6.27 6.90 6.23
3 7.1 7.1 7.2=7.13 7.37 6.90
4 7.3 7.3 7.3=7.30 7.43 6.97
5 ~~8.0~~ 7.1 7.1 7.1=7.10 7.30 6.87
6 ~~8.2~~ 7.3 7.3=7.30 7.63
7 8.6 8.7 8.7=8.67 8.77
8 7.8 7.8 7.7=7.77 7.90
9 8.7 8.8 8.8=8.77 8.77
10 9.5 9.6 9.7=9.60 9.63
a 9.3 9.3 9.3=9.30 9.67
B 8.9 9.0 9.0=8.97 9.83
C 9.8 9.9 9.8=9.83 9.87
D
E
Star. 16 8.3 8.5 8.3=8.37 8.50
~~20~~ 2 8.6 8.6 8.4=8.53 8.53
22 7.8 7.9 7.9=7.87 8.13
21 8.9 8.7 8.4=8.77 8.87
25 8.7 8.6 8.6=8.63 8.77
4 8.3 8.2 8.3=8.27 8.33
24 8.1 8.2 8.2=8.17 8.40
1. ~~5~~ 8.8 8.7 8.7=8.73 8.87
5 8.7 8.8 8.9=8.80 8.80
20 8.3 8.3 8.5=8.37 8.57
6 7.9 7.8 7.8=7.83 7.97
10 8.9 8.8 8.9=8.87 8.90
Pol. a 5.0
b 6.3
c 7.1
d 8.1
e 8.5
f 8.9
h 10.0
M.p 1 6.3
2 6.2
3 7.1
4 7.3
5 7.1
6 7.3
7 8.7
8 7.8
9 8.8
10 9.6
a 9.3
B 9.0
C 9.9
D
E

67

1+15 Oct 21 1907

Pol. a 4.9 5.0 5.0=4.97 5.10 5.20
b 6.4 6.3 6.4=6.37 6.40 6.23
c 7.1 7.1 7.1=7.10 7.30 7.00
d 8.2 8.1 8.2=8.17 8.30 7.47
e 8.5 8.5 8.5=8.50 8.57 7.70
f 8.9 8.9 8.9=8.90 8.93 8.13
g 9.9 10.0 10.0=9.97 9.83 9.80
k 10.17
M.p 1 6.4 6.3 6.4=6.37 7.07 6.30
2 6.3 6.2 6.3=6.27 6.90 6.23
3 7.1 7.1 7.2=7.13 7.37 6.90
4 7.3 7.3 7.3=7.30 7.43 6.97
5 ~~8.0~~ 7.1 7.1 7.1=7.10 7.30 6.87
6 ~~8.2~~ 7.3 7.3=7.30 7.63
7 8.6 8.7 8.7=8.67 8.77
8 7.8 7.8 7.7=7.77 7.90
9 8.7 8.8 8.8=8.77 8.77
10 9.5 9.6 9.7=9.60 9.63
a 9.3 9.3 9.3=9.30 9.67
B 8.9 9.0 9.0=8.97 9.83
C 9.8 9.9 9.8=9.83 9.87
D
E
Star. 16 8.3 8.5 8.3=8.37 8.50
~~20~~ 2 8.6 8.6 8.4=8.53 8.53
22 7.8 7.9 7.9=7.87 8.13
21 8.9 8.7 8.4=8.77 8.87
25 8.7 8.6 8.6=8.63 8.77
4 8.3 8.2 8.3=8.27 8.33
24 8.1 8.2 8.2=8.17 8.40
1. ~~5~~ 8.8 8.7 8.7=8.73 8.87
5 8.7 8.8 8.9=8.80 8.80
20 8.3 8.3 8.5=8.37 8.57
6 7.9 7.8 7.8=7.83 7.97
10 8.9 8.8 8.9=8.87 8.90
Pol. a 5.0
b 6.3
c 7.1
d 8.1
e 8.5
f 8.9
h 10.0
M.p 1 6.3
2 6.2
3 7.1
4 7.3
5 7.1
6 7.3
7 8.7
8 7.8
9 8.8
10 9.6
a 9.3
B 9.0
C 9.9
D
E

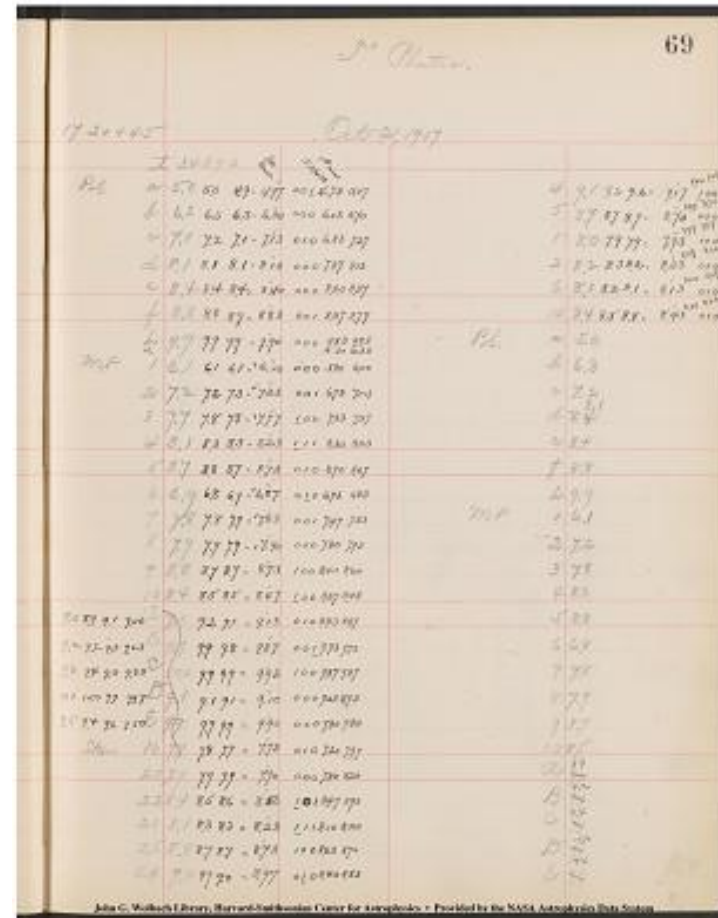
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or 32
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68
T' Plates
1^[[h]]+15 Oct 21, 1907
134891
Star 16|8.5||10|9.7|
	20	8.6		A	9.3	
	22	7.9		B	9.0	
	21	8.7		C	9.8	
	25	8.6		D		
	24	8.2		E		
	4	8.2	Star 16	8.3		
	5	8.7		20	8.4	
	1	8.8		22	7.9	
	2	8.3		21	8.7	
	6	7.8		25	8.6	
	10	8.8		24	8.3	
Pole	a	5.0		24	8.3	
	b	6.4		5	8.4	
	c	7.1		1	8.9	
	d	8.2		2	8.5	
	e	8.5		6	7.8	
	f	8.9		10	8.9	
	h	10.0				
MP	1	6.4				
	2	6.3				
	3	7.2				
	4	7.3				
	5	7.1				
	6	7.3				
	7	8.7				
	8	7.7				
	9	8.8				

68		P' Plates	
1 + 15		Oct 21, 1907	
Star	16	8.5	10 9.7
	20	8.6	A 9.3
	22	7.9	B 9.0
	21	8.7	C 9.8
	25	8.6	D
	24	8.2	E
	4	8.2	Star 16 8.3
	5	8.7	20 8.4
	1	8.8	22 7.9
	2	8.3	21 8.7
	6	7.8	25 8.6
	10	8.8	24 8.3
Pole	a	5.0	24 8.3
	b	6.4	5 8.4
	c	7.1	1 8.9
	d	8.2	2 8.5
	e	8.5	6 7.8
	f	8.9	10 8.9
	h	10.0	
MP	1	6.4	
	2	6.3	
	3	7.2	
	4	7.3	
	5	7.1	
	6	7.3	
	7	8.7	
	8	7.7	
	9	8.8	

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J' Plates. 69
 17 20+45 Oct 21, 1907
 I34890 3d [[?]]. I29438 1[[?]]
 Pol a 5.0 5.0 4.9=4.97 001 4.73 5.07
 b 6.3 6.3 6.3=6.30 000 6.03 6.70
 c 7.1 7.2 7.1=7.13 010 6.83 7.27
 d 8.1 8.1 8.1=8.10 000 7.87 8.13
 e 8.4 8.4 8.4=8.40 000 8.20 8.37
 f 8.8 8.8 8.9=8.83 001 8.57 8.77
 h 9.9 9.9 9.9=9.90 000 9.83 9.83
 k 10.30 10.33
 M.P 1 6.1 6.1 6.1=6.10 000 5.80 6.00
 2 7.2 7.2 7.3=7.23 001 6.73 7.03
 3 7.7 7.8 7.8=7.77 100 7.33 7.57
 4 8.1 8.3 8.3=8.23 111 8.30 8.23
 5 8.7 8.8 8.7=8.73 010 8.70 8.67
 6 6.9 6.8 6.9=6.87 010 6.73 6.83
 7 7.8 7.8 7.9=7.83 001 7.47 7.53
 8 7.9 7.9 7.9=7.90 000 7.80 7.93
 9 8.8 8.7 8.7=8.73 100 8.40 8.60
 10 8.4 8.5 8.5=8.47 100 8.27 8.43
 9.0 8.9 9.1 9.00 a ~~9.1~~ 9.2 9.1=9.13 010
 8.83 8.87
 9.2 9.2 9.3 9.23 B ~~9.9~~ 9.9 9.8=9.87
 001 9.73 9.73
 9.3 9.4 9.3 9.33 C ~~10.0~~ 9.9 9.9=9.93
 100 9.87 9.87
 10.0 10.0 9.9 9.97 D ~~9.1~~ 9.1 9.1=9.10
 000 9.03 8.93
 9.5' 9.4 9.6 9.50 E ~~9.9~~ 9.9 9.9=9.90
 000 9.80 9.80
 Star. 16 ~~7.7~~ 7.8 7.7=7.73 010 7.30
 7.97
 20 7.9 7.9 7.9=7.90 000 7.80 8.20
 22 8.4 8.5 8.6=8.50 101 8.47 8.93
 21 8.1 8.3 8.3=8.23 111 8.10 8.20
 25 8.8 8.7 8.7=8.73 100 8.63 8.70
 24 9.0 8.9 9.0=9.87 010 8.80 8.83
 4 9.1 9.2 9.2=9.17 100 9.00 9.07
 5 8.7 8.7 8.7=8.70 00 8.47 8.70
 1 8.0 7.9 7.9=7.93 100 7.77 7.87
 2 8.2 8.3 8.2=8.23 010 8.07 8.10
 6 8.1 8.2 8.1=8.13 010 8.00 8.07
 10 8.4 8.5 8.4=8.43 010 8.10 8.20
 Pol. a 5.0
 b 6.3
 c 7.2
 d ~~8.4~~ 8.1
 e 8.4
 f 8.8
 L 9.9
 M.p 1 6.1
 2 7.2
 3 7.8
 4 8.3
 5 8.8
 6 6.8
 7 7.8
 8 7.9
 9 8.7
 10 8.5



a ~~9.2~~ 89
B ~~9.9~~ 9.2
C ~~9.9~~ 9.4
D ~~9.1~~ 10.0
E ~~9.9~~ 94
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Astrophysics•Provided by the NASA Astrophysics Data System

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70
 T' Plates
 17 20+45 Oct 22, 1907
 134890
 Star 16|7.8||10|8.5|
	20	7.9		A	9.1					
	22	8.5		B	9.3		~~9.8~~		~~9.9~~	
	21	8.3		C	9.3		~~9.9~~		~~9.1~~	
	25	8.7		D	9.9		~~9.1~~		~~9.9~~	
	24	8.7		E	9.6		~~9.9~~		~~9.9~~	
	4	9.2	Star 16	7.7						
	5	8.7		20	7.9					
	1	7.9		23	8.6					
	2	8.3		21	8.3					
	6	8.2		25	8.7					
	10	8.5		24	9.0					
Pole	a	4.9		4	9.2					
	b	6.3		5	8.7					
	c	7.1		1	7.9					
	d	8.1		2	8.2					
	e	8.4		6	8.1					
	f	8.9		10	8.4					
	h	9.9								
MP	1	6.1								
	2	7.3								
	3	7.8								
	4	8.5								
	5	8.7								
	6	6.9								
	7	7.9								
	8	7.9								
	9	8.7								

Star	RA	Dec
Star 16	7.8	10.8.5
20	7.9	A.9.1
22	8.5	B.9.3
21	8.3	C.9.3
25	8.7	D.9.9
24	8.7	E.9.6
4	9.2	Star 16.7.7
5	8.7	20.7.9
1	7.9	23.8.6
2	8.3	21.8.3
6	8.2	25.8.7
10	8.5	24.9.0
a	4.9	4.9.2
b	6.3	5.8.7
c	7.1	1.7.9
d	8.1	2.8.2
e	8.4	6.8.1
f	8.9	10.8.4
h	9.9	
MP	1.6.1	
2	7.3	
3	7.8	
4	8.5	
5	8.7	
6	6.9	
7	7.9	
8	7.9	
9	8.7	

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T Plates. [[right margin]] 71

3^h+15 Oct 22, 1907

[[5 column table]]

[[34856]]---|---|

Pol. a|5.1 5.1 5.1=5.10|0005.23 5.17|4|8.5 8.5 8.5=8.47 8.20 8.63 001|

b|6.5 6.5 6.4=6.47|0016.53 6.57|5|8.3 8.3 8.3=8.30 8.00 8.47 000|

c|7.4 7.3 7.3=7.33|1007.20 7.33|1|9.1 9.1 9.0=07 8.40 8.40 001|

d|8.2 8.3 8.3=8.27|100 7.90 8.27|2|8.5 8.5 8.3=8.43 8.33 8.54 111|

e|8.7 8.7 8.7=8.70|000 8.23 8.53|6|8.3 8.4 8.5=8.40 8.40 8.533 101|

f|9.0 9.1 9.0=9.03|01108.57 9.03|10|8.5 8.5 8.3=8.43 8.24 8.47 000|

h|10.1 10.0 10.0=10.03|1009.70 10.13|Pol. a|5.1|

k|---|10.07|---|---|

M.P 1|6.3 6.3 6.2=6.27|0016.33 6.83|b|6.5|

2|7.3 7.4 7.3=7.33|0106.97 7.50|c|7.3|

3|6.9 6.8 6.9=6.87|0106.97 7.50|c|7.3|

4|7.1 7.3 7.2=7.20|1107.23 7.47|e|8.7|

5|7.4 7.5 7.4=7.43|0107.33 7.80|f|9.1|

6|7.6 7.5 7.5=7.53|1007.20 7.63|h|10.0|

7|8.2 8.1 8.2=8.17|0107.60 8.04|MP 1|6.3|

8|7.9 7.8 7.9=7.89|0107.60 8.07|2|7.4|

9|8.7 8.5 8.7=8.63|1118.13 8.60|3|6.8|

10|9.4 9.3 9.4=9.37|0108.77 9.63|4|7.3|

A|9.7 9.7 9.8=9.73|00119.63 9.90|5|7.5|

B|9.9 9.9 9.9=9.90|0009.80 10.17|6|7.5|

C|10.0 10.0 10.1=10.03|00110.00 10.20|7|8.1|

D|10.3 10.2 10.3=10.27|01010.17 -|8|7.8|

E|F|---|---|9|8.5|

Stan. 16|8.3 8.2 8.2=8.23|1007.64 8.20|10|9.3|

20|8.7 8.4 8.5=8.63|1117.77 8.53|A|9.7|

22|8.1 8.0 7.9=8.00|11017.43 8.10|B|9.9|

21|8.9 8.8 8.7=8.80|1018.23 8.70|C|10.0|

25|8.2 8.2 8.3=8.23|0017.73 8.30|D|10.2|

24|8.3 8.3 8.4=8.33|0017.83 8.53|E|---|

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72
 T' Plates
 [[?]]^[[h]]+15 Oct 26, 1907
 34856
 Star 16|8.2||10|9.4|
	20	8.7		A	9.8
	22	8.0		B	9.9
	21	8.8		C	10.1
	25	8.7		D	10.3
	24	8.3		E	-
	4	8.5	St.	16	8.2
	5	8.3		20	8.5
	19.1		22	7.9	
	28.3		21	8.4	
	6	8.4		25	8.3
	10	8.5		24	8.4
Pole	a	5.1		4	8.4
	b	6.4		5	8.3
	c	7.3		1	9.0
	d	8.3		2	8.3
	e	8.4		6	8.5
	f	9.0		10	8.3
	h	10.0			
MP	1	6.2			
	2	7.3			
	3	6.9			
	4	7.2			
	5	7.4			
	6	7.5			
	7	8.7			
	8	7.9			
	9	8.7			

72

M. Plate

Oct 26, 1907

<i>Star</i>	<i>RA</i>	<i>Dec</i>	<i>Mag</i>
16	8.2	10	9.4
20	8.7	A	9.8
22	8.0	B	9.9
21	8.8	C	10.1
25	8.7	D	10.3
24	8.3	E	-
4	8.5	St.	16
5	8.3	20	8.5
19.1	22	7.9	
28.3	21	8.4	
6	8.4	25	8.3
10	8.5	24	8.4
a	5.1	4	8.4
b	6.4	5	8.3
c	7.3	1	9.0
d	8.3	2	8.3
e	8.4	6	8.5
f	9.0	10	8.3
h	10.0		
MP	1	6.2	
2	7.3		
3	6.9		
4	7.2		
5	7.4		
6	7.5		
7	8.7		
8	7.9		
9	8.7		

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73

T' Plates.

4h +45 Oct 26, 1907

[[5 column table]]

I34855 | 3dPI | 12l PI. | 2dPI. | |

[[left margin]] Pol. [[left margin]] a | 5.1 5.1 5.1 = 5.10 | 000 5.00 5.10 |
4 | 7.3 7.3 7.3 = 7.30 7.07 7.37 |

b | 6.5 6.4 6.4 = 6.43 | 100 6.23 6.43 | 5 | 8.8 8.8 8.9 = 8.83 8.43 000
8.87 |

c | 7.4 7.4 7.3 = 7.37 | 00 [[underline]] 1 [[underline]] 6.90 7.23 | 1 | 7.8
7.9 7.8 = 7.83 7.30 7.80 001 |

d | 8.3 8.2 8.3 = 8.27 | 0 [[underline]] 1 [[underline]] 0 7.93 8.23 | 2 | 8.3
8.3
8.4 = 8.33 8.00 8.17 010 |

e | 8.5 8.5 8.6 = 8.53 | 001 8.30 8.53 | 6 | 9.0 8.9
9.0 = 8.97 8.70 8.90 001 |

f | 8.9 8.9 9.0 = 8.93 | 001 8.67 8.87 | 10 | 8.2 8.2
8.2 = 8.20 7.97 8.33 000 |

h | 10.0 10.0 10.1 = 10.03 | 001 9.87 10.03 | Pol.
a | 5.1 |

K | | 10.30 | | |

[[left margin]] M.P [[left margin]] 1 | 7.1 7.2 7.3 = 7.20 | [[underline]] 1
[[underline]] 01 6.83 7.23 | b | 6.4 |

2 | 6.7 6.8 6.8 = 6.77 | [[underline]] 1 [[underline]] 00 6.73 6.87 | c | 7.4
|

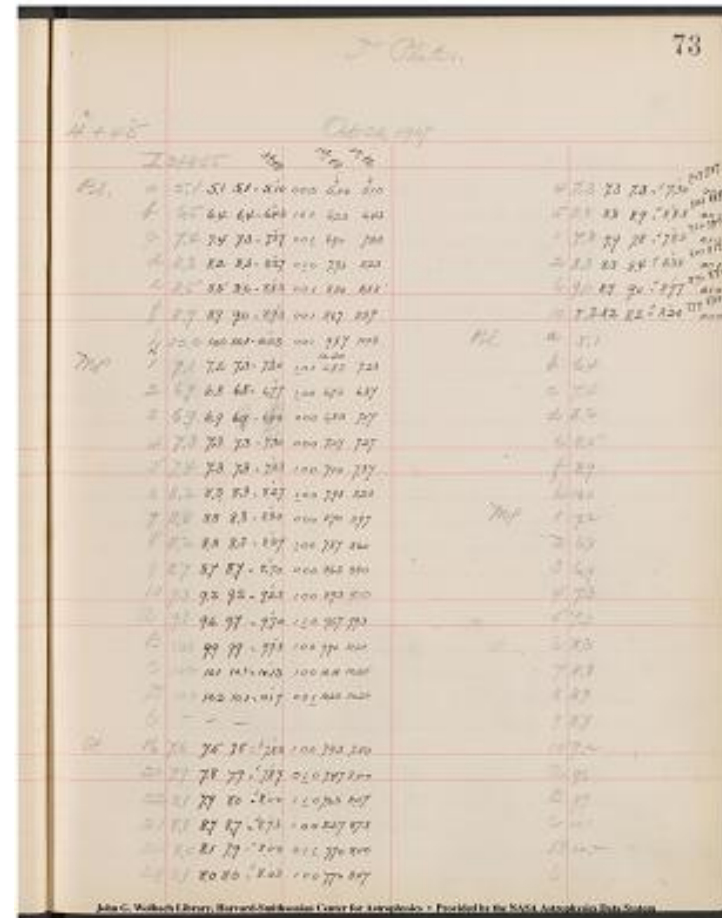
3 | 6.9 6.9 6.9 = 6.90 | 000 6.83 7.07 | d | 8.2 |

4 | 7.3 7.3 7.3 = 7.30 | 000 7.07 7.27 | e | 8.5 |

5 | 7.4 7.3 7.3 = 7.33 | 100 7.00 7.37 | f | 8.9 |

6 | 8.2 8.3 8.3 = 8.27 | [[underline]] 1 [[underline]] 00 7.93 8.20 | h | 10.0
|

7 | 8.8 8.8 8.8 = 8.80 | 000 8.70 8.97 | M.P 1 | 7.2 |



8 | 8.2 8.3 8.3 = 8.27 | 1 00 7.87 8.60 | 2 | 6.8
|

9 | 8.7 8.7 8.7 = 8.70 | 000 8.63 8.80 | 3 | 6.9 |

10 | 9.3 9.2 9.2 = 9.23 | 100 8.93 9.50 | 4 | 7.3 |

A | 9.8 9.6 9.7 = 9.70 | 1 0 9.57 9.93 | 5 | 7.3
|

B | 10.0 9.9 9.9 = 9.93 | 100 9.90 10.20 | 6 | 8.3 |

C | 10.2 10.1 10.1 = 10.13 | 100 10.13 10.25 | 7 | 8.8 |

D | 10.2 10.2 10.1 = 10.13 | 00 1 10.23 10.20 |
8 | 8.3 |

E | - - - | | 9 | 8.7 |

[[left margin]] St. [[left margin]] 16 | 7.6 7.5 7.5 = 7.53 | 100 7.23 7.50 |
10 | 9.2 |

20 | 7.9 7.8 7.9 = 7.87 | 0 0 7.47 8.00 | A |
9.6 |

22 | 8.1 7.9 8.0 = 8.00 | 1 0 7.63 8.07 | B |
9.9 |

21 | 8.8 8.7 8.7 = 8.73 | 100 8.27 8.73 | C | 10.1 |

25 | 8.0 8.1 7.9 = 8.00 | 01 1 7.70 8.00 | D |
10.2 |

24 | 8.1 8.0 8.0 = 8.03 | 100 7.70 8.07 | E | |

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76

T' Plates.

19 - 15

Oct 26, 1907

I34853

[[6 columned table]]

Stan. | 16 | ~~7.6~~ | ~~8.1~~ | 10 |
8. | ~~7~~ | ~~8.2~~ | ~~8.8~~ | A | 9.3 |
20 | ~~8.3~~ | ~~8.9~~ | B | 9.6 |
22 | ~~8.6~~ | ~~8.8~~ | C | 10.2 |
21 | ~~7.9~~ | ~~8.4~~ | D | 10.2 |
25 | ~~8.7~~ | ~~9.1~~ | E | F |
24 | ~~8.5~~ | ~~8.9~~ | Stan - 13 5229 |
~~16~~ | ~~7.7~~ | ~~8.~~
2 |
15 | ~~8.7~~ | ~~9.0~~ | -13 5201 | 20 |
~~9.7~~ | ~~8.1~~ | ~~8.9~~ |
1 | ~~9.1~~ | ~~9.3~~ | -14 5320 | 22 |
~~8.3~~ | ~~8.8~~ |
2 | ~~8.6~~ | ~~8.9~~ | -14 5288 | 21 |
~~8.5~~ | ~~8.9~~ |
6 | ~~9.8~~ | ~~9.0~~ | -14 5268 | 25 |
~~7.8~~ | ~~8.3~~ |
10 | ~~8.5~~ | ~~9.3~~ | -14 5240 | 24 |
~~8.7~~ | ~~9.1~~ |
Pol. | a | 5.1 | -15 5163 | 4 | ~~8.6~~ | ~~8.9~~ |
b | 6.5 | -15 5203 | 5 | ~~8.7~~ | ~~9.1~~ |
c | 7.3 | -15 5236 | 1 | ~~9.1~~ | ~~9.4~~ |
d | 8.2 | -15 5256 | 2 | ~~8.5~~ | ~~8.9~~ |
e | 8.5 | -16 5151 | 6 | ~~9.7~~ | ~~9.0~~ |
f | 8.9 | -16 5227 | 10 | ~~8.5~~ | ~~9.3~~ |
h | 10.0 | | | |
M. P. | 1 | 7.3 | | | |
2 | 7.6 | | | | |
3 | 6.8 | | | | |
4 | 7.1 | | | | |
5 | 7.7 | | | | |
6 | 8.7 | | | | |
7 | 8.4 | | | | |
8 | 8.7 | | | | |
9 | 9.8 | | | | |

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77

T'Plates

Oct 29, 1907

19^h +15° ~~23^h~~ +15

~~I34838~~ ~~I34842~~

[10 column table]

| 3d Pl. meas. | 1st Pl. meas. | 2d Pl. meas. | | | | |

Pol. a | ~~5.1~~ ~~5.1~~ 5.0 | 5.1 = 5.07 | 5.00 |
5.23 | --- | 4 | 7.8 7.7 | 7.8 = 7.77 | 7.97 | 7.97 |

b | ~~6.8~~ ~~6.4~~ 6.4 | 6.4 = 6.40 | 6.47 | 6.57
| --- | 5 | 8.3 8.4 | 8.4 = 8.37 | 8.33 | 8.27 |

c | ~~7.5~~ ~~7.2~~ 7.2
| 7.1 = 7.17 | 7.30 | 7.30 | --- | 1 | 7.8 | 7.7 | 7.7 = 7.73 | 7.87 | 7.97 |

d | ~~8.5~~ ~~8.2~~ 8.2 | 8.3 = 8.23 | 8.23 | 8.23
| --- | 2 | 8.7 8.7 | 8.8 = 8.73 | 8.97 | 8.87 |

e | ~~8.8~~ ~~8.5~~ 8.5 | 8.5 = 8.50 | 8.60 | 8.53
| --- | 6 | 8.2 8.3 | 8.4 = 8.30 | 8.30 | 8.30 |

f | ~~9.1~~ ~~8.9~~ 9.0 | 8.9 = 8.93 | 8.93 | 8.83 |
--- | 10 | 8.5 8.6 | 8.6 = 8.57 | 8.63 | 8.60 |

h | ~~10.1~~ ~~10.0~~ 9.9 | 10.0 = 9.97 | 9.83 |
9.93 | Pol. a | 5.0 | | | |

M.P. 1 | ~~6.8~~ ~~7.0~~ 7.1 | 7.0 = 7.03 | 7.33 |
7.23 | b | 6.4 | | | |

2 | 8.4 8.3 | 8.4 = 8.37 | 8.57 | 8.33 | c | 7.2 | | | |

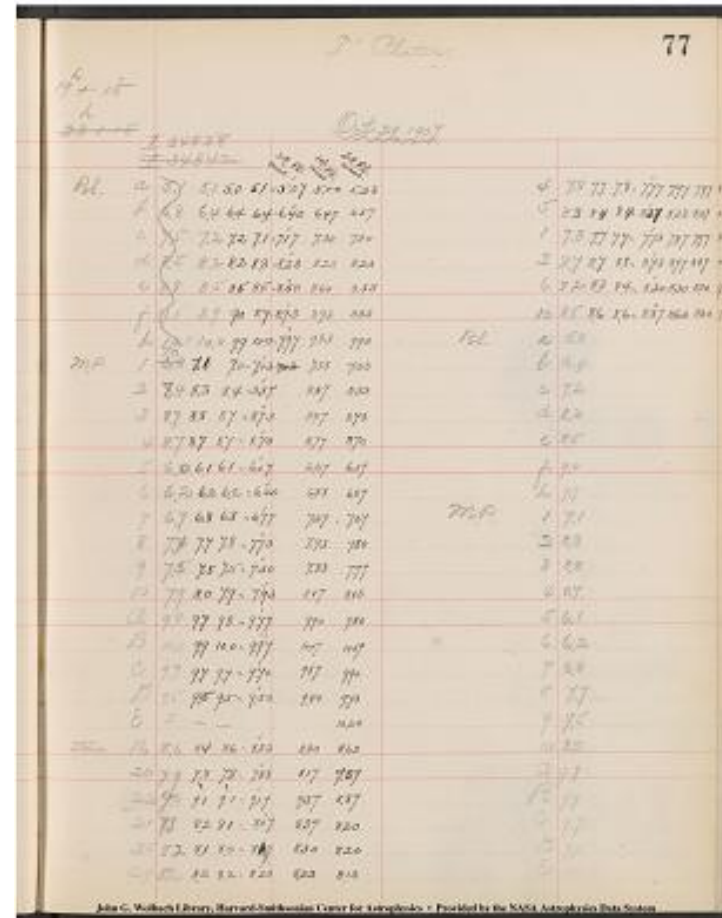
3 | 8.7 8.8 | 8.7 = 8.73 | 8.87 | 8.73 | d | 8.2 | | | |

4 | 8.7 8.7 | 8.7 = 8.70 | 8.77 | 8.70 | e | 8.5 | | | |

5 | 6.0 6.1 | 6.1 = 6.07 | 6.27 | 6.37 | f | 9.0 | | | |

6 | 6.2 6.2 | 6.2 = 6.20 | 6.83 | 6.87 | h | 9.9 | | | |

7 | 6.7 6.8 | 6.8 = 6.77 | 7.27 | 7.27 | M.P. 1 | 7.1 | | | |



8 | 7.4 7.7 | 7.8 = 7.73 | 7.93 | 7.80 | 2 | 8.3 | | |
 9 | 7.5 7.5 | 7.5 = 7.50 | 7.83 | 7.77 | 3 | 8.8 | | |
 10 | 7.9 8.0 | 7.9 = 7.93 | 8.17 | 8.13 | 4 | 8.7 | | |
 A | 9.8 9.7 | 9.8 = 9.77 | 9.90 | 9.80 | 5 | 6.1 | | |
 B | 10.0 9.9 | 10.0 = 9.97 | 10.07 | 10.07 | 6 | 6.2 | | |
 C | 9.7 9.7 | 9.7 = 9.70 | 9.87 | 9.90 | 7 | 6.8 | | |
 D | 9.5 9.5 | 9.5 = 9.50 | 9.80 | 9.73 | 8 | 7.7 | | |
 E | F -- | -- | | 10.20 | 9 | 7.5 | | |
 Stan. 16 | 8.6 8.4 | 8.6 = 8.53 | 8.80 | 8.63 | 10 | 8.0 | | |
 20 | 7.9 7.8 | 7.8 = 7.83 | 8.17 | 7.87 | A | 9.7 | | |
 22 | 9.3 9.1 | 9.1 = 9.17 | 9.37 | 8.87 | B | 9.9 | | |
 21 | 7.9 8.2 | 8.1 = 8.07 | 8.37 | 8.20 | C | 9.7 | | |
 25 | 8.2 8.1 | 8.0 = 8.17 | 8.30 | 8.20 | D | 9.5 | | |
 24 | 8.2 8.2 | 8.2 = 8.20 | 8.23 | 8.13 | E | | | |

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78 T' Plates

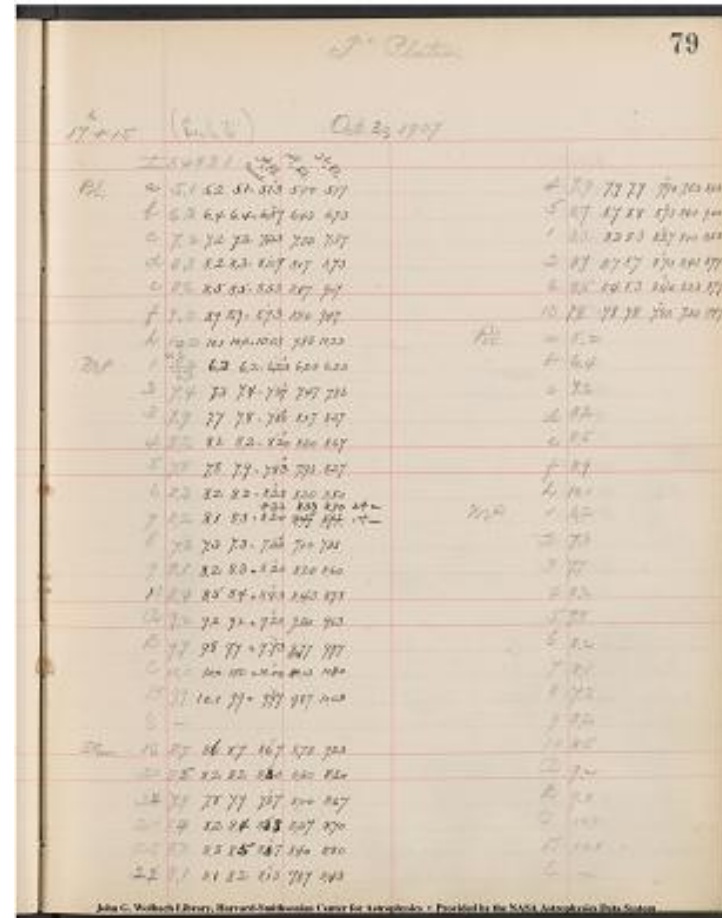
19^h +15 Oct 30, 1907

I|34838
Stan. 16|8.4| |10|7.9
20|7.8| |a|9.8
22|9.1| |B|10.0
21|8.2| |C|9.7
25|8.1| |D|9.5
24|8.2| |E|F.
4|7.7 Stan. 16|8.6
5|8.1| |20|7.8
1|7.7| |22|9.1
2|8.7| |21|8.1
6|8.3| |25|8.0
10|8.6| |24|8.2
Pol. a|5.1| |4|7.8
b|6.4| |5|8.1
c|7.1| |1|7.7
d|8.3| |2|8.8
e|8.5| |6|8. [[?]]
[[?]]|8.9| |10|8.6
h|10.0
m.P 1|7.0
2|8.4
3|8.7
4|8.7
5|6.1
6|6.2
7|6.8
8|7.8
9|7.5

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J' Plates. 79
 17+15 (Seale "6") Oct 30, 1907
 134831 [[unknown]]
 Pol. a 5.1 5.2 5.1= 5.13 5.00 5.17
 b 6.3 6.4 6.4= 6.37 6.43 6.73
 c 7.2 7.2 7.3= 7.23 7.33 7.37
 d 8.3 8.2 8.3= 8.27 8.17 8.73
 e 8.6 8.5 8.5= 8.53 8.47 9.07
 f 9.0 8.9 8.9= 8.93 8.80 9.47
 h 10.0 10.1 10.0= 10.03 9.83 10.23
 M.P. 1 W.S. [[scratched out]] 5.3 [[scratched out]] 6.3 6.2 6.2= 6.23 6.23
 6.23
 2 7.4 7.3 7.4= 7.37 7.47 7.83
 3 7.9 7.7 7.8= 7.80 8.17 8.27
 4 8.2 8.2 8.2= 8.20 8.20 8.67
 5 7.8 7.8 7.9= 7.83 7.93 8.27
 6 8.3 8.2 8.2= 8.23 8.20 8.50
 [[scratched out]] 8.33 [[scratched out]] 8.33 8.70 2d m.
 7 8.2 8.1 8.3= 8.20 [[scratched out]] 8.47 [[scratched out]]
 [[scratched out]] 8.73 [[scratched out]] 1st m
 8 7.3 7.3 7.3= 7.30 7.00 7.33
 9 8.1 8.2 8.3= 8.20 8.20 8.60
 10 8.4 8.5 8.4= 8.43 8.43 8.93
 A 9.2 9.2 9.2= 9.20 9.20 9.63
 B 9.7 9.8 9.7= 9.73 9.77 9.97
 C 10.0 10.0 10.0= 10.00 10.13 10.20
 D 9.9 10.1 9.9= 9.97 9.87 10.03
 E -
 Stan. 16 8.7 8.6 8.7 8.67 8.73 9.23
 20 8.5 8.2 8.2 8.30 8.30 8.30
 24 7.9 7.8 7.9 7.87 8.00 8.67
 21 8.4 8.2 8.4 8.33 8.24 8.70
 25 8.3 8.3 8.5 8.87 8.40 8.80
 22 8.1 8.1 8.2 8.13 7.87 8.43
 4 7.9 7.9 7.9 7.90 7.63 8.53
 5 8.7 8.7 8.8 8.73 8.60 9.20
 1 8.3 8.2 8.3 8.27 8.10 8.53
 2 8.7 8.7 8.7 8.70 8.43 8.97
 6 8.5 8.4 8.3 8.40 8.23 8.77
 10 7.8 7.8 7.8 7.80 7.50 8.47
 Pol. a 5.2
 b 6.4
 c 7.2
 d 8.2
 e 8.5
 f 8.9
 h 10.1
 M.P. 16.2
 27.3
 37.7
 48.2
 57.8
 68.2
 78.1
 87.3
 98.2
 108.5
 A 9.2
 B 9.8
 C 10.0
 D 10.1



E -
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8	7.5		
9	8.3		

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81

T' Plates

14^[[h]] 40^[[m]]+45^[[°]] Oct 30, 1907

134829 [3d Pl | 1st Pl | 2nd Pl]

Pol[a]4.9|5.0|4.9=|4.93^[[]]|4.73|5.83|||4|8.8|8.7|8.9|8.80^[[]]|8.83|8.60|

|b|6.3|6.4|6.3=|6.33^[[]]|6.03|7.33|||5|8.6|8.7|8.7|8.67^[[]]|8.80|8.73|

|c|7.0|7.1|7.0=|7.03^[[]]|6.83|7.87|||1|8.5|8.5|8.4|8.47^[[]]|8.60|8.60|

|d|8.1|8.2|8.2=|8.14^[[]]|8.20|8.47|||2|7.3|7.3|7.3|7.30^[[]]|7.00|7.77|

|e|8.5|8.5|8.5=|8.50^[[]]|8.47|8.80|||16|8.7|8.7|8.8|8.73^[[]]|8.33|8.04|

|f|9.0|8.9|9.0=|8.97^[[]]|8.90|||10|9.0|9.1|9.03^[[]]|8.90|8.60|

|h|10.1|10.1|10.1=|10.10^[[]]|10.04|10.00|Polor.|a|5.0| |||||

MP|1^[[k]]|6.7|6.7|6.4=|6.60^[[]]|6.83|7.20^[[]]|10.30|||b|6.4| |||||

|2|6.8|6.9|6.9=|6.87^[[]]|6.63|7.70|||c|7.1| |||||

|3|7.3|7.5|7.4=|7.40^[[]]|7.37|8.10|||d|8.2| |||||

|4|7.8|7.8|7.7=|7.77^[[]]|7.97|8.27|||e|8.5| |||||

|5|8.8|8.7|8.7=|8.73^[[]]|8.77|8.83|||f|8.9| |||||

|6|8.2|8.2|8.3=|8.23^[[]]|8.27|8.60|||h|10.1| |||||

|7|8.8|8.8|8.7=|8.77^[[]]|8.97|8.97|MP|1|6.7| |||||

|8|8.3|8.5|8.3=|8.37^[[]]|8.50|8.67|||2|6.9| |||||

|9|7.7|7.9|7.8=|7.80^[[]]|7.63|8.13|||3|7.5| |||||

|10|8.4|8.3|8.4=|8.37^[[]]|8.53|8.73|||4|7.8| |||||

|A|9.1|9.2|9.2=|9.17^[[]]|9.27|9.47|||5|8.7| |||||

|B|9.8|9.8|9.7=|9.77^[[]]|9.90|9.87|||6|8.2| |||||

|C|9.8|9.8|9.8=|9.80^[[]]|9.97|9.87|||7|8.8| |||||

|D|9.7|9.9|9.7=|9.77^[[]]|10.13|10.13|||8|8.5| |||||

|E|10.1|10.2|10.1=|10.13|—|10.20|||9|7.9| |||||

Star|X|6|8.1|8.1|8.10^[[]]|8.37|8.70|||10|8.3| |||||

|20|7.9|7.9|7.9|7.90^[[]]|7.93|8.53|||A|9.2| |||||

|22|8.7|8.8|8.7|8.73^[[]]|8.73|8.97|||B|9.8| |||||

|21|8.4|8.3|8.4|8.37^[[]]|8.57|8.77|||C|9.8| |||||

|25|8.2|8.3|8.5|8.33^[[]]|8.57|8.90|||D|9.9| |||||

|24|8.7|8.7|8.7|8.70^[[6]]|8.70|8.80|||E|10.2| |||||

81

T' Plates

14^[[h]] 40^[[m]]+45^[[°]] Oct 30, 1907

134829 [3d Pl | 1st Pl | 2nd Pl]

Pol[a]4.9|5.0|4.9=|4.93^[[]]|4.73|5.83|||4|8.8|8.7|8.9|8.80^[[]]|8.83|8.60|

|b|6.3|6.4|6.3=|6.33^[[]]|6.03|7.33|||5|8.6|8.7|8.7|8.67^[[]]|8.80|8.73|

|c|7.0|7.1|7.0=|7.03^[[]]|6.83|7.87|||1|8.5|8.5|8.4|8.47^[[]]|8.60|8.60|

|d|8.1|8.2|8.2=|8.14^[[]]|8.20|8.47|||2|7.3|7.3|7.3|7.30^[[]]|7.00|7.77|

|e|8.5|8.5|8.5=|8.50^[[]]|8.47|8.80|||16|8.7|8.7|8.8|8.73^[[]]|8.33|8.04|

|f|9.0|8.9|9.0=|8.97^[[]]|8.90|||10|9.0|9.1|9.03^[[]]|8.90|8.60|

|h|10.1|10.1|10.1=|10.10^[[]]|10.04|10.00|Polor.|a|5.0| |||||

MP|1^[[k]]|6.7|6.7|6.4=|6.60^[[]]|6.83|7.20^[[]]|10.30|||b|6.4| |||||

|2|6.8|6.9|6.9=|6.87^[[]]|6.63|7.70|||c|7.1| |||||

|3|7.3|7.5|7.4=|7.40^[[]]|7.37|8.10|||d|8.2| |||||

|4|7.8|7.8|7.7=|7.77^[[]]|7.97|8.27|||e|8.5| |||||

|5|8.8|8.7|8.7=|8.73^[[]]|8.77|8.83|||f|8.9| |||||

|6|8.2|8.2|8.3=|8.23^[[]]|8.27|8.60|||h|10.1| |||||

|7|8.8|8.8|8.7=|8.77^[[]]|8.97|8.97|MP|1|6.7| |||||

|8|8.3|8.5|8.3=|8.37^[[]]|8.50|8.67|||2|6.9| |||||

|9|7.7|7.9|7.8=|7.80^[[]]|7.63|8.13|||3|7.5| |||||

|10|8.4|8.3|8.4=|8.37^[[]]|8.53|8.73|||4|7.8| |||||

|A|9.1|9.2|9.2=|9.17^[[]]|9.27|9.47|||5|8.7| |||||

|B|9.8|9.8|9.7=|9.77^[[]]|9.90|9.87|||6|8.2| |||||

|C|9.8|9.8|9.8=|9.80^[[]]|9.97|9.87|||7|8.8| |||||

|D|9.7|9.9|9.7=|9.77^[[]]|10.13|10.13|||8|8.5| |||||

|E|10.1|10.2|10.1=|10.13|—|10.20|||9|7.9| |||||

Star|X|6|8.1|8.1|8.10^[[]]|8.37|8.70|||10|8.3| |||||

|20|7.9|7.9|7.9|7.90^[[]]|7.93|8.53|||A|9.2| |||||

|22|8.7|8.8|8.7|8.73^[[]]|8.73|8.97|||B|9.8| |||||

|21|8.4|8.3|8.4|8.37^[[]]|8.57|8.77|||C|9.8| |||||

|25|8.2|8.3|8.5|8.33^[[]]|8.57|8.90|||D|9.9| |||||

|24|8.7|8.7|8.7|8.70^[[6]]|8.70|8.80|||E|10.2| |||||

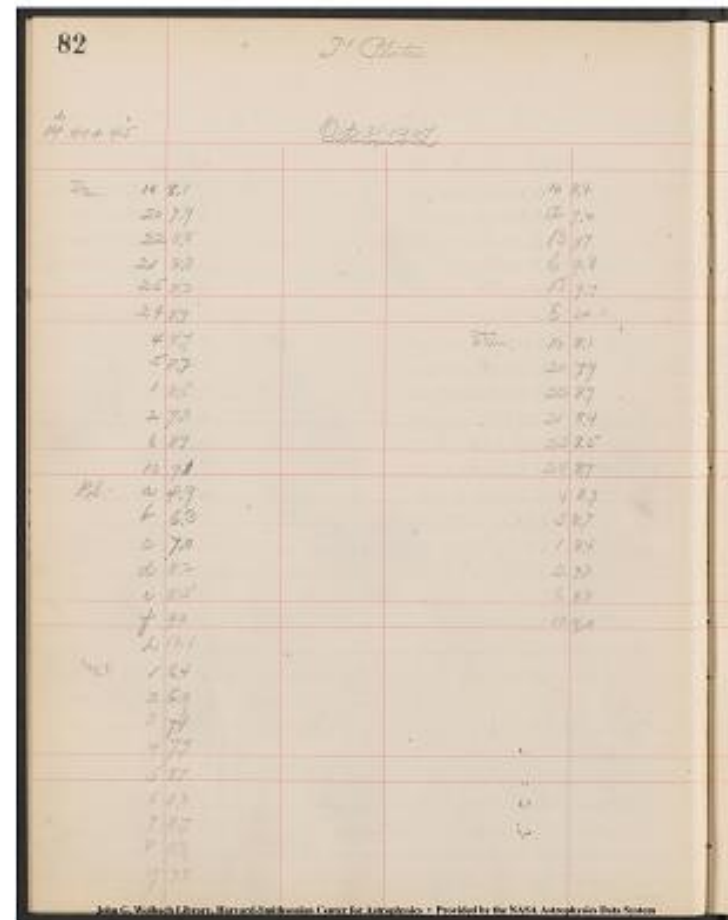
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L
14 40 + 45 Oct 31, 1907

Stan. 16 8.1	10 8.4
20 7.9	A 9.2
22 8.8	B 9.7
21 8.3	C 9.8
25 8.3	D 9.7
24 8.7	E 10.1
4 8.7	Stan. 16 8.1
5 8.7	20 7.9
1 8.5	22 8.7
2 7.3	21 8.4
6 8.7	25 8.5
10 9.1	24 8.7
Pol a 4.9	4 8.9
b 6.3	5 8.7
c 7.0	1 8.4
d 8.2	2 7.3
e 8.5	6 8.8
f 9.0	10 9.0
h 10.1	
M.P 1 6.4	
2 6.9	
3 7.4	
4 7.7	
5 8.7	
6 8.3	
7 8.7	
8 8.3	
9 7.8	

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83

T' Plates

20^[[h]] + 75^[[°]]

Oct 31, 1907

I34708

[[5 column table]]

Pol. a | 5.1 | 5.2 | 5.2 | 5.17 |

b | 6.4 | 6.5 | 6.4 | 6.43 |

c | 7.3 | 7.4 | 7.3 | 7.33 |

d | 8.3 | 8.3 | 8.2 | 8.27 |

e | 8.6 | 8.5 | 8.5 | 8.53 |

f | 8.9 | 8.9 | 8.9 | 8.90 |

h | 10.0 | 10.1 | 10.1 | 10.07 |

M.P 1 | 7.7 | 7.6 | 7.6 | 7.63 |

2 | 7.5 | 7.4 | 7.6 | 7.50 |

3 | 7.4 | 7.5 | 7.4 | 7.43 |

4 | 7.9 | 7.8 | 7.7 | 7.80 |

5 | 8.3 | 8.5 | 8.5 | 8.43 |

6 | 7.3 | 7.3 | 7.4 | 7.33 |

7 | 8.2 | 8.2 | 8.1 | 8.17 |

8 | 8.4 | 8.6 | 8.6 | 8.53 |

9 | 8.5 | 8.7 | 8.5 | 8.57 |

[[strikethrough]] 10 [[\strikethrough]] | | | |

A | 9.2 | 9.3 | 9.2 | 9.23 |

B | 10.0 | 10.0 | 10.0 | 10.00 |

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Ist Plate

Oct 31, 1907

20 + 75

<i>Pol.</i>	<i>m</i>	<i>5.1</i>	<i>5.2</i>	<i>5.2</i>	<i>5.17</i>	<i>dy</i>	<i>8.3</i>	<i>8.5</i>	<i>8.5</i>	<i>8.50</i>
	<i>f</i>	<i>6.4</i>	<i>6.5</i>	<i>6.4</i>	<i>6.43</i>		<i>7.3</i>	<i>7.4</i>	<i>7.3</i>	<i>7.33</i>
	<i>=</i>	<i>7.3</i>	<i>7.4</i>	<i>7.3</i>	<i>7.33</i>		<i>8.3</i>	<i>8.3</i>	<i>8.2</i>	<i>8.27</i>
	<i>d</i>	<i>8.3</i>	<i>8.3</i>	<i>8.2</i>	<i>8.27</i>		<i>8.6</i>	<i>8.5</i>	<i>8.5</i>	<i>8.53</i>
	<i>e</i>	<i>8.6</i>	<i>8.5</i>	<i>8.5</i>	<i>8.53</i>		<i>8.9</i>	<i>8.9</i>	<i>8.9</i>	<i>8.90</i>
	<i>f</i>	<i>8.9</i>	<i>8.9</i>	<i>8.9</i>	<i>8.90</i>		<i>10.0</i>	<i>10.1</i>	<i>10.1</i>	<i>10.07</i>
	<i>h</i>	<i>10.0</i>	<i>10.1</i>	<i>10.1</i>	<i>10.07</i>		<i>7.7</i>	<i>7.6</i>	<i>7.6</i>	<i>7.63</i>
	<i>=</i>	<i>7.7</i>	<i>7.6</i>	<i>7.6</i>	<i>7.63</i>		<i>7.5</i>	<i>7.4</i>	<i>7.6</i>	<i>7.50</i>
	<i>2</i>	<i>7.5</i>	<i>7.4</i>	<i>7.6</i>	<i>7.50</i>		<i>7.4</i>	<i>7.5</i>	<i>7.4</i>	<i>7.43</i>
	<i>3</i>	<i>7.4</i>	<i>7.5</i>	<i>7.4</i>	<i>7.43</i>		<i>7.9</i>	<i>7.8</i>	<i>7.7</i>	<i>7.80</i>
	<i>4</i>	<i>7.9</i>	<i>7.8</i>	<i>7.7</i>	<i>7.80</i>		<i>8.3</i>	<i>8.5</i>	<i>8.5</i>	<i>8.43</i>
	<i>5</i>	<i>8.3</i>	<i>8.5</i>	<i>8.5</i>	<i>8.43</i>		<i>7.3</i>	<i>7.3</i>	<i>7.4</i>	<i>7.33</i>
	<i>6</i>	<i>7.3</i>	<i>7.3</i>	<i>7.4</i>	<i>7.33</i>		<i>8.2</i>	<i>8.2</i>	<i>8.1</i>	<i>8.17</i>
	<i>7</i>	<i>8.2</i>	<i>8.2</i>	<i>8.1</i>	<i>8.17</i>		<i>8.4</i>	<i>8.6</i>	<i>8.6</i>	<i>8.53</i>
	<i>8</i>	<i>8.4</i>	<i>8.6</i>	<i>8.6</i>	<i>8.53</i>		<i>8.5</i>	<i>8.7</i>	<i>8.5</i>	<i>8.57</i>
	<i>9</i>	<i>8.5</i>	<i>8.7</i>	<i>8.5</i>	<i>8.57</i>		<i>7.7</i>	<i>7.6</i>	<i>7.6</i>	<i>7.63</i>
	<i>M.P</i>	<i>1</i>	<i>7.7</i>	<i>7.6</i>	<i>7.63</i>		<i>2</i>	<i>7.5</i>	<i>7.4</i>	<i>7.50</i>
	<i>2</i>	<i>7.5</i>	<i>7.4</i>	<i>7.6</i>	<i>7.50</i>		<i>3</i>	<i>7.4</i>	<i>7.5</i>	<i>7.43</i>
	<i>3</i>	<i>7.4</i>	<i>7.5</i>	<i>7.4</i>	<i>7.43</i>		<i>4</i>	<i>7.9</i>	<i>7.8</i>	<i>7.80</i>
	<i>4</i>	<i>7.9</i>	<i>7.8</i>	<i>7.7</i>	<i>7.80</i>		<i>5</i>	<i>8.3</i>	<i>8.5</i>	<i>8.43</i>
	<i>5</i>	<i>8.3</i>	<i>8.5</i>	<i>8.5</i>	<i>8.43</i>		<i>6</i>	<i>7.3</i>	<i>7.3</i>	<i>7.33</i>
	<i>6</i>	<i>7.3</i>	<i>7.3</i>	<i>7.4</i>	<i>7.33</i>		<i>7</i>	<i>8.2</i>	<i>8.2</i>	<i>8.17</i>
	<i>7</i>	<i>8.2</i>	<i>8.2</i>	<i>8.1</i>	<i>8.17</i>		<i>8</i>	<i>8.4</i>	<i>8.6</i>	<i>8.53</i>
	<i>8</i>	<i>8.4</i>	<i>8.6</i>	<i>8.6</i>	<i>8.53</i>		<i>9</i>	<i>8.5</i>	<i>8.7</i>	<i>8.57</i>
	<i>9</i>	<i>8.5</i>	<i>8.7</i>	<i>8.5</i>	<i>8.57</i>		<i>10</i>	<i>10.0</i>	<i>10.1</i>	<i>10.07</i>
	<i>10</i>	<i>10.0</i>	<i>10.1</i>	<i>10.1</i>	<i>10.07</i>		<i>A</i>	<i>9.2</i>	<i>9.3</i>	<i>9.23</i>
	<i>A</i>	<i>9.2</i>	<i>9.3</i>	<i>9.2</i>	<i>9.23</i>		<i>B</i>	<i>10.0</i>	<i>10.0</i>	<i>10.00</i>
	<i>B</i>	<i>10.0</i>	<i>10.0</i>	<i>10.0</i>	<i>10.00</i>					

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C | 9.9 | 10.0 | 9.9 | 9.93 |

D | - | - | - | |

E | - | - | - | |

Star 28 | 8.1 | 8.1 | 8.1 | 8.10 |

29 | 8.7 | 8.7 | 8.7 | 8.70 |

4 ~~27~~ | 8.7 | 8.6 | 8.5 | 8.60 |

36 | 7.8 | 8.0 | 7.9 | 7.90 |

~~25~~ | | | |
24 | | | | ~~24~~

[[5 column table]]

37 ~~4~~ | 8.3 | 8.5 | 8.4 | 8.40 |

5 | 8.1 | 8.2 | 8.2 | 8.17 |

1 | 8.8 | 8.7 | 8.6 | 8.70 |

10 ~~2~~ | 8.2 | 8.2 | 8.1 | 8.17 |

6 | 9.4 | 9.3 | 9.4 | 9.37 |

2 ~~10~~ | 8.1 | 8.1 | 8.1 | 8.10 |

Pol. a | 5.2 | | |

b | 6.5 | | |

c | 7.4 | | |

d | 8.3 | | |

e | 8.5 | | |

f | 8.9 | | |

h | 10.1 | | |

M.P 1 | 7.6 | | |

2 | 7.4 | | |

3 | 7.5 | | |

4 | 7.8 | | |

5 | 8.5 | | |

6 | 7.3 | | |

7 | 8.2 | | |

8 | 8.6 | | |

9 | 8.7 | | |

~~10~~ | ~~8.8~~ | | |

A | 9.3 | | |

B | 10.0 | | |

C | 10.0 | | |

D | | | |

E | | | |

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[[left margin]] 2.0 + 7.5 [[/left margin]] Oct 31, 1907

I 34708
Stan. 28 | 8.1

29 | 8.7

37 | 8.6

36 | 8.0

4 | 8.5

5	8.2
---	-----

1	8.7
---	-----

2	8.2
---	-----

6	9.3
---	-----

10 | 8.1

a | 5.2

Pol. b | 6.4

c | 7.3

d	8.2
---	-----

a	8.2
e	8.5

f | ~~9.0~~ 8.9

h | 10.1

MP 1 | 7.6

3 | 7.4

4	7.7
---	-----

5		8.5
---	--	-----

6	7.4
---	-----

6	7.1
7	8.1

7	8.1
8	8.6

9	8.5
---	-----

9	9.9
A	92

A	52
B	10.0

B	10.0
C	9.9

D	5.5
---	-----

E-

Stan. 28 | 8.1

29 | 8.7

29	8.7
37	8.5

36	7.9
----	-----

4 | 8.4

4	8.4
5	8.2

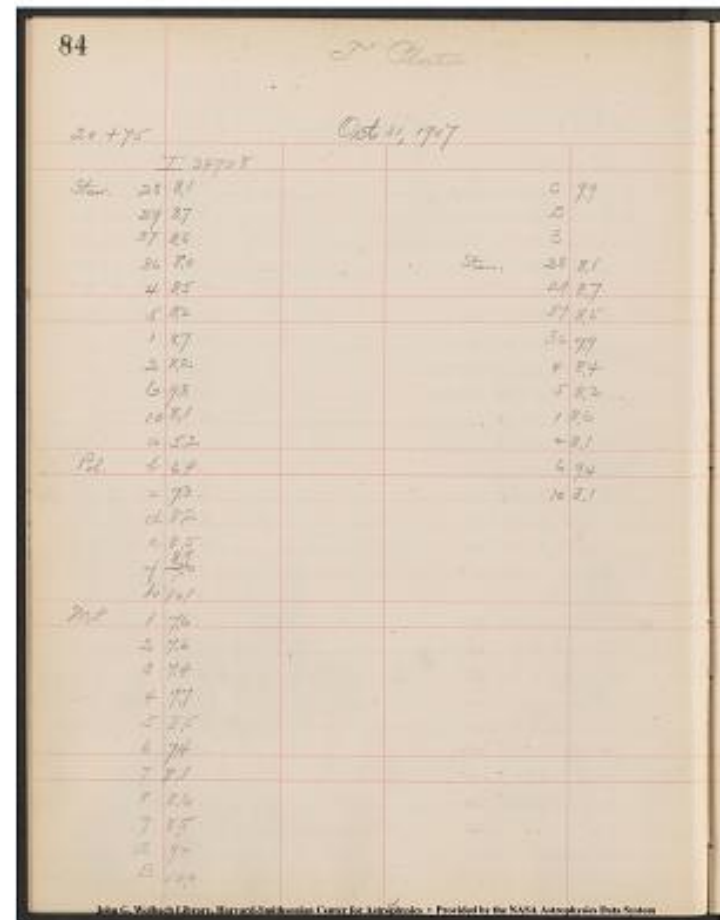
0	0.2
1	8.6

1	8.0
2	8.1

2	8.1
6	9.4

9		9.4
10		8.1

10 | 0.1



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85

T' Plates

7h + 15

Dec 17, 1907

I35046

[10 column table]

Pol. a | 5.1 5.2 5.1 | 5.13 010 | 2 | 8.0 7.9
7.9 | 7.95 ~~8.67~~ | Stan . 16 | 8.8 | A |
9.7 |

b | 6.4 6.3 6.4 | 6.37 0 | 1 | 7.8 7.8 7.8 | 7.80
| 20 | 8.5 | B | 101 |

c | 7.3 7.3 7.2 | 7.27 00 | 5 | 8.7 8.6 8.5 | 8.60
| 22 | 7.6 | C | 9.9 |

d | 8.3 8.1 8.1 | 8.17 1 | 4 | 8.7 8.6 8.7 | 8.67
| 21 | 8.4 | D | 10.1 |

e | 8.5 8.4 8.5 | 8.47 0 | 6 | 7.2 7.1 7.2 | 7.17
| 25 | 7.6 | E | 10.2 |

f | 8.9 8.8 8.9 | 8.87 0 | 10 | 7.9
~~7.9~~ | 7.9 | 7.90 | 24 | 7.1 | St. 16 |
8.8 |

h | 10.1 10.1 10.1 | 10.10 000 | Pol. a | 5.2 | | 2 | 7.9 | 20 | 8.8 |

MP 1 | 6.3 6.3 6.4 | 6.33 001 | b | 6.3 | | 1 |
7.8 | 22 | 7.9 |

2 | 7.1 7.1 7.2 | 7.13 001 | c | 7.3 | | 5 | 8.6 | 21 | 8.2 |

3 | 6.9 6.9 6.9 | 6.90 000 | d | 8.1 | | 4 | 8.6 | 25 | 7.8 |

4 | 7.9 7.8 7.8 | 7.83 100 | e | 8.4 | | 6 | 7.1 | 24 | 7.2 |

5 | 7.7 7.7 7.7 | 7.70 000 | f | 8.8 | | 10 | 7.9 | 2 | 7.9 |

6 | 8.2 8.1 8.1 | 8.13 100 | h | 10.1 | | Pol. a | 5.1 | 1 | 7.8 |

7 | 8.1 7.9 8.1 | 8.03 ^ | 1 | 1 | MP 1 | 6.3 | | b
| 6.4 | 5 | 8.5 |

8 | 6.9 6.9 6.9 | 6.90 000 | 2 | 7.1 | | c | 7.2 | 4 | 8.7 |

9 | 7.2 7.1 7.2 | 7.17 0¹ | 3 | 6.9 | | d | 8.1 | 6 |
7.2 |

10 | 7.9 7.8 7.7 | 7.80 10¹ | 4 | 7.8 | | e | 8.5 |
10 | 7.9 |

A | 9.6 9.7 9.7 | 9.67 | 5 | 7.7 | | f | 8.9 | | |

B | 10.1 10.0 10.1 | 10.07 | 6 | 8.1 | | h | 10.1 | | |

C | 9.9 9.9 9.9 | 9.90 | 7 | 7.9 | | MP. 1 | 6.4 | | |

D | 10.2 10.1 10.1 | 10.13 | 8 | 6.9 | | 2 | 7.2 | | |

E | 10.2 10.1 10.2 | 10.17 | 9 | 7.1 | | 3 | 6.9 | | |

[[left margin]] Stan. [[left margin]] 16 | 8.8 8.8 8.8 | 8.80 | 10 | 7.8 | | 4 |
7.8 | | |

20 | 8.3 8.5 8.3 | 8.37 | A | 9.7 | | 5 | 7.7 | | |

22 | 7.9 7.6 7.9 | 7.80 | B | 10.0 | | 6 | 8.1 | | |

21 | 8.5 8.4 8.2 | 8.37 | C | 9.9 | | 7 | 8.1 | | |

25 | 7.8 7.6 7.8 | 7.73 | D | 10.1 | | 8 | 6.9 | | |

24 | 7.1 7.1 7.2 | 7.13 | E | 10.1 | | 9 | 7.2 | | |

| | | | | | 10 | 7.7 | | |

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87

T' Plates

1h + 15°

Measures of faint stars g, h, k, k2 & k3 in Polar seq. also ft stars a, b, c, d, and e. (Reg 1 + 15)
(Scale 32811)

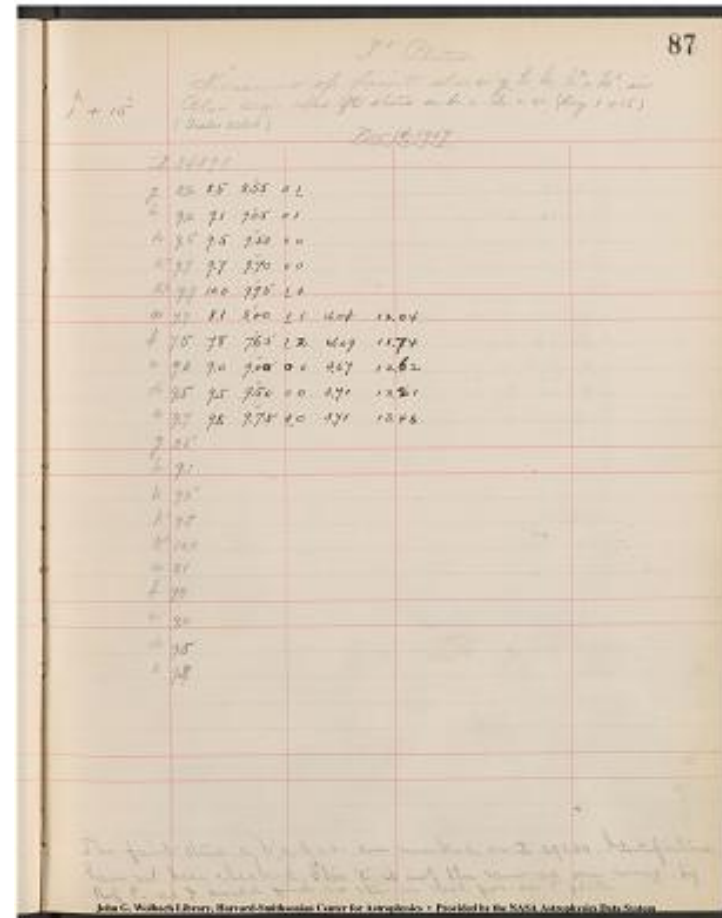
Nov 14, 1907

I34891

g 8.6 8.5 8.55 01
h 9.0 9.1 9.05 01
k 9.5 9.5 9.50 00
k^2 9.7 9.7 9.70 00
k^3 9.9 10.0 9.95 10
a 7.9 8.1 8.00 11 4.04 12.04
b 7.5 7.8 7.65 12 4.09 11.74
c 9.0 9.0 9.00 00 3.64 12.62
d 9.5 9.5 9.50 00 3.41 13.21
e 9.7 9.8 9.75 00 3.41 13.46
g 8.5
h 9.1
k 9.5
k^2 9.7
k^3 10.0
a 8.1
b 4.8
c 9.0
d 9.5
e 9.8

The faint stars a, b, c, d, and e are marked on I29230. Identifications have not been checked. Star "e" is not the same as one meas. by Prof P. as I could find no star in that pos. on T' plate

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Project PHaEDRA - Evelyn F. Leland - Search for variables; measures #31 or 32
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[[right margin]] 89 [[right margin]]

T¹ Plates

Measurement of faint stars g,h,k,k²,k³ in

Polar Seq. also faint stars a b c d + e (23^h[[h]]+15)

23^h[[h]]+15 (Scale 32811)

Nov 16, 1907

I 34833

[[6 Columned table]]

g|8.5|8.5|8.50|00|

h|8.9|9.0|8.95|10|

k|9.5|9.5|9.50|00|

k²[[2]]|9.5|9.6|9.55|10|

k³[[3]]|10.0|10.0|10.00|00|

a|8.2|8.4|~~8.40~~00|8.30|

b|8.8|9.0|~~9.05~~10|8.90|

c|9.0|8.9|~~8.90~~00|8.95|

d|9.3|9.5|~~9.50~~00|8.95|

e|9.7|9.7|~~9.70~~00|9.70|

g|8.5|

h|9.0|

k|9.5|

k²[[2]]|9.6|

k³[[3]]|10.0|

a|8.4|

b|9.0|

c|8.9|

d|9.5|

e|9.7|

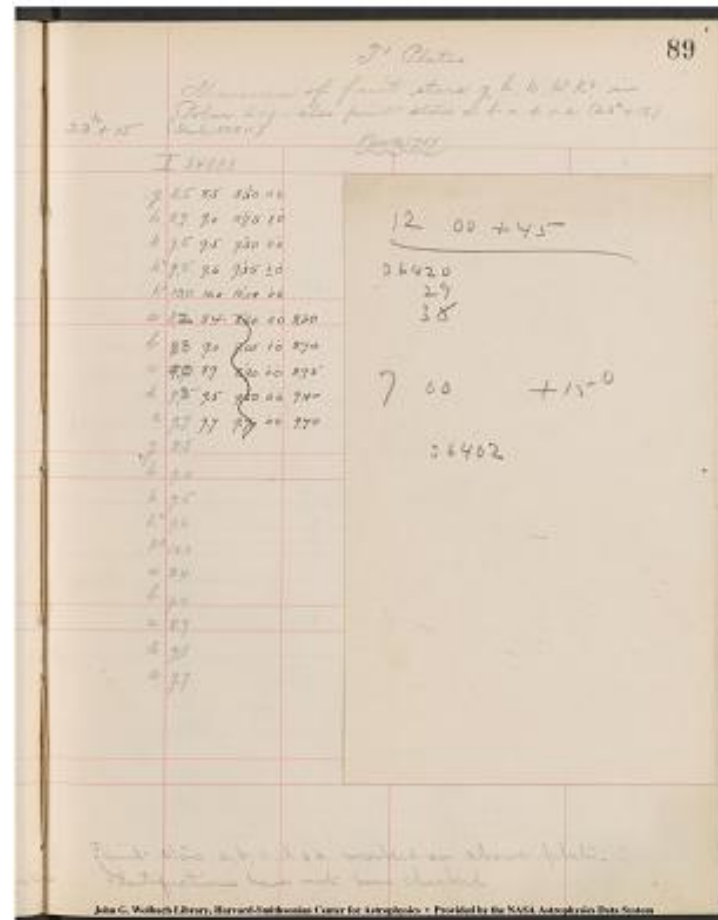
[[equation]]

Faint stars a,b,c,d + e marked on above plot

Identifications have not been checked

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T' Plates.

Measures of faint stars g h k k2 + k3 in Polar seq. also faint stars a b c d + e (23h-15)

23h-15 (Scale 32811) [[Nov 18, 1904]]

134880 | 134366 |

g | 8.5 8.5 8.50 00 | 8.3 8.2 8.25 |

h | 9.0 9.0 9.00 00 | 8.6 8.6 8.60 |

k | 9.6 9.7 9.65 01 | 9.1 9.1 9.10 |

k2 | 9.7 9.7 9.70 00 | 9.2 9.1 9.15 |

k3 | 10.0 10.0 10.00 00 | 9.5 9.5 9.50 |

a | 8.8 9.0 9.15 10 | 8.90 | 8.3 8.2 8.25 |

b | 9.2 9.2 9.00 00 | 9.20 | 8.2 8.3 8.25 |

c | 9.5 9.3 9.15 01 | 9.40 | 8.5 8.8 8.50 |

d | 9.6 9.5 9.10 00 | 9.55 | 8.7 8.8 8.75 |

e | 9.9 8.00 9.75 01 | 9.95 | 9.3 9.3 9.30 |

g | 8.5 | 8.2 |

h | 9.0 | 8.6 |

k | 9.7 | 9.1 |

k2 | 9.7 | 9.1 |

k3 | 10.0 | 9.5 |

a | 9.0 | 8.2 |

b | 9.2 | 8.3 |

c | 9.3 | 8.5 |

d | 9.5 | 8.8 |

e | 9.9 | 9.3 |

The stars a b c d e are probably not the ones measured by Prof. P.
Could not be sure of identifications.

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

90

Measurements of faint stars g h k k2 + k3 in Polar seq. also faint stars a b c d + e (23h-15)

23h-15 (Scale 32811) Nov 18, 1904

134880 | 134366 |

g | 8.5 8.5 8.50 00 | 8.3 8.2 8.25 |

h | 9.0 9.0 9.00 00 | 8.6 8.6 8.60 |

k | 9.6 9.7 9.65 01 | 9.1 9.1 9.10 |

k2 | 9.7 9.7 9.70 00 | 9.2 9.1 9.15 |

k3 | 10.0 10.0 10.00 00 | 9.5 9.5 9.50 |

a | 8.8 9.0 9.15 10 | 8.90 | 8.3 8.2 8.25 |

b | 9.2 9.2 9.00 00 | 9.20 | 8.2 8.3 8.25 |

c | 9.5 9.3 9.15 01 | 9.40 | 8.5 8.8 8.50 |

d | 9.6 9.5 9.10 00 | 9.55 | 8.7 8.8 8.75 |

e | 9.9 8.00 9.75 01 | 9.95 | 9.3 9.3 9.30 |

g | 8.5 | 8.2 |

h | 9.0 | 8.6 |

k | 9.7 | 9.1 |

k2 | 9.7 | 9.1 |

k3 | 10.0 | 9.5 |

a | 9.0 | 8.2 |

b | 9.2 | 8.3 |

c | 9.3 | 8.5 |

d | 9.5 | 8.8 |

e | 9.9 | 9.3 |

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Measure of faint stars g h k k^2 k^3 in polar seg. alu faint stars a b c d +
e - 21^h-1.5
(Scale 321811) Nov 18, 1907

{LEFT COLUMN}

I34877

g. | 8.5 8.4 8.45 10

h. | 8.9 9.0 8.95 10

k. | 9.5 9.5 9.50 00

k^2 | 9.7 9.6 9.65 10

k^3 | 10.0 10.0 10.00 00

a | 8.3 8.3 8.30 00

b | 8.4 8.4 8.40 00

c | 9.7 9.7 9.70 00

d | 9.9 9.8 9.85 10

e | 9.7 9.7 9.70 00

g | 8.4

h | 9.0

k | 9.5

k^2 | 9.6

k^3 | 10.0

a | 8.3

b | 8.4

c | 9.7

d | 9.8

e | 9.7

{RIGHT COLUMN}

Jan 10, 1910

I32144

8.3 8.3 8.30

8.6 8.5 8.55

9.2 9.3 9.25

9.3 9.5 9.40

9.7 9.8 9.75

7.3 7.5 7.40

7.7 7.9 7.80

8.8 8.8 8.80

8.9 9.0 8.95

8.9 8.9 8.90

8.3

8.5

9.3

9.5

9.8

7.5

7.9

8.8

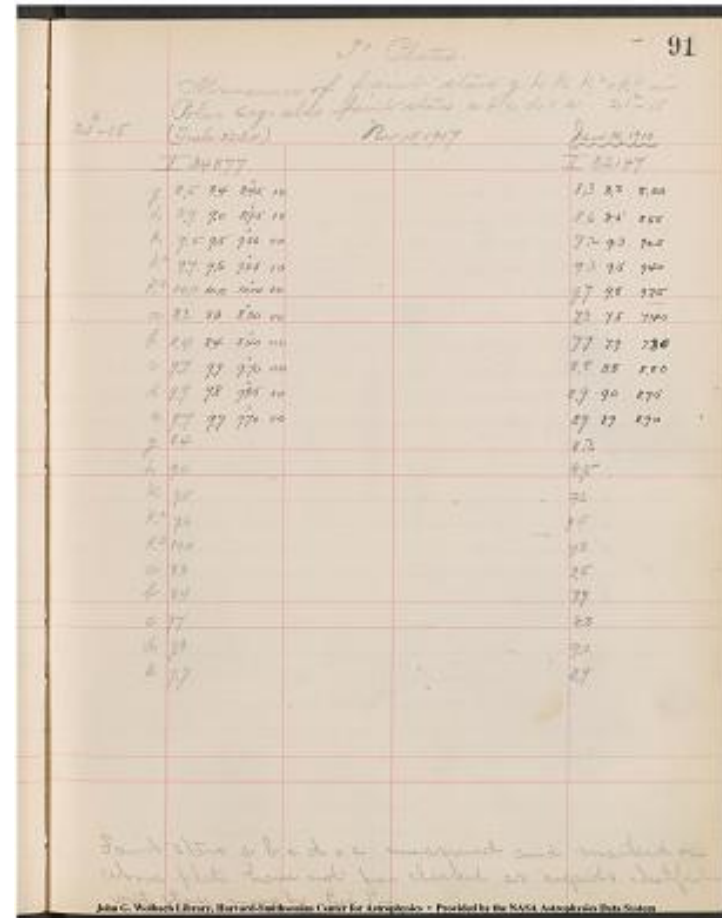
9.0

8.9

faint stars a b c d + e measured and marked on above plate have not
been checked as regards identification with those meas by Prof. P---

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92

T' Plates

Measures of faint stars g h k k² & k³ in Polar seg
- also faint stars a b c d & e (1^h 20 + 45)

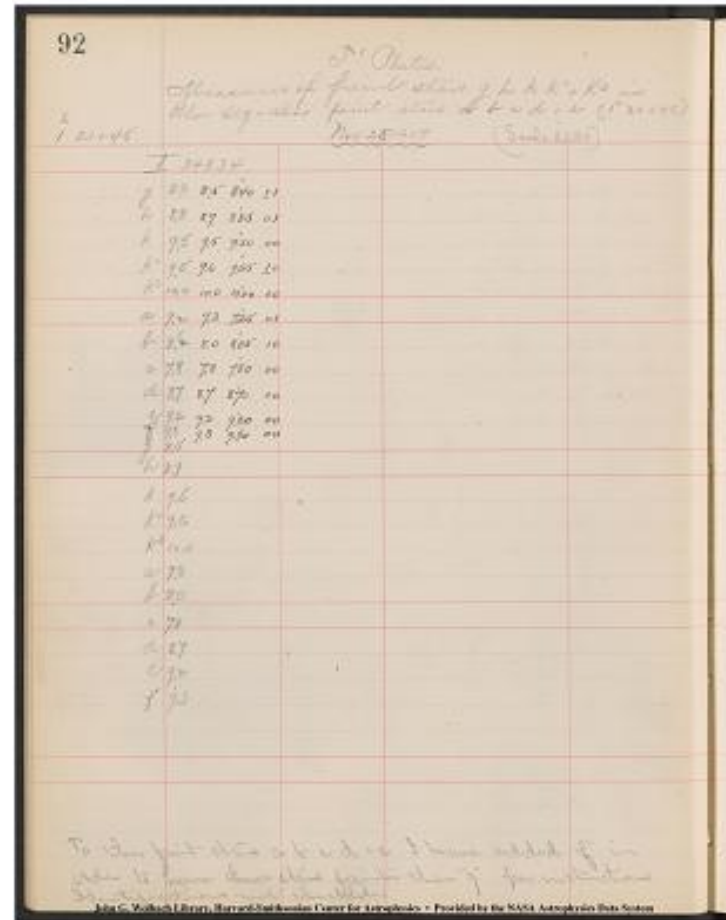
1^h 20 + 45 Nov 25, 1907
(Scale 32811)

I 34834

g	8.3	8.5	8. ^h [v]40	1
h	8.8	8.9	8. ^h [v]85	01
k	9.5	9.5	9. ^h [v]50	00
k ²	9.5	9.6	9. ^h [v]55	1
k ³	10.0	10.0	10. ^h [v]00	00
a	7.2	7.3	7. ^h [v]25	01
b	8.	8.	8. ^h [v]2	1
c	7.8	7.8	7. ^h [v]80	00
d	8.7	8.7	8. ^h [v]70	00
e	9.2	9.2	9. ^h [v]20	00
f	9.3	9.3	9. ^h [v]30	00
g	8.5			
h	8.9			
k	9.5			
k ²	9.6			
k ³	10.0			
a	7.3			
b	8.0			
c	7.8			
d	8.7			
e	9.2			
f	9.3			

To the faint stars a b c d & e I have added f in under to have these stars fainter than "g" per instructions. Identifications not checked.

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or 32
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93

T' Plates.

Measures of faint stars g, h, k, k^2 & k^3 in Polar seg. also faint stars a, b, c, d & e ($1^h[h] + 15$)

$1^h[h] + 15$ Nov 25, 1907 (Scale 32811)

I 34891

~~g~~

g | 8.5 | 8.4 | $8^h[v]$ 45 | 10

h | 9.0 | 9.0 | $9^h[v]$ 00 | 00

k | 9.6 | 9.5 | $9^h[v]$ 55 | 0 | 1

k^2 | 9.6 | 9.7 | $9^h[v]$ 65 | 01

k^3 | 9.9 | 10.1 | $10^h[v]$ 00 | 1

a | 8.4 | 8.3 | $8^h[v]$ 35 | 0 | 1

b | ~~9.4~~ | ~~9.2~~

~~9.2~~ | ~~9.1~~ | $9^h[v]$ 15 | 0

1

c | 9.8 | 9.7 | $9^h[v]$ 75 | 0 | 1

d | 9.5 | 9.5 | $9^h[v]$ 50 | 00

e | 9.8 | 9.9 | $9^h[v]$ 85 | 01

~~g~~

g | 8.4

h | 9.0

k | 9.5

k^2 | 9.7

k^3 | 10.1

a | 8.3

b | 9.1

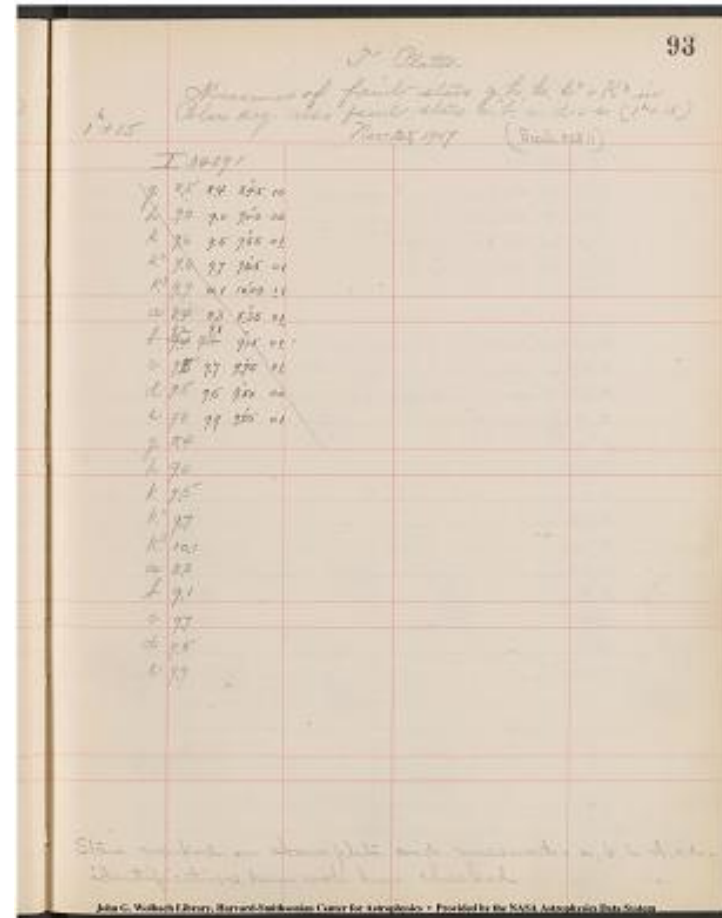
c | 9.7

d | 9.5

e | 9.9

Stars marked on above plate and measured - a, b c d & e. identifications have not been checked.

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Project PHaEDRA - Evelyn F. Leland - Search for variables; measures #31 or 32
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94

T' Plates

Measures of faint stars a b c d & e. also g, h, k, $k^{[2]}$ & $k^{[3]}$ in Polar Seg.

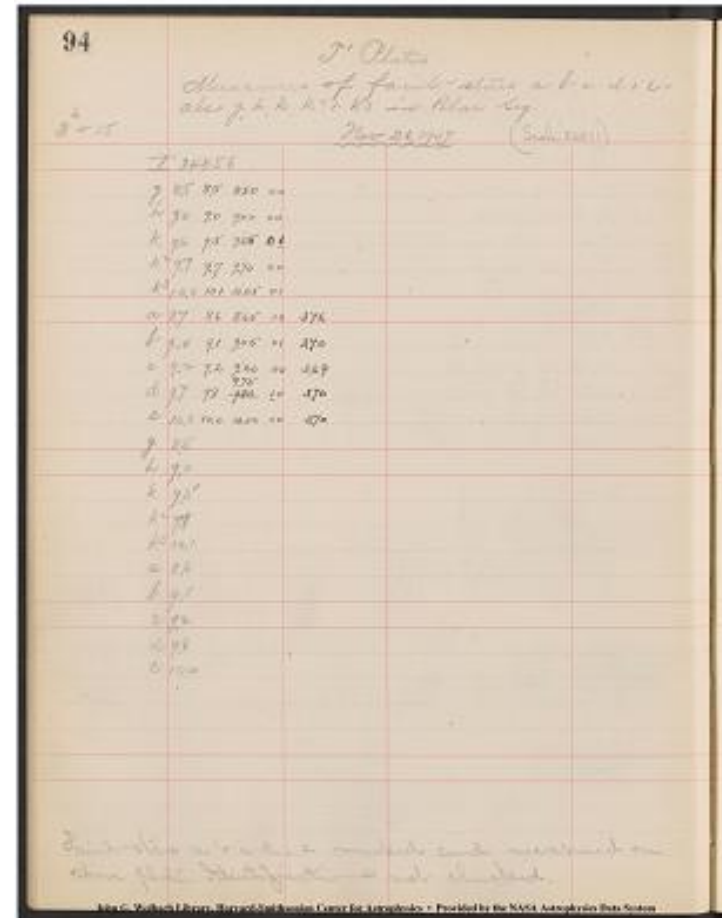
$3^{[h]} + 15$ Nov 26, 1907
(Scale 32811)

I 34856

g	8.5	8.5	8.50	00
h	9.0	9.0	9.00	00
k	9.6	9.5	9.55	0 <u>1</u>
$k^{[2]}$	9.7	9.7	9.70	00
$k^{[3]}$	10.0	10.1	10.05	01
a	8.7	8.6	8.65	10 3.76
b	9.0	9.1	9.05	01 3.70
c	9.2	9.2	9.20	00 3.69
d	9.7	9.8	9.80 9.75	<u>1</u> 3.70
e	10.0	10.0	10.00	00 3.70
g	8.5			
h	9.0			
k	9.5			
$k^{[2]}$	9.7			
$k^{[s]}$	10.1			
a	8.6			
b	9.1			
c	9.2			
d	9.8			
e	10.0			

Faint stars a b c d & e marked and measured on above plate.
Identifications not checked.

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95

T' Plates.

Measures of g, h, k, $k^{[2]}$ & $k^{[3]}$ in Polar seg. also faint stars a b c d & e (17 20 + 45)

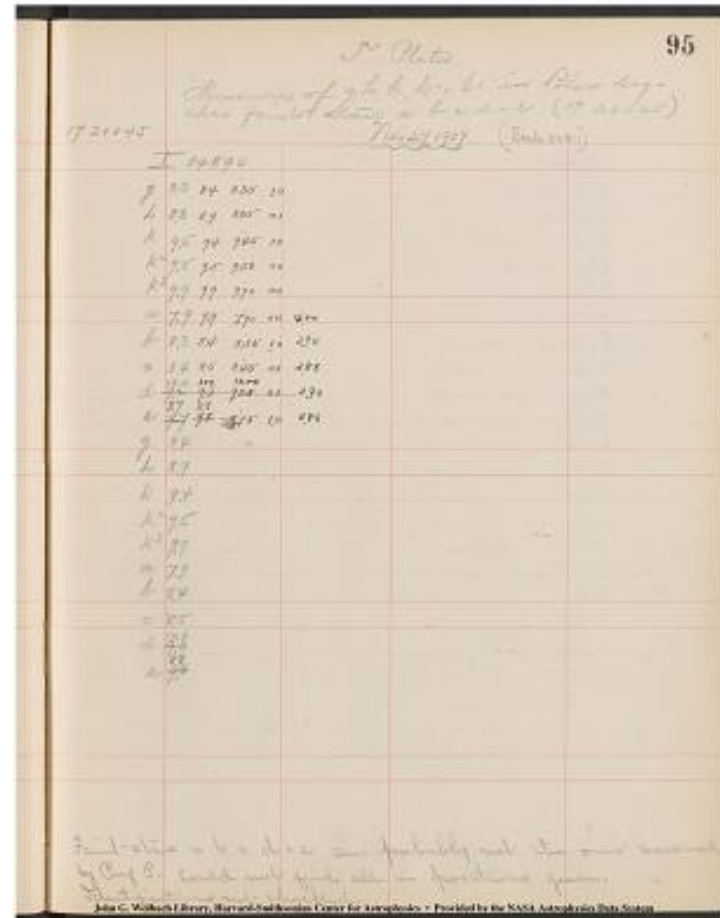
17 20 + 45 Nov 24, 1907
(Scale 32811)

I 34890

g	8.3	8.4	8.35	1	0
h	8.8	8.9	8.85	01	
k	9.5	9.4	9.45	10	
$k^{[2]}$	9.5	9.4	9.50	00	
$k^{[3]}$	9.9	9.9	9.90	00	
a	7.9	7.9	7.90	00	4.00
b	8.3	8.4	8.35	1	0 3.90
c	8.4	8.5	8.45	01	3.99
d	9.2	9.3	9.25	01	3.90
e	9.7	9.8	9.75	1	3.86
g	8.4				
h	8.9				
k	9.4				
$k^{[2]}$	9.5				
$k^{[3]}$	9.9				
a	7.9				
b	8.4				
c	8.5				
d	9.3	10.0			
e	9.8	8.8			

Faint stars a b c d & e are probably not the ones measured by Prof P. could not find all in positions given. Identifications not checked.

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[[left-margin]] 96 [[left-margin]]

T'Plates

Measures of faint stars g,h,k,k^{[[2]]}+k^{[[3]]} in Polar seg-also faint stars a,b,c,d+e (4^{[[h]]}+45)

4^{[[h]]}+45

Dec 3, 1907

(Scale 32811)

I34855

[[6 columned table]]

g|8.7|8.6|8.65|10|

h|9.2|9.2|9.20|00|

k|9.9|9.9|9.90|00|

k^{[[2]]}|9.9|9.9|9.90|00|

k^{[[3]]}|10.2|10.2|10.20|00|

a|7.9|7.8|7.82|10|4.06|

b|8.9|8.9|8.90|00|3.55|

c|9.1|9.1|9.10|00|3.50|

d|9.5|9.5|9.50|00|3.40|

e|9.7|9.8|9.45|10|3.42|

g|8.6|

h|9.2|

k|9.9|

k^{[[2]]}|9.9|

k^{[[3]]}|10.2|

a|7.8|

b|8.9|

c|9.1|

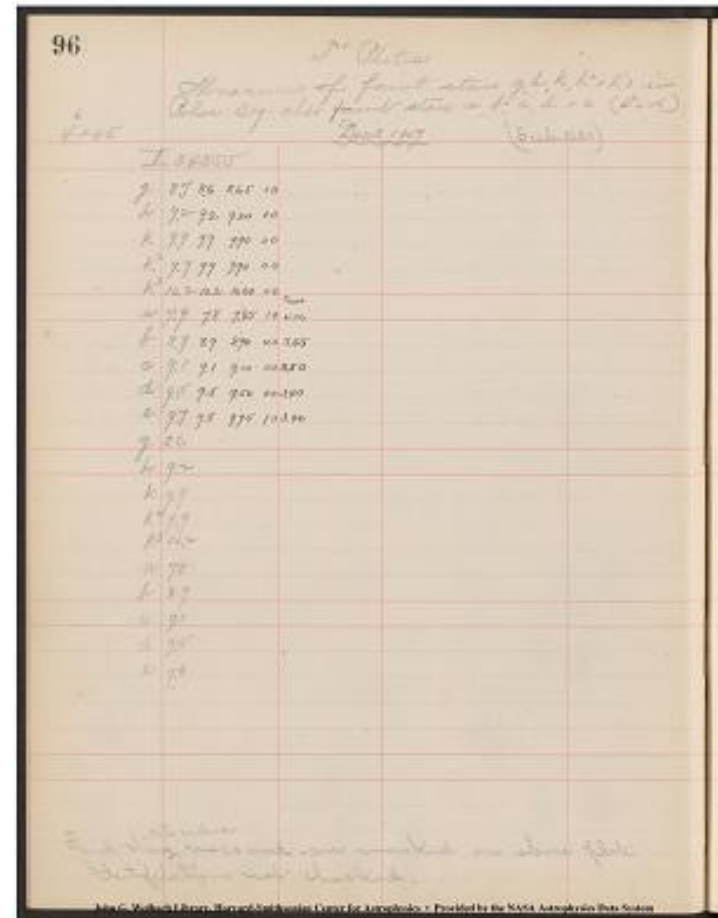
d|9.5|

e|9.8|

Faint-stars a,b,c,d+e measured are marked on above plate

Identifications not checked,

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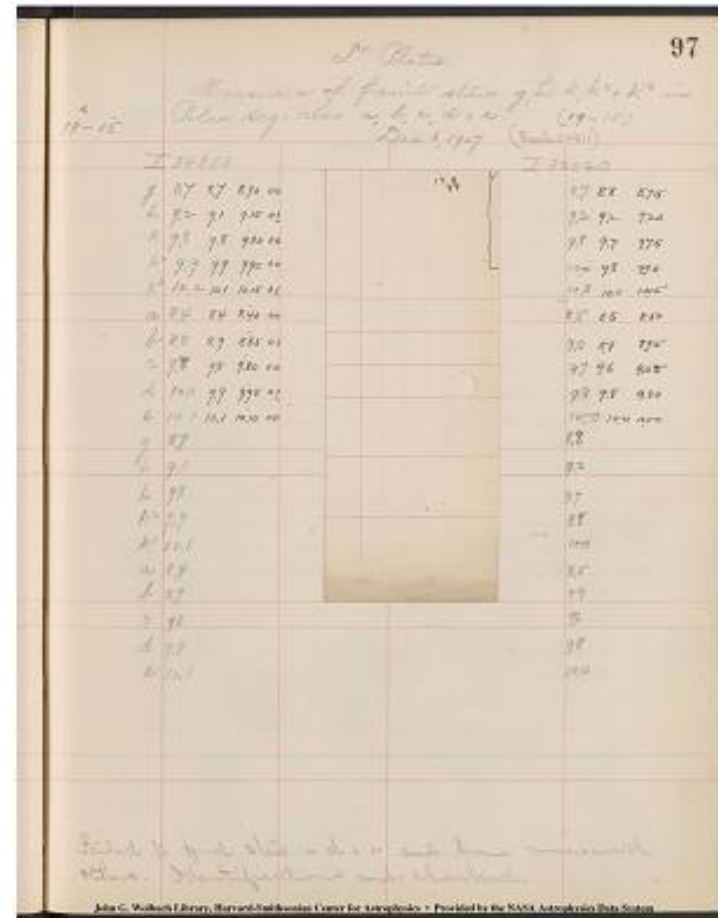
Project PHaEDRA - Evelyn F. Leland - Search for variables; measures #31 or 32
Transcribed and Reviewed by Digital Volunteers
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97
T' Plates

Measures of faint stars g,h,k,k²+k³ in polar seg - also a,f,c,d + e (19-15)
Dec 3, 1907 (Scale.32811)

19-15| 34853| || 32020|
g |8.7 8.7 8.40 00| |8.7 8.8 8.75|
h |9.2 9.1 9.15 01| |9.2 9.2 9.20|
k |9.8 9.8 9.80 00| |9.8 9.7 9.75|
k²|9.9 9.9 9.90 00| |10.0 9.8 9.90|
k³|10.2 10.1 10.15 01| |10.3 10.0 10.15|
a |8.4 8.4 8.40 00| |8.5 8.5 8.50|
b |8.8 8.9 8.85 01| |9.0 8.9 8.90|
c |9.8 9.8 9.80 00| |9.7 9.6 9.68|
d |10.0 9.9 9.95 01| |9.8 9.8 9.80|
e |10.1 10.1 10.10 00| |10.0 10.0 10.00|
g |8.7| |8.8|
h |9.1| |9.2|
k |9.8| |9.7|
k²|9.9| |9.8|
k³|10.1| |10.0|
a |8.4| |8.5|
f |8.9| |[[8.9]]|
c |[[9.8]]| |9.6|
d |9.9| |[[9.8]]|
e |10.1| |10.0|

Failed to find stars c, d+e and have measured others. Identifications not checked.



Project PHaEDRA - Evelyn F. Leland - Search for variables; measures #31 or 32
Transcribed and Reviewed by Digital Volunteers
Extracted Aug-29-2022 01:22:44

98

T' Plates.

Measures of Faint stars g, h, k, $k^2 + k^3$ in Polar Seq. also a, b, c, d + e. (19 + 15)

19^h + 15 Dec 9, 1907 (Scale 32811)

134838

g 8.7 8.6 8.65 10

h 9.0 9.0 9.00 00

k 9.5 9.5 9.50 00

k^2 9.6 9.7 9.65 01

k^3 10.0 10.0 10.00 00

a 8.9 8.9 8.90 00 3.68

b 9.4 9.5 9.45 01 3.42

c 9.3 9.3 9.30 00 3.71

d 9.8 9.8 9.80 00 3.45

e 10.1 10.1 10.10 00 3.48

g 8.6

h 9.0

k 9.5

k^2 9.7

k^3 10.0

a 8.9

b 9.5

c 9.3

d 9.8

e 10.1

Faint - stars a b c d + e - identifications not-checked
d + e probably not the ones meas by Prof P.

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98

T' Plates

Measures of faint stars g, h, k, $k^2 + k^3$ in Polar Seq. also a, b, c, d + e. (19 + 15)

Star	g	h	k	k^2	k^3	a	b	c	d	e
19 ^h + 15	8.7	8.6	8.65	10						
134838										
g	8.7	8.6	8.65	10						
h	9.0	9.0	9.00	00						
k	9.5	9.5	9.50	00						
k^2	9.6	9.7	9.65	01						
k^3	10.0	10.0	10.00	00						
a	8.9	8.9	8.90	00	3.68					
b	9.4	9.5	9.45	01	3.42					
c	9.3	9.3	9.30	00	3.71					
d	9.8	9.8	9.80	00	3.45					
e	10.1	10.1	10.10	00	3.48					
g	8.6									
h	9.0									
k	9.5									
k^2	9.7									
k^3	10.0									
a	8.9									
b	9.5									
c	9.3									
d	9.8									
e	10.1									

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T' Plates.

Measures of faint stars g, h, k, $k^{[2]}$ & $k^{[3]}$ in Polar Seq. also a, b, c, d & e (Scale 32811)

 $17^h 15^m$

Dec 6, 1907

I34831

[[5 columned table]]

g|8.5|8.5|8.50|00|

h|8.9|8.9|8.90|00|

k|9.5|9.6|9.55|1|0| $k^{[2]}$ |9.7|9.7|9.70|00| $k^{[3]}$ |10.0|10.0|10.00|00|a|8.0|7.9|7.95|0|1|b|8.7|~~8.9~~|~~8.6~~|8.65|10|

c|9.5|9.4|9.45|10|

d|10.0|10.0|10.00|00|

e|9.9|9.8|9.85|10|

g|8.5|

h|8.9|

k|9.6|

 $k^{[2]}$ |9.7| $k^{[3]}$ |10.0|

a|7.9|

b|~~8.9~~|~~8.6~~|

c|9.4|

d|10.0|

e|9.8|

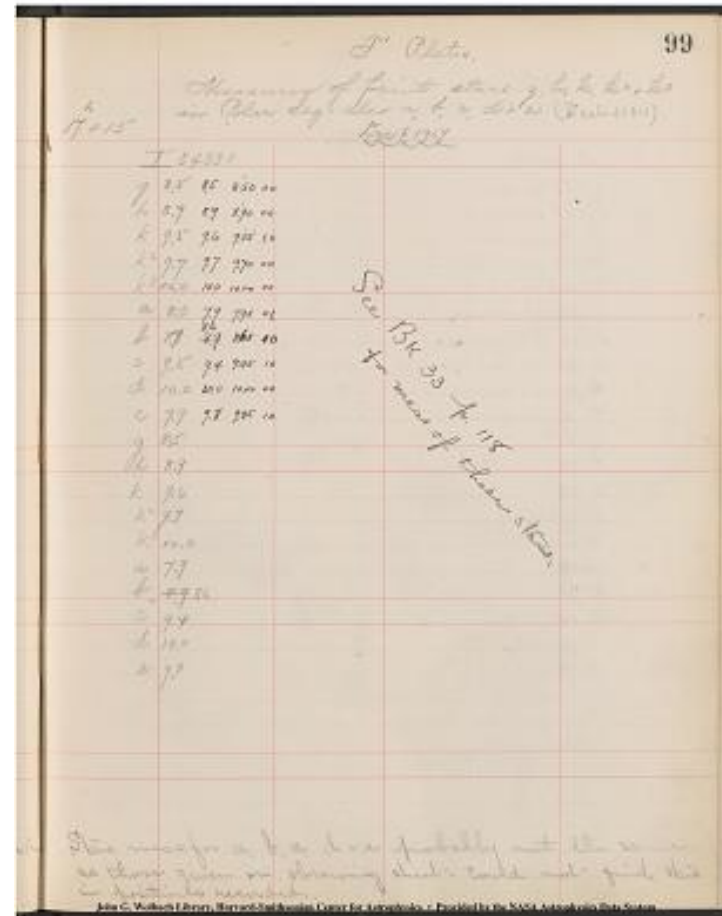
[[right margin]]

See Bk 33 p. 118 for meas of these stars.

[[/right margin]]

Stars meas for a, b, c, d & e probably not the same as those given in observing sheet. Could not find stars in positions recorded.

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100

T' Plates.

Measures of faint stars g, h, k², k³ in Pol Seq. Also faint stars a b c d, e (20 + 75°)(Scale 32811)

20^h + 75

Dec 11, 1907

I34708

[5 columned table]

g|8.7|8.6|8.65|10|

h|9.3|9.1|9.20|1|1|

k|9.8|9.7|9.75|0|1|

k²|9.9|9.8|9.85|10|

k³|10.1|10.1|10.10|00|

a|8.3|8.2|8.25|10|~~8.8|8.75|10|~~

b|9.3|9.3|9.30|00|

c|9.3|9.4|9.35|1|0|

d|9.2|9.3|9.25|01|

e|9.7|9.8|9.75|1|0|

g|8.6| | | |

h|9.1| | | |

k|9.7| | | |

k²|9.8| | | |

k³|10.1| | | |

a|8.2| | | |

b|9.3| | | |

c|9.4| | | |

d|9.3| | | |

e|9.8| | | |

Identification of a b c d + e have not been checked
d + e are not ones recorded by Prof. P. ?

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100

T' Plates.
Measures of faint stars g, h, k², k³ in Pol Seq. Also faint stars a b c d, e (20 + 75°)(Scale 32811)
Dec 11, 1907

	g	h	k ²	k ³	a	b	c	d	e
g	8.7	8.6	8.65	10					
h	9.3	9.1	9.20	1	1				
k	9.8	9.7	9.75	0	1				
k ²	9.9	9.8	9.85	10					
k ³	10.1	10.1	10.10	00					
a	8.3	8.2	8.25	10	8.8	8.75	10	0	0
b	9.3	9.3	9.30	00					
c	9.3	9.4	9.35	1	0				
d	9.2	9.3	9.25	01					
e	9.7	9.8	9.75	1	0				
g	8.6								
h	9.1								
k	9.7								
k ²	9.8								
k ³	10.1								
a	8.2								
b	9.3								
c	9.4								
d	9.3								
e	9.8								

*Identification of a b c d + e have not been checked
d + e are not ones recorded by Prof. P. ?*

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101

T' Plates.

Measures of faint stars g, h, k, $k^{[2]}$ + $k^{[3]}$ in Pol. Seq - also faint stars a b c d + e (14 40 +45)
(Scale 32811)

14^h[h] 40 +45

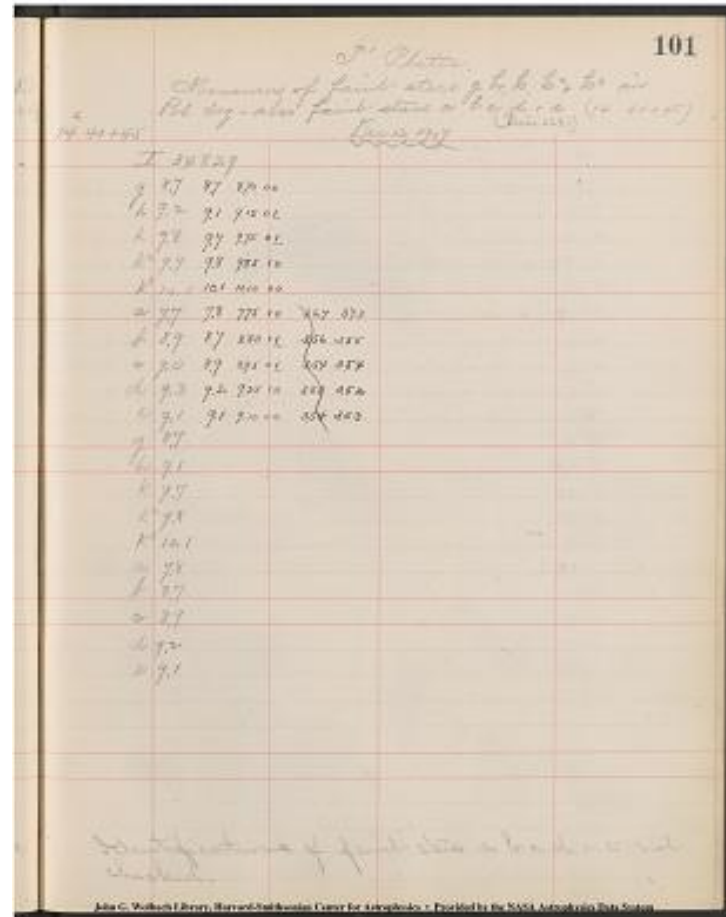
Dec 12, 1907

I34829

[4 columned table]

g	8.7	8.7	8.70	00	
h	9.2	9.1	9.15	0	<u>1</u>
k	9.8	9.7	9.75	0	<u>1</u>
$k^{[2]}$	9.9	9.8	9.85	10	
$k^{[3]}$	10.1	10.1	10.10	00	
a	7.7	7.8	7.75	10	3.67 3.73
b	8.9	8.7	8.80		
1	<u>9.0</u>	<u>8.9</u>	<u>8.95</u>		3.56 3.55
c	9.0	8.9	8.95		
0	<u>9.3</u>	<u>9.2</u>	<u>9.25</u>	10	3.54 3.54
d	9.3	9.2	9.25	10	3.53 3.52
e	9.1	9.1	9.10	00	3.54 3.53
g	8.7				
h	9.1				
k	9.7				
$k^{[2]}$	9.8				
$k^{[3]}$	10.1				
a	7.8				
b	8.7				
c	8.9				
d	9.2				
e	9.1				

Identification of faint stars a b e d + e not checked.
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102 J' Plates.
 Measures of faint stars g,h,k,k2+k3 in Polar seg. also a b c d + e (Scale 3 2 8 11)
 7h + 15 Dec 21, 1907
 I35046
 g 8.6 8.4 8.50 11
 h 9.0 8.9 8.95 01
 k 9.7 9.7 9.70 00
 k2 9.8 9.8 9.80 00
 k3 10.1 10.1 10.10 00
 a 8.9 8.7 8.80 01 3.68 3.79
 b 9.2 9.1 9.15 01 3.59
 c 8.6 8.6 8.60 00 3.77
 d 9.7 9.7 9.70 00 3.58
 e 8.6 8.7 8.65 01 3.75
 g 8.4
 h 8.9
 k 9.6
 k2 9.8
 k3 10.1
 a 8.7
 b 9.1
 c 8.6
 d 9.7
 e 8.7
 4 8.9
 5 8.0
 1 8.8
 2 7.8
 6 7.7
 10 9.0
 I35036
 16 8.7 8.6 8.7 8.67
 20 8.5 8.4 8.5 8.47
 22 8.7 8.8 8.7 8.73
 24 8.8 8.7 8.8 8.77
 21 7.7 7.8 7.7 7.73
 25 7.8 7.7 7.8 7.77
 4 8.9 8.8 8.9 8.87
 5 ~~[[scratched out]]~~ 8.0 8.1 8.0 8.03 ~~[[scratched out]]~~
 1 8.8 8.7 8.8 8.77
 2 7.8 7.7 7.8 7.77
 6 7.7 7.8 7.7 7.73
 10 9.0 8.9 9.0 8.97
 16 8.6
 20 8.4
 22 8.8
 21 7.8
 25 7.7
 24 8.7
 5 8.1
 4 8.8
 1 8.7
 2 7.7
 6 7.8
 10 8.9
 16 8.7
 20 8.5
 21 7.7
 22 8.7
 24 8.5

102

J' Plates

Measures of faint stars g,h,k,k2+k3 in Polar seg. also a b c d + e (Scale 3 2 8 11)

7h + 15 Dec 21, 1907

Star	g	h	k	k2+k3	a	b	c	d	e
g	8.6	8.4	8.50	11					
h	9.0	8.9	8.95	01					
k	9.7	9.7	9.70	00					
k2	9.8	9.8	9.80	00					
k3	10.1	10.1	10.10	00					
a	8.9	8.7	8.80	01	3.68	3.79			
b	9.2	9.1	9.15	01	3.59				
c	8.6	8.6	8.60	00	3.77				
d	9.7	9.7	9.70	00	3.58				
e	8.6	8.7	8.65	01	3.75				
g	8.4								
h	8.9								
k	9.6								
k2	9.8								
k3	10.1								
a	8.7								
b	9.1								
c	8.6								
d	9.7								
e	8.7								
4	8.9								
5	8.0								
1	8.8								
2	7.8								
6	7.7								
10	9.0								
I35036									
16	8.7	8.6	8.7	8.67					
20	8.5	8.4	8.5	8.47					
22	8.7	8.8	8.7	8.73					
24	8.8	8.7	8.8	8.77					
21	7.7	7.8	7.7	7.73					
25	7.8	7.7	7.8	7.77					
4	8.9	8.8	8.9	8.87					
5	[[scratched out]]	8.0	8.1	8.0 8.03 [[scratched out]]					
1	8.8	8.7	8.8	8.77					
2	7.8	7.7	7.8	7.77					
6	7.7	7.8	7.7	7.73					
10	9.0	8.9	9.0	8.97					
16	8.6								
20	8.4								
22	8.8								
21	7.8								
25	7.7								
24	8.7								
5	8.1								
4	8.8								
1	8.7								
2	7.7								
6	7.8								
10	8.9								
16	8.7								
20	8.5								
21	7.7								
22	8.7								
24	8.5								

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25 7.8

Identifications of a b c d + e not [[unknown]]

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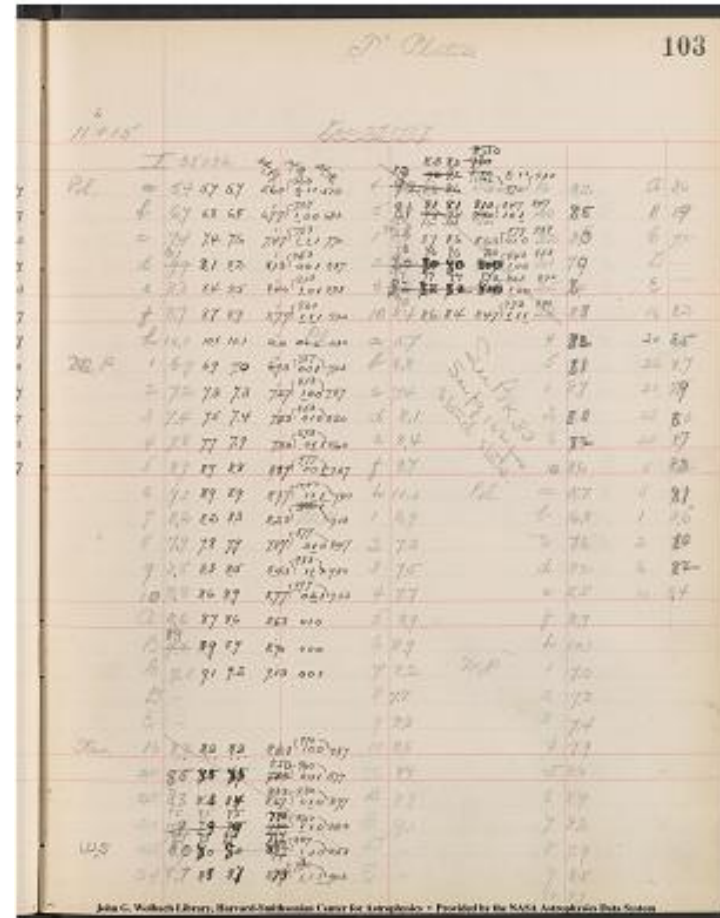
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or 32

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J' Plates. 103
 11h+15 Dec 27, 1907
 I35036 3d Pl 1st Pl 2d Pl
 Pol. a 5.4 5.7 5.7 5.60 563 211 5.10
 b 6.7 6.8 6.8 6.77 7.27 100 6.83
 c 7.4 7.4 7.6 7.47 7.83 111 7.70
 d 8.1 ~~[[scratched out]]~~ 7.9 ~~[[/scratched out]]~~ 8.1 8.2 8.138.53 001 8.57
 e 8.3 8.4 8.5 8.40 9.13 101 8.83
 f 8.7 8.7 8.9 8.77 9.60 111 9.20
 h 10.1 10.1 10.1 10.1 10.10 000 10.30
 M.P. 1 6.9 6.9 7.0 6.93 7.57 001 7.23
 2 7.2 7.3 7.3 7.27 8.13 100 7.87
 3 7.4 7.5 7.4 7.43 8.53 010 8.20
 4 7.8 7.7 7.9 7.80 8.73 011 8.60
 5 8.9 8.9 8.8 8.87 9.77 001 9.67
 6 9.1 8.9 8.9 8.97 10.00 111 9.80
 7 8.2 8.2 8.3 8.23 9.4801 9.13
 8 7.9 7.8 7.9 7.87 8.77 010 8.47
 9 8.5 8.3 8.5 8.43 9.83 111 9.30
 10 8.8 8.6 8.9 8.77 9.97 021 9.33
 A 8.6 8.7 8.6 8.63 010
 B 8.9 ~~[[scratched out]]~~ 9.2 ~~[[/scratched out]]~~
 C 9.1 9.1 9.2 9.13 001
 D -
 E -
 Stan. ~~[[scratched out]]~~ 16 8.3 8.2 8.2 8.23 970 100 8.87
 20 8.5 8.5 8.5 8.50 ~~[[crossed out]]~~ 7.83 ~~[[/crossed out]]~~ 9.60 001 8.77
 22 8.3 8.3 8.4 8.33 8.67 9.60 001 8.77
 21 7.5 7.5 7.5 ~~[[crossed out]]~~ 7.9 7.9 7.9 ~~[[/crossed out]]~~ ~~[[crossed out]]~~
 out]] 7.90 ~~[[/crossed out]]~~ ~~[[crossed out]]~~ 7.50 ~~[[/crossed out]]~~ 7.77 8.60
 110 8.23
 W.S. 25 7.7 7.7 7.7 ~~[[crossed out]]~~ 8.0 8.0 8.0 ~~[[/crossed out]]~~ 8.00
~~[[crossed out]]~~ 97 ~~[[/crossed out]]~~ 8.87 100 8.53 ~~[[/scratched out]]~~
 24 8.7 8.8 8.7 8.73 9.90 111 9.03
~~[[scratched out]]~~ 4 8.0 8.3 8.3 ~~[[crossed out]]~~ 9.2 9.2 9.2 8.6 8.6 8.30
 9.20 8.50 ~~[[/crossed out]]~~ 211 9.70 9.30
 5 8.1 8.1 8.1 8.10 ~~[[crossed out]]~~ 7.8 7.7 7.80 ~~[[/crossed out]]~~ 8.47 101
 8.47
 1 ~~[[crossed out]]~~ 8.8 ~~[[/crossed out]]~~ 8.7 8.6 8.63 9.77 010 9.37
 2 7.6 7.6 7.6 7.60 ~~[[crossed out]]~~ 80 80 8.0 8.00 ~~[[/crossed out]]~~ 843 100
 8.33
 6 7.7 7.7 7.7 7.70 ~~[[crossed out]]~~ 8.2 8.2 8.2 8.20 ~~[[/crossed out]]~~ 8.23 100
 8.30
 10 9.0 8.4 8.6 8.4 8.47 9.73 111 8.90 ~~[[/scratched out]]~~
 a 5.7
 b 6.8
 c 7.4
 d 8.1
 e 8.4
 f 8.7
 h 10.1
 16.9
 27.3
 37.5
 47.7
 58.9
 68.9
 78.2
 87.8
 98.3
 108.6



A 8.7
B 8.9
C 9.1
D -
E -
See BK 33
See pg 102 for stand stars

16 8.2
20 8.5
22 8.6
21 7.9
25 8.0
24 8.8
4 8.3
5 8.1
1 8.7
2 8.0
6 8.2
10 8.6

Pol. a 5.7
b 6.8
c 7.6
d 8.2
e 8.5
f 8.9
h 10.1

M.P 1 7.0
2 7.3
3 7.4
4 7.9
5 8.8
6 8.9
7 8.3
8 7.9
9 8.5
10 8.9

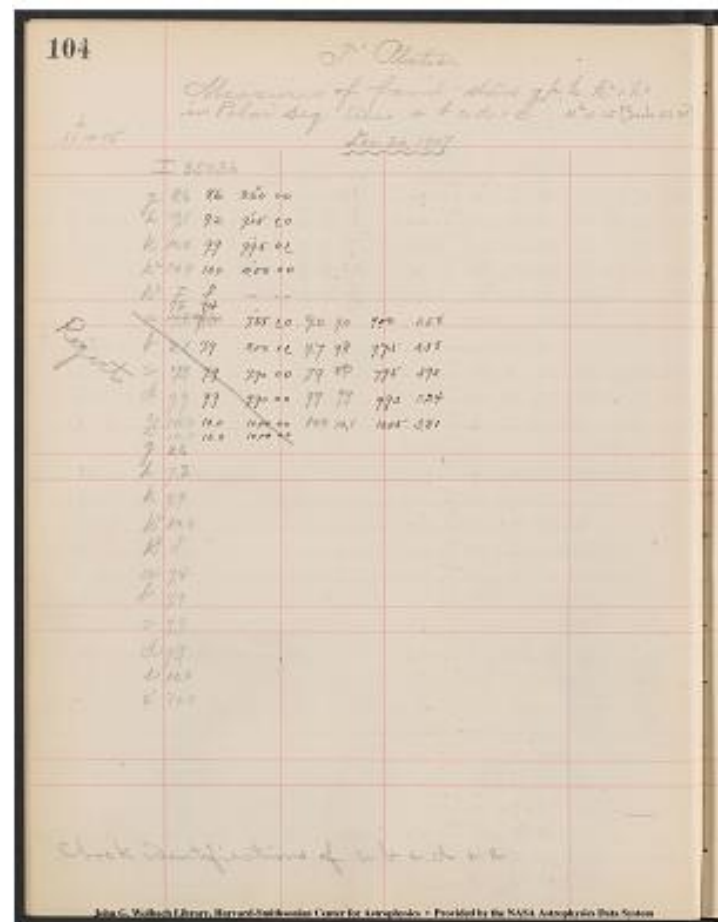
A 8.6
B 8.9
C 9.2
D -
E -

16 8.2
20 8.5
22 8.7
21 7.9
25 8.0
24 8.7
4 8.3
5 8.1
1 8.6
2 8.0
6 8.2
10 8.4

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104 J' Plates.
 Measures of fanit stars g h k k2+k3
 in Polar seg. Also a b c d + e 11h + 15 (Scale 3.2 8.11)
 11h+15 Dec 30, 1907
 I35036
 g 8.6 8.6 8.60 00
 h 9.1 9.2 9.15 10
 k 10.0 9.9 9.95 01
 k2 10.0 10.0 10.00 00
 k3 F F --
 Reject
 [[scratched out]] a 7.3 7.4 [[crossed out]] 7.8 7.3 [[/crossed out]] 7.35 10
 [[/scratched out]] 9.0 9.0 9.00 3.58
 [[scratched out]] b 8.1 7.9 8.00 11 [[/scratched out]] 9.7 9.8 9.75 3.38
 [[scratched out]] c 7.9 7.9 7.90 00 [[/scratched out]]
 7.9 8.0 7.95 3.93
 [[scratched out]] d 9.9 9.9 9.90 00 [[/scratched out]] 9.9 9.9 9.90 3.34
 [[scratched out]] e 10.0 10.0 10.00 00 [[/scratched out]] 10.0 10.1 10.05
 3.31
 [[scratched out]] e' 10.0 10.0 10.00 00 [[/scratched out]]
 g 8.6
 h 9.2
 k 9.9
 k2 10.0
 k3 F
 a 7.4
 b 7.9
 c 7.9
 d 9.9
 e 10.0
 e' 10.0
 Check identifications of a b c d + e
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105

T' Plates

9h 20m +45°

Jan 21, 1908

I27925

3d PI 1st PI 2d PI

Pol. a 5.1 5.0 5.1 5.07 5.23 010 5.10 +44 1853

b 6.5 6.5 6.4 6.47 6.70 001 6.40 +44 1862

c 7.4 7.4 7.4 7.37 7.27 001 7.13 +44 1869

d 8.3 8.4 8.3 8.33 7.90 010 8.13 +44 1876

e 8.5 8.6 8.6 8.57 8.20 100 8.43 +43 1920

f 8.9 9.0 8.9 8.93 8.60 010 8.87 +43 1901

h 10.1 10.1 10.0 10.07 9.87 001 9.87

k 10.25

M.P 1 7.1 7.1 7.1 7.10 7.03 000 6.93

Left image 2 7.7 7.6 7.8 7.70 7.37 011 7.47

3 7.9 7.9 7.9 7.90 7.70 000 7.73

4 7.8 7.6 7.6 7.67 7.30 111 7.27

5 8.1 8.1 8.0 8.04 7.93 001 8.03

6 8.8 8.9 8.7 8.80 8.67 011 8.83

7 8.2 8.3 8.2 8.23 8.07 010 8.13

8 7.2 7.1 7.2 7.17 6.93 010 6.97

9 8.9 8.9 8.9 8.90 8.63 000 8.80

10 8.8 8.8 8.8 8.80 8.33 000 8.60

A 9.6 9.7 9.7 9.67 9.63 100 9.63

B 9.5 9.7 9.6 9.60 9.57 110 9.53

C 9.9 9.9 9.9 9.90 9.73 000 9.77

D 10.1 10.1 10.0 10.07 9.90 001 10.07

E F F F -- 9.90 -- 9.97

Project PHaEDRA - Evelyn F. Leland - Search for variables; measures #31 or 32
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107

Measures of faint stars g. h k k² + k³ in Palain seq - also a. b. c d + e
(Seale 32811)

h
4 + 75[degree] Jan 4, 1908

l32132

g 8.7 8.7 8.70 00

h 9.3 9.3 9.30 00

k 9.8 9.7 9.75 0 1

k² 9.9 9.8 9.85 10

k³ 10.1 10.1 10.10 00

a 8.1 8.1 8.10 00

b 7.9 8.0 7.95 1

c ~~9.7~~ 9.5 ~~9.5~~ 00

d 9.9 9.9 9.90 00

e 9.9 9.9 9.90 00

g 8.7

h 9.3

k 9.7

k² 9.8

k³ 10.1

a 8.1

b 8.0

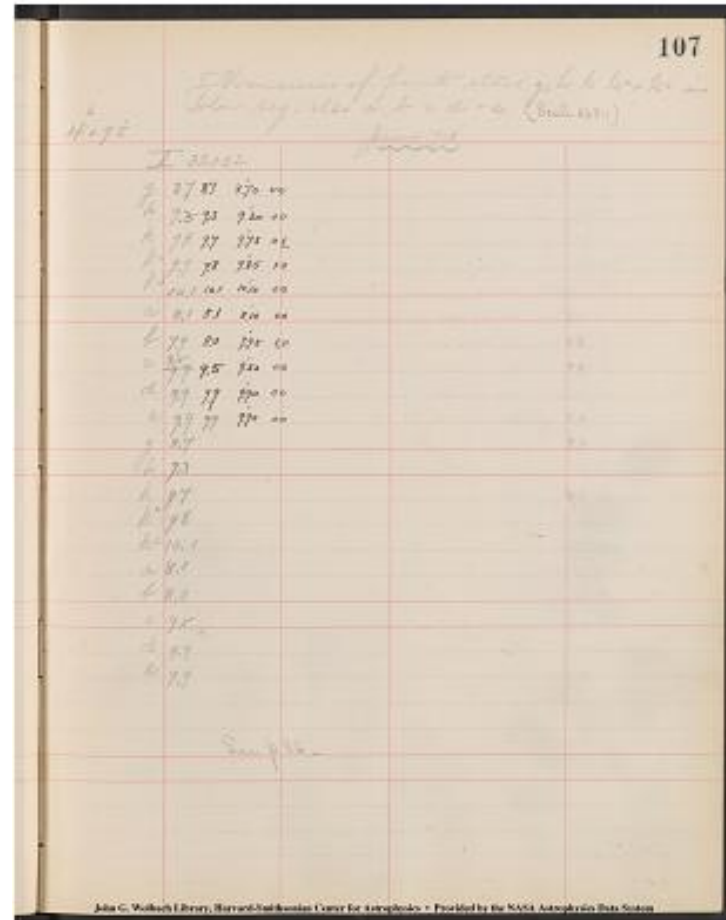
c 9.5

d 9.9

e 9.9

See p86_

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109

Measures of Faint Stars g, h, k, k², k³ in Polar Seq - also a, b, c, d, e
(Scale 32811)

20^h + 75
Jan 6, 1908

l28836
g 8.3 8.3 8.30 00
h 8.7 8.7 8.70 00
k 9.3 9.2 9.25 10
k² 9.3 9.3 9.30 00
k³ 9.7 9.8 9.75 10
a 7.7 7.5 7.60 11
b 8.8 8.5 8.65 21
c 8.7 8.5 8.60 11
d 8.8 8.4 8.60 10
e 9.~~7~~ 9.8 9.55 10
g 8.3
h 8.7
k 9.2
k² 9.3
k³ ~~9.8~~ 9.8
a 7.5
b 8.5
c 8.5
d 8.4
e 9.8

See p 100

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109

Measures of faint stars in Polar Seq - also a, b, c, d, e (Scale 32811)

20^h + 75 Jan 6, 1908

g	8.3	8.3	8.30	00
h	8.7	8.7	8.70	00
k	9.3	9.2	9.25	10
k ²	9.3	9.3	9.30	00
k ³	9.7	9.8	9.75	10
a	7.7	7.5	7.60	11
b	8.8	8.5	8.65	21
c	8.7	8.5	8.60	11
d	8.8	8.4	8.60	10
e	9.	9.8	9.55	10
g	8.3			
h	8.7			
k	9.2			
k ²	9.3			
k ³	9.8	9.8		
a	7.5			
b	8.5			
c	8.5			
d	8.4			
e	9.8			

Jan 6, 1908

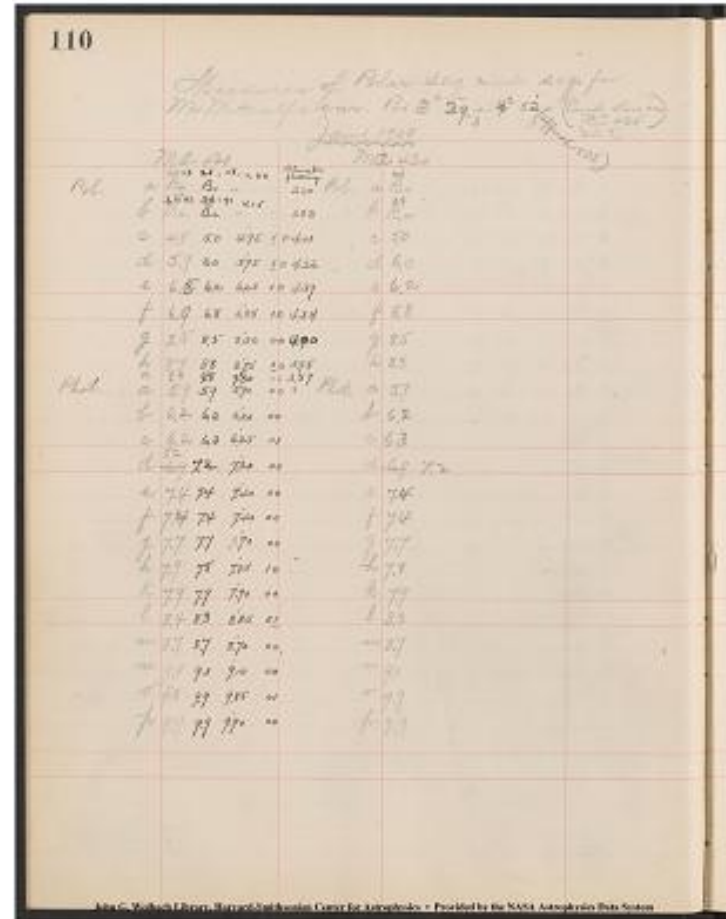
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110

Measures of Polar seg and seg for Mr. Metcalfs var. Pos
 overwriten]]3[[/overwriten]]4[[/overwriten]]3^[[h]][[/overwrit
 ten]]3[[/overwriten]]2^[[n]]q,+^[[3]][[/overwriten]]5[[/overwriten]]4^52'
 (approx1855)(Comp stars on MA430)scale C
 [[/underscore]]Jan 1, 1908[[/underscore]]
 |MA430|MA430|
 |2.1=2.8 2.1=2.8=2.80|Values for plotting| 2.1|
 Pol. a|Br Br -|3.60|Pol. a|Br|
 |3.5=4.2 3.4=4.1 4.15| |3.4|
 b|Br. Br. -|3.83|b|Br|
 c|4.9|5.0|4.95|[[/underscore]]1[[/underscore]]0|4.01|c|5.0|
 6.0|5.95|[[/underscore]]1[[/underscore]]0|4.26|d|6.0|
 e|6.1[[/overwriten]]2[[/overwriten]]5|6.2|6.25|10|4.39|e|6.2|
 f|6.9|6.8|6.^[[/]]85|10|4.34|f|6.8|
 g|8.5|8.5|8.^[[/]]50|00|[[/overwriten]]3.9|[[/overwriten]]4.00|g|8.5|
 h|8.7|8.8|8.^[[/]]75|h|8.8|
 [[/underscore]]1[[/underscore]]0|3.95|h|8.8|
 k|9.8|9.8|9.8^[[/]]0|00|3.57| |
 Phot. a|5.9|5.9|5.90|00|2|Phot.a|5.9|
 b|6.2|6.2|6.2^[[/]]0|00| |b|6.1[[/overwriten]]1[[/overwriten]]2|
 c|6.2|6.3|6.^[[/]]25|01| |c|6.3|
 d|[[/Strikethrough]]6.9|[[/Strikethrough]]7.2|7.2|7.^[[/]]20|00|
 d|[[/Strikethrough]]6.9|[[/Strikethrough]]7.2|
 e|7.4|7.4|7.^[[/]]40|00| |e|7.1[[/overwriten]]0[[/overwriten]]4|
 f|7.1[[/overwriten]]2[[/overwriten]]4|7.4|7.^[[/]]40|00| |f|7.4|
 g|7.7|7.7|7.^[[/]]70|00| |g|7.7|
 h|7.9|7.8|7.^[[/]]85|10| |h|7.8|
 k|7.9|7.9|7.^[[/]]90|00| |k|7.9|
 l|8.4|8.3|8.^[[/]]35|0|[[/underscore]]1[[/underscore]] |l|8.3|
 m|8.7|8.7|8.^[[/]]70|00| |m|8.7|
 n|9.1|9.1|9.^[[/]]10|00| |n|9.1|
 o|9.8|9.9|9.^[[/]]85|01| |o|9.9|
 p|9.99|9.9^[[/]]90|00| |p|9.9|

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Ms Metcalf's variable (cont)
Jan 2, 1908 (Scale "C")
MA 426

{LEFT COLUMN}

Pol. a| 2.2 2.9 2.1 = 2.85
Br. Br - = 3.55
b| 3.4 4.1 3.5 = {{ST}} 4.45 {{ST}} 4.15
Br. Br - {{ST}} 4.53 {{ST}} 3.83
c| 5.1 5.1 5.10 3.86
d| 6.3 6.2 6.25 3.96
e| 6.6 6.6 6.60 4.04
f| 7.2 7.1 7.15 4.04
g| 8.7 8.5 8.60 3.90
h| 8.9 8.8 8.85 3.85
k| 9.7 9.7 9.70 3.57

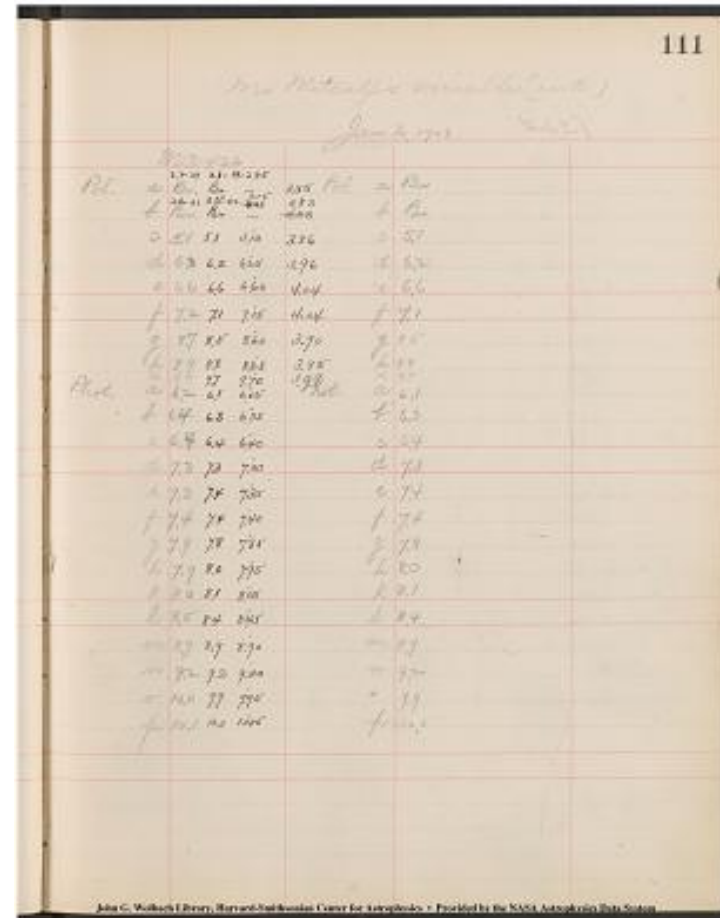
Phot. a| 6.2 6.1 6.15
b| 6.4 6.3 6.35
c| 6.4 6.4 6.40
d| 7.3 7.3 7.30
e| 7.3 7.4 7.35
f| 7.4 7.4 7.40
g| 7.9 7.8 7.85
h| 7.9 8.0 7.95
k| 8.0 8.1 8.05
l| 8.5 8.5 8.45
m| 8.9 8.9 8.90
n| 9.2 9.2 9.20
o| 10.0 9.9 9.95
{{?}} f| 10.1 10.0 10.05

{RIGHT COLUMN}

Pol. a| Br
b| Br
c| 5.1
d| 6.2
e| 6.6
f| 7.1
g| 8.5
h| 8.8
K| 9.7

Phot. a| 6.1
b| 6.3
c| 6.4
d| 7.3
e| 7.4
f| 7.4
g| 7.8
h| 8.0
k| 8.1
l| 8.4
m| 8.9
n| 9.2
o| 9.9
{{?}} f| 10.0

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112

T' Plates.

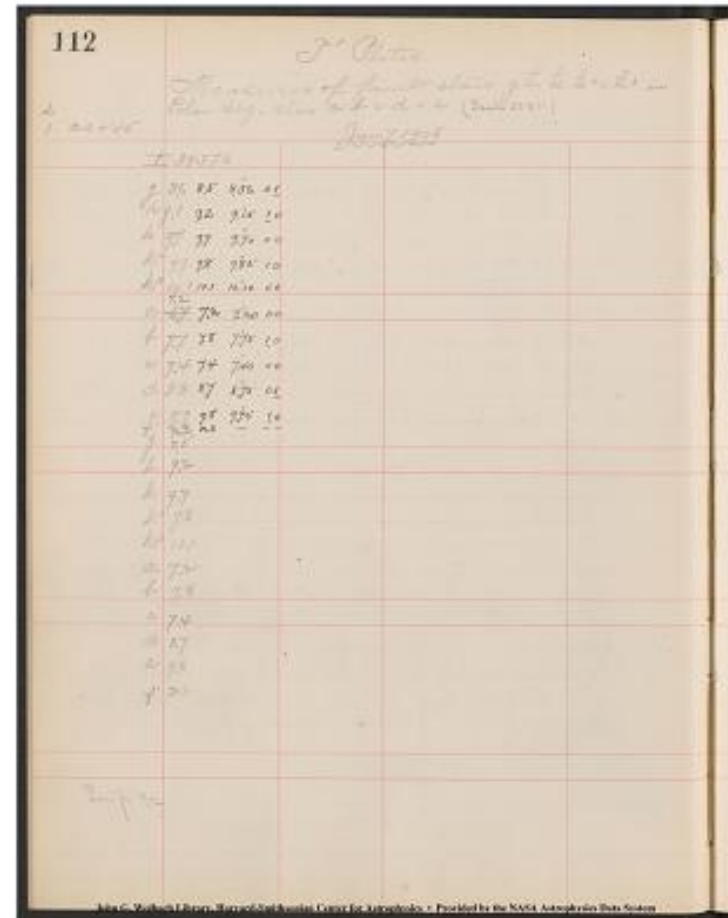
Measures of faint stars g h k k^{[[2]]} & k^{[[3]]} in Polar seq. also a b c d & e (Scale 32811)

1^{[[h]]} 20 + 45 Jan 7, 1908

I 34376

g	8.6	8.5	8.56	0	<u>1</u>
h	9.1	9.2	9.15	<u>1</u>	<u>0</u>
k	9.7	9.7	9.70	00	
k ^{[[2]]}	9.9	9.8	9.85	10	
k ^{[[3]]}	10.1	10.1	10.10	00	
a	6.7	6.7	6.7	7.2	7.2 7.20 00
b	7.7	7.8	7.75	10	
c	7.4	7.4	7.40	00	
d	8.8	8.7	8.75	01	
e	9.7	9.8	9.75	10	
f	n.s				
g	8.5				
h	9.2				
k	9.7				
k ^{[[2]]}	9.8				
k ^{[[3]]}	10.1				
a	7.2				
b	7.8				
c	7.4				
d	8.7				
e	9.8				
f	n.s				
[[?]]	92				

See p 92



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113

T' Plates.

Measures of faint stars g h k k² & k³ in Polar seq. also a b c d & e (Scale 32811)

Jan 7, 1908

4^h +45

I~~279.48~~32989

[7 columned table]

g|8.7|8.6|8.65|10|

h|9.1|9.1|9.10|00|

k|9.7|9.7|9.70|00|

k²|9.8|9.8|9.80|00|

k³|10.0|10.1|10.05|01Curve|

Double|a|8.2|8.3|8.25|01|3.80|

b|9.3|9.2|9.25|10|3.55|

c|~~9.7~~|9.3|9.3|9.30|00|3.55|

d|9.7|9.5|9.60|11|3.57|

e|9.8|9.9|9.85|01|

g|8.6|

h|9.1|

k|9.7|

k²|9.8|

k³|10.1|

a|8.3|

b|9.2|

c|9.3|

d|9.5|

e|9.9|

113

T' Plates

Measures of faint stars g h k k² & k³ in Polar seq. also a b c d & e (Scale 32811)

Jan 7, 1908

4^h +45

I~~279.48~~32989

[7 columned table]

g|8.7|8.6|8.65|10|

h|9.1|9.1|9.10|00|

k|9.7|9.7|9.70|00|

k²|9.8|9.8|9.80|00|

k³|10.0|10.1|10.05|01Curve|

Double|a|8.2|8.3|8.25|01|3.80|

b|9.3|9.2|9.25|10|3.55|

c|~~9.7~~|9.3|9.3|9.30|00|3.55|

d|9.7|9.5|9.60|11|3.57|

e|9.8|9.9|9.85|01|

g|8.6|

h|9.1|

k|9.7|

k²|9.8|

k³|10.1|

a|8.3|

b|9.2|

c|9.3|

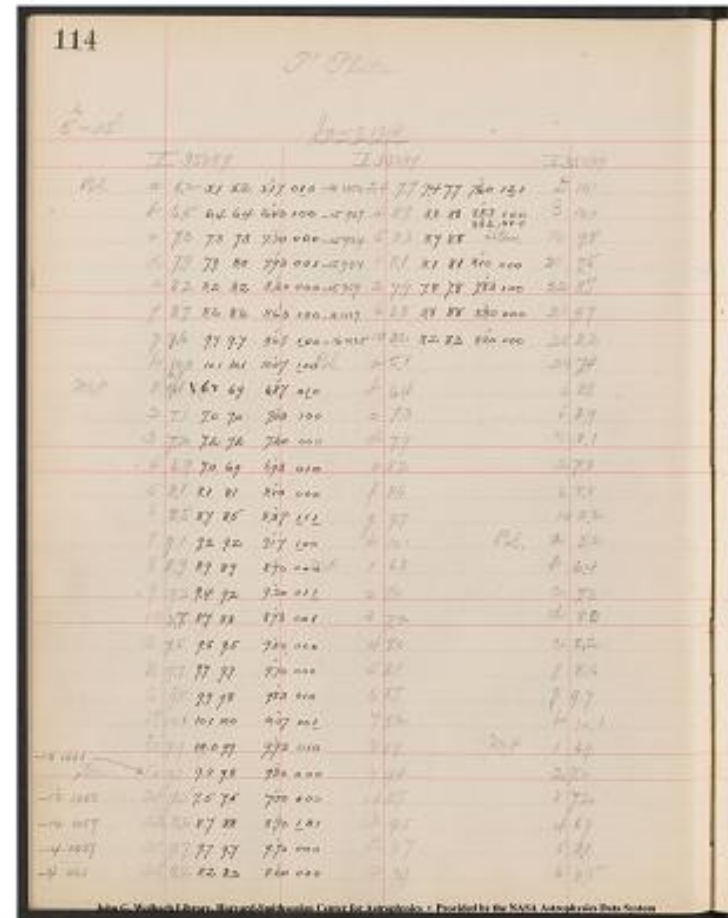
d|9.5|

e|9.9|

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114
 T' Plates
 Jan 9, 1908
 I35089 I35089 I35089
 Pol.
 a 5.2 5.1 5.2 5.17 010 -141002 2.4 7.7 7.4 7.7 7.6 121 D101
 b 6.5 6.4 6.4 6.43 100-15907 4.89 8.8 8.8 8.83 100 8.83 010 E 10.0
 c 7.3 7.3 7.3 7.30 000-15924 5 8.8 8.9 8.8 Stars 16 9.8
 d 7.9 7.9 8.0 7.93 001-15944 1 8.1 8.1 8.1 8.10 000 20 7.5
 e 8.2 8.2 8.2 8.20 000-15959 2 7.9 7.8 7.8 7.83 100 22 8.7
 f 8.7 8.6 8.6 8.63 100-161037 6 8.8 8.8 8.8 8.80 000 21 9.7
 g 9.6 9.7 9.7 9.67 100-161025 10 8.2 8.2 8.2 8.20 000 25 8.2
 h 10.0 10.1 10.1 10.01 100 Pol a 5.1 24 7.4
 m.p 1 ~~7.1~~ ~~6.9~~ 6.8 6.9 6.87 010 b 6.4 4
 8.8
 2 7.1 7.0 7.0 7.03 100 c 7.3 5 8.9
 3 7.2 7.2 7.2 7.20 000 d 7.9 1 8.1
 4 6.9 7.0 6.9 6.93 010 e 8.2 2 7.8
 5 8.1 8.1 8.1 8.10 000 f 8.6 6 8.8
 6 8.5 8.7 8.5 8.57 111 g 9.7 10 8.2
 7 9.1 9.2 9.2 9.17 100 h 10.1 Pol. a 5.2
 8 8.9 8.9 8.9 8.90 000 m.p 1 6.8 b 6.4
 9 9.3 9.4 9.2 9.30 011 2 7.0 c 7.3
 10 8.7 8.7 8.8 8.73 001 3 7.2 d 8.0
 a 9.5 9.5 9.5 9.50 000 4 7.0 e 8.2
 B 9.7 9.7 9.7 9.70 000 5 8.1 f 8.6
 C 9.8 9.9 9.8 9.83 010 6 8.7 g 9.7
 D 10.1 10.1 10.0 10.07 001 7 9.2 h 10.1
 E 9.9 10.0 9.9 9.93 010 8 8.9 m.p 1 6.9
 -13 1060 Stars 16 9.8 9.8 9.8 9.80 000 9 9.4 2 7.0
 -13 1050 20 7.5 7.5 7.5 7.80 000 10 8.7 3 7.2
 -14 1059 22 8.6 8.7 8.8 8.70 101 a 9.5 4 6.9
 -14 1037 21 9.7 9.7 9.7 9.70 000 B 9.7 5 8.1
 -14 1021 25 8.2 8.2 8.2 8.20 000 C 9.9 6 8.5
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T'Plates
 5-15 Jan 9, 1908 (Seal, 32811)
 I35089 Faint Slats. I35089. Faint Slats
 I28190
 g8.5 8.4 8.4510

7.92
 88.9
 99.2
 108.8
 a 95
 B 9.7
 C 9.8
 D 10.0
 E 9.9
 16 9.8
 20 75
 22 8.8
 21 9.7
 25 8.2
 24 7.7
 4 8.8
 5 8.8
 18.1
 2 7.8
 6 8.8
 10 8.2

Have measured the left hand half of the images for M.P and Standard sequences could not separate them and really should have a better plate.

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115

T'Plates

5-15 Jan 9, 1908 (Seal, 32811)

5-15	Jan 9, 1908	(Seal, 32811)
7.92	88.9	99.2
108.8	a 95	B 9.7
a 95	B 9.7	C 9.8
B 9.7	C 9.8	D 10.0
C 9.8	D 10.0	E 9.9
D 10.0	E 9.9	16 9.8
E 9.9	16 9.8	20 75
16 9.8	20 75	22 8.8
20 75	22 8.8	21 9.7
22 8.8	21 9.7	25 8.2
21 9.7	25 8.2	24 7.7
25 8.2	24 7.7	4 8.8
24 7.7	4 8.8	5 8.8
4 8.8	5 8.8	18.1
5 8.8	18.1	2 7.8
18.1	2 7.8	6 8.8
2 7.8	6 8.8	10 8.2

I have measured the left hand half of the
 images for M.P and Standard sequences could
 not separate them and really should have
 a better plate.

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116
 T' Plates
 12^[[h]]+45 [[Jan 13, 1908]]
 I35090
 Pol|a|5.7|5.7|5.7|000|25|9.2|9.3|9.2|9.23|000|B|9.7|
 ||b|6.9|7.0|7.0|6.97|100|20|8.3|8.4|8.5|8.40|101|C|9.9|
 c|7.5|7.7|7.6|7.60|110|2|9.3|9.3|9.2|9.27|001|D|10.1|
 d|8.3|8.2|8.2|8.23|100|5|9.4|9.2|9.1|9.23|201|E|10.2|
 e|8.5|8.5|8.5|8.50|000|1|8.9|8.9|8.8|Star^[[8.87]]|001|16|9.3|
 f|8.9|8.9|8.8|8.84|001|10|9.5|9.7|9.5|9.57|111|20|8.4|
 g|9.7|9.8|9.7|9.73|010|6|9.8|9.7|9.8|9.77|010|22|8.9|
 h|10.2|10.2|10.1|10.17|001|4|9.3|9.4|9.5|9.40|101|21|8.2|
 MP|1|6.9|6.8|6.9|6.84|010|Pol|a|5.7|25|9.3|
 2|7.2|7.3|7.2|7.23|010|b|7.0|24|8.4|
 3|8.3|8.2|8.3|8.27|010|c|7.7|4|9.3|
 4|8.7|8.6|8.7|8.67|010|d|8.2|5|9.2|
 5|8.7|8.7|8.7|8.70|000|e|8.5|1|8.9|
 6|8.8|8.7|8.7|8.73|100|f|8.9|2|9.7|
 7|9.1|8.9|8.9|8.97|111|g|9.8|6|9.7|
 8|~~[[7.7|7.7|7.7|7.73|010|h|7.5|7.3|7.5|~~
 7.43|111|h|10.2|10|9.4|
 9|7.7|7.6|7.7|7.64|010|MP|1|6.8|Pol|a|5.7|
 10|8.7|8.7|8.7|8.70|000|2|7.3|b|7.0|
 A|9.5|9.4|9.4|9.43|100|3|8.2|c|7.6|
 B|9.9|9.7|9.7|9.77|111|4|8.6|d|8.2|
 C|10.1|9.9|9.9|9.97|111|5|8.4|e|8.5|
 D|10.2|10.1|10.1|10.13|100|6|8.7|f|8.8|
 E|10.2|10.2|10.1|10.17|001|7|8.9|g|9.7|
 Star|16|9.3|9.3|9.1|9.23|111|8|9.3|h|10.1|
 24|8.6|8.4|8.6|8.53|111|9|7.6|MP|1|6.9|
 22|9.0|8.9|9.1|9.00|011|10|8.7|2|7.2|
 21|8.1|8.2|8.1|8.13|010|A|9.4|3|8.3|
 4|8.7|

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P' Plates

Jan 13, 1908

<i>Pol</i>	<i>a</i>	<i>5.7</i>	<i>5.7</i>	<i>5.7</i>	<i>000</i>	<i>25</i>	<i>9.2</i>	<i>9.3</i>	<i>9.2</i>	<i>9.23</i>	<i>000</i>	<i>B</i>	<i>9.7</i>
<i>b</i>	<i>6.9</i>	<i>7.0</i>	<i>7.0</i>	<i>6.97</i>	<i>100</i>	<i>20</i>	<i>8.3</i>	<i>8.4</i>	<i>8.5</i>	<i>8.40</i>	<i>101</i>	<i>C</i>	<i>9.9</i>
<i>c</i>	<i>7.5</i>	<i>7.7</i>	<i>7.6</i>	<i>7.60</i>	<i>110</i>	<i>2</i>	<i>9.3</i>	<i>9.3</i>	<i>9.2</i>	<i>9.27</i>	<i>001</i>	<i>D</i>	<i>10.1</i>
<i>d</i>	<i>8.3</i>	<i>8.2</i>	<i>8.2</i>	<i>8.23</i>	<i>100</i>	<i>5</i>	<i>9.4</i>	<i>9.2</i>	<i>9.1</i>	<i>9.23</i>	<i>201</i>	<i>E</i>	<i>10.2</i>
<i>e</i>	<i>8.5</i>	<i>8.5</i>	<i>8.5</i>	<i>8.50</i>	<i>000</i>	<i>1</i>	<i>8.9</i>	<i>8.9</i>	<i>8.8</i>	<i>Star</i>	<i>[[8.87]]</i>	<i>001</i>	<i>16</i>
<i>f</i>	<i>8.9</i>	<i>8.9</i>	<i>8.8</i>	<i>8.84</i>	<i>001</i>	<i>10</i>	<i>9.5</i>	<i>9.7</i>	<i>9.5</i>	<i>9.57</i>	<i>111</i>	<i>20</i>	<i>8.4</i>
<i>g</i>	<i>9.7</i>	<i>9.8</i>	<i>9.7</i>	<i>9.73</i>	<i>010</i>	<i>6</i>	<i>9.8</i>	<i>9.7</i>	<i>9.8</i>	<i>9.77</i>	<i>010</i>	<i>22</i>	<i>8.9</i>
<i>h</i>	<i>10.2</i>	<i>10.2</i>	<i>10.1</i>	<i>10.17</i>	<i>001</i>	<i>4</i>	<i>9.3</i>	<i>9.4</i>	<i>9.5</i>	<i>9.40</i>	<i>101</i>	<i>21</i>	<i>8.2</i>
<i>MP</i>	<i>1</i>	<i>6.9</i>	<i>6.8</i>	<i>6.9</i>	<i>6.84</i>	<i>010</i>	<i>Pol</i>	<i>a</i>	<i>5.7</i>	<i>25</i>	<i>9.3</i>		
<i>2</i>	<i>7.2</i>	<i>7.3</i>	<i>7.2</i>	<i>7.23</i>	<i>010</i>	<i>b</i>	<i>7.0</i>	<i>24</i>	<i>8.4</i>				
<i>3</i>	<i>8.3</i>	<i>8.2</i>	<i>8.3</i>	<i>8.27</i>	<i>010</i>	<i>c</i>	<i>7.7</i>	<i>4</i>	<i>9.3</i>				
<i>4</i>	<i>8.7</i>	<i>8.6</i>	<i>8.7</i>	<i>8.67</i>	<i>010</i>	<i>d</i>	<i>8.2</i>	<i>5</i>	<i>9.2</i>				
<i>5</i>	<i>8.7</i>	<i>8.7</i>	<i>8.7</i>	<i>8.70</i>	<i>000</i>	<i>e</i>	<i>8.5</i>	<i>1</i>	<i>8.9</i>				
<i>6</i>	<i>8.8</i>	<i>8.7</i>	<i>8.7</i>	<i>8.73</i>	<i>100</i>	<i>f</i>	<i>8.9</i>	<i>2</i>	<i>9.7</i>				
<i>7</i>	<i>9.1</i>	<i>8.9</i>	<i>8.9</i>	<i>8.97</i>	<i>111</i>	<i>g</i>	<i>9.8</i>	<i>6</i>	<i>9.7</i>				
<i>8</i>	<i>[[7.7 7.7 7.7 7.73 010 h 7.5 7.3 7.5 </i>												
<i>7.43</i>	<i>111</i>	<i>h</i>	<i>10.2</i>	<i>10</i>	<i>9.4</i>								
<i>9</i>	<i>7.7</i>	<i>7.6</i>	<i>7.7</i>	<i>7.64</i>	<i>010</i>	<i>MP</i>	<i>1</i>	<i>6.8</i>	<i>Pol</i>	<i>a</i>	<i>5.7</i>		
<i>10</i>	<i>8.7</i>	<i>8.7</i>	<i>8.7</i>	<i>8.70</i>	<i>000</i>	<i>2</i>	<i>7.3</i>	<i>b</i>	<i>7.0</i>				
<i>A</i>	<i>9.5</i>	<i>9.4</i>	<i>9.4</i>	<i>9.43</i>	<i>100</i>	<i>3</i>	<i>8.2</i>	<i>c</i>	<i>7.6</i>				
<i>B</i>	<i>9.9</i>	<i>9.7</i>	<i>9.7</i>	<i>9.77</i>	<i>111</i>	<i>4</i>	<i>8.6</i>	<i>d</i>	<i>8.2</i>				
<i>C</i>	<i>10.1</i>	<i>9.9</i>	<i>9.9</i>	<i>9.97</i>	<i>111</i>	<i>5</i>	<i>8.4</i>	<i>e</i>	<i>8.5</i>				
<i>D</i>	<i>10.2</i>	<i>10.1</i>	<i>10.1</i>	<i>10.13</i>	<i>100</i>	<i>6</i>	<i>8.7</i>	<i>f</i>	<i>8.8</i>				
<i>E</i>	<i>10.2</i>	<i>10.2</i>	<i>10.1</i>	<i>10.17</i>	<i>001</i>	<i>7</i>	<i>8.9</i>	<i>g</i>	<i>9.7</i>				
<i>Star</i>	<i>16</i>	<i>9.3</i>	<i>9.3</i>	<i>9.1</i>	<i>9.23</i>	<i>111</i>	<i>8</i>	<i>9.3</i>	<i>h</i>	<i>10.1</i>			
<i>24</i>	<i>8.6</i>	<i>8.4</i>	<i>8.6</i>	<i>8.53</i>	<i>111</i>	<i>9</i>	<i>7.6</i>	<i>MP</i>	<i>1</i>	<i>6.9</i>			
<i>22</i>	<i>9.0</i>	<i>8.9</i>	<i>9.1</i>	<i>9.00</i>	<i>011</i>	<i>10</i>	<i>8.7</i>	<i>2</i>	<i>7.2</i>				
<i>21</i>	<i>8.1</i>	<i>8.2</i>	<i>8.1</i>	<i>8.13</i>	<i>010</i>	<i>A</i>	<i>9.4</i>	<i>3</i>	<i>8.3</i>				
<i>4</i>	<i>8.7</i>												

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T' Plates,

L

12+45 Jan 13, 1908 (Scale 32811)

135090 I | 35090 Fault stars

[5|8.7|g|8.6 8.5 8.56|
 [6|8.7|h|9.3 9.1 9.20|
 [4|8.9|k|9.9 9.8 9.85|
 [8|7.5|k[[Superscript]2[Superscript]]|10.1 9.8 9.90|
 [9|7.7|k[[Superscript]3[Superscript]]|10.3 10.2 10.25|
 [10|8.7|a|7.9 8.1 8.00 3.95|
 [a|9.4|b|8.5 8.6 8.55 3.43|
 [B|9.7|c|9.0 8.9 8.95 3.54|
 [c|9.9|d|9.3 9.3 9.30 3.46|
 [D|10.1|e|9.4 9.5 9.45 3.45|
 [E|10.1|g|8.5|

|Star 16|9.1|h|9.1|

[20|8.6|k|9.8|

[22|9.1|k[[Superscript]2[Superscript]]|9.8|

[21|8.1|k[[Superscript]3[Superscript]]|10.2|

[25|9.2|a|8.1|

[24|8.5|b|8.6|

[4|9.2|c|8.9|

[5|9.1|d|9.3|

[1|8.8|e|9.5|

[2|9.5|

[6|9.8|

[10|9.5|

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117

12+45 Jan 13, 1908 (Scale 32811)

135090 I | 35090 Fault stars

[5|8.7|g|8.6 8.5 8.56|
 [6|8.7|h|9.3 9.1 9.20|
 [4|8.9|k|9.9 9.8 9.85|
 [8|7.5|k[[Superscript]2[Superscript]]|10.1 9.8 9.90|
 [9|7.7|k[[Superscript]3[Superscript]]|10.3 10.2 10.25|
 [10|8.7|a|7.9 8.1 8.00 3.95|
 [a|9.4|b|8.5 8.6 8.55 3.43|
 [B|9.7|c|9.0 8.9 8.95 3.54|
 [c|9.9|d|9.3 9.3 9.30 3.46|
 [D|10.1|e|9.4 9.5 9.45 3.45|
 [E|10.1|g|8.5|

|Star 16|9.1|h|9.1|

[20|8.6|k|9.8|

[22|9.1|k[[Superscript]2[Superscript]]|9.8|

[21|8.1|k[[Superscript]3[Superscript]]|10.2|

[25|9.2|a|8.1|

[24|8.5|b|8.6|

[4|9.2|c|8.9|

[5|9.1|d|9.3|

[1|8.8|e|9.5|

[2|9.5|

[6|9.8|

[10|9.5|

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T' Plates.

5h +15

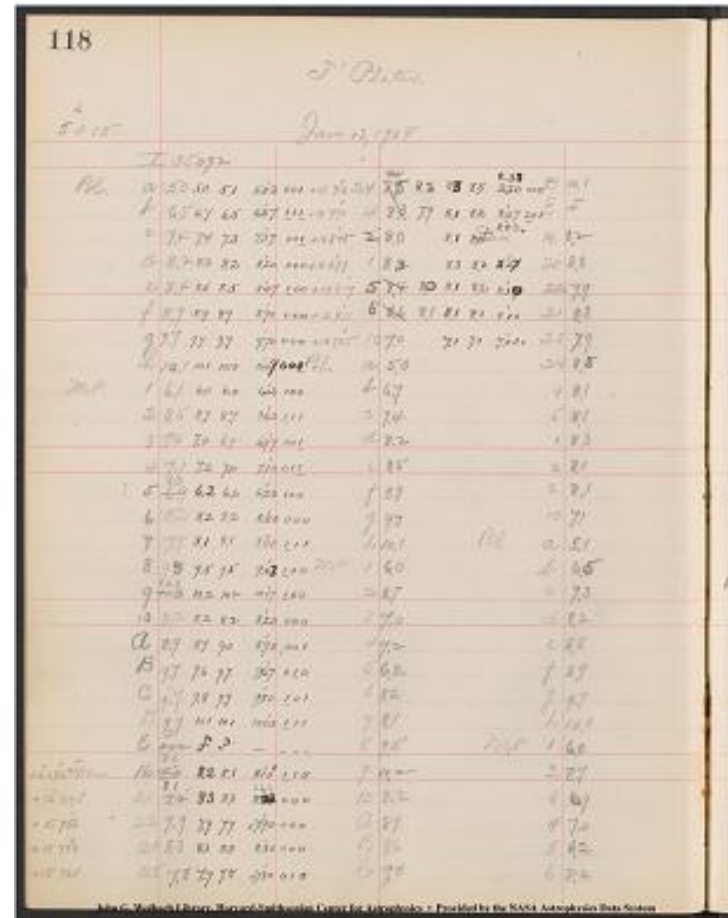
Jan. 13, 1908

I35092

[[left margin]] Pol. [[/left margin]] a | 5.0 5.0 5.1 5.03^[[]] 001 +15 716^[[]]
b | 6.5 6.7 6.5 6.57^[[]] 1 1 1
[[/underlined]] +14 790^[[]]
c | 7.4 7.4 7.3 7.37^[[]] 00 1 1 1 +14 845^[[]]
d | 8.2 8.2 8.2 8.20^[[]] 000 +14 837
e | 8.4 8.5 8.5 8.47^[[]] 1 1 1 00 +14 819^[[]]
f | 8.9 8.9 8.9 8.90^[[]] 000 +13 811^[[]]
g | 9.7 9.7 9.7 9.70^[[]] 000 +13 785^[[]]
h | 10.1 10.1 10.0 10.07^[[]] 00 1 1 1
[[left margin]] M.P. [[/left margin]] 1 | 6.1 6.0 6.0 6.03^[[]] 100
2 | 8.5 8.7 8.7 8.63^[[]] 1 1 1
3 | 7.0 7.0 6.9 6.97^[[]] 00 1 1 1
4 | 7.1 7.2 7.0 7.10^[[]] 01 1 1 1
5 | ~~6.9~~ ~~6.3~~ ~~6.2~~ ~~6.23~~^[[]] 100
6 | 8.2 8.2 8.2 8.20^[[]] 000
7 | 7.9 8.1 8.1 8.03^[[]] 1 1 1
8 | 9.3 9.5 9.5 9.43^[[]] 1 1 1
9 | ~~10.3~~ ~~10.1~~ ~~10.2~~ ~~10.17~~^[[]]
[[underlined]] 1 1 1
10 | 8.2 8.2 8.2 8.20^[[]] 000
A | 8.9 8.9 9.0 8.93^[[]] 001
B | 9.7 9.6 9.7 9.67^[[]] 0 1 1 1
C | 9.7 9.8 9.9 9.80^[[]] 1 1 1
D | 9.9 10.1 10.1 10.03^[[]] 1 1 1
E | ~~10.2~~ ~~10.2~~ ~~10.2~~ ~~10.2~~^[[]] F F - ---
+16° 696^[[]] Stan. 16 | ~~8.3~~ ~~8.0~~ ~~8.2~~
8.1 8.10^[[]] 1 1 1
+16° 690^[[]] 20 | ~~8.5~~ ~~8.1~~ ~~8.3~~
8.23 000
+16° 756^[[]] 22 | 7.9 7.9 7.9 7.90^[[]] 000
+15° 743^[[]] 21 | 8.3 8.3 8.3 8.30^[[]] 000
+15° 730^[[]] 25 | 7.8 7.9 7.8 7.80^[[]] 010

[[continues in center column]]

24 | ~~8.5~~ ~~8.5~~ ~~8.2~~ ~~8.3~~ ~~8.5~~
~~8.50~~ ~~8.3~~ ~~000~~
4 | ~~8.3~~ ~~7.9~~ ~~8.1~~ ~~8.2~~ ~~8.07~~^[[]]
[[underlined]] 2 1 1
2 | 8.0 8.1 8.0 8.03^[[]]
1 | 8.3 8.3 8.2 8.27^[[]]
5 | ~~8.4~~ ~~8.0~~ ~~8.1~~ ~~8.2~~ ~~8.19~~^[[]]
6 | ~~8.6~~ ~~8.1~~ ~~8.1~~ ~~8.1~~ ~~8.10~~^[[]]
10 | 7.0 7.1 7.0 7.03^[[]]
a | 5.0
b | 6.7
c | 7.4
d | 8.2
e | 8.5



f		8.9
g		9.7
h		10.1
1		6.0
2		8.7
3		7.0
4		7.2
5		6.2
6		8.2
7		8.1
8		9.5
9		10.2
10		8.2
A		8.9
B		9.6
C		9.8

[[continues in final column on right side of page]]

D		10.1
E		F
Stan. 16		8.2
20		8.3
22		7.9
21		8.3
25		7.9
24		8.3
4		8.1
5		8.1
1		8.3
2		8.1
6		8.1
10		7.1
Pol. a		5.1
b		6.5
c		7.3
d		8.2
e		8.5
f		8.9
g		9.7
h		10.0
M.P. 1		6.0
2		8.7
3		6.9
4		7.0
5		6.2
6		8.2

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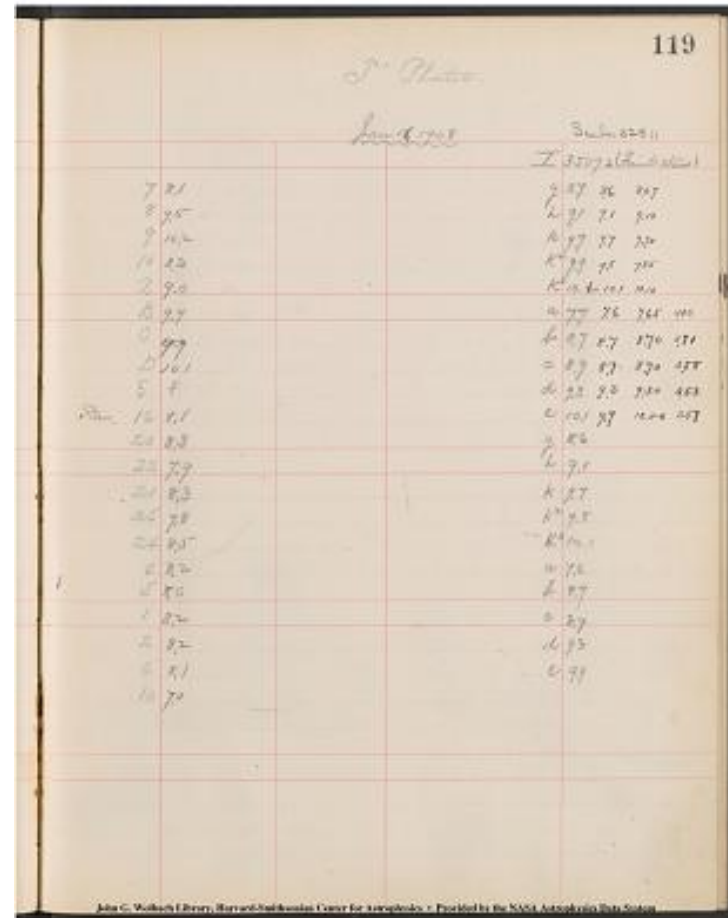
T' Plates.

Jan. 16, 1908 Scale 32811

7 | 8.1
 8 | 9.5
 9 | 10.2
 10 | 8.2
 A | 9.0
 B | 9.7
 C | 9.9
 D | 10.1
 E | F
 Star. 16 | 8.1
 20 | 8.3
 22 | 7.9
 21 | 8.3
 25 | 7.8
 24 | 8.5
 4 | 8.2
 5 | 8.0
 1 | 8.2
 2 | 8.2
 6 | 8.1
 10 | 7.0

l 35092 (Faint stars)
 g | 8.7 8.6 8.67
 h | 9.1 9.1 9.10
 k | 9.7 9.7 9.70
 k[^][2] | 9.9 9.8 9.85
 k[^][3] | 10.1 10.1 10.10
 a | 7.7 7.6 7.65 3.83
 b | 8.7 8.7 8.70 3.71
 c | 8.9 8.9 8.90 3.58
 d | 9.3 9.3 9.30 3.53
 e | 10.1 9.9 10.00 3.57
 g | 8.6
 h | 9.1
 k | 9.7
 k[^][2] | 9.8
 k[^][3] | 10.1
 a | 7.6
 b | 8.7
 c | 8.9
 d | 9.3
 e | 9.9

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[[two columned table]]

Direct estimates to find variation in + 27 3909

January 16,08

I 11538 | I 4429

5.0 | ?

I 23646 | I 23604

5.2 | 5.2

I 11302 | I 2244

< 5.0 | 5.3

I 18852 | I 2454.8

[[~~5.4~~ | 5.2

B2541 | I 15753

5.1 | 5.2

I 7139 | I 6922

5.0 | 4.9

I 27888

5.2

I 25957

5.1

I 15752

5.0

I 2046

5.0

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120	
<i>Direct estimates to find variation in + 27 3909</i>	
<i>January 16,08</i>	
I 11538 5.0	I 4429 ?
I 23646 5.2	I 23604 5.2
I 11302 < 5.0	I 2244 5.3
I 18852 5.4	I 2454.8 5.2
B2541 5.1	I 15753 5.2
I 7139 5.0	I 6922 4.9
I 27888 5.2	
I 25957 5.1	
I 15752 5.0	
I 2046 5.0	

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121

Faint stars g h k k^{[[2]]} & k^{[[3]]} in Polar seq. also a b c d & e (Scale 32811)
5^h +15 Jan 16, 1908

I 30134
g 8.6 8.5 8.56 01
h 9.0 9.0 9.00 10
k 9.6 9.7 9.65 01
k2 9.8 9.8 9.80 00
k3 10.1 10.1 10.10 00
a 8.0 7.7 7.85 00 ~~3.98~~ ~~3.83~~
b 8.5 8.5 8.50 00 3.73
c 8.7 8.8 8.75 10 3.62
d 9.1 9.2 9.15 10 3.58
e 9.8 9.8 9.80 00 3.51
g 8.5
h 9.0
k 9.7
k2 9.8
k3 10.1
a 7.7
b 8.5
c 8.8
d 9.2
e 9.8
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121

Faint stars g h k k^{[[2]]} & k^{[[3]]} in Polar seq. also a b c d & e (Scale 32811)
5^h +15 Jan 16, 1908

I 30134					
g 8.6 8.5 8.56 01					
h 9.0 9.0 9.00 10					
k 9.6 9.7 9.65 01					
k2 9.8 9.8 9.80 00					
k3 10.1 10.1 10.10 00					
a 8.0 7.7 7.85 00 3.98 3.83					
b 8.5 8.5 8.50 00 3.73					
c 8.7 8.8 8.75 10 3.62					
d 9.1 9.2 9.15 10 3.58					
e 9.8 9.8 9.80 00 3.51					
g 8.5					
h 9.0					
k 9.7					
k2 9.8					
k3 10.1					
a 7.7					
b 8.5					
c 8.8					
d 9.2					
e 9.8					

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122

Measures of faint stars g h k k² & k³ in Polar seq. also a b c d & e (Scale 32811)

9 20 +45

January 17, 1908

l 28722

g 8.5 8.6 8.56 10

h 9.1 9.0 9.05 10

k 9.7 9.7 9.70 00

k² Star superposed on k²

k³ 10.1 10.1 10.10 00

a 8.5 8.5 00 3.76

b 8.5 8.4 8.45 10 3.75

c 8.8 8.7 8.75 01 3.59

d 9.2 9.2 9.20 00 346

e 9.6 9.5 9.55 01

g 8.6

h 9.0

k 9.7

k² -

k³ 10.1

a 8.5

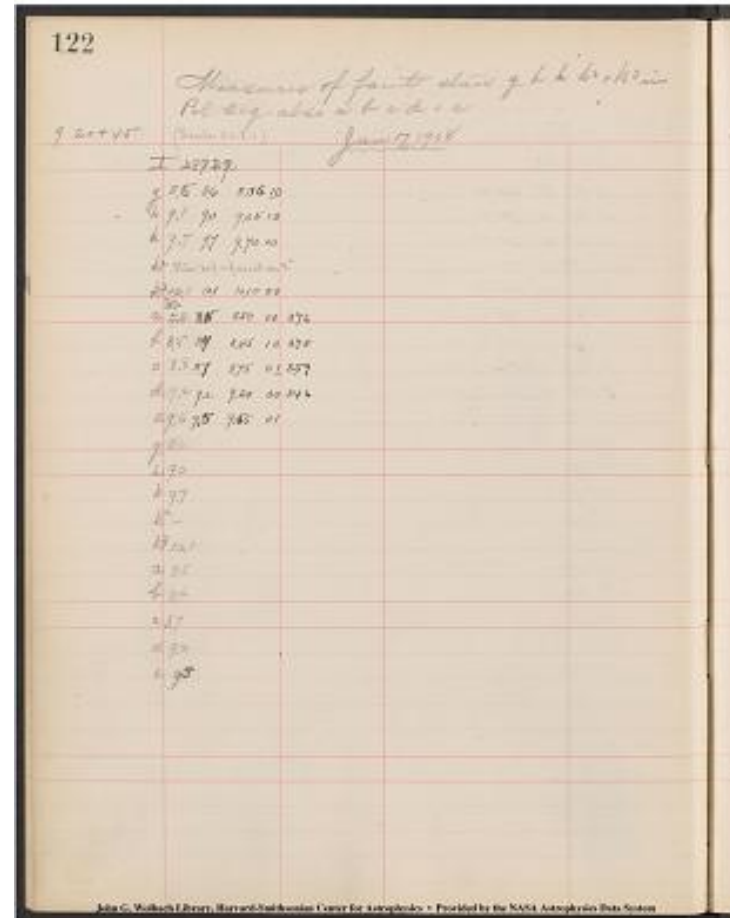
b 8.4

c 8.7

d 9.2

e 9.5

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123

Measures of faint stars g h k $k^2 + k^3$ in

Pol. seq - also a.bcd+e

12 + 45 Scale (32811) Jan 17, 1908

I 28765

g 8.7 8.7 8.70 00

h 9.2 9.3 9.25 01

k 9.7 9.8 9.75 10

k2 9.8 9.8 9.80 00

k3 10.2 10.1 10.15 01

a 8.7 8.7 8.70 00 3.61

b 9.5 9.4 9.45 10 3.47

c 9.7 9.9 9.80 01 3.52

d 10.2 10.1 10.15 01 3.63

e 10.2 10.2 10.20 00 3.66

g 8.7

h 9.3

k 9.8

k2 9.8

k3 10.1

a 8.7

b 9.4

c 9.9

d 10.1

f 10.2

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Measures of faint stars g h k $k^2 + k^3$ in Pol. seq - also a.bcd+e 12 + 45 Scale (32811) Jan 17, 1908			
I 28765			
g	8.7	8.7	8.70 00
h	9.2	9.3	9.25 01
k	9.7	9.8	9.75 10
k2	9.8	9.8	9.80 00
k3	10.2	10.1	10.15 01
a	8.7	8.7	8.70 00 3.61
b	9.5	9.4	9.45 10 3.47
c	9.7	9.9	9.80 01 3.52
d	10.2	10.1	10.15 01 3.63
e	10.2	10.2	10.20 00 3.66
g	8.7		
h	9.3		
k	9.8		
k2	9.8		
k3	10.1		
a	8.7		
b	9.4		
c	9.9		
d	10.1		
f	10.2		

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124

Measures of faint stars g h k $k^2 + k^3$ in

Pol. seq - also a.bcd+e

14 40+45 Jan 18, 1908

I33948

g ~~8.4~~ 8.7 8.7 8.70 00

h 9.2 9.2 9.20 00

k 9.8 9.8 9.80 00

k^2 9.9 9.9 9.90 00

k^3 10.1 10.1 10.10 00

a 8.4 8.3 8.35 0 1 3.60

b 9.1 9.2 9.15 1 3.56

c 9.2 9.3 9.25 01 3.54

d 9.3 9.5 9.40 1 3.53

e 9.0 9.3 9.15 21 3.54

g 8.7

h 9.2

k 9.8

k^2 9.9

k^3 10.1

a 8.3

b 9.2

c 9.3

d 9.5

e 9.3

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124

Measures of faint stars g h k $k^2 + k^3$ in
Pol. seq - also a.bcd+e
14 40+45 Jan 18, 1908
I33948

Star	g	h	k	k^2	k^3	a	b	c	d	e
1	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
2	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
3	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
4	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
5	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
6	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
7	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
8	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
9	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
10	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
11	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
12	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
13	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
14	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
15	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
16	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
17	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
18	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
19	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
20	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
21	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
22	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
23	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
24	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
25	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
26	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
27	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
28	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
29	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
30	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
31	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
32	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
33	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
34	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
35	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
36	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
37	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
38	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
39	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15
40	8.7	9.2	9.8	9.9	10.1	8.35	9.15	9.25	9.40	9.15

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125

Measures of faint stars g h k k[^][[2]] & k[^][[3]] in Polar seq. also a b c d & e

1720+45 January 8, 1908

I 34041

g 8.5 8.6 8.56 10

h 9.1 9.0 9.05 10

k 9.7 9.6 9.65 10

k2 98 9.7 9.75 01

k3 10.1 10.1 10.10 00

a 7.7 7.7 7.70 00 3.71

b 8.3 8.3 8.30 00 3.67

c 8.4 8.5 8.45 01 3.66

d 10.1 10.1 10.10 00 3.65

e 8.9 8.90 00 3.63

g 8.6

h 9.0

k 9.6

k2 9.7

k3 10.1

a 7.7

k 8.3

c 8.5

d 10.1

e 8.9

125

Measures of faint stars g, h, k, k², k³ in
Polar seq. also a, b, c, d, e

1720+45

	g	h	k	k ²	k ³	a	b	c	d	e
g	8.5	8.6	8.56	10						
h	9.1	9.0	9.05	10						
k	9.7	9.6	9.65	10						
k ²	98	9.7	9.75	01						
k ³	10.1	10.1	10.10	00						
a	7.7	7.7	7.70	00	3.71					
b	8.3	8.3	8.30	00	3.67					
c	8.4	8.5	8.45	01	3.66					
d	10.1	10.1	10.10	00	3.65					
e	8.9	8.90	00	3.63						
g	8.6									
h	9.0									
k	9.6									
k ²	9.7									
k ³	10.1									
a	7.7									
k	8.3									
c	8.5									
d	10.1									
e	8.9									

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126

J' Plates.

12+75 Jan. 20, 1908

I34535

Pol. | a | 5.0 | 5.0 | 4.9 | 4.97 | 00 | 1 | 1 | 8.0 |
8.0 | 7.9 | 7.97 | 00 | 1 | F
| b | 6.5 | 6.7 | 6.7 | 6.63 | 1 | 11 | 5 | 8.4 |
8.6 | 8.4 | 8.47 Stan |
| 1 | 1 | 1 | 1 | 1 | 1 | 29 | 8.5
| c | 7.3 | 7.3 | 7.3 | 7.30 | 000 | 4 | 7.9 | 8.1 | 8.0 | 8.00 |
| 1 | 1 | 1 | 1 | 1 | 1 | 10 | 28 | 8.9
| d | 8.2 | 8.3 | 8.3 | 8.27 | 1 | 00 | 37 | 8.1 |
8.1 | 8.3 | 8.17 |
| 1 | 1 | 1 | 1 | 1 | 1 | 37 | 8.1
| e | 8.5 | 8.5 | 8.6 | 8.53 | 001 | 10 | 7.7 | 7.7 | 7.6 | 7.67 |
00 | 1 | 1 | 1 | 1 | 1 | 36 | 9.2
| f | 8.9 | 8.9 | 9.0 | 8.93 | 001 | Pol. | a | 5.0 | | | | 36 | 9.2
| g | 9.5 | 9.7 | 9.7 | 9.63 | 1 | 11 | b | 6.7 | |
| | 1 | 8.0
| h | 9.9 | 10.0 | 10.1 | 10.00 | 1 | 01 | c | |
| | 5 | 8.6
M.P. | 1 | 4.9 | 5.0 | 5.0 | 4.97 | 1 | 00 | d | 8.3 |
| | 4 | 8.1
| 2 | 7.1 | 7.1 | 7.0 | 7.07 | 00 | 1 | e | 8.5 | |
| | 6 | 8.1
| 3 | 8.1 | 8.0 | 8.0 | 8.03 | 100 | f | 8.9 | | | | 10 | 7.7
| 4 | 7.8 | 7.9 | 7.9 | 7.87 | 1 | 00 | | | Pol |
a | 4.9
| 5 | 8.2 | 8.2 | 8.2 | 8.20 | 000 | h | 10.0 | | | | b | 6.7
| 6 | 8.7 | 8.9 | 8.8 | 8.80 | 1 | 10 | k | F | |
| | c | 7.3
| 7 | 8.5 | 8.4 | 8.4 | 8.43 | 100 | M.P. | 1 | 5.0 | | | | d | 8.3
| 8 | 8.6 | 8.7 | 8.5 | 8.60 | 01 | 1 | 2 | 7.1 | |
| | e | 8.6
| 9 | 9.4 | 9.5 | 9.5 | 9.47 | 1 | 00 | 3 | 8.0 | |
| | f | 9.0

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127

T' Plates.

12^h + 75 Jan 20, 1908 (Scale 32811)
 134535 Faint stars.
 10 9.7 g 8.4 8.7 8.40
 a 98 h 9.2 9.2 9.20
 B 10.0 k 9.8 9.8 9.80
 C 10. ~~2~~ k² 9.9 9.8 9.85
 D F k³ 10.2 10.1 10.15
 E F a 8.8 8.5 8.65 3.62 12.27
 Stan. 29 8.3 b 8.8 8.7 8.75 3.49 12.24
 28 8.9 , c 9.3 9.4 9.35 3.44 12.79
 37 8.1 d 9.7 9.8 9.75 3.46 13.21
 36 9.1 e 9.9 9.9 9.90 3.50 13.40
 28.0 g 8.7
 17.9 h 9.2
 58.4 k 9.8
 48.0 k² 9.8
 68.3 k³ 10.1
 107.6 a 8.5
 b 8.7
 c 9.4
 d 9.8
 e 9.9

T' Plates.		127
12 ^h + 75	Jan 20, 1908	(Scale 32811)
134535		
10 9.7	g 8.4 8.7 8.40	g 8.4 8.7 8.40
a 98	h 9.2 9.2 9.20	h 9.2 9.2 9.20
B 10.0	k 9.8 9.8 9.80	k 9.8 9.8 9.80
C 10. 2	k ² 9.9 9.8 9.85	k ² 9.9 9.8 9.85
D F	k ³ 10.2 10.1 10.15	k ³ 10.2 10.1 10.15
E F	a 8.8 8.5 8.65 3.62 12.27	a 8.8 8.5 8.65 3.62 12.27
Stan. 29 8.3	b 8.8 8.7 8.75 3.49 12.24	b 8.8 8.7 8.75 3.49 12.24
28 8.9	, c 9.3 9.4 9.35 3.44 12.79	, c 9.3 9.4 9.35 3.44 12.79
37 8.1	d 9.7 9.8 9.75 3.46 13.21	d 9.7 9.8 9.75 3.46 13.21
36 9.1	e 9.9 9.9 9.90 3.50 13.40	e 9.9 9.9 9.90 3.50 13.40
28.0	g 8.7	g 8.7
17.9	h 9.2	h 9.2
58.4	k 9.8	k 9.8
48.0	k ² 9.8	k ² 9.8
68.3	k ³ 10.1	k ³ 10.1
107.6	a 8.5	a 8.5
	b 8.7	b 8.7
	c 9.4	c 9.4
	d 9.8	d 9.8
	e 9.9	e 9.9

Project PHaEDRA - Evelyn F. Leland - Search for variables; measures #31 or 32
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128

Measures of faint stars g h k k², k³ in

Pol. seq. also a, b, c, d & e

Jan, 24, 1908 (scale 32811)

1 + 15

~~34359~~ 20 + 45 ~~31764~~

34359

~~31764~~

g 8.6 8.4 8.50 11

h 9.1 8.9 9.00 11

k 9.7 9.6 9.65 10

k² 9.7 9.7 9.7 00

k³ 10.0 10.1 10.05 01

a 7.7 7.8 7.75 10 4.00 11.75

b 7.3 7.5 7.40 11 4.10 11.50

c 8.7 8.7 8.70 00 3.73 12.43

d 9.3 9.5 9.40 11 3.65 13.05

e 9.7 9.8 9.75 10 3.67 13.42

g 8.4

h 8.9

k 9.6

k² 9.7

k³ 10.1

a 7.8

b 7.5

c 8.7

d 9.5

e 9.8

128									
<i>Measures of faint stars g h k k² k³ in</i>									
<i>Pol. seq. also a, b, c, d & e</i>									
<i>Jan 24 1908 (Scale 32811)</i>									
<i>1 + 15</i>	<i>34359</i>	<i>20 + 45</i>	<i>31764</i>	<i>34359</i>	<i>31764</i>	<i>34359</i>	<i>31764</i>	<i>34359</i>	<i>31764</i>
<i>g</i>	<i>8.6</i>	<i>8.4</i>	<i>8.50</i>	<i>11</i>	<i>g</i>	<i>8.6</i>	<i>8.4</i>	<i>8.50</i>	<i>11</i>
<i>h</i>	<i>9.1</i>	<i>8.9</i>	<i>9.00</i>	<i>11</i>	<i>h</i>	<i>9.1</i>	<i>8.9</i>	<i>9.00</i>	<i>11</i>
<i>k</i>	<i>9.7</i>	<i>9.6</i>	<i>9.65</i>	<i>10</i>	<i>k</i>	<i>9.7</i>	<i>9.6</i>	<i>9.65</i>	<i>10</i>
<i>k²</i>	<i>9.7</i>	<i>9.7</i>	<i>9.7</i>	<i>00</i>	<i>k²</i>	<i>9.7</i>	<i>9.7</i>	<i>9.7</i>	<i>00</i>
<i>k³</i>	<i>10.0</i>	<i>10.1</i>	<i>10.05</i>	<i>01</i>	<i>k³</i>	<i>10.0</i>	<i>10.1</i>	<i>10.05</i>	<i>01</i>
<i>a</i>	<i>7.7</i>	<i>7.8</i>	<i>7.75</i>	<i>10</i>	<i>4.00</i>	<i>11.75</i>	<i>a</i>	<i>7.7</i>	<i>7.8</i>
<i>b</i>	<i>7.3</i>	<i>7.5</i>	<i>7.40</i>	<i>11</i>	<i>4.10</i>	<i>11.50</i>	<i>b</i>	<i>7.3</i>	<i>7.5</i>
<i>c</i>	<i>8.7</i>	<i>8.7</i>	<i>8.70</i>	<i>00</i>	<i>3.73</i>	<i>12.43</i>	<i>c</i>	<i>8.7</i>	<i>8.7</i>
<i>d</i>	<i>9.3</i>	<i>9.5</i>	<i>9.40</i>	<i>11</i>	<i>3.65</i>	<i>13.05</i>	<i>d</i>	<i>9.3</i>	<i>9.5</i>
<i>e</i>	<i>9.7</i>	<i>9.8</i>	<i>9.75</i>	<i>10</i>	<i>3.67</i>	<i>13.42</i>	<i>e</i>	<i>9.7</i>	<i>9.8</i>
<i>g</i>	<i>8.4</i>	<i>g</i>	<i>8.4</i>	<i>g</i>	<i>8.4</i>	<i>g</i>	<i>8.4</i>	<i>g</i>	<i>8.4</i>
<i>h</i>	<i>8.9</i>	<i>h</i>	<i>8.9</i>	<i>h</i>	<i>8.9</i>	<i>h</i>	<i>8.9</i>	<i>h</i>	<i>8.9</i>
<i>k</i>	<i>9.6</i>	<i>k</i>	<i>9.6</i>	<i>k</i>	<i>9.6</i>	<i>k</i>	<i>9.6</i>	<i>k</i>	<i>9.6</i>
<i>k²</i>	<i>9.7</i>	<i>k²</i>	<i>9.7</i>	<i>k²</i>	<i>9.7</i>	<i>k²</i>	<i>9.7</i>	<i>k²</i>	<i>9.7</i>
<i>k³</i>	<i>10.1</i>	<i>k³</i>	<i>10.1</i>	<i>k³</i>	<i>10.1</i>	<i>k³</i>	<i>10.1</i>	<i>k³</i>	<i>10.1</i>
<i>a</i>	<i>7.8</i>	<i>a</i>	<i>7.8</i>	<i>a</i>	<i>7.8</i>	<i>a</i>	<i>7.8</i>	<i>a</i>	<i>7.8</i>
<i>b</i>	<i>7.5</i>	<i>b</i>	<i>7.5</i>	<i>b</i>	<i>7.5</i>	<i>b</i>	<i>7.5</i>	<i>b</i>	<i>7.5</i>
<i>c</i>	<i>8.7</i>	<i>c</i>	<i>8.7</i>	<i>c</i>	<i>8.7</i>	<i>c</i>	<i>8.7</i>	<i>c</i>	<i>8.7</i>
<i>d</i>	<i>9.5</i>	<i>d</i>	<i>9.5</i>	<i>d</i>	<i>9.5</i>	<i>d</i>	<i>9.5</i>	<i>d</i>	<i>9.5</i>
<i>e</i>	<i>9.8</i>	<i>e</i>	<i>9.8</i>	<i>e</i>	<i>9.8</i>	<i>e</i>	<i>9.8</i>	<i>e</i>	<i>9.8</i>

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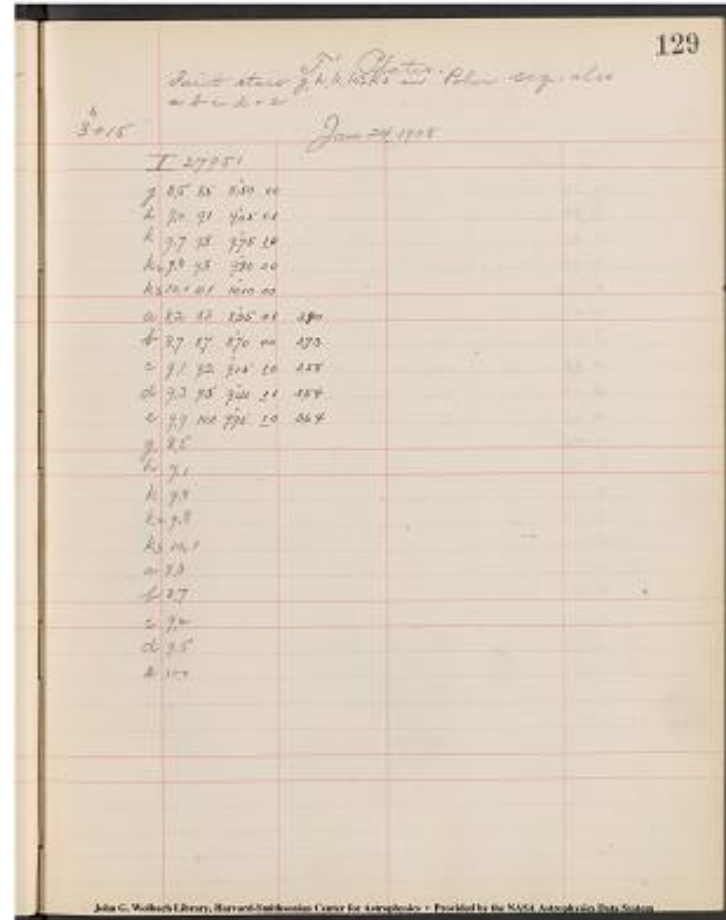
T' Plates

Faint stars g, h, k, $k^{[2]}$ + $k^{[3]}$ in Polar seq. also a b c d + e

[[left margin]] $3^{[h]}$ + 15 [[/left margin]] Jan. 24, 1908

I27951

g		8.5	8.5	8.50 [^]	00
h		9.0	9.1	9.05 [^]	01
k		9.7	9.8	9.75 [^]	1 1
$k^{[2]}$		9.8	9.8	9.80 [^]	00
$k^{[3]}$		10.1	10.1	10.10 [^]	00
a		8.2	8.3	8.25 [^]	01 3.90
b		8.7	8.7	8.70 [^]	00 3.73
c		9.1	9.2	9.15 [^]	1 1 3.58
d		9.3	9.5	9.40 [^]	1 1 3.54
e		9.9	10.0	9.95 [^]	1 1 3.64
g		8.5			
h		9.1			
k		9.8			
$k^{[2]}$		9.8			
$k^{[3]}$		10.1			
a		8.3			
b		8.7			
c		9.2			
d		9.5			
e		10.0			



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Measures of faint stars g, h, k, $k^{[2]}$ + $k^{[3]}$ in Pol. Seq. also a b c d + e

11^h + 15 Jan. 27, 1908

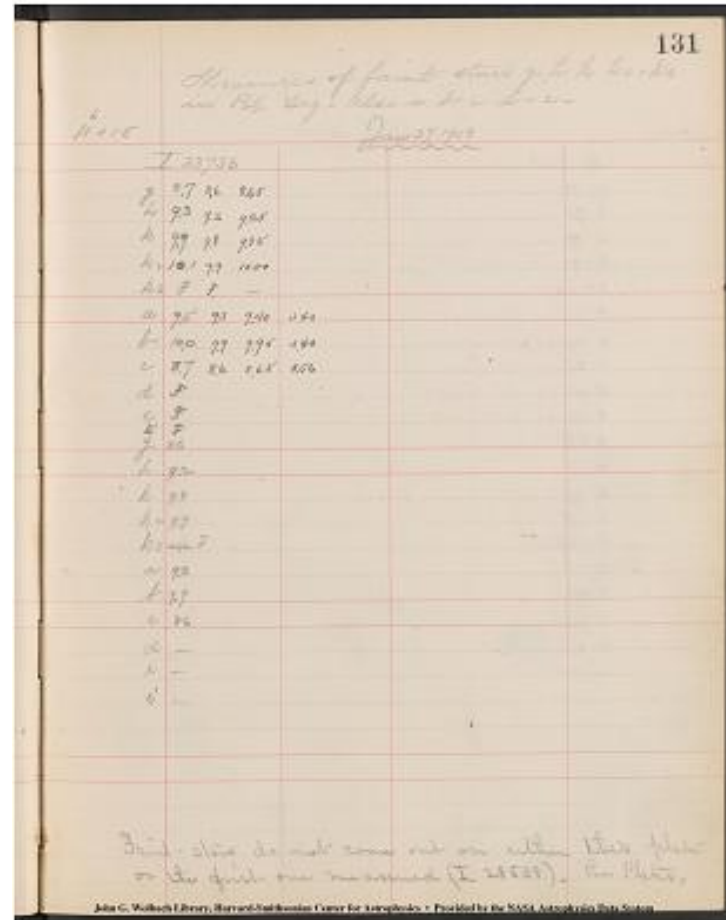
I33736

g		8.7	8.6	8.65
h		9.3	9.2	9.25
k		9.9	9.8	9.85
$k^{[2]}$		10.1	9.9	10.00
$k^{[3]}$		F	F	-
a		9.5	9.3	9.40 3.40
b		10.0	9.9	9.95 3.40
c		8.7	8.6	8.65 3.56
d		F		
e		F		
e'		F		
g		8.6		
h		9.2		
k		9.8		
$k^{[2]}$		9.9		
$k^{[3]}$		10? F		
a		9.3		
b		9.9		
c		8.6		
d		-		
e		-		
e'		-		

[[bottom of page]]

Faint stars do not come out on either this plate or the first one measured (I28538). Poor plates.

[[/bottom of page]]



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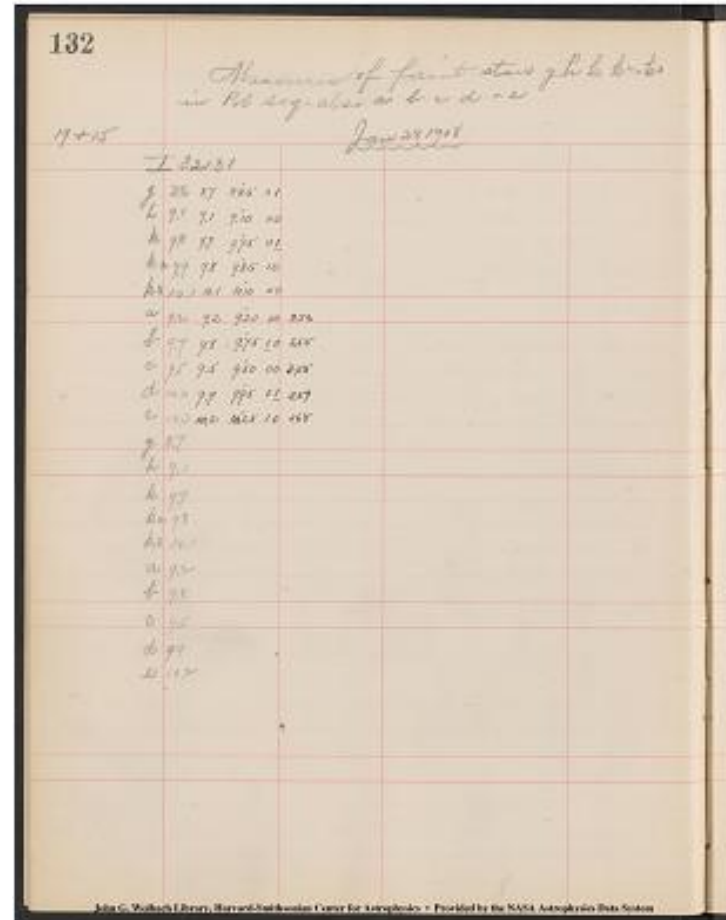
132

Measures of faint stars g, h, k, $k^{[2]}$ + $k^{[3]}$ in Pol. seq. also a b c d + e

19 + 15 Jan. 28, 1908

132131

g | 8.6 8.7 8.65[^] 01
h | 9.1 9.1 9.10[^] 00
k | 9.8 9.7 9.75[^] 0[^] 1
 $k^{[2]}$ | 9.9 9.8 9.85[^] 10
 $k^{[3]}$ | 10.1 10.1 10.10[^] 00
a | 9.2 9.2 9.20[^] 00 3.56
b | 9.7 9.8 9.75[^] 1 0 3.55
c | 9.5 9.5 9.50[^] 00 3.55
d | 10.0 9.9 9.95[^] 0[^] 1 3.59
e | 10.3 10.2 10.25[^] 10 3.68
g | 8.7
h | 9.1
k | 9.7
 $k^{[2]}$ | 9.8
 $k^{[3]}$ | 10.1
a | 9.2
b | 9.8
c | 9.5
d | 9.9
e | 10.2



Project PHaEDRA - Evelyn F. Leland - Search for variables; measures #31 or 32
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133

Measures of faint stars g h k k^{[[2]]} + k^{[[3]]} in Pol. Seq. also a, b, c, d + e

[[left margin]] 17[^][[h]] + 15 [[/left margin]] Jan. 28, 1907

132021

g | 9.1 9.0 9.05

h | 9.4 9.3 9.35

k | 9.9 9.7 9.80

k^{[[2]]} | 10.0 9.9 9.95

k^{[[3]]} | F

a | | [[on right side of blank letters]] See Bk 33 p. 118

b | |

c | |

d | |

e | |

g | 9.0

h | 9.3

k | 9.7

k^{[[2]]} | 9.9

k^{[[3]]} | F

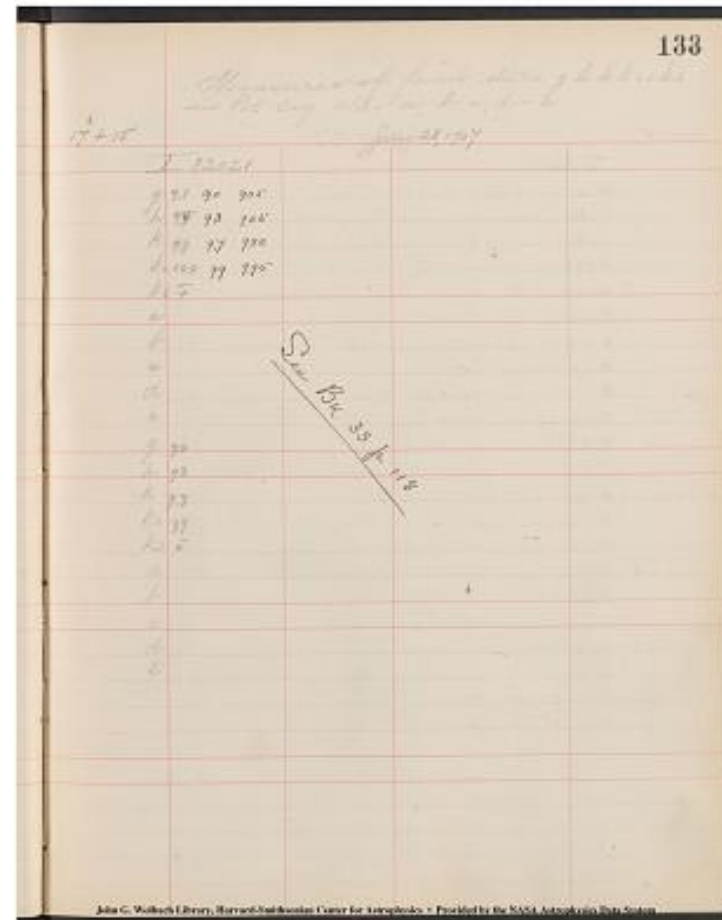
a | |

b | |

c | |

d | |

e | |



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9^[[h]]+15 | (Scale C.) | [[underline]] May 4, 1908 [[underline]]
I35246
a|4.4|4.6|4.6|3.7^[[Br]]|4.53|111|25|7.8|7.7|7.9|7.80|011|B|9.2
b|6.2|6.2|6.1|6.17|001|24|7.4|7.3|7.5|7.40|011|c|6.94
c|6.7|6.7|6.7|6.70|000|4|7.7|7.7|7.7|7.70|000|D| 9.7
d|7.8|7.7|7.8|7.77|010|5|8.1|8.0|8.0|8.03|100|E|10.1
e|8.1|8.1|8.2|8.13|001|1|7.3|7.4|7.4|7.37|100|16|8.2
f|8.5|8.5|8.6|8.53|001|2|8.2|8.1|8.2|8.14|010|20|7.8
g|9.5|9.7|9.5|9.57|11|6|7.9|8.0|8.1|8.00|101|22|8.1
h|9.9|10.0|10.0|9.97|100|10|7.6|7.7|7.8|7.70|101|21|7.3
k|---| |Pol.|a|4.6| | | |25|7.7|
MP | 1 |6.8|7.0|6.9|6.90|110|b|6.2| | | |24|7.3|
2|6.9|7.1|7.0|7.00|110|c|6.7| | | |4|7.7|
3|7.7|7.9|7.7|7.77|111|d|7.7| | | |5|8.0|
4|7.4|7.3|7.4|7.37|010|e|8.1| | | |1|7.4|
5|7.5|7.5|7.7|7.57|111|f|8.5| | | |2|8.1|
6|7.6|7.6|7.7|7.63|001|g|9.7| | | |6|8.0|
7|8.7|8.7|8.7|8.70|000|h|10.0| | | |10|7.7|
8|6.8|6.9|6.9|6.87|100|k| |Pol.|a|4.6|
9|7.3|7.3|7.3|7.30|MP^000|17.0| | | |b|6.1|
10|7.6|7.5|7.5|7.53|100|27.1| | | |c|6.7|
11|8.4|8.3|8.5|8.40|011|
12|8.1|8.2|8.2|8.14|100|3.79|d|7.8
a|8.9|8.9|9.0|8.93|001|3|7.9| | | |d|7.8|
B|9.4|9.2|9.3|9.30|110|4|7.3| | | |e|8.2
C|9.6|9.4|9.5|9.50|110|5|7.5| | | |f|8.6|
D|9.9|9.7|9.9|9.83|111|6|7.6| | | |g|9.5|
E|10.2|10.1|10.2|10.17|010|7|8.7| | | |h|100|
Stan.|16|8.3|8.2|8.2|8.23|100|8|6.9| | | |K|
22|9.7|8.7|8.7|8.74|010|9|7.3| | | |Mpl|16.9|
20|8.3|8.1|8.8|8.23|111|10|7.5| | | | |2|7.0|
21|7.5|7.3|7.3|7.37|111|a^11^12|8.9^8.2^8.3| | | |3|7.7|

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2nd Edition.

7 + 15 (3000)

Aug 4 1905

3500

PL

a 24 46 46 27 412 115 40 78 77 77 780 411 A 320
b 42 46 46 41 417 101 39 78 78 78 780 411 B 94
c 67 67 67 67 100 4 77 77 77 770 100 D 87
d 78 77 77 77 117 117 5 81 80 80 810 100 E 101
e 81 81 81 81 103 103 1 78 78 78 780 100 F 82
f 85 85 85 85 102 101 2 81 81 81 810 101 G 88
g 95 87 85 85 107 112 4 78 80 81 810 101 H 81
h 97 100 100 100 117 110 10 76 77 78 770 101 I 79
i — — — — — PL a 46 20 77
j — — — — — PL a 46 20 77

700

1 55 20 67 670 110 4 60 20 77 20 77
2 67 21 70 210 110 2 67 20 77 20 77
3 77 77 77 777 111 2 77 20 77 20 77
4 78 78 78 787 110 4 81 20 77 20 77
5 78 78 77 787 111 4 85 20 77 20 77
6 76 76 77 760 101 3 78 20 77 20 77
7 77 77 77 770 100 4 78 20 77 20 77
8 78 67 67 677 100 4 — PL a 46
9 78 78 78 787 100 1 78 20 77 20 77
10 78 78 78 787 100 2 81 20 77 20 77
11 78 78 78 787 100 3 78 20 77 20 77
12 78 78 78 787 100 4 78 20 77 20 77
13 78 78 78 787 100 5 78 20 77 20 77
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15 78 78 78 787 100 7 78 20 77 20 77
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21 78 78 78 787 100 13 78 20 77 20 77
22 78 78 78 787 100 14 78 20 77 20 77
23 78 78 78 787 100 15 78 20 77 20 77
24 78 78 78 787 100 16 78 20 77 20 77
25 78 78 78 787 100 17 78 20 77 20 77
26 78 78 78 787 100 18 78 20 77 20 77
27 78 78 78 787 100 19 78 20 77 20 77
28 78 78 78 787 100 20 78 20 77 20 77
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30 78 78 78 787 100 22 78 20 77 20 77
31 78 78 78 787 100 23 78 20 77 20 77
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33 78 78 78 787 100 25 78 20 77 20 77
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42 78 78 78 787 100 34 78 20 77 20 77
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44 78 78 78 787 100 36 78 20 77 20 77
45 78 78 78 787 100 37 78 20 77 20 77
46 78 78 78 787 100 38 78 20 77 20 77
47 78 78 78 787 100 39 78 20 77 20 77
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49 78 78 78 787 100 41 78 20 77 20 77
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83 78 78 78 787 100 75 78 20 77 20 77
84 78 78 78 787 100 76 78 20 77 20 77
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87 78 78 78 787 100 79 78 20 77 20 77
88 78 78 78 787 100 80 78 20 77 20 77
89 78 78 78 787 100 81 78 20 77 20 77
90 78 78 78 787 100 82 78 20 77 20 77
91 78 78 78 787 100 83 78 20 77 20 77
92 78 78 78 787 100 84 78 20 77 20 77
93 78 78 78 787 100 85 78 20 77 20 77
94 78 78 78 787 1

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T' Plates.

9h +15

May 4, 1908

I35246|I35246 I28718 I34407|
 4|7.4|a|4.53 B. 5.87 24|7.40 8.13 8.43|
 5|7.7|b|6.17 5.87 7.30|4|7.70 8.40 8.57|
 6|7.7|c|6.70 6.53 7.80|5|8.03 8.67 8.33|
 7|8.7|d|7.77 7.70 8.63|1|7.37 7.70 8.27|
 8|6.9|e|8.13 8.30 8.90|2|8.17 8.43 8.70|
 9|7.3|f|8.53 8.77 9.30|6|8.00 8.27 8.73|
 10|7.5|g|9.57|10|7.70 8.43 8.57|
 11|8.5
 12|8.2
 Star. 16|8.2|h|[[9.9]]|7 9.73 10.37|
 k|10.10
 20|7.9|l|6.90 7.40 7.97|[[June 4, '09]]|
 22|8.3|2|7.00 7.43 8.13|Faint stars in Pol. Seq
 I28718
 21|7.3|3|7.77 8.63 8.73|g|8.5 8.4 8.45|
 |||||a|8.5 8.5 8.50 3.85|
 2.5|7.9|4|7.37 8.17 8.30|h|8.8 8.8 8.80|
 |||||8.8 8.9 8.85 3.86|
 24|7.5|5|7.57 8.30 8.53|k|9.4 9.4 9.40|
 |||||c|9.0 9.2 9.10 3.86|
 4|7.7|6|7.63 8.57 8.70|k2|9.5 9.4 9.45|
 |||||d|9.5 9.5 9.50 3.84|
 5|8.0|7|8.70 9.67 9.83|k3|10.0 9.9 9.95|
 1|7.4|8|6.84 7.10 7.70|e|9.9 10.0 9.95 3.89|
 2|8.2|9|7.30 7.60 8.23||I35246|
 6|8.1|10|7.53 8.17 8.60|g|8.1 8.1 8.10|
 |||||a|7.3 7.4 7.35 4.05|
 10|7.8|a|8.93 9.80 9.70|h|8.3 8.5 8.40|
 |||||7.7 7.7 7.70 4.16|
 a|9.0|B|9.30 9.73 9.84|k|8.8 9.0 8.90|
 B|9.3|C|9.50|10.03|9.97|K2|8.9|9.0|8.95
 |||||d|8.4|8.3|8.35|4.26
 C|9.5|D|9.83|10.27|10.30|k3|9.3|9.5|9.40
 |||||e|9.0|9.0|9.00|4.34
 D|9.9|E|10.17|1-
 E|10.2|16|8.23|8.97|9.60|I28418|I35246
 ||20|7.87|8.37|8.90|9|84|8.7
 ||||a|8.5|7.4
 ||22|8.23|8.83|9.23|h|8.8|8.5
 ||||G|8.9|7.7
 ||21|7.37|7.93|8.37|K|9.4|9.0
 ||||c|9.2|8.1
 ||25|4.80|8.87|9.10|K2|94|9.0
 ||||a|95|8.3
 ||||K3|9.9|9.5
 ||||e|19.0

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P' Notes.

9-15

May 4, 1908

Star	Mag	RA	Dec	Mag	RA	Dec
1	7.4	24	53	1	7.4	53
2	7.7	30	17	2	8.0	03
3	7.7	30	17	3	8.0	03
4	7.7	30	17	4	8.0	03
5	7.7	30	17	5	8.0	03
6	7.7	30	17	6	8.0	03
7	7.7	30	17	7	8.0	03
8	7.7	30	17	8	8.0	03
9	7.7	30	17	9	8.0	03
10	7.7	30	17	10	8.0	03
11	7.7	30	17	11	8.0	03
12	7.7	30	17	12	8.0	03
13	7.7	30	17	13	8.0	03
14	7.7	30	17	14	8.0	03
15	7.7	30	17	15	8.0	03
16	7.7	30	17	16	8.0	03
17	7.7	30	17	17	8.0	03
18	7.7	30	17	18	8.0	03
19	7.7	30	17	19	8.0	03
20	7.7	30	17	20	8.0	03
21	7.7	30	17	21	8.0	03
22	7.7	30	17	22	8.0	03
23	7.7	30	17	23	8.0	03
24	7.7	30	17	24	8.0	03
25	7.7	30	17	25	8.0	03
26	7.7	30	17	26	8.0	03
27	7.7	30	17	27	8.0	03
28	7.7	30	17	28	8.0	03
29	7.7	30	17	29	8.0	03
30	7.7	30	17	30	8.0	03

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8	8.7	8.7	8.7	8.40		k	—								
—13 2745	20	7.8	7.9	8.9	7.90	11	01								
9	9.4	9.5	9.5	MP	9.47		1	6.4							
—14 2762	22	8.3	8.2	8.3	8.24	010									
10	7.3	7.3	7.3	7.30		2	7.1								
—14 2742	21	7.3	7.4	7.3	7.33	010		A	9.4	9.5	9.5	9.47		3	7.2

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T' Plates

9h -15

May 5, 1908

Ft stars. (Sc.32811)

|35182||35182||28616
4 8.3|g 8.3 8.3 8.30|8.8 8.4 8.46|
5 8.7|h 8.7 8.7 8.70|8.8 8.7 8.76|
6 7.7|k 9.3 9.2 9.25|9.2 9.3 9.26|
7 8.7|k²|2²|
93 9.3 9.30|9.3 9.3 9.30|
8 8.7|k³|3³|
95 9.6 9.55|9.6 9.7 9.65|
9 9.5|a 8.0 8.1 8.05|8.1 8.1 8.10|
10 7.3|b 8.3 8.3 8.30|8.3 8.3 8.30|
a 9.5|c 8.0 8.2 8.10|8.2 8.2 8.15|
b 9.7|d 9.7 9.7 9.70|9.9 9.8 9.85|
c 9.7|e 9.5 9.5 9.50|9.5 9.7 9.60|
d P|g 8.3|8.4
e P|h 8.7|8.7
Star.]16 7.9|k 9.2| 9.3
20 8.0|k²|2²| 9.3|9.3
22 8.3|k³|3³| 9.6|9.7
21 7.3|a 8.0|8.1
25 8.5|b 8.3|8.3
24 8.7|c 8.1|8.1
4 9.7|d 9.7|9.8
5 8.7|e 9.5|9.7
1 8.8|
2 8.8|
6 8.9|
10 8.5|

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+ Provided by the NASA Astrophysics Data System

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T' Plates

9h -15

May 5, 1908

Ft stars. (Sc.32811)

Handwritten data table with columns for star names and magnitudes. The table is organized into two main sections, one on the left and one on the right, separated by a vertical line. The left section contains data for stars 1 through 10, and the right section contains data for stars 11 through 25. The magnitudes are listed in a column next to the star names. Some entries are in parentheses, indicating specific measurements or conditions. The page is handwritten in ink on a grid background.

Project PHaEDRA - Evelyn F. Leland - Search for variables; measures #31 or 32
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138

T' Plates.

13h -15

Sc. "C"

May 8, 1908

I35247

Pol. a|4.8|4.9|4.8|4.83|010|24|9.5?|9.5|Object Hazy-large

^|9.4|9.47|001|D|100

b|6.4|6.3|6.3|6.33|100|4|8.7|8.6|8.4|8.64|010|E|F|

c|7.1|7.0|7.0|7.03|100|5|8.7|8.5|8.5|Stars^8.57|111|16|7.7|

d|8.0|8.1|8.0|8.03|010|1|8.2|8.3|8.3|8.27|100|20|7.9|

e|8.3|8.3|8.3|8.30|000|2|8.8|8.7|8.7|8.73|100|22|8.5|

f|8.7|8.7|8.8|8.73|001|6|8.1|8.0|7.9|8.00|101|21|8.7|

g|9.3|9.3|9.4|9.33|001|10|7.9|8.1|8.1|8.03|111|25|8.5|

h|9.0|9.8|9.9|9.87|Pol.^|0|1|1|a|4.9|24|9.5

Difficult|

|<|

M. P|1|6.0|6.0|5.9|5.97|00|1|1|b|6.3|4|8.6|

2|6.5|6.4|6.5|6.47|0|1|1|c|7.0|5|8.5|

3|7.4|7.5|7.4|7.43|010|d|8.1|1|8.3|

4|7.1|6.9|7.0|7.00|1|1|1|e|8.3|2|8.7|

5|7.3|7.2|7.3|7.27|0|1|1|f|8.7|6|8.0|

6|7.5|7.7|7.7|7.63|1|1|g|9.3|10|8.1|

7|7.8|8.0|8.0|7.93|1|1|h|9.8|Pol. a|4.8|

8|8.4|8.3|8.5|8.40|0|1|1|MP|1|6.0|b|8.3|

9|7.9|8.1|8.1|8.03|1|1|1|2|6.4|c|7.0|

10|8.6|8.7|8.7|8.67|1|1|00|3|7.5|d|8.0|

A|9.5|9.5|9.5|9.50|000|4|6.9|e|8.3|

B|9.7|9.8|9.7|9.73|010|5|7.2|f|8.8|

C|9.6|9.7|9.6|9.63|010|6|6.77|g|9.4|

D|10.0|10.0|10.0|10.00|000|7|8.0|h|9.9|

E|F|---|---|---|8|8.3|MP. 1|5.9|

Star. [arrow] |16|7.7|7.7|7.6|7.67|0-

|1|1|9|8.1|2|6.5|

20|7.8|7.9|7.8|7.83|010|10|8.7|3|7.4|

22|8.6|8.5|8.5|8.53|100|A|9.5|4|7.0|

21|8.7|8.7|8.7|8.70|000|B|9.8|5|7.3|

25|8.5|8.5|8.5|8.50|000|C|9.7|6|7.7|

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139

T' Plates.

13 -15

May 8, 1908

[[4 column table]]

I 35247 | Ft. Stars | Faint Stars.

|| 133968 | 135247 ~~[[strikethrough]]~~ 132811 ~~[[/strikethrough]]~~

7 8.0 | g 7.8 7.7 7.75 | g ~~[[strikethrough]]~~ 7.9 ~~[[/strikethrough]]~~ 7.9 7.8 7.85

8 8.5 | h 8.1 8.0 8.05 | h ~~[[strikethrough]]~~ 8.5 ~~[[/strikethrough]]~~ 8.3 8.2 8.25
~~[[strikethrough]]~~ 8.30 ~~[[/strikethrough]]~~

9 8.1 | k 8.6 8.6 8.60 | k 8.9 8.8 8.85

10 8.7 | k2 8.4 8.4 8.40 | k2 8.9 8.9 8.90

a 9.5 | k3 9.0 9.1 9.05 | k3 9.2 9.2 9.20

B 9.7 | a 7.7 7.8 7.75 | a 8.1 8.0 8.05

C 9.6 | b 7.9 8.0 7.95 | b 8.3 8.3 8.30

D 10.0 | c 7.9 7.9 7.90 | c 8.3 8.2 8.25

E - | D 8.2 8.1 8.15 | d 8.7 8.5 8.60

^~~[[133655 Star]]~~ 16 7.6 | E 8.7 8.6 8.65 | e 9.2 9.0 9.10

-133647 20 7.8 | g 7.7 | g 7.8

-143659 22 8.5 | h 8.0 | h 8.3

-143646 21 8.4 | k 8.6 | k 8.8

-143631 25 8.5 | k2 8.7 | k2 8.8

-143616 24 9.4 Difficult | k3 9.6 | k3 9.2

-153566 4 8.7 | a 7.8 | a 8.0

-153586 5 8.5 | B 8.0 | b 8.3

-153597 1 8.3 | C 7.9 | c 8.2

139

T' Plates.

May 8, 1908

Star	13-15	16-18	19-21	22-24
133647	7.8	7.7	7.7	7.8
133648	8.0	8.0	8.0	8.0
133649	8.1	8.1	8.1	8.1
133650	8.2	8.2	8.2	8.2
133651	8.3	8.3	8.3	8.3
133652	8.4	8.4	8.4	8.4
133653	8.5	8.5	8.5	8.5
133654	8.6	8.6	8.6	8.6
133655	8.7	8.7	8.7	8.7
133656	8.8	8.8	8.8	8.8
133657	8.9	8.9	8.9	8.9
133658	9.0	9.0	9.0	9.0
133659	9.1	9.1	9.1	9.1
133660	9.2	9.2	9.2	9.2
133661	9.3	9.3	9.3	9.3
133662	9.4	9.4	9.4	9.4
133663	9.5	9.5	9.5	9.5
133664	9.6	9.6	9.6	9.6
133665	9.7	9.7	9.7	9.7
133666	9.8	9.8	9.8	9.8
133667	9.9	9.9	9.9	9.9
133668	10.0	10.0	10.0	10.0

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-153610 2 8.7 | D 8.1 | d 8.5

-163601 6 7.9 | E 8.6 | e 9.0

-163587 10 8.1

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140

T' Plates

15h+15

May 11 1908

I 35286

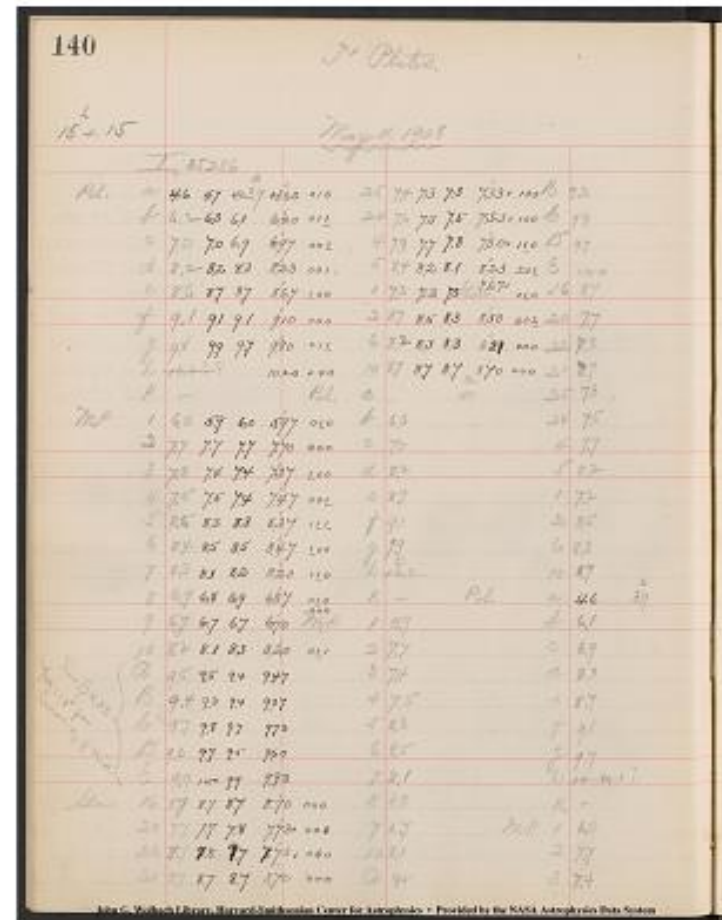
[[14 columned table]]

Pol. a|4.6|4.7|4.6|3.9[^][[B]]4.63|010|25|7.4|7.3|7.3|7.33|100|B|9.3
b|6.2|6.3|6.1|6.20|01[[1]]24|7.6|7.5|7.5|7.53|100
|C|9.c|7.0|7.0|6.9|6.94|001|4|7.9|7.7|7.8|7.80[[symbol -
checkmark]]110|D|9.7
d|8.2|8.2|8.3|8.23|001|5|8.4|8.2|8.1|8.23|201|E|10.0
e|8.6|8.7|8.7|8.64|100|1|7.3|7.2|7.3|stan 7.27|010|[[symbol -
checkmark]]6 | 8.7
f|9.1|9.1|9.1|9.10|000|2|8.7|8.5|8.3|8.50|202|20|7.7
g|9.8|9.9|9.7|9.80|011|6|8.2|8.3|8.3|8.27|000|22|7.8
h|~~10.2~~??~~10.20~~|000|10|8.7|8.7|8.7|8.70|0
00|21|8.7
k|-|pol. a|4.0[^][[br]]25|7.3
MP 1|6.0|5.9|6.0|5.94|010|b|6.3|24|7.5

c|7.0|7.0|6.9|6.97|00[[1]]4|7.9|7.7|7.8|7.80|1[[un
derlined]]1[[derlined]]0|D|9.7
d|8.2|8.2|8.3|8.23|001|5|8.4|8.2|8.1|8.23|20[[1]]1[[derlined]]
E|10.0
e|8.6|8.7|8.7|8.67|[[1]]00|1|7.3|7.2|7.3
Star|7.27|0[[1]]0|J|6|8.7
f|9.1|9.1|9.1|9.10|000|2|8.7|8.5|8.3|8.50|20[[2]]2[[derlined]]2
0|7.7
g|9.8|9.9|9.7|9.80|01[[1]]6|8.2|8.3|8.3|8.27|000|
22|7.8
h|~~10.2~~??~~10.20~~|F||10.20|000|10|8.7|8.7|8.70|000
|21|8.7
k|-|||Pol. |a||40[^][[Br]]25|7.3

MP

1|6.0|5.9|6.0|5.97|0[[1]]0|b|6.3|24|7.5
2|7.7|7.7|7.7|7.70|000|c|7.0|4|7.7
3|7.3|7.4|7.4|7.37|[[1]]00|d|8.2|5|8.2
4|7.5|7.5|7.4|7.47|00[[1]]e|8.7|1|7.2
5|8.5|8.3|8.3|8.34|1[[1]]f|9.1|2|8.5
6|8.4|8.5|8.5|8.47|[[1]]00|g|9.9|6|8.3
7|8.3|8.1|8.2|8.20|1[[1]]0|h|~~10.3~~
out|10.3|~~10.3~~|P|10|8.7
8|6.9|6.8|6.9|6.84|0[[1]]0|k|-|||Pol. |a|4.6|3.9[^][[B]]
9|6.7|6.7|6.7|6.70|MP[^][[000]]1|5.9|b|6.1
10|8.2|8.1|8.3|8.20|01[[1]]1|2|7.7|c|6.9
Su Bk33|A|9.5|9.5|9.4|9.47|3|7.4|d|8.3
hq 115|B|9.4|9.3|9.4|9.37|4|7.5|e|8.4
fn |C|9.7|9.8|9.7|9.73|5|8.3|f|9.1
meas q|D|9.6|9.7|9.5|9.60|6|8.5|g|9.7
yisbis. |E|9.9|10.0|9.9|9.93|7|8.1|h|~~10.1~~
Stan|16|8.7|8.4|8.4|8.70|000|8|6.8|k|-
20|7.7|7.7|7.8|7.73|001|9|6.7|MP. |1|6.0
22|7.7|7.8|7.7|7.73|010|10|8.1|2|7.7



21|8.7|8.7|8.7|8.70|000|A|9.5|3|7.4
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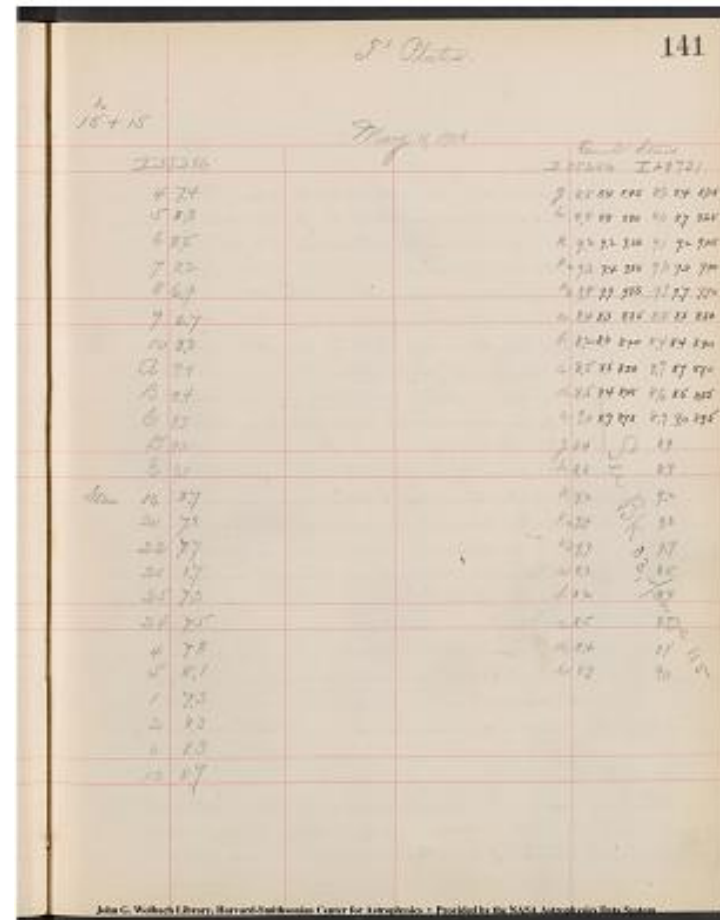
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141
T' Plates

h
15+15
May 11, 1908
Faint Stars
I35286 I35286 I28731

[[9 columned table]]
4|7.4|g|8.5|8.4|8.45|8.3|8.4|8.35|
5|8.3|h|8.8|8.8|8.80|8.6|8.7|8.65|
6|8.5|k|9.2|9.2|9.20|9.1|9.2|9.15|
7|8.2|k|9.3|9.4|9.35|9.3|9.3|9.30|
8|6.9|k|9.8|9.9|9.85|9.7|9.7|9.70|
9|6.7|a|8.4|8.3|8.35|8.5|8.5|8.50|
10|8.3|b|8.2|8.2|8.20|8.4|8.4|8.40|
A|9.4|c|8.5|8.5|8.50|8.7|8.7|8.70|
B|9.4|d|8.5|8.4|8.45|8.6|8.5|8.55|
C|9.7|e|9.0|8.9|8.95|8.9|9.0|8.95|
D|9.5|g|8.4|8.4|8.4|8.4|8.4|8.4|8.4|
E|9.9|h|8.8|8.8|8.8|8.8|8.8|8.8|8.8|
Star. 16|8.7|k|9.2|9.2|9.2|9.2|9.2|9.2|
20|7.8|k|9.4|9.4|9.4|9.4|9.4|9.4|9.4|
22|7.7|k|9.9|9.9|9.9|9.9|9.9|9.9|9.9|
21|8.7|a|8.3|8.3|8.3|8.3|8.3|8.3|8.3|
25|7.3|b|8.2|8.2|8.2|8.2|8.2|8.2|8.2|
24|7.5|c|8.5|8.5|8.5|8.5|8.5|8.5|8.5|
4|7.8|d|8.4|8.4|8.4|8.4|8.4|8.4|8.4|
5|8.1|e|8.9|8.9|8.9|8.9|8.9|8.9|8.9|
1|7.3|8.3|8.3|8.3|8.3|8.3|8.3|8.3|
2|8.3|8.3|8.3|8.3|8.3|8.3|8.3|8.3|
6|8.3|8.3|8.3|8.3|8.3|8.3|8.3|8.3|
10|8.7|8.7|8.7|8.7|8.7|8.7|8.7|8.7|
[[9 columned table]]
[[right margin]]See Bk 33 hage 115[[/right margin]]

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142

T' Plates

21^[[h]] +15

Scale "C"

[[May 18, 1908]]

* 35296

Pol.

[[16 column table]]

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

a | 4.8 | 4.9 | 4.8 | 4.83 | 010 | +154313 | 25 | 8.5 | 8.4 | 8.5 | 8.47 | 010 | B | 9.9 | 9.5

b | 6.4 | 6.3 | 6.3 | 6.33 | 100 | +154301 | 24 | 8.3 | 8.3 | 8.30 | 000 | 6 | 7 | 9.9

c | 7.1 | 7.1 | 7.0 | 7.07 | 001 | +144486 | 4 | 7.4 | 7.4 | 7.3 | 7.37 | 001 | D | 7 | 10.1

d | 8.4 | 8.3 | 8.3 | 8.33 | 100 | +144519 | 5 | 6.7 | 7.5 | 7.4 | 7.4 | 7.43 | 100 | E | F | F

e | 8.7 | 8.6 | 8.6 | 8.63 | 100 | +144532 | 1 | 6.0 | 9.2 | 9.2 | 9.20 | 121 | 116 | 8.9.X

f | 9.1 | 9.1 | 9.1 | 9.10 | 000 | +154334 | ~~21~~ ~~16~~

g | 9.7 | 9.7 | 9.7 | 9.40 | 000 | +134612 | 6 | 7.4 | 9.2 | 9.2 | 9.1 | 9.17 | 001 | 22

h | 10.1 | | | +134604 | 10 | 8.7 | 8.5 | 8.5 | 8.57 | 111 | 21 | 9.2 | 001

MP 1 | 6.1 | 6.1 | 6.0 | 6.04 | Pol. | a | 4.9 | | | | | 2.5 | 8.4

2 | 6.7 | 6.6 | 6.6 | 6.63 | 100 | f | 6.3 | | | | | 24 | 8.3

3 | 8.2 | 8.1 | 8.4 | 8.23 | 012 | c | 7.1 | | | | | 4 | 7.4

4 | 6.2 | 6.1 | 6.2 | 6.14 | 010 | d | 8.3 | | | | | 5 | 7.4

5 | 6.8 | 6.7 | 6.8 | 6.77 | 010 | e | 8.6 | | | | | 1 | 8.7

6 | 8.4 | 8.5 | 8.5 | 8.47 | 100 | f | 9.1 | | | | | 2 | 8.7

7 | 7.5 | 7.3 | 7.3 | 7.37 | 111 | g | 9.7 | | | | | 6 | 9.2

8 | 7.7 | 7.7 | 7.6 | 7.67 | 001 | h | | | | | | 10 | 8.5

9 | 9.2 | 9.0 | 9.2 | 9.13 | m.p. | 1 | 6.1 | | Pol. | | a | 4.8

10 | 9.9 | 9.7 | 9.7 | 9.77 | 111 | 2 | ~~6.4~~ | | | | | 6.6 | | | | | b | 6.3

A | ~~10.0~~ | ~~9.3~~

| ~~9.9~~ | ~~9.2~~

| ~~9.9~~ | ~~9.3~~

| ~~9.97~~ | ~~9.27~~ | 3 | 8.1 |

B | ~~9.9~~ | ~~9.7~~

| ~~9.5~~ |

| ~~9.9~~ | ~~9.7~~

| ~~9.90~~ | ~~9.63~~ | 4 | 6.1 | d | 8.3 |

C | 10.0 | 9.9 | 10.0 | 9.97 | 5 | 6.7 | e | 8.6 |

D | 10.1 | 10.1 | 10.2 | 10.13 | 6 | 8.5 | f | 9.1 |

E | F | F | F | 7 | 7.3 | g | 9.7 |

Star. ^[[+14 4551]] | ~~16~~ | Z

| ~~9.2~~ | ~~8.7~~

| ~~8.7~~ | ~~8.9~~ | 8.7 | 8.77 |

11 | 1 | 8 | 7.7 | h | - |

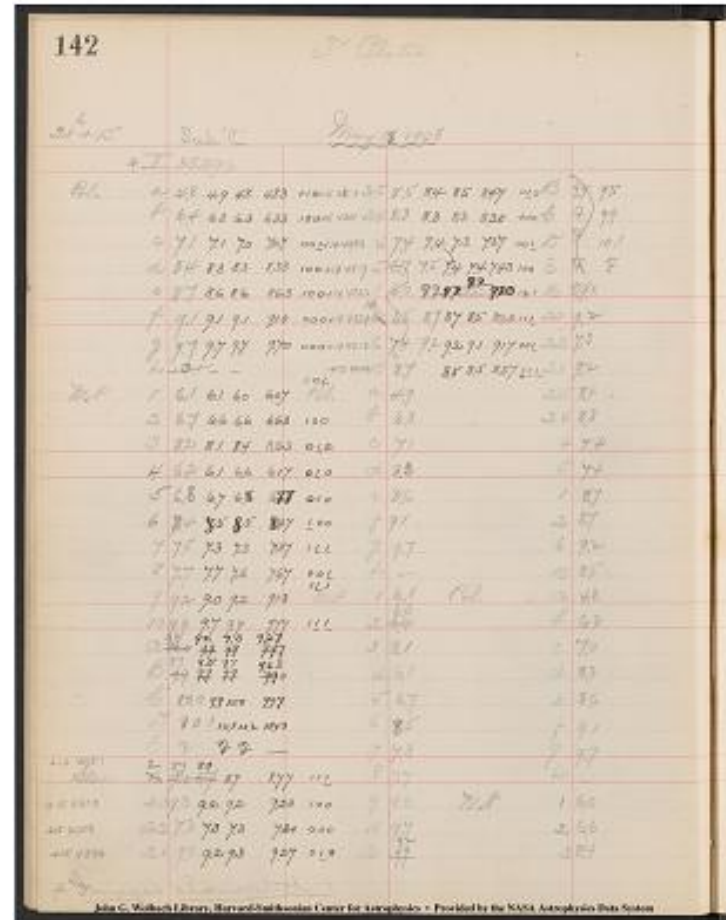
+15 4310 20 | 9.3 | 9.2 | 9.2 | 9.23 | 100 | 9 | 9.0 | MP 1 | 6.0 |

+15 4358 22 | 7.3 | 7.3 | 7.3 | 7.30 | 000 | 10 | 9.7 | 2 | 6.6 |

+15 4336 21 | 9.3 | 9.2 | 9.3 | 9.27 | 0 | 1 | 0 A

| ~~9.9~~ | ~~9.2~~ | 3 | 8.4 |

*[[Images]] longated



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143
 T' plate
 21 +15 May 18, 1908
 I 35296
 4 6.2
 5 6.8
 6 8.5
 7 7.3
 8 7.6
 9 9.2
 10 9.7
 a ~~9.9~~ 9.3
 B ~~9.9~~ 9.7
 c ~~F~~ 10.0
 D ~~F~~ 10.2
 E ~~F~~ F
 Stan. 16 8.7
 20 9.2
 22 7.3
 21 9.3
 25 8.5
 24 8.3
 4 7.3
 5 7.4
 18.9
 2 8.5
 6 9.1
 10 8.5
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143
 21+15 May 18, 1908
 I 35296
 4 6.2
 5 6.8
 6 8.5
 7 7.3
 8 7.6
 9 9.2
 10 9.7
 a ~~9.9~~ 9.3
 B ~~9.9~~ 9.7
 c ~~F~~ 10.0
 D ~~F~~ 10.2
 E ~~F~~ F
 Stan. 16 8.7
 20 9.2
 22 7.3
 21 9.3
 25 8.5
 24 8.3
 4 7.3
 5 7.4
 18.9
 2 8.5
 6 9.1
 10 8.5

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 or 32
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144 T' Plates

15(h above 5) - 15 May 26, 1908

4 columns

135292
Pol. a 4.9 5.0 4.9 4.93 24 8.9 8.9 8.9 8.90 b 97
b 6.3 6.3 6.2 6.27 25 9.2 9.2 9.2 9.20 c 99
c 7.1 7.0 6.9 7.00 4 9.7 9.6 9.7 9.67 d 10.0
d 8.2 8.2 8.2 8.20 25 9.5 9.6 9.5 9.53 e 10.1
e 8.5 8.5 8.4 8.47 1 8.1 8.1 8.2 8.13 Stars 16 8.1
f 9.1 8.9 8.9 8.97 2 9.0 9.2 9.2 9.13 20 9.9
g 9.8 9.7 9.7 9.73 6 8.3 8.2 8.2 8.23 22 9.9
h 10.2 10.0 10.1 10.10 10 8.9 8.7 8.7 8.77 21 8.7
k Pol. a 5.0 25 9.1
M.P. 1 5.6 5.8 5.7 5.70 b 6.3 24 8.9
2 5.9 6.0 5.9 5.93 c 7.0 4 9.6
3 5.6 5.8 5.7 5.70 d 8.2 5 9.1
4 7.9 7.8 7.8 7.83 e 8.5 1 8.1
5 8.2 8.3 8.1 8.20 f 8.9 2 9.2
6 8.1 8.2 8.1 8.13 g 9.7 6 8.2
7 7.9 7.8 7.8 7.83 h 10.0 10 8.7
8 8.8 8.7 8.7 8.73 k Pol. a 4.9
9 9.5 9.5 9.3 9.43 MP. 1 5.8 b 6.2
10 9.7 9.6 9.7 9.67 2 6.0 c 6.9
a 9.6 9.5 9.6 9.57 3 5.8 d 8.2
b 9.9 9.7 9.7 9.77 4 7.8 e 8.4
c 10.2 9.9 9.9 10.00 5 8.3 f 8.9
d F 10.0 10.1 10.03 6 8.2 g 9.7
e F 10.1 10.2 10.17 7 7.9 h 10.1
Stars 16 8.2 8.1 8.2 8.17 8 8.7 k
20 10.0 9.9 10.0 9.97 9 9.5 MP. 1 5.7
22 9.0 8.9 8.9 8.97 10 9.6 2 5.9
21 8.6 8.7 8.7 8.64 a 9.5 3 5.7

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144 T' Plates			
15(h above 5) - 15 May 26, 1908			
4 columns			
135292			
Pol. a	4.9 5.0 4.9 4.93	24 8.9 8.9 8.9 8.90	b 97
b	6.3 6.3 6.2 6.27	25 9.2 9.2 9.2 9.20	c 99
c	7.1 7.0 6.9 7.00	4 9.7 9.6 9.7 9.67	d 10.0
d	8.2 8.2 8.2 8.20	25 9.5 9.6 9.5 9.53	e 10.1
e	8.5 8.5 8.4 8.47	1 8.1 8.1 8.2 8.13	Stars 16 8.1
f	9.1 8.9 8.9 8.97	2 9.0 9.2 9.2 9.13	20 9.9
g	9.8 9.7 9.7 9.73	6 8.3 8.2 8.2 8.23	22 9.9
h	10.2 10.0 10.1 10.10	10 8.9 8.7 8.7 8.77	21 8.7
k	Pol. a 5.0	25 9.1	
M.P.	1 5.6 5.8 5.7 5.70	b 6.3	24 8.9
	2 5.9 6.0 5.9 5.93	c 7.0	4 9.6
	3 5.6 5.8 5.7 5.70	d 8.2	5 9.1
	4 7.9 7.8 7.8 7.83	e 8.5	1 8.1
	5 8.2 8.3 8.1 8.20	f 8.9	2 9.2
	6 8.1 8.2 8.1 8.13	g 9.7	6 8.2
	7 7.9 7.8 7.8 7.83	h 10.0	10 8.7
	8 8.8 8.7 8.7 8.73	k	Pol. a 4.9
	9 9.5 9.5 9.3 9.43	MP. 1 5.8	b 6.2
	10 9.7 9.6 9.7 9.67	2 6.0	c 6.9
	a 9.6 9.5 9.6 9.57	3 5.8	d 8.2
	b 9.9 9.7 9.7 9.77	4 7.8	e 8.4
	c 10.2 9.9 9.9 10.00	5 8.3	f 8.9
	d F 10.0 10.1 10.03	6 8.2	g 9.7
	e F 10.1 10.2 10.17	7 7.9	h 10.1
Stars	16 8.2 8.1 8.2 8.17	8 8.7	k
	20 10.0 9.9 10.0 9.97	9 9.5	MP. 1 5.7
	22 9.0 8.9 8.9 8.97	10 9.6	2 5.9
	21 8.6 8.7 8.7 8.64	a 9.5	3 5.7

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T' Plates.

15h -15

SC "M"

May 26, 1908

[[3 Column Table]]

I35292 |Faint Stars

||I28828| I35292

4 7.8 g 8.5 8.4 8.45

5 8.1 H 8.7 8.4 8.40

6 8.1 k 9.3 9.2 9.25 9.3 9.3 9.30

7. 8.0 k2 9.5 9.4 9.45

15-15			May 26, 1908			145		
I35292			Faint Stars			I35292		
4. 7.8			g 8.5	8.4	8.45	4. 7.8		
5. 8.1			H 8.7	8.4	8.40	5. 8.1		
6. 8.1			k 9.3	9.2	9.25	6. 8.1		
7. 8.0			k2 9.5	9.4	9.45	7. 8.0		
8. 8.1						8. 8.1		
9. 8.2						9. 8.2		
10. 8.3						10. 8.3		
11. 8.4						11. 8.4		
12. 8.5						12. 8.5		
13. 8.6						13. 8.6		
14. 8.7						14. 8.7		
15. 8.8						15. 8.8		
16. 8.9						16. 8.9		
17. 9.0						17. 9.0		
18. 9.1						18. 9.1		
19. 9.2						19. 9.2		
20. 9.3						20. 9.3		
21. 9.4						21. 9.4		
22. 9.5						22. 9.5		
23. 9.6						23. 9.6		
24. 9.7						24. 9.7		
25. 9.8						25. 9.8		
26. 9.9						26. 9.9		
27. 10.0						27. 10.0		
28. 10.1						28. 10.1		
29. 10.2						29. 10.2		
30. 10.3						30. 10.3		
31. 10.4						31. 10.4		
32. 10.5						32. 10.5		
33. 10.6						33. 10.6		
34. 10.7						34. 10.7		
35. 10.8						35. 10.8		
36. 10.9						36. 10.9		
37. 11.0						37. 11.0		
38. 11.1						38. 11.1		
39. 11.2						39. 11.2		
40. 11.3						40. 11.3		
41. 11.4						41. 11.4		
42. 11.5						42. 11.5		
43. 11.6						43. 11.6		
44. 11.7						44. 11.7		
45. 11.8						45. 11.8		
46. 11.9						46. 11.9		
47. 12.0						47. 12.0		
48. 12.1						48. 12.1		
49. 12.2						49. 12.2		
50. 12.3						50. 12.3		
51. 12.4						51. 12.4		
52. 12.5						52. 12.5		
53. 12.6						53. 12.6		
54. 12.7						54. 12.7		
55. 12.8						55. 12.8		
56. 12.9						56. 12.9		
57. 13.0						57. 13.0		
58. 13.1						58. 13.1		
59. 13.2						59. 13.2		
60. 13.3						60. 13.3		
61. 13.4						61. 13.4		
62. 13.5						62. 13.5		
63. 13.6						63. 13.6		
64. 13.7						64. 13.7		
65. 13.8						65. 13.8		
66. 13.9						66. 13.9		
67. 14.0						67. 14.0		
68. 14.1						68. 14.1		
69. 14.2						69. 14.2		
70. 14.3						70. 14.3		
71. 14.4						71. 14.4		
72. 14.5						72. 14.5		
73. 14.6						73. 14.6		
74. 14.7						74. 14.7		
75. 14.8						75. 14.8		
76. 14.9						76. 14.9		
77. 15.0						77. 15.0		
78. 15.1						78. 15.1		
79. 15.2						79. 15.2		
80. 15.3						80. 15.3		
81. 15.4						81. 15.4		
82. 15.5						82. 15.5		
83. 15.6						83. 15.6		
84. 15.7						84. 15.7		
85. 15.8						85. 15.8		
86. 15.9						86. 15.9		
87. 16.0						87. 16.0		
88. 16.1						88. 16.1		
89. 16.2						89. 16.2		
90. 16.3						90. 16.3		
91. 16.4						91. 16.4		
92. 16.5						92. 16.5		
93. 16.6						93. 16.6		
94. 16.7						94. 16.7		
95. 16.8						95. 16.8		
96. 16.9						96. 16.9		
97. 17.0						97. 17.0		
98. 17.1						98. 17.1		
99. 17.2						99. 17.2		
100. 17.3						100. 17.3		

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Measures of Seg for M3 - also additional stars meas by E.C.P.

[[underline]] (Scale I 15350) | June 3, 1908 [[underline]]

X8563

a | 5.5
b | 5.5
c | 6.0
d | 6.3
e | 6.5
f | 6.9
g | 7.2
h | 7.5
k | 7.8
l | 8.0
m | 8.2
n | 8.5
o | 8.9
p | 9.3

[[center of page, three column table]]
| Br. | Est

a | ~~[[strikethrough]]~~ B. Br. 1.8 ~~[[strikethrough]]~~ ^{1.8=1.5} ~~[[strikethrough]]~~ ^{[[N.S.]]} | a 10
b | 3.7 ~~[[strikethrough]]~~ 2.0 3.8 ~~[[strikethrough]]~~ | b 1 c
c | 3.9 ~~[[strikethrough]]~~ 2.1 3.9 ~~[[strikethrough]]~~ | c 5 d
d | 4.3 ~~[[strikethrough]]~~ 2.6 4.3 ~~[[strikethrough]]~~ | d 7 d'
d' | 5.0 ~~[[strikethrough]]~~ 3.2 4.9 ~~[[strikethrough]]~~ | d' 3 e
e | 5.2 ~~[[strikethrough]]~~ 3.6 5.1 ~~[[strikethrough]]~~ | e ? f
f | ~~[[strikethrough]]~~ 4.9 ~~[[strikethrough]]~~ 6.1 ~~[[strikethrough]]~~ 7.1
~~[[strikethrough]]~~ | f 4 g
g | ~~[[strikethrough]]~~ 5.4 ~~[[strikethrough]]~~ 6.5 ~~[[strikethrough]]~~ 7.5
~~[[strikethrough]]~~

[[bottom of page, left side]]

X 9204

a | 5.4
b | 5.3
c | 6.1
d | 6.3
e | 6.7
f | 7.1
g | 7.3
h | 7.5
k | 7.7
l | 7.9
m | 8.2
n | 8.6
o | 8.9
p | 9.5

~~[[strikethrough]]~~ A10 ~~[[strikethrough]]~~ (Kuler 10)⁴ ~~[[strikethrough]]~~ (Scale I 32811))

a | 5.4
b | 5.6
c | 6.1

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Measure of Seg for M3 - also additional stars meas by E.C.P.

(Scale I 15350) June 3, 1908 (Scale I 32811)

Star	Br.	Est	Star (Kuler 10)
a 5.5	a 5.5	a 5.5	a 5.5
b 5.5	b 5.5	b 5.5	b 5.5
c 6.0	c 6.0	c 6.0	c 6.0
d 6.3	d 6.3	d 6.3	d 6.3
e 6.5	e 6.5	e 6.5	e 6.5
f 6.9	f 6.9	f 6.9	f 6.9
g 7.2	g 7.2	g 7.2	g 7.2
h 7.5	h 7.5	h 7.5	h 7.5
k 7.8	k 7.8	k 7.8	k 7.8
l 8.0	l 8.0	l 8.0	l 8.0
m 8.2	m 8.2	m 8.2	m 8.2
n 8.5	n 8.5	n 8.5	n 8.5
o 8.9	o 8.9	o 8.9	o 8.9
p 9.3	p 9.3	p 9.3	p 9.3

Additional stars meas by E.C.P.

Star	Br.	Est
a 5.5	a 5.5	a 5.5
b 5.5	b 5.5	b 5.5
c 6.0	c 6.0	c 6.0
d 6.3	d 6.3	d 6.3
e 6.5	e 6.5	e 6.5
f 6.9	f 6.9	f 6.9
g 7.2	g 7.2	g 7.2
h 7.5	h 7.5	h 7.5
k 7.8	k 7.8	k 7.8
l 8.0	l 8.0	l 8.0
m 8.2	m 8.2	m 8.2
n 8.5	n 8.5	n 8.5
o 8.9	o 8.9	o 8.9
p 9.3	p 9.3	p 9.3

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d | 6.3
e | 6.7
f | 7.0
g | 7.2
h | 7.5
k | 7.6
l | 7.9
m | 8.2
n | 8.5
o | 8.7
p | 9.5
[[bracket coupling letters a-g below are captioned:]] Additional stars
measured by E.C.P. June 4, '08
a | B -
b | 2.3 2.1
c | 2.4 2.2
d | 2.9 2.7
d' | 3.7
e | 3.9
f | 5.5
g | ~~6.0~~ 6.1
[[the same stars, a-g, are listed to the left of the initial list with an arrow]]
a | 1.0^[[B]] ?
b | 3.6 3.3
c | 3.6 3.3
d | 4.1 3.8
d' | 4.9 4.6
e | 5.2 4.9
f | 6.1 5.8
g | ~~6.4~~ 6.5 6.2

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T' Plate

[[underline]] August 11, 1909 [[/underline]]

Reg. 6.40 +45 | 35052

Pol. a | 5.2 | 5.2 | 5.1 | 5.17 | 001+441527 | 5 | 8.5 | 8.5 | 8.5 | 8.50000 | 22 | 7.8 |

b | 6.7 | 6.5 | 6.6 | 6.60 | 110+441539 | 1 | 7.5 | 7.4 | 5.47001 | 21 | 8.2 |

c | 7.3 | 7.2 | 7.2 | 7.23 | 100+441548 | 2 | 8.6 | 8.8 | 8.8 | 8.73111 | 25 | 7.8 |

d | 8.2 | 8.1 | 8.1 | 8.13 | 100+431605 | 6 | 7.7 | 7.8 | 7.8 | 7.77100 | 24 | 8.3 |

e | 8.7 | 8.5 | 8.5 | 8.57 | 111+431593 | 10 | 7.9 | 7.8 | 7.8 | 7.83100 | 4 | 8.2 |

f | 9.1 | 9.0 | 9.0 | 9.03 | 100 | Pol. a | 5.2 | 5 | 8.5 |

h | 9.7 | 9.7 | 9.7 | 9.70 | 000 | b | 6.5 | 1 | 7.5 |

k | 10.2 | 10.2 | 10.2 | 10.20 | 000

M.P. | 8.4 | 8.5 | 8.5 | 8.57 | 011 | c | 7.2 | 2 | 8.8

2 | 8.5 | 8.3 | 8.4 | 8.40 | 110 | d | 8.1 | 6 | 7.8

3 | 6.2 | 6.3 | 6.1 | 6.20 | 011 | e | 8.5 | 10 | 7.8

4 | 6.9 | 7.0 | 6.9 | 6.93 | 010 | f | 9.0 | Pol. a | 5.1

5 | 7.2 | 7.2 | 7.1 | 7.17 | 001 | h | 9.7 | b | 6.6

6 | 7.8 | 8.1 | 7.7 | 7.87 | 122 | I^([K])^([8.5]) | 102 | c | 7.2

7 | 7.5 | 7.5 | 7.5 | 7.50 | 000 | 2 | 8.3 | d | 8.1

8 | 7.7 | 7.7 | 7.8 | 7.73 | 001 | 3 | 6.3 | e | 8.5

9 | 8.7 | 8.5 | 8.7 | 8.63 | 111 | 4 | 7.0 | f | 9.0

10 | 8.5 | 8.5 | 8.5 | 8.50 | 000 | 5 | 7.2 | h | 9.7

a | 8.9 | 9.0 | 8.9 | 8.93 | 010 | 6 | 8.1 | k | 10.2

b | 8.7 | 8.7 | 8.6 | 8.67 | 001 | 7 | 7.5 | M.P. | 8.6

c | 9.8 | 9.9 | 9.9 | 9.87 | 100 | 8 | 7.7 | 2 | 8.4

d | 10.0 | 10.1 | 10.1 | 10.07 | 100 | 9 | 8.5 | 3 | 6.1

e | [[hat]]+[[\hat]] | [[hat]]+[[\hat]] | [[hat]]+[[\hat]] | [[hat]]+[[\hat]] | _ | _ | 10 | 8.5 | 4 |

6.9

St +46 1195 | 16 | 8.3 | 8.3 | 8.3 | 8.30 | 000 | A | 9.0 | 5 | 7.1

+46 1184 | 20 | 7.5 | 7.4 | 7.5 | 7.47 | 010 | B | 8.7 | 6 | 7.7

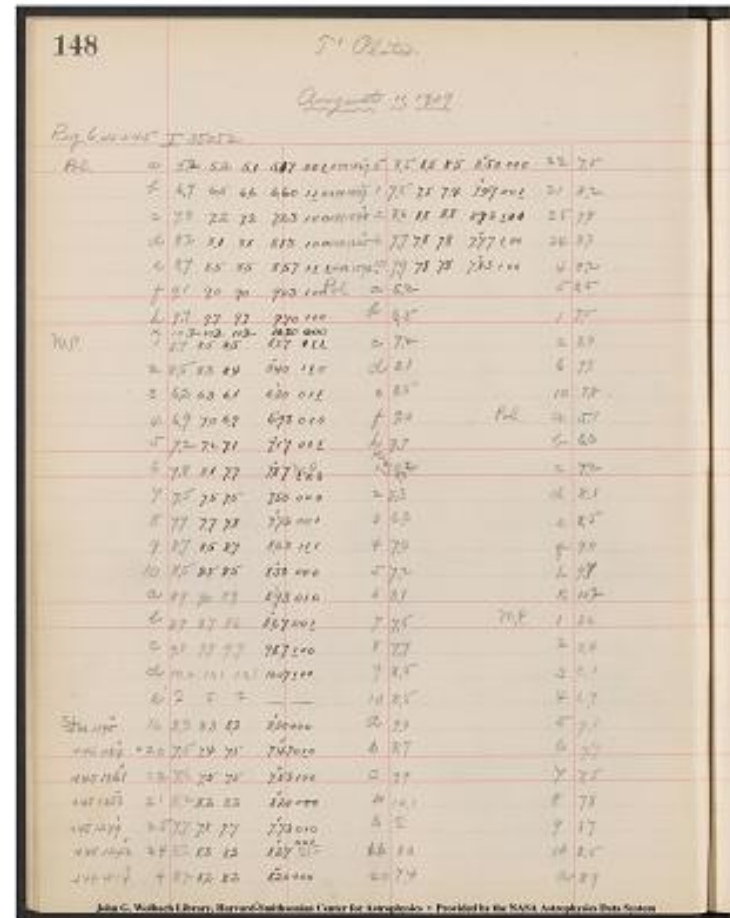
+45 1361 | 22 | 7.6 | 7.5 | 7.5 | 7.53 | 100 | C | 9.9 | 7 | 7.5

+45 1356 | 21 | 8.2 | 8.2 | 8.2 | 8.20 | 000 | D | 10.1 | 8 | 7.8

+45 1349 | 25 | 7.7 | 7.8 | 7.7 | 7.73 | 010 | E | [[?]] | 9 | 8.7

+45 1342 | 24 | 8.3 | 8.3 | 8.2 | 8.27 | 001 | S | 16 | 8.3 | 10 | 8.5

+44 1514 | 4 | 8.2 | 8.2 | 8.2 | 8.20 | 000 | 20 | 7.4 | a | 8.9



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 [[2 columned table]]
 B | 8.6
 C | 9.9
 D | 10.1
 E | 7
 ST 16 | 8.8
 20 | 7.5
 22 | 7.5
 21 | 8.2
 25 | 7.7
 24 | 8.2
 25 | 7.7
 24 | 8.2
 4 | 8.2
 5 | 8.5
 1 | 7.4
 2 | 8.8
 6 | 7.8
 10 | 7.8

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13	8.6
20	7.5
22	7.5
21	8.2
25	7.7
24	8.2
25	7.7
24	8.2
4	8.2
5	8.5
1	7.4
2	8.8
6	7.8
10	7.8
13	8.6
20	7.5
22	7.5
21	8.2
25	7.7
24	8.2
25	7.7
24	8.2
4	8.2
5	8.5
1	7.4
2	8.8
6	7.8
10	7.8

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T' Plates.

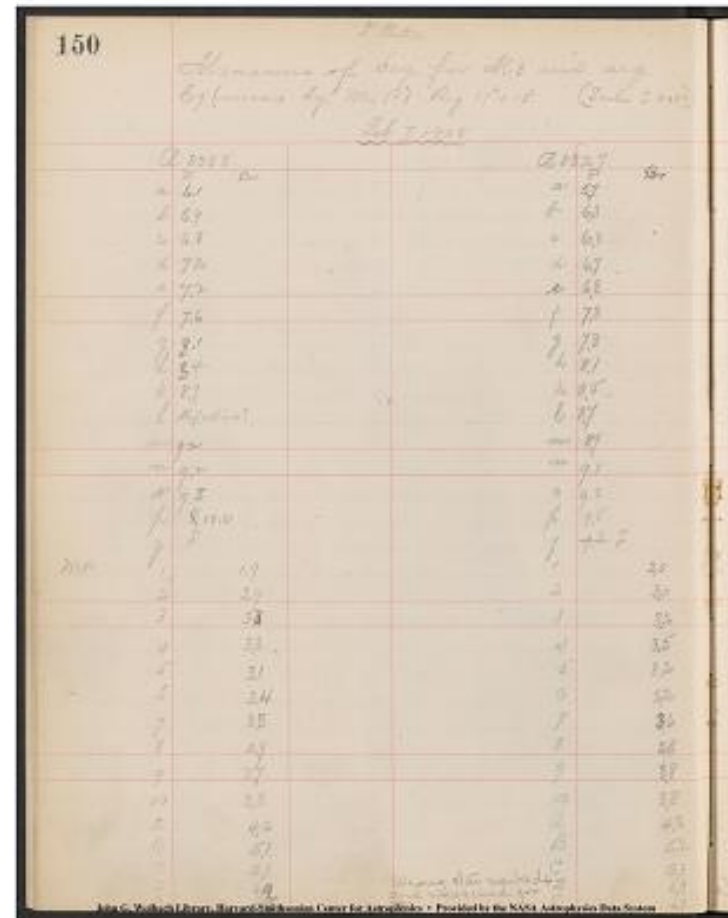
Measures of Seg. for M3 and seg C9 (meas by Mr. P.) Reg 17^h + 15° (Scale C 15350)

Feb 7, 1908

A 8358		A 8327	
F.	Br.	F.	Br.
a	6.1	a	5.7
b	6.9	b	6.3
c	6.8	c	6.3
d	7.2	d	6.7
e	7.2	e	6.8
f	7.6	f	7.3
g	8.1	g	7.8
h	8.4	h	8.1
k	8.9	k	8.5
l	Defective?		8.7
m	9.2	m	8.9
n	9.2	n	9.1
o	9.5	o	9.3
p	10.0	F	10.0
q	9.8	F	9.8
M.P. (left margin)			
1	1.9	1	2.0
2	2.9	2	3.0
3	3.3	3	3.2
4	3.3	4	3.5
5	3.1	5	3.2
6	3.4	6	3.2
7	3.3	7	3.6
8	2.9	8	2.8
9	3.7	9	3.8
10	3.8	10	3.8
A	4.2	A	4.3
B	5.1	B	5.2
C	6.1	C	6.3
D	6.9	D	6.9
E	6.7	E	6.7

Wrong star marked and measured for 'D'

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T' Plates 151
 Measures of Seq. for M3 and seq. for
 b9=(count)
 (Sc. C15350) Feb7, 1908
 [6 columned table]
 a|8358|a|8327||
 |8.|Bn.|F|Bn.|
 a|6.2|a|5.8||
 b|6.8|b|6.3||
 c|6.8|c|6.2||
 d|7.2|d|6.6||
 e|7.3|e|6.9||
 f|7.7|f|7.3||
 g|8.1|g|7.6||
 h|8.5|h|8.0||
 k|9.0|k|8.3||
 ||Defective|||8.6||
 m|9.3|m|8.8||
 n|9.5|n|9.0||
 o|9.5|o|9.2||
 p|[strickethrough{F}] 9.9|p|9.5||
 q|F||q|F||
 1|1.9|1|2.0||
 2|3.0|2|3.1||
 3|3.2|3|3.2||
 4|3.3|4|3.3||
 5|3.2|5|3.2||
 6|[3.4 above stricked through3.2]|6|[3.2]|
 7|3.6|7|3.5||
 8|2.8|8|2.9||
 9|[3.7|9|3.6]|
 10|4.0|10|4.0||
 A|4.3|A|4.4||
 B|5.2|B|5.2||
 C|6.2|C|6.1||
 u.s marked and megs for "d" $\rightarrow D|7.1|D|6.9|$
 |E|6.7|E|6.8|

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Handwritten astronomical data table on page 151, titled "Measures of Seq. for M3 and seq. for b9 = (count)". The table is organized into two columns of measures, with handwritten notes and corrections. The page number "151" is in the top right corner.

Measure	Measure
a 8358 a 8327	a 8358 a 8327
8. Bn. F Bn.	8. Bn. F Bn.
a 6.2 a 5.8	a 6.2 a 5.8
b 6.8 b 6.3	b 6.8 b 6.3
c 6.8 c 6.2	c 6.8 c 6.2
d 7.2 d 6.6	d 7.2 d 6.6
e 7.3 e 6.9	e 7.3 e 6.9
f 7.7 f 7.3	f 7.7 f 7.3
g 8.1 g 7.6	g 8.1 g 7.6
h 8.5 h 8.0	h 8.5 h 8.0
k 9.0 k 8.3	k 9.0 k 8.3
Defective 8.6	Defective 8.6
m 9.3 m 8.8	m 9.3 m 8.8
n 9.5 n 9.0	n 9.5 n 9.0
o 9.5 o 9.2	o 9.5 o 9.2
p [strickethrough{F}] 9.9 p 9.5	p [strickethrough{F}] 9.9 p 9.5
q F q F	q F q F
1 1.9 1 2.0	1 1.9 1 2.0
2 3.0 2 3.1	2 3.0 2 3.1
3 3.2 3 3.2	3 3.2 3 3.2
4 3.3 4 3.3	4 3.3 4 3.3
5 3.2 5 3.2	5 3.2 5 3.2
6 [3.4 above stricked through3.2] 6 [3.2]	6 [3.4 above stricked through3.2] 6 [3.2]
7 3.6 7 3.5	7 3.6 7 3.5
8 2.8 8 2.9	8 2.8 8 2.9
9 [3.7 9 3.6]	9 [3.7 9 3.6]
10 4.0 10 4.0	10 4.0 10 4.0
A 4.3 A 4.4	A 4.3 A 4.4
B 5.2 B 5.2	B 5.2 B 5.2
C 6.2 C 6.1	C 6.2 C 6.1
u.s marked and megs for "d" $\rightarrow D 7.1 D 6.9$	u.s marked and megs for "d" $\rightarrow D 7.1 D 6.9$
E 6.7 E 6.8	E 6.7 E 6.8

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T^r Plates

Measures of faint stars in M.P. seg- for C9 - 17°2 + 15

Feb 21, 1908 (Scale C15350)

---|---|
A 8358|A 8358
---|
A 4.3|A 4.2|
B 5.0|B 5.0|
C 6.1|C 6.0|
D 7.1|D 7.1|
E 6.8|E 6.8|
F 7.5|F 7.4|
G 7.8|G 7.7|
H 8.5|H 8.7|
K 8.7|K 8.8|
L 9.5|L 9.5|
M 9.7|N 9.7|
N 10.0|N 10.0|

A 8327|A 8327|
A 4.2|A 4.1|
B 5.0|B 4.9|
C 5.9|C 6.0|
D 6.9|D 6.8|
E 6.5|E 6.4|
F 7.2|F 7.1|
G 7.6|G 7.5|
H 8.1|H 8.1|
K 8.2|K 8.2|
L 8.9|L 8.8|
M 9.0|M 9.0|
N 9.3|N 9.3|

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152		P. Plates	
		Measures of faint stars in M.P. seg- for C9 - 17°2 + 15	
		Feb 21, 1908	(Scale C15350)
		A 8358	A 8358
A	4.3	A	4.2
B	5.0	B	5.0
C	6.1	C	6.0
D	7.1	D	7.1
E	6.8	E	6.8
F	7.5	F	7.4
G	7.8	G	7.7
H	8.5	H	8.7
K	8.7	K	8.8
L	9.5	L	9.5
M	9.7	M	9.7
N	10.0	N	10.0
		A 8327	A 8327
A	4.2	A	4.1
B	5.0	B	4.9
C	5.9	C	6.0
D	6.9	D	6.8
E	6.5	E	6.4
F	7.2	F	7.1
G	7.6	G	7.5
H	8.1	H	8.1
K	8.2	K	8.2
L	8.9	L	8.8
M	9.0	M	9.0
N	9.3	N	9.3

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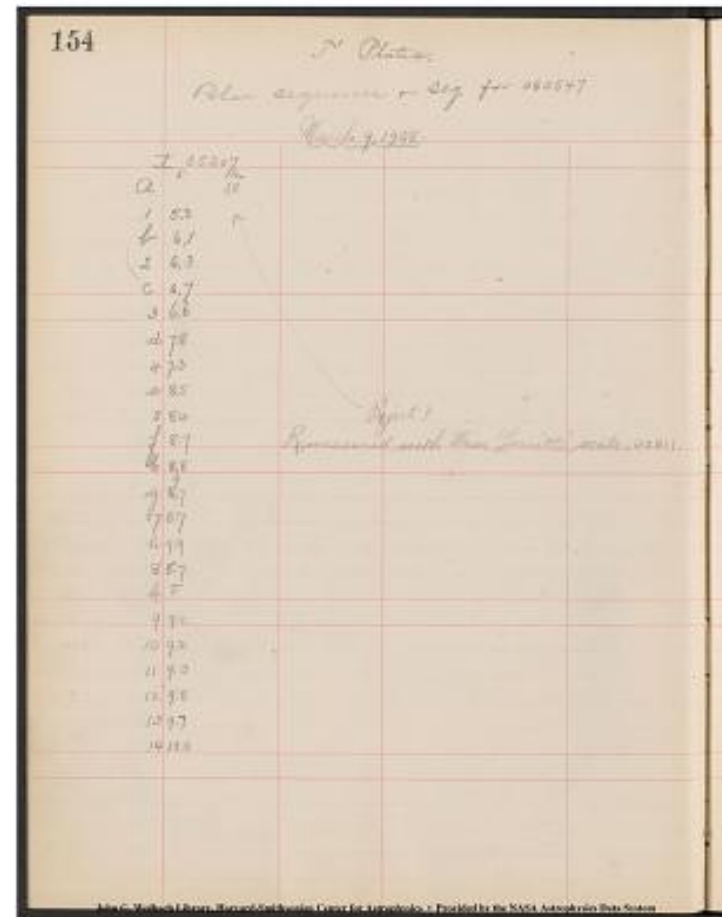


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154
T plates
Polar Sequence & Seq for 060547
March 9, 1908.

I 35207
| F. Br.
a | 3.8
1 | 5.3
b | 6.1
2 | 6.3
c | 6.7
3 | 6.6
d | 7.8
4 | 7.3
e | 8.5
5 | 8.4
f | 8.7 ^[[Reject ? Remeasured with Miss Leavitt's scale, 32811.]]
6 | 8.8
g | ~~8~~ ~~9.7~~
7 | 8.7
h | 9.9
8 | 8.7
k | F
9 | 9.2
10 | 9.2
11 | 9.3
12 | 9.5
13 | 9.7
14 | 10.0

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155

T' Plates.

Polar sequence & others.

Reg 1^[[h]] -15 Aug 17,09

I34354

[[two column table]]

| |

Pol a | 5.2 5.0 5.1 5.10

b | 6.4 6.3 6.4 6.37

c | 7.2 7.1 7.1 7.13

d | 7.9 8.0 8.1 8.00

e | 8.3 8.3 8.4 8.33

f | 8.6 8.7 8.9 8.43

h | 9.5 9.7 9.7 9.67

k | 10.1 10.1 10.2 10.13

1 | 6.9 6.9 6.8 6.87

2 | 7.0 6.9 6.9 6.93

3 | 7.4 7.5 7.5 7.47

4 | 7.9 8.0 8.0 7.97

5 | 7.9 7.8 7.8 7.83

6 | 7.7 7.7 7.8 7.73

7 | 8.7 8.9 8.7 8.77

8 | 8.6 8.7 8.7 8.67

9 | 8.7 8.7 8.8 8.73

10 | 8.7 8.8 8.8 ~~8.20~~^[[8.77]]

[[bracket coupling A-E in left hand margin reads:]] Stars are marked on B22109 [[/left margin]] A | 9.5 9.4 9.5 9.47

B | 9.8 9.7 9.7 9.73

C | 9.5 9.5 9.6 9.53

D | 9.8 9.9 9.8 9.83

E | 10.1 10.2 10.2 10.17

St 16 | 8.3 8.4 8.4 8.37^[[[[checkmark]]]]

20 | 8.1 8.3 8.3 8.23^[[[[checkmark]]]]

24 | 8.4 8.3 8.5 8.40^[[[[checkmark]]]]

25 | 9.2 9.3 9.3 9.27^[[[[checkmark]]]]

21 | 8.7 8.7 8.5 8.63^[[[[checkmark]]]]

22 | 8.3 8.3 8.2 8.27^[[[[checkmark]]]]

[[table continues into a column towards the center of page to the right]]

I34354

4 | 8.3 8.2 8.2 8.23^[[[[checkmark]]]]

5 | 8.7 8.7 8.7 8.70^[[[[checkmark]]]]

1 | 9.3 9.4 9.3 9.33

2 | 8.5 8.6 8.5 8.53^[[[[checkmark]]]]

6 | 9.1 9.1 9.3 9.17^[[[[checkmark]]]]

10 | 8.9 9.1 9.2 9.07^[[[[checkmark]]]]

Pol a | 5.0

b | 6.3

c | 7.1

d | 8.0

e		8.3
f		8.7
h		9.7
k		10.1
1		6.9
2		6.9
3		7.5
4		8.0
5		7.8
6		7.7
7		8.9
8		8.7
9		8.7
10		8.8
A		9.4
B		9.7
C		9.5
D		9.9
E		10.2

[[table continues into a column towards the center of page to the right]]

St 16		8.4
20		8.3
24		8.3
25		9.3
21		8.7
22		8.3
4		8.2
5		8.7
1		9.4
2		8.6
6		9.1
10		9.1
Pol a		5.1
b		6.4
c		7.1
d		8.1
e		8.4
f		8.9
h		9.7
k		n.s.
MP 1		6.8
2		6.9
3		7.5
4		8.0
5		7.8
6		7.8
7		8.7
8		8.7
9		8.8

[[table continues into a column towards the right side of page]]

I34354

10		8.8
a		9.5
B		9.7

c		9.6
D		9.8
E		10.2
16		8.4
20		8.3
24		8.5
25		9.3
21		8.5
22		8.2
4		8.2
5		8.8
1		9.3
2		8.5
6		9.3
10		9.2
Ft. Stars.		
g		8.1 8.2 8.15
h		8.5 8.5 8.50
k		9.0 9.0 9.00
k ^{[[2]]}		9.1 9.0 9.05
k ^{[[3]]}		9.5 9.5 9.50
a		8.3 8.3 8.30
b		8.7 8.6 8.65
c		8.2 8.3 8.25
d		8.7 8.8 8.75
e		9.7 9.5 9.60

[[table continues into a final column on the right side of page]]

g		8.2
h		8.5
K		9.0
K ^{[[2]]}		9.0
K ^{[[3]]}		9.5
a		8.3 8.2
b		8.6 8.5
c		8.3 8.3
d		8.8 8.5
e		9.5 9.3
I 34369		
g		8.1 8.1 8.10
h		8.5 8.4 8.45
k		9.0 8.9 9 8.95
k ^{[[2]]}		9.2 9.1 9.15
k ^{[[3]]}		9.5 9.5 9.50
A		8.2 8.2 8.20
B		8.5 8.8 8.65
C		8.3 8.3 8.30
D		8.6 8.5 8.55
E		9.3 9.3 9.30
g		8.1
h		8.4
k		8.9
k ^{[[2]]}		9.1
k ^{[[3]]}		9.5
A		8.2
B		8.5
C		8.3
D		9.5
E		9.3

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156

T' Plates.

Polar sequence & seq. for 060547

March 9, 1908

Scale # 32811 I.S.G. recorder.

I35207

[9 columned table]

| F|Br. | F|Br. | | |

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

A|1.9|1.7|A|1.8|1.6|1.85|a|4.55|

1|~~3.4~~3.4|~~3.4~~3.4|~~3.2~~3.2|~~2~~2|~~gh~~0|1

~~3.9~~3.9|~~3.2~~3.2|~~3.1~~3.1|~~2~~2|~~30~~30|~~3.15~~3.15| | |

b|3.9|3.7|b|4.0|3.8|3.95|b|4.03|

2|3.9| |2|4.0| |3.95| | |

c|4.3| |c|4.3| |4.30|c|4.66|

3|4.2| |3|4.1| |4.15| | |

d|6.1| |d|6.2| |6.15|d|4.06|

4|5.4| |4|5.3| |5.35| | |

e|6.4| |3|6.5| |6.45|e|4.19|

5|~~6.5~~6.5|~~6.9~~6.9| |5|6.7| |6.60| | |

f|~~6.7~~6.7|~~7.0~~7.0| |f|7.1| |7.05|f|4.14|

6|~~6.7~~6.7|~~7.1~~7.1|~~7.0~~7.0| |6|7.0|

~~7.05~~7.05|~~6.85~~6.85| | |

g|8.5| |g|8.8| |8.65|g|~~3.85~~3.85|~~4.01~~4.01|~~6.45~~6.45| | |

7|6.4| |7|6.5| |~~6.85~~6.85|~~6.45~~6.45| | |

h|9.0| |h|9.0| |9.00|h|3.70|

8|6.9| |8|6.8| |6.85| | |

k|9.5| |k|9.4| |9.45|k|3.82|

9|7.5| |9|7.5| |~~7.40~~7.40|~~7.50~~7.50| | |

k^~~2~~2|9.7| |k^~~2~~2|9.5| |9.60|k^~~2~~2|3.85|

10|7.4| |10|7.7| |7.55| | |

k^~~3~~3|10.0| |k^~~3~~3|9.8| |9.90|k^~~3~~3|3.86|

11|7.7| |11|7.9| |7.80| | |

12|8|~~2~~2|~~3~~3|~~12~~12|8.3|

~~8.20~~8.20|~~8.30~~8.30| | |

13|8.5| |13|8.5| |8.50| | |

14|8.7| |14|8.7| |8.70| | |

15|8.9| |15|9.1| |9.00| | |

16|9.3| |16|9.4| |9.35| | |

17|9.9| |17|9.9| |9.90| | |

18|10.1| |18|10.1| |10.10| | |

19|10.1| |19|10.1| |10.10| | |

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156

T' Plates

Polar sequence & seq. for 060547

1	2	3	4	5	6	7	8	9
1.9	1.7	1.8	1.6	1.85	a	4.55		
3.4	3.4	3.2	2	gh	0	1		
3.9	3.7	4.0	3.8	3.95	b	4.03		
4.3	4.3	4.30	c	4.66				
4.2	4.1	4.15						
6.1	6.2	6.15	d	4.06				
5.4	5.3	5.35						
6.4	6.5	6.45	e	4.19				
6.5	6.9	6.7	7.0	6.60				
6.7	7.0	7.1	7.05	f	4.14			
6.7	7.1	7.0	7.0	6.7				
7.05	6.85							
8.5	8.8	8.65	g	3.85	4.01	6.45		
7.6	7.5	6.85	6.45					
9.0	9.0	9.00	h	3.70				
6.9	6.8	6.85						
9.5	9.4	9.45	k	3.82				
7.5	7.5	7.40	7.50					
9.7	9.5	9.60	k^2	3.85				
7.4	7.7	7.55						
10.0	9.8	9.90	k^3	3.86				
7.7	7.9	7.80						
8	2	3	12	8.3				
8.20	8.30							
8.5	8.5	8.50						
8.7	8.7	8.70						
8.9	9.1	9.00						
9.3	9.4	9.35						
9.9	9.9	9.90						
10.1	10.1	10.10						
10.1	10.1	10.10						

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a	2.5	2.3	2.4	2.2	2.45	a 3.95
b	3.3	3.1	1	3.3	3.1	3.310 25
		4.2	4.3		4.25	b 3.73
2	4.3		4.2		4.25	
c	4.8		4.9		4.85	c 4.11
3	4.7		4.6		4.65	
d	6.5		6.5		6.50	d 3.71
4	5.9		6.0		5.95	
e	7.0		6.9		6.95	e 3.69
5	6.8		6.9		6.85	
f	7.4		7.5		7.45	f 3.74
6	7.1		7.1		7.10	
g	8.7		8.6		8.65	g 3.85
7	6.9		6.9		6.90	
h	9.0		9.1		9.05	h 3.61
8	7.1		7.1		7.10	
k	9.6		9.5		9.55	k 3.75
9	7.7		7.8		7.75	
k2	9.7		9.7		9.70	k2 3.75
10	7.7		7.9		7.80	
k3	10.0		10.1		10.05	k3 3.71
11	7.8		8.0		7.90	
12	8.3		8.3		8.30	
13	8.5		8.5		8.50	
14	8.9		8.8		8.85	
15	9.1		8.9		9.00	
16	9.6		9.3		9.45	
17	10.1		9.8		9.95	
18	F.		F.		-	
19	F.		F.		-	

[illegible]

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Polar sequence & seg. for 060547

2.15 March 10, 1908 H.I.S recorder
I35210

[9 columned table]

||F|Br.||F|Br.|||

A|2.4|2.2|A|2.3|2.1|2.35|a|4.05|

/|3.4|3.2|/|3.5|3.3|3.45|

b|4.1|b|4.1|4.10|f|3.88|

2|4.9|2|4.8|4.85|

C|5.2|C|5.2|5.20|c|3.76|

3|4.9|3|4.9|4.90|

d|7.1|d|7.1|7.10|d|3.11|

4|6.2|4|6.4|6.30|

e|7.4|e|7.5|7.45|e|3.19|

5|7.0|5|7.2|7.10|

f|7.9|f|7.9|7.90|f|3.29|

6|7.5|6|7.4|~~7.45~~|7.65|~~7.45~~|

g|8.7|g|8.6|8.65|g|3.85|

7|7.1|7|7.2|7.05|

h|9.0|h|9.1|9.05|h|3.61|

8|7.2|8|7.5|7.35|

k|9.6|k|9.7|9.65|k|3.65|

9|8.2|9|8.2|8.20|

k2|9.8|k2|9.8|9.80|K2|3.65|

|||8.2|8.20|

10|8.2|10|7.9|7.95|

k3|F||k3|F||-|K3||

11|8.3|11|8.2|~~8.25~~|8.10|~~8.25~~|8.25|

12|8.6|12|8.5|8.55|

13|8.9|13|8.5|8.70|

14|9.0|14|9.0|9.00|

15|9.2|15|9.2|9.20|

16|9.5|16|9.5|9.50|

17|10.0|17|9.9|9.95|

18|10.2|18|10.0|10.10|

19|~~10.2~~|19|F||-||

2.45

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159

Polar sequence & seg. for 060547

March 10, 1908

	<i>Time</i>	<i>Mag</i>	<i>Color</i>	<i>Position</i>	<i>Remarks</i>
1	2.4	2.2	2.3	2.1	2.35
2	3.4	3.2	3.5	3.3	3.45
3	4.1	4.1	4.1	4.1	4.1
4	4.9	4.8	4.85	4.85	4.85
5	5.2	5.2	5.2	5.2	5.2
6	5.2	5.2	5.2	5.2	5.2
7	7.1	7.1	7.1	7.1	7.1
8	7.2	7.5	7.35	7.35	7.35
9	8.2	8.2	8.2	8.2	8.2
10	8.2	8.2	8.2	8.2	8.2
11	8.3	8.2	8.2	8.2	8.2
12	8.6	8.5	8.55	8.55	8.55
13	8.9	8.5	8.7	8.7	8.7
14	9.0	9.0	9.0	9.0	9.0
15	9.2	9.2	9.2	9.2	9.2
16	9.5	9.5	9.5	9.5	9.5
17	10.0	9.9	9.95	9.95	9.95
18	10.2	10.0	10.1	10.1	10.1
19	10.2	F	-	-	-

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160 T Plates

Direct Estimates of Seq for 060544 using
Magnitudes of Polar Seq.

Mar 11 1908

Two columns

1 35204 1 35206

1 7.5 1 7.4

2 8.3 2 8.2

3 8.7 3 8.5

4 9.7? 4 9.6

5 10.4 5 10.4

6 11 6 10.8

7 11.0 7 10.7

8 10.9 8 10.9

9 - 11.6 9 - 11.5

10 - 11.6 10 - 11.5

11 - 11.7 11 - 11.7

12 12.3 12 12.1

13 12.5 13 12.4

14 12.7 14 12.8

15 12.9 15 13

16 13 16 13.2

17 13.8 17 13.7

18 13.9 18 13.9

19 13.9 19 f Less than sign 13.8

160		T Plates	
		Direct estimates of seq for 060544 using magnitudes of Polar seq	
		Mar 11 1908	
		T 060544	T 35206
1	7.5	1	7.4
2	8.3	2	8.2
3	8.7	3	8.5
4	9.7?	4	9.6
5	10.4	5	10.4
6	11	6	10.8
7	11.0	7	10.7
8	10.9	8	10.9
9	11.6	9	11.5
10	11.6	10	11.5
11	11.7	11	11.7
12	12.3	12	12.1
13	12.5	13	12.4
14	12.7	14	12.8
15	12.9	15	13
16	13	16	13.2
17	13.8	17	13.7
18	13.9	18	13.9
19	13.9	19	f Less than sign 13.8

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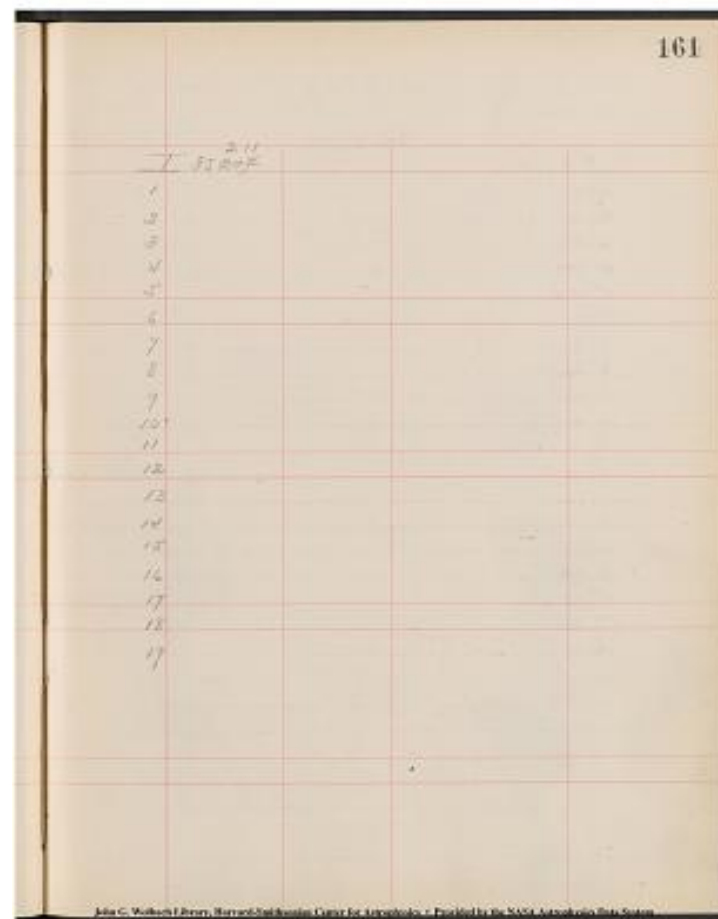
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[[5 columned table]]
| 35 207 ~~[[cross out]]~~ 211 |

1	
2	
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17	
18	
19	

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Measures of Seq for Miss Whitisides var. Pos - (Seq on I 29650)

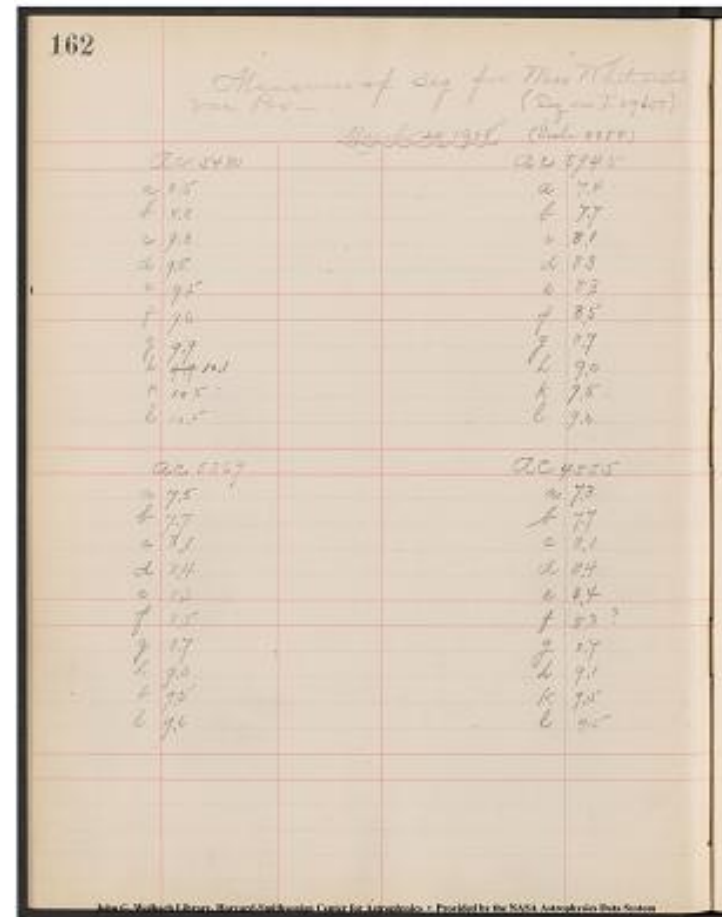
March 20, 1908 (Scale 8858)

A.C 5480 | | AC 5945

a 8.5	a 7.4
b 8.8	b 7.7
c 9.3	c 8.1
d 9.5	d 8.3
e 9.5	e 8.3
f 9.6	f 8.5
g 9.9	g 8.7
h 9.7	h 9.0
k 10.5	k 9.5
l 10.5	l 9.6

AC 5369 | | AC 4555

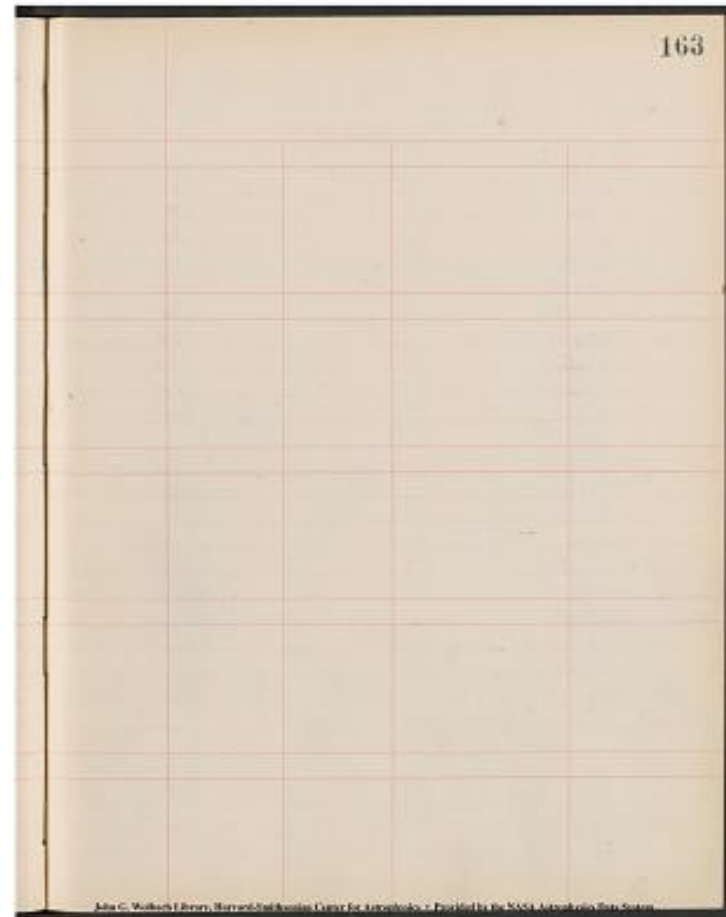
a 7.5	a 7.3
b 7.7	b 7.7
c 8.1	c 8.1
d 8.4	d 8.4
e 8.3	e 8.4
f 8.5	f 8.3 ?
g 8.7	g 8.7
h 9.0	h 9.1
k 9.5	k 9.5
l 9.6	l 9.5



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164

T'

Measurements of Polar and photographic signatures for miss
[[Whitesidis]] var.

Sc I32811

[[underlined]] March 30, 1908 [[/underlined]]

I35226

	F	B	F	B
pol. a	2.2	2.0	a	2.1 2.15 1.9
1	5.5	1	5.4	5.45 10
b	3.6	b	3.8 3.70	[[Underlined]]1[[Underlined]]0
2	6.2	2	6.0 6.10	1[[Underlined]]1[[Underlined]]
c	4.8	c	4.9 4.89	[[Underlined]]1[[Underlined]]0
3	6.5	3	6.3 6.40	1[[Underlined]]1[[Underlined]]
d	6.1	d	6.1 6.10	00
4	6.7	4	6.5 6.60	1[[Underlined]]1[[Underlined]]
e	6.5	e	6.5	[[Strikethrough]]4[[Strikethrough]]5 6.50 00
5	6.6	5	6.5	[[Underlined]]6.5[[Underlined]]5
0	[[Underlined]]1[[Underlined]]			
f	7.0	f	6.9 6.95	0 [[Underline]]1[[Underline]]
6	6.9	6	7.0 6.95	[[Underlined]]1[[Underlined]]0
g	8.3	g	8.2 8.25	1 0
7	7.1	7	7.3 7.20	[[Underlined]]1[[Underlined]]1
h	8.6	h	8.5 8.55	0[[Underlined]]1[[Underlined]]
8	7.5	8	7.6 7.55	[[Underlined]]1[[Underlined]]0
[[Underlined]]	Image defective	k	[[Underlined]]9.3	k 9.1 9.20
1	[[Underlined]]1[[Underlined]]			
9	7.9	9	8.0 7.95	[[Underlined]]1[[Underlined]]0
[[Strikethrough]]	[[Strikethrough]]	k^2	9.4	k^2 9.3 9.35
0	[[Underlined]]1[[Underlined]]			
10	8.1	10	8.3 8.15	[[Underlined]]1[[Underlined]]0
[[Strikethrough]]	11	[[Strikethrough]]	k^3	9.7 9.75
0	[[Underlined]]1[[Underlined]]			
k^3	9.8	k^3	9.7 9.45	0 [[Underlined]]1

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Handwritten astronomical data table on page 164. The table is organized into columns for different variables and includes handwritten notes and calculations. The page number 164 is visible in the top left corner. The table contains several rows of data, with some entries underlined or crossed out. The handwriting is in cursive and somewhat faded. The table is titled 'Measurements of Polar and photographic signatures for miss [[Whitesidis]] var.' and includes a date 'March 30, 1908'.

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T

Measures of Polar and photographic seq. for Miss W---s var.

Apr. 7, 1908 (Sc. 32811)

{left column}

134889 Br

4.25 Pol. a| 2.5 2.3

1| 5.9

4.28 b| 3.9

2| 6.5

4.07 c| 5.2

3| 6.8

4.11 d| 6.5

4| 7.0

4.14 e| 6.7

5| 6.9

4.24 f| 7.2

6| 7.2

4.25 g| 8.4

7| 7.5

4.15 h| 8.7

8| 7.7

4.07 k| 9.3

9| 7.9

4.10 k^2| 9.5

10| 8.3

4.01 k^3| 9.9

{right column}

Br. 2.2

a| 2.4 2.45 3.9

1| 5.8 5.85

b| 3.9 3.90 4.08

2| 6.4 6.45

c| 5.2 5.20 3.76

3| 6.9 6.85

d| 6.4 6.45 3.76

4| 6.9 6.95

e| 6.7 6.70 3.94

5| 6.8 6.85

f| 7.3 7.25 3.94

6| 7.1 7.15

g| 8.5 8.45 4.05

7| 7.5 7.50

h| 8.7 8.70 4.00

8| 7.8 7.75

k| 9.2 9.25 4.02

9| 8.0 7.95

k^2| 9.3 9.40 4.05

10| 8.3 8.30

k^3| 9.7 9.80 3.96

5

165

Measures of Polar and photographic seq. for Miss W---s var.

Apr. 7, 1908 (Sc. 32811)

	I 2007	a	Br.
4.25 Pol.	0.25	2.3	2.2
1	5.9		
4.28	6.5		
2	6.5		
4.07	5.2		
3	6.8		
4.11	6.5		
4	7.0		
4.14	6.7		
5	6.9		
4.24	7.2		
6	7.2		
4.25	8.4		
7	7.5		
4.15	8.7		
8	7.7		
4.07	9.3		
9	7.9		
4.10	k^2 9.5		
10	8.3		
4.01	k^3 9.9		

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166
12.10

Measures of faint stars in seq. for 060547 commencing with "p" = No 14
(Sc I 32811)

May 13, 1907 (H.J.S recorder)

MA 515

14| B -

14| B -

15| 3.9 6 6 5 .57 001

15| 4.0 5

16| 4.5 8 7 8 .77 010

16| 4.5 8

17| 5.3 4 4 4 .40 000

17| 5.3 4

18| {{ST}} 5.9 {{ST}} 5.7 5 5 6 .53 001

18| 5.7 6

19| 6.2 13 {{ST}} 13 {{ST}} 11 11 11.7 {{ST}} 001 {{ST}} 111 19| {{ST}}

6.0 {{ST}} 6.3 11

X| 7.5 5 4 5 .47 010

X| 7.4 5

Y| 8.0 6 4 6 .53 111

Y| 7.9 6

Z| 8.6 5 4 5 .47 010

Z| 8.5 5

alpha| 9.1 4 4 5 .43 010

alpha| 9.0 5

Beta| 9.5 {{ST}} 4 5 5 {{ST}} Beta| 9.5 {{ST}} 5 {{ST}}

Gamma| {{ST}} 9.9 {{ST}} F 12.35 Gamma| {{ST}} 10.0 {{ST}} F

14| B -

15| 4.0 6

16| 4.6 4

17| 5.3 4

18| 5.4 {{ST}} 5 {{ST}} 7

19| {{ST}} 6.4 {{ST}} 6.2 {{ST}} 13 {{ST}} 11

X| 7.5 {{ST}} 4 {{ST}} 6

Y| 8.1 4

Z| 8.5 4

alpha| 8.9 4

beta| 9.3 {{ST}} 5 {{ST}}

gamma| {{ST}} 9.8 {{ST}} F

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Pl.[a']Br.[B.]B|---|n[8.7] |e[5.5]
b'|Br.[B.]B|---|g[3.3]1.f[5.8]
j|4.3|4.2|4.3| |4.27|0|1|1|0|f[3.1]2.9|h[7.9]
j'|5.2|5.4|5.3| |5.30|1|1|10|i[3.8]3.6|k[8.7]
k|5.7|5.7|5.7| |5.70|Pol ^000|a|2.5|2.3| |
h|3.6|3.7|3.7| |3.67|1|1|00|b|3.7| | |
l|7.2|7.3|7.2| |7.23|0|10|c|4.7| | |
m|8.1|8.2|8.1| |8.13|0|10|d|5.4| | |
n|8.8|8.7|8.7| |8.73|100|e|5.7| | |
g|3.2|3.3|3.1|3.0|3.20|0|1|1|1|f[6.1] | | |
f|3.0|3.1|3.0|2.8|3.03|0|10|h|8.0| | |

i|3.7|3.8|3.8|~~3~~|~~3~~|3.77|1|1|
erlined|00|k[8.7] |
Pol.[a]2.3|2.5|2.3|2.1|2.34|PI ^1|1|11|a'|B| | |

b|3.7|3.7|3.7| |3.70|000|b'|B| | | |
c|4.5|4.7|4.5|
4.57|1|1|1|1|1|j|4.3| |

d|5.2|5.4|5.2|
5.27|1|1|1|1|1|j'|5.3| |

e|5.5|5.7|5.5|
5.57|1|1|1|1|1|K|5.7| |

f|5.9|6.1|5.8|
5.93|02|1|1|h|3.7| | | |
h|7.9|8.0|7.9| |7.93|0|10|i|7.2| | | |
K|8.5|8.7|8.7| |8.63|1|1|11|m|8.1| | | |
Pl.[a']B.| | | |n|8.4|~~3~~|~~3~~|0|~~3~~|~~3~~|
b'|B.| | | |g|3.1|2.9| | |
j|4.2| | | |f|3.0|2.8| | |
j'|5.4| | | |i|3.8|3.6| | |
K|5.7| | | |Pol|a|2.3|2.1| | |
h|3.7| | | |b|3.7| | |
l|7.3| | | |c|4.5| | |
m|8.2| | | |d|5.2| | |

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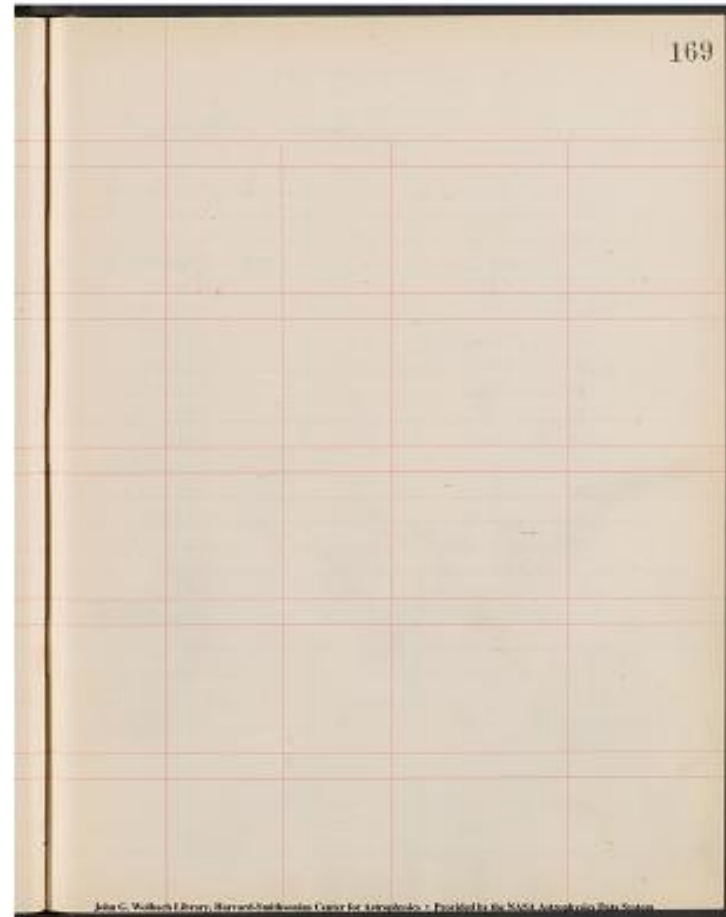
5th Photo
From of [unclear] [unclear]
([unclear] [unclear]) Aug 22, 1928

P2	1/2 8. 11	---	17		58
	1/2 8. 11	---	18	21	58
	1/2 10 13	107 1.0	18	28	71
	1/2 10 13	108 1.0	18	3.6	87
	1/2 10 13	109 1.0	18	2.8	
	1/2 10 13	110 1.0	17		
	1/2 10 13	111 1.0	17		
	1/2 10 13	112 1.0	17		
	1/2 10 13	113 1.0	17		
	1/2 10 13	114 1.0	17		
	1/2 10 13	115 1.0	17		
	1/2 10 13	116 1.0	17		
	1/2 10 13	117 1.0	17		
	1/2 10 13	118 1.0	17		
	1/2 10 13	119 1.0	17		
	1/2 10 13	120 1.0	17		
	1/2 10 13	121 1.0	17		
	1/2 10 13	122 1.0	17		
	1/2 10 13	123 1.0	17		
	1/2 10 13	124 1.0	17		
	1/2 10 13	125 1.0	17		
	1/2 10 13	126 1.0	17		
	1/2 10 13	127 1.0	17		
	1/2 10 13	128 1.0	17		
	1/2 10 13	129 1.0	17		
	1/2 10 13	130 1.0	17		
	1/2 10 13	131 1.0	17		
	1/2 10 13	132 1.0	17		
	1/2 10 13	133 1.0	17		
	1/2 10 13	134 1.0	17		
	1/2 10 13	135 1.0	17		
	1/2 10 13	136 1.0	17		
	1/2 10 13	137 1.0	17		
	1/2 10 13	138 1.0	17		
	1/2 10 13	139 1.0	17		
	1/2 10 13	140 1.0	17		
	1/2 10 13	141 1.0	17		
	1/2 10 13	142 1.0	17		
	1/2 10 13	143 1.0	17		
	1/2 10 13	144 1.0	17		
	1/2 10 13	145 1.0	17		
	1/2 10 13	146 1.0	17		
	1/2 10 13	147 1.0	17		
	1/2 10 13	148 1.0	17		
	1/2 10 13	149 1.0	17		
	1/2 10 13	150 1.0	17		
	1/2 10 13	151 1.0	17		
	1/2 10 13	152 1.0	17		
	1/2 10 13	153 1.0	17		
	1/2 10 13	154 1.0	17		
	1/2 10 13	155 1.0	17		
	1/2 10 13	156 1.0	17		
	1/2 10 13	157 1.0	17		
	1/2 10 13	158 1.0	17		
	1/2 10 13	159 1.0	17		
	1/2 10 13	160 1.0	17		
	1/2 10 13	161 1.0	17		
	1/2 10 13	162 1.0	17		
	1/2 10 13	163 1.0	17		
	1/2 10 13	164 1.0	17		
	1/2 10 13	165 1.0	17		
	1/2 10 13	166 1.0	17		
	1/2 10 13	167 1.0	17		
	1/2 10 13	168 1.0	17		
	1/2 10 13	169 1.0	17		
	1/2 10 13	170 1.0	17		
	1/2 10 13	171 1.0	17		
	1/2 10 13	172 1.0	17		
	1/2 10 13	173 1.0	17		
	1/2 10 13	174 1.0	17		
	1/2 10 13	175 1.0	17		
	1/2 10 13	176 1.0	17		
	1/2 10 13	177 1.0	17		
	1/2 10 13	178 1.0	17		
	1/2 10 13	179 1.0	17		
	1/2 10 13	180 1.0	17		
	1/2 10 13	181 1.0	17		
	1/2 10 13	182 1.0	17		
	1/2 10 13	183 1.0	17		
	1/2 10 13	184 1.0	17		
	1/2 10 13	185 1.0	17		
	1/2 10 13	186 1.0	17		
	1/2 10 13	187 1.0	17		
	1/2 10 13	188 1.0	17		
	1/2 10 13	189 1.0	17		
	1/2 10 13	190 1.0	17		
	1/2 10 13	191 1.0	17		
	1/2 10 13	192 1.0	17		
	1/2 10 13	193 1.0	17		
	1/2 10 13	194 1.0	17		
	1/2 10 13	195 1.0	17		
	1/2 10 13	196 1.0	17		
	1/2 10 13	197 1.0	17		
	1/2 10 13	198 1.0	17		
	1/2 10 13	199 1.0	17		
	1/2 10 13	200 1.0	17		

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Scale Measurements of Seq for M⁴[[3]](Sc. 15350) | June 15, 1908 | (Sc. 132811)X 6844 | K⁴[[3]]

F|B|F|B|

a 1.3|1.6|a |B⁴[[?]]|

b 3.0|3.3|b 2.4|2.2|

c 3.1|3.4|c 2.5|2.3|

d 3.9|4.2|d 3.0|2.8|

d' 4.7|5.1|d' 3.8|

e 5.0|5.4|e 3.9|

f 6.1|6.4|f 5.8|

g | 6.7|6.7|g | 6.3|

a 6.0|a 5.3|

b 6.1|b 5.5|

c 6.5|c 6.1|

d 6.7|d 6.2|

e 7.1|e 6.7|

f 7.5|f 7.2|

g 7.7|g 7.3|

h 8.0|h 7.7|

k 8.2|k 7.9|

l 8.5|8.1|

m 8.4|m 8.3|

n 8.9|n 8.5|

o 9.2|o 8.8|

p 9.4|p 9.5|

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Scale measurements of Seq for M⁴[[3]]

(Sc. 15350)	(Sc. 132811)
a 1.3	a 1.6
b 3.0	b 2.4
c 3.1	c 2.5
d 3.9	d 3.0
d' 4.7	d' 3.8
e 5.0	e 3.9
f 6.1	f 5.8
g 6.7	g 6.3
a 6.0	a 5.3
b 6.1	b 5.5
c 6.5	c 6.1
d 6.7	d 6.2
e 7.1	e 6.7
f 7.5	f 7.2
g 7.7	g 7.3
h 8.0	h 7.7
k 8.2	k 7.9
l 8.5	l 8.1
m 8.4	m 8.3
n 8.9	n 8.5
o 9.2	o 8.8
p 9.4	p 9.5

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171
Seq for M3 (cont)

(Sc. I 32811) June 15, 1908

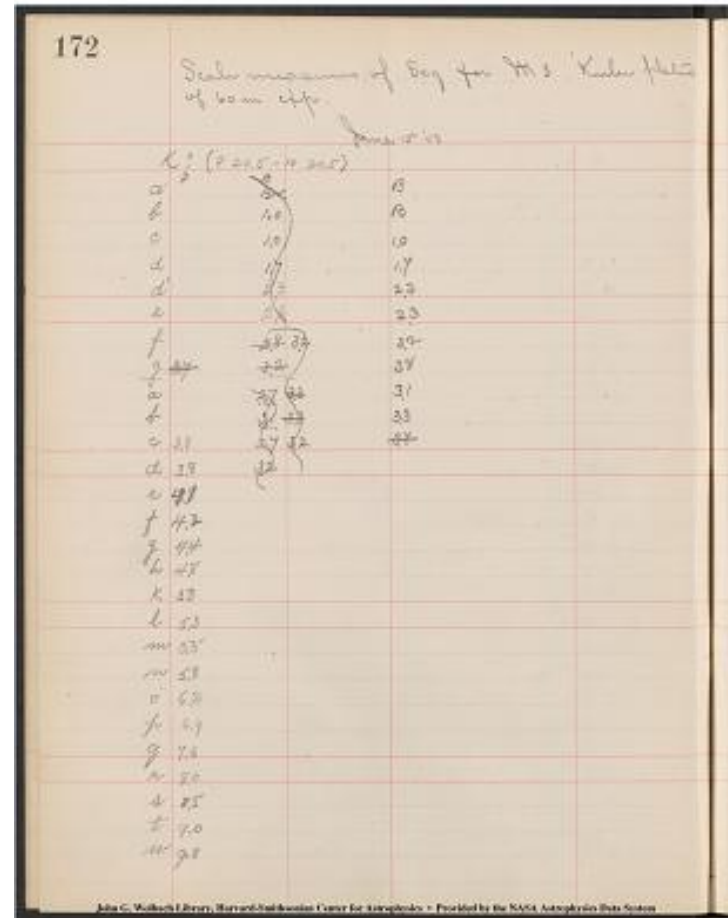
|---|---|
|K 4|---|
|[[?]]|B.|
|a|Br.
b 2.2	2.0
c 2.4	2.2
d 3.1	2.9
d' 4.0	
e 4.2	
F 6.1	
[[g]]	6.5
a 5.5	
b 5.5	
c 7.0	
d 6.5	
e 7.0	
f 7.3	
g 7.5	
h 7.7	
k 8.0	
l 8.2	
m 8.5	
n 8.9	
o 9.1	
p 9.7	

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Seq for M3 (cont)		171
(Sc. I 32811)		June 15, 1908
K 4	6	
a	2.0	
b 2.2	2.0	
c 2.4	2.2	
d 3.1	2.9	
d' 4.0		
e 4.2		
f 6.1		
g 6.5		
a 5.5		
b 5.5		
c 7.0		
d 6.5		
e 7.0		
f 7.3		
g 7.5		
h 7.7		
k 8.0		
l 8.2		
m 8.5		
n 8.9		
o 9.1		
p 9.7		

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172
 Scale measures of Seq for M3 Kuler Plates of 60 m exp
 June 15, '08
 K? (9 20.5-10 20.5)
 a ~~[strickethrough]~~ B B
 b ~~[strickethrough]~~ 1.0 B
 c ~~[strickethrough]~~ 1.0 1.0
 d ~~[strickethrough]~~ 1.7 1.7
 d ~~[strickethrough]~~ 2.3 2.3
 e ~~[strickethrough]~~ 2.3 2.3
 f ~~[strickethrough]~~ 2.8 ~~[strickethrough]~~ 3.2 3.2
 g ~~[strickethrough]~~ 3.7 ~~[strickethrough]~~ 2.3 3.8
 a ~~[strickethrough]~~ 2.7 ~~[strickethrough]~~ 3.3 3.1
 b ~~[strickethrough]~~ 3 ~~[strickethrough]~~ 3.3 3.1
 c 3.8 ~~[strickethrough]~~ 2.7 ~~[strickethrough]~~ 3.2 ~~[strickethrough]~~ 3.8
 d 3.8 ~~[strickethrough]~~ 3.2
 e 4.1
 f 4.2
 g 4.4
 h 4.8
 K 5.0
 l 5.3
 m 5.5
 n 5.8
 o 6.2
 p 6.9
 q 7.6
 r 8.0
 s 8.5
 t 9.0
 u 9.8



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Scale measures of Seq for M3 Keeler plates of 60 m exp
June 16, 08

K (923-10 23.7)

a B B
b ~~[strikethrough]~~ 1.0 B
c ~~[strikethrough]~~ 1.2 1.0
d ~~[strikethrough]~~ 1.7 1.6
e ~~[strikethrough]~~ 2.2 2.2
f ~~[strikethrough]~~ 2.3 2.3
g ~~[strikethrough]~~ 3.2 3.2
h ~~[strikethrough]~~ 3.7 3.7
i ~~[strikethrough]~~ 3.2 3.2
j ~~[strikethrough]~~ 3.2 3.6
k 3.7
l 3.7
m 4.1
n 4.3
o 4.7
p 5.1
q 5.3
r 5.6
s 5.8
t 6.2
u 6.7
v 7.3
w 8.2
x 8.7
y 9.0
z 9.5
aa F

173

Scale measures of Seq for M3 Keeler plates
of 60 m exp

June 16, 08

K (923-10 23.7)

a	B	B
b	[strikethrough]	1.0 B
c	[strikethrough]	1.2 1.0
d	[strikethrough]	1.7 1.6
e	[strikethrough]	2.2 2.2
f	[strikethrough]	2.3 2.3
g	[strikethrough]	3.2 3.2
h	[strikethrough]	3.7 3.7
i	[strikethrough]	3.2 3.2
j	[strikethrough]	3.2 3.6
k	3.7	
l	3.7	
m	4.1	
n	4.3	
o	4.7	
p	5.1	
q	5.3	
r	5.6	
s	5.8	
t	6.2	
u	6.7	
v	7.3	
w	8.2	
x	8.7	
y	9.0	
z	9.5	
aa	F	

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174
Scale of Seq measures for M3 Kuler Plates of 60 m exp
June 16, 08

[Column 1]
K (9 23.0-10 23.0)
a 2.7
b 3.0
c 3.2
d 3.6
e 3.9
f 4.2
g 4.6
h 4.8
k 5.0
l 5.2
m 5.4
n 5.9
o 6.4
p 7.3
q 7.9
r 8.3
s 8.7
t 9.4
u 9.9

a B
b B
c B
d 1.2
d 2.7
e 1.9
f 3.0
g 3.5

{Column 2}
K? (9 12.46-10 12 46)
a 4.2
b 4.4
c 5.0
d 5.0
e 5.2
f 5.5
g 5.7
h 6.0
k 6.3
l 6.7
m 6.8
n 7.2
o 7.5
p 8.2 [strikethrough] 7
q 8.6
r 8.8
s 9.1
t 9.7
u F.

a B
b 1.7

174

Scale measures of seq for M3 Kuler plates
of 60 m exp June 16, 08

K (9 23.0-10 23.0)	K? (9 12.46-10 12 46)
a 2.7	a 4.2
b 3.0	b 4.4
c 3.2	c 5.0
d 3.6	d 5.0
e 3.9	e 5.2
f 4.2	f 5.5
g 4.6	g 5.7
h 4.8	h 6.0
k 5.0	k 6.3
l 5.2	l 6.7
m 5.4	m 6.8
n 5.9	n 7.2
o 6.4	o 7.5
p 7.3	p 8.2
q 7.9	q 8.6
r 8.3	r 8.8
s 8.7	s 9.1
t 9.4	t 9.7
u 9.9	u F.

a 1.2	a 1.3
b 1.9	b 1.7
c 3.0	c 1.9
d 3.5	d 2.2
e 1.7	e 2.9
f 2.7	f 3.1
g 2.1	g 2.1

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c 1.9
d 2.2
d 2.9
e 3.1
f 4.2 ~~4.6~~
g 4.9

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175
Scale measures of Seq for Mr. Kuler Plates of 60m exp.

175

Scale measures of log for 9th. Kila place
of born aff.

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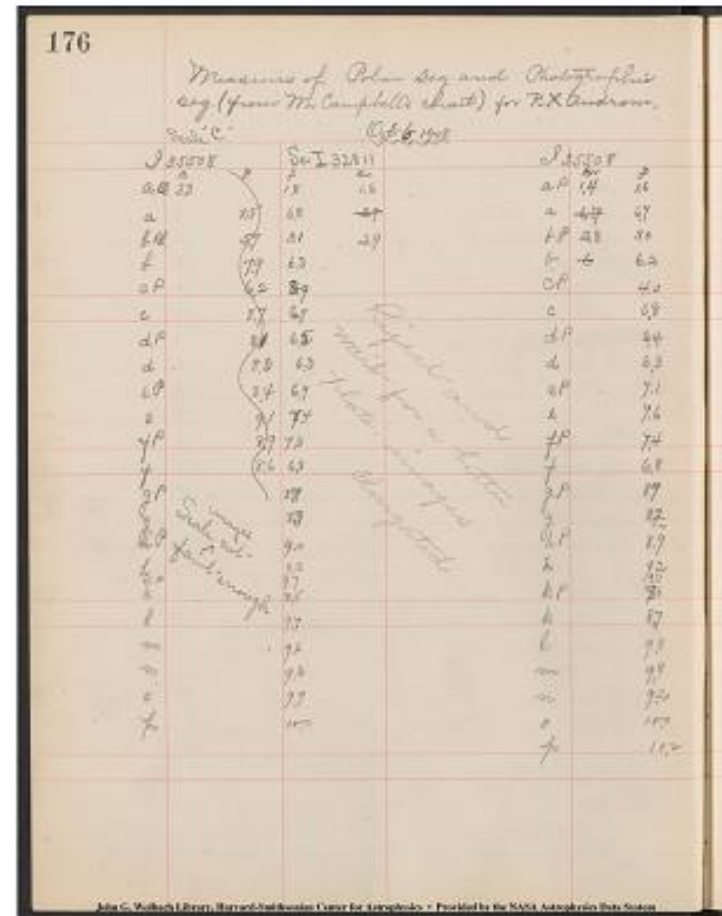
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Measures of Polar seg. and Photographic seg (from Mr Campfelli's chart)
for RX Androm.

Scale "C"

Oct 6, 1908

J 35508	Sc I 32811	J 35508
letter b f	F Br.	letter Br f
AP 3.3	1.8 1.6	aP 1.4 1.6
a 8.5 [[crossedout]]	6.8 2.9 [[crossedout]]	a
6.7 [[crossedout]] 6.7		
fP 5.7 [[crossedout]]	3.1 2.9	fP 2.8 3.0
f 7.9 6.3 G G 6.2		
cp 6.2 3.9 cP 4.0		
c 8.7 6.9 c 6.8		
dP 8 6.5 dP 6.4		
d 8.0 6.3 d 6.3		
e.O 8.4 6.9 eP 7.1		
e 9.1 7.4 e 7.6		
yP 8.9 7.3 fP 7.4		
y 8.6 6.8 f 6.8		
gP 8.9 gP 8.9		
g 8.3 g 8.2		
KP 9.0 hP 8.9		
h 9.3		
KP 9.7 9.7		
k 8.5 kP 8.6		
l 9.7 k 8.7		
m 9.6 l 9.8		
n 9.3 m 9.8		
o 9.9 n 9.2		
fr 10.0 o 10.0		
fr 10.2		



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k^3 P 9.8 9.75 4.01
m 8.7 8.45 4.05
n 8.4 8.35 4.06
o 8.9 8.35 4.04
p 8.9 8.90 4.04

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RX andron. Polar photographic
sequences

(Sci32811) Oct 24 1908

| 35605| 35605|

---|---|
F|Br|F|Br|

---|---|
aP 2.3|2.1|aP 2.2 $\frac{2.25}{2.0}$ |4.15|

a 6.2|a 6.3|6.5|

bP 3.9|bP 4.0|3.95|4.03|

b 5.7|b 5.6|5.65|

cP 4.8|cP 4.7|4.75|4.21|

c 6.1|c 6.0|6.05|

dP ~~6.3~~ 6.3 ~~6.1~~ dP 6.1|6.10|4.11|

d 5.9|d 5.8|5.85|

eP 6.4|eP 6.5|6.45|4.19|

e 6.4|e 6.7|6.40|

fP 6.9|fP 7.1|7.00|4.19|

f 6.3|f 6.4|6.35|

gP 8.3|gP 8.3|8.30|4.20|

g 7.5|g 7.6|7.55|

hP 8.1|hP 8.5|8.55|4.15|

h 8.1|h 8.3|8.20|

kP 9.1|kP 9.1|9.10|4.14|

k 7.7|k 7.8|7.75|~~5~~ ~~5~~

k[^][2]P 9.3|k[^][2]P 9.3|9.30|4.15|

l 8.7|l 8.5|8.60|

k[^][3]P 9.6|k[^][3]P 9.7|9.65|4.11|

m 8.7|m 8.7|8.70|

n 8.4|n 8.5|8.45|

o 8.9|o 8.8|8.85|

p 8.7|p 8.7|8.40|

178		P. H. Leland. Polar Photographic sequences.		Oct 24 1908	
(Sci32811)		Observed		Calculated	
aP 2.3	2.1	aP 2.2	2.25	2.0	4.15
a 6.2	6.3	a 6.3	6.5		
bP 3.9	4.0	bP 4.0	3.95	4.03	
b 5.7	5.6	b 5.6	5.65		
cP 4.8	4.7	cP 4.7	4.75	4.21	
c 6.1	6.0	c 6.0	6.05		
dP 6.3	6.3	dP 6.1	6.10	4.11	
d 5.9	5.8	d 5.8	5.85		
eP 6.4	6.5	eP 6.45	4.19		
e 6.4	6.7	e 6.4	6.40		
fP 6.9	7.1	fP 7.00	4.19		
f 6.3	6.4	f 6.35			
gP 8.3	8.3	gP 8.30	4.20		
g 7.5	7.6	g 7.55			
hP 8.1	8.5	hP 8.55	4.15		
h 8.1	8.3	h 8.20			
kP 9.1	9.1	kP 9.10	4.14		
k 7.7	7.8	7.75	5		
k [^] [2]P 9.3	k [^] [2]P 9.3	9.30	4.15		
l 8.7	8.5	l 8.60			
k [^] [3]P 9.6	k [^] [3]P 9.7	9.65	4.11		
m 8.7	m 8.7	8.70			
n 8.4	n 8.5	8.45			
o 8.9	o 8.8	8.85			
p 8.7	p 8.7	8.40			

Project PHaEDRA - Evelyn F. Leland - Search for variables; measures #31
or 32

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179

19^h 30.6^m -45° 52' (approx)

Oct 24, 1908

(Sc 132811) (Comp stars on B20568)

[5 columned table]

[B20568] [B30829] |

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

[a]5.0[a]5.5]

4.19^h[[Reading from curve]]b]5.5[b]6.2]

[c]5.7[c]6.3]

4.16[d]5.7[d]6.3]

[e]5.9[e]~~6.7~~6.5]

4.18[f]6.2[f]~~7.2~~6.8]

[g]6.7[g]7.5]

4.17[h]7.1[h]8.0]

[k]7.2[k]8.2]

4.19[l]7.7[l]8.5]

[m]8.0[m]8.7]

4.18[n]8.1[n]8.7]

[o]8.3[o]9.0]

4.18[p]8.7[p]9.3]

[q]8.9[q]9.5]

4.16[r]9.3[r]9.8]

[s]9.5[s]10.1]

4.18[t]9.9[t]s 3 t]

[v]9.3[var.]10.0]

4.15

4.16

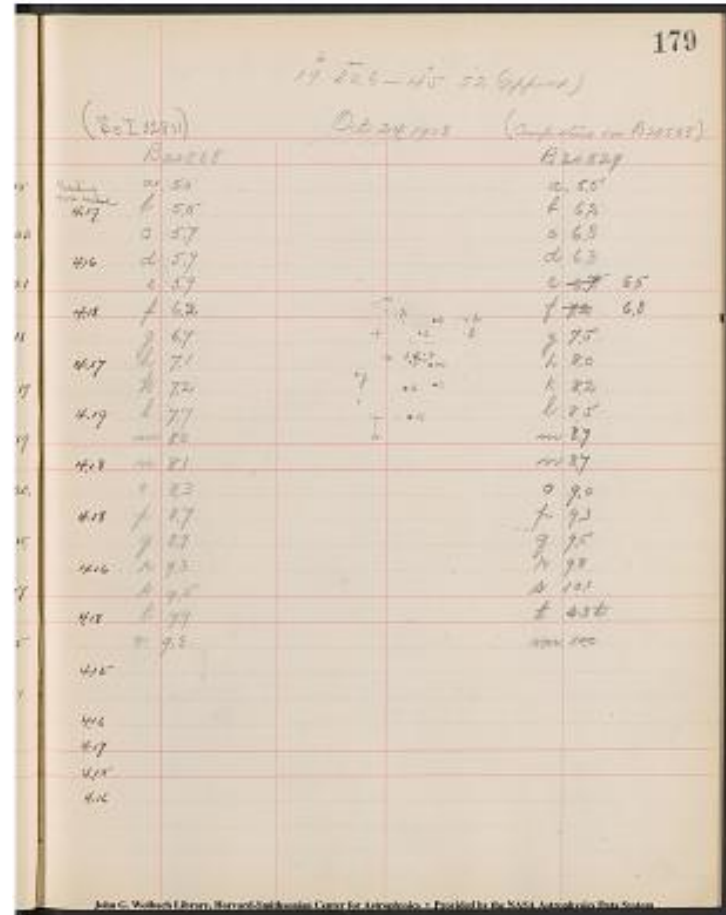
4.17

4.15

4.16

[[image: star plot]]

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or 32
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181

1-9 30.6 - 45 52

Oct 26, 1908

B 20568 | B 26147 | B 27514
13.1 | Too poor in reg of v. | 11.2

B 36195 | B 16200 | B 27722
13.6 | Too poor in reg. | 13.5

B 24416 | B 14550 | B 27940
13.8 | 10.7 | 13.5

B 26056 | B 14095 | B 20675 Iso?
10.0 | 10.6 | Too poor in r. of v.

B 30829 | B 14091 | B 20609
13.3 | 10.6 | Too poor

B 22158 | B 25728 | B 20329
11.1 | 12.1 | 12.1

B 27640 | B 25399 | B 21478
11.9 | 11.3 Near edge | 11.3 Poor plate.

B 23067 | B 31809 | B 30017
10.5 | 11.7 Near edge. | 10.7

B 16901 | B 31529 | B 34256
13.2 | 11.5 | 10.1

B 16109 | B 27449 | B 36438
Too poor in reg. of v. | 11.3 | 12.1

181

19 30.6 - 45 52

Oct 26, 1908

B 20568 13.1	B 26147 Superior reg	B 27514 11.2
B 20570 13.6	B 26148 Superior reg	B 27522 13.5
B 20572 13.8	B 26149 11.7	B 27540 13.5
B 20573 14.0	B 26150 11.6	B 27541 Superior reg
B 20574 13.5	B 26151 11.6	B 27542 Superior
B 20575 11.1	B 26152 12.1	B 27543 12.1
B 20576 11.7	B 26153 11.3 Poor plate	B 27544 11.3
B 20577 12.5	B 26154 11.7 Poor plate	B 27545 10.7
B 20578 12.0	B 26155 11.5	B 27546 12.1
B 20579 11.3	B 26156 11.3	B 27547 12.1

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182
 19^h 30.6^m -45° 52'
 [[underline]] Oct 24, 1908 [[/underline]]
 B16297 B29580 B9698
 12.2 Too poor in reg. 12.8
 B17692 B31738 B8717
 11.0 12.5 12.8
 B17968 B35855 B11040
 10.0 12.8 9.7
 B22037 B10460 B7842
 Too near edge 10.8 9.6
 B22074 B12510 B12176
 10.3 10.6 13.2
 B36705 B12923 B10645
 9.3 12.0 Poor pl. Too poor
 B37295 B12885 B13664
 13.2 Too poor in r. 12.4?
 B37296 B16584 B11648
 13.5 13.2 12.9
 B34546 B9925 B9218
 12.8 12.8 13.5
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182

19 30.6 -45 52

B16297 12.2	B29580 Inferior	B9698 12.8
B17692 11.0	B31738 12.5	B8717 12.8
B17968 10.0	B35855 12.8	B11040 9.7
B22037 Too near edge	B10460 10.8	B7842 9.6
B22074 10.3	B12510 10.6	B12176 13.2
B36705 9.3	B12923 12.0	B10645 Poor pl. Too poor
B37295 13.2	B12885 Too poor in r.	B13664 12.4?
B37296 13.5	B16584 13.2	B11648 12.9
B34546 12.8	B9925 12.8	B9218 13.5

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183
 19h 30.6m -45° 52'
 Oct 27, 1908
 B7843 B19092 B19335
 9.6 Too poor 9.5
 B33952 B19488 B19583
 9.3 9.2 9.2
 B33590 B18057 B22518
 10.8 10.0 11.2
 B6682 B13894 B37069
 Too poor in reg 11.4 10.7
 B6595 B13221 B13939
 Too poor 13.5 11.3
 B6166 B19780 B30299
 Too Poor 9.3 9.2
 B5246 B11964 B16292
 13.2 13.2 11.3
 B32520 B11700 B30364
 11.7 Too poor in r 9.6
 B32162 B11645 B15895
 13.2 15.2 Too poor
 B23110 B21413 B28172
 10.3 11.9 13.5
 John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics
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183

19 30.6 - 45 52

Oct 27, 1908

B7843 9.6	B19092 Too poor	B19335 9.5
B33952 9.3	B19488 9.2	B19583 9.2
B33590 10.8	B18057 10.0	B22518 11.2
B6682 Too poor in r	B13894 11.4	B37069 10.7
B6595 Too poor	B13221 13.5	B13939 11.3
B6166 Too Poor	B19780 9.3	B30299 9.2
B5246 13.2	B11964 13.2	B16292 11.3
B32520 11.7	B11700 Too poor in r	B30364 9.6
B32162 13.2	B11645 15.2	B15895 Too poor
B23110 10.3	B21413 11.9	B28172 13.5

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184

19h 30.6-45 52

B29456 B14402 B23854
13.2 10.1 13.6

B36065 B14503 B37118
13.2 10.8 11.3

B21340 B28629 B17082
Too poor in r. Too poor in r. Too poor in r.

B21409 B34288 B18790
Too poor in r. 10.2 Too poor in r.

B37907 B30515 B17838
9.5 10.3 9.8

B15454 B15561 B17510
Too poor in r. Too poor in r. 12.0

B15590 B17728 B27522
10.2 10 11.3

B36090 B32357 B25669
12.8 13.7 12.8

B31690 B29848 B17242
Too poor in r. 12.2 scratch over v. 13.2

B33545 B17372 B37043
10.9 Too poor in r of v. 10.2

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184		
	19 30.6 - 45 52	
	Oct 27 1958	
B29456 13.2	B14402 10.1	B23854 13.6
B36065 13.2	B14503 10.8	B37118 11.3
B21340 Too poor in r.	B28629 Too poor in r.	B17082 Too poor in r.
B21409 Too poor in r.	B34288 10.2	B18790 Too poor in r.
B37907 9.5	B30515 10.3	B17838 9.8
B15454 Too poor in r.	B15561 Too poor in r.	B17510 12.0
B15590 10.2	B17728 10	B27522 11.3
B36090 12.8	B32357 13.7	B25669 12.8
B31690 Too poor in r.	B29848 12.2 scratch over v.	B17242 13.2
B33545 10.9	B17372 Too poor in r of v.	B37043 10.2

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185

19 30.6-45 52

B14857 B21523 B28181
Too poor in r Too poor 14.0

B9217 B29484 B33959
13.5 13.5 9.4

B6172 B37647 B23856
Too poor 11.2 13.5

B33448 B33498 B25759
Too near edge 11.6 10.7

B21721 B30003 B25277
Too near edge 10.7 Too poor in r

B21247 B32128 B25277
Too near edge 10.7 Too poor in r.

B15747 B30084 B6154
Too poor 10.7 Too poor in r

B22559 B30322 B6153
11.3 9.3 Too poor in r

B21578 B30311 B23540
Too poor in r 9.5 12.3?

B19516 B28311 B23087
9.2 13.8 10.3

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185

19 30.6-45 52

Oct 27, 1948

B14857 Too poor in r	B21523 Too poor	B28181 14.0
B9217 13.5	B29484 13.5	B33959 9.4
B6172 Too poor	B37647 11.2	B23856 13.5
B33448 Too near edge	B33498 11.6	B25759 10.7
B21721 Too near edge	B30003 10.7	B25277 Too poor in r
B21247 Too near edge	B32128 10.7	B25277 Too poor in r.
B15747 Too poor	B30084 10.7	B6154 Too poor in r
B22559 11.3	B30322 9.3	B6153 Too poor in r
B21578 Too poor in r	B30311 9.5	B23540 12.3?
B19516 9.2	B28311 13.8	B23087 10.3

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186

19 30.6-45 52

Oct 27 1908

B5923 B9654 B19600
Too poor in r. 12.8 Bro. missing

B3580 B6685
Too poor in r. Too poor in r.

B3814 poor pl B25306
12.0 13.5

B3745 B5941
13.0 Broken-missing

B3731 B36216
Too near edge 12.8? Broken-missing

B30365 B19346
9.3 9.4

B13632 B7445
12.7 12.3

B12174 B7422
12.2 Near edge Too poor in r.

B9653 B13545
Too poor in r 12.6

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186

19 30.6-45 52

Oct 27 1908

B5923 Too poor in r.	B9654 12.8	B19600 Bro. missing
B3580 Too poor in r.	B6685 Too poor in r.	
B3814 poor pl 12.0	B25306 13.5	
B3745 13.0	B5941 Broken-missing	
B3731 Too near edge 12.8?	B36216 Broken-missing	
B30365 9.3	B19346 9.4	
B13632 12.7	B7445 12.3	
B12174 12.2 Near edge	B7422 Too poor in r.	
B9653 Too poor in r	B13545 12.6	

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187

Examination of plates to find variation if any- in +50 1590. Suspected while examining map of sky.
Nov 3 1908

I22035 10.3	I5661 10.6	AC5667 10.0
I17344 11.0	I8355 10.5	AC4830 10.0
I24794 10.2	I10766 10.5	AC5440 10.1
I24413 10.2	I777 10.7	AC3632 10.7
I26714 10.2	I14875 10.9	AC3714 10.2
I34433 11.0	I14857 10.7	AC3653 10.2
I26223 10.4	I22438 10.5	AC4163 10.1
I28509 10.3	I22048 10.7	AC4122 10.7
I19495 10.2	I19749 10.5	AC4430 10.3
I8332 10.7	I10568 10.9	AC4400 10.7

187

Examination of plates to find variation of any - in +50 1590. Suspected while examining map of sky.

I 22035 10.3	I 5661 10.6	AC 5667 10.0
I 17344 11.0	I 8355 10.5	AC 4830 10.0
I 24794 10.2	I 10766 10.5	AC 5440 10.1
I 24413 10.2	I 777 10.7	AC 3632 10.7
I 26714 10.2	I 14875 10.9	AC 3714 10.2
I 34433 11.0	I 14857 10.7	AC 3653 10.2
I 26223 10.4	I 22438 10.5	AC 4163 10.1
I 28509 10.3	I 22048 10.7	AC 4122 10.7
I 19495 10.2	I 19749 10.5	AC 4430 10.3
I 8332 10.7	I 10568 10.9	AC 4400 10.7

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188

+ 501590(cont.)
Nov. 3, 1908

|AC 4647||AC 4722||AC 3625|
|10.5||10.7||11.0|

|AC 4576||AC 4708|
|10.7||10.5|

|AC 5808||AC 6381|
|10.8| |10.7|

[[star plot]] [[left to right]]
10.7 +50.1590 11.6 9.4 10.4

An examination of above plalis - also of the preceding page for +50
1590 shows a variation of a magnitude Bn AC Plalis

|AC 5727||AC 7502|
|10.7|[[[striket.]]] 10.4 [[/[striket.]]]

|AC 5628||AC 7480|
|10.0||10.1|

|AC 5575||AC 7407|
|10.7||10.6|

|AC 5501||AC 4792|
|10.9||10.9|

|AC 5390||AC 6276|
|10.1||10.0|

|AC 5372||AC 3246|
|10.3||11.2|

|AC 4780||AC 5471|
|10.2||10.9|

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188

+501590 (cont.)

Nov. 3, 1908

AC 4647 10.5	AC 4722 10.7	AC 3625 11.0
AC 4576 10.7	AC 4708 10.5	
AC 5808 10.8	AC 6381 10.7	
AC 5727 10.7	AC 7502 10.4	
AC 5628 10.0	AC 7480 10.1	
AC 5575 10.7	AC 7407 10.6	
AC 5501 10.9	AC 4792 10.9	
AC 5390 10.1	AC 6276 10.0	
AC 5372 10.3	AC 3246 11.2	
AC 4780 10.2	AC 5471 10.9	

On examination of above plalis also of preceding page for +50 1590 shows a variation of a magnitude Bn AC Plalis

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Estimates of brightness of RX Anderson.

h m s [degrees] [degrees]
0 56 24 +40 31.5 (1855)

[Nov 6, 1908]

AC 3136	AC 4210	AC 673
11.5	11.1	Too poor
AC 2741	AC 4228	AC 698
11.1	11.0	11.7
AC 2942	AC 4259	AC 1956
12.1	12.0	11.6
AC 2929	AC 2711	AC 1977
12.0	11.2	10.2
AC 2876	AC 4596	AC 2045
12.1	11.5	11.7
AC 2936	AC 134	AC 8809
12.4	12.3	11.5
AC 3079	AC 157	AC 8878
11.7	10.9	11.8
AC 3239	AC 505	AC 8890
11.8	11.0	Too poor
AC 3310	AC 511	AC 8997
11.0	11.2	12.3
AC 4144	AC 638	AC 653
11.0	11.3	10.7

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189		
Estimates of brightness of RX Anderson		
$\delta = 56^{\circ} 24' + 40^{\circ} 31.5' (1855)$		
Nov 6, 1908		
AC 3136	AC 4210	AC 673
11.5	11.1	Too poor
AC 2741	AC 4228	AC 698
11.1	11.0	11.7
AC 2942	AC 4259	AC 1956
12.1	12.0	11.6
AC 2929	AC 2711	AC 1977
12.0	11.2	10.2
AC 2876	AC 4596	AC 2045
12.1	11.5	11.7
AC 2936	AC 134	AC 8809
12.4	12.3	11.5
AC 3079	AC 157	AC 8878
11.7	10.9	11.8
AC 3239	AC 505	AC 8890
11.8	11.0	Too poor
AC 3310	AC 511	AC 8997
11.0	11.2	12.3
AC 4144	AC 638	AC 653
11.0	11.3	10.7

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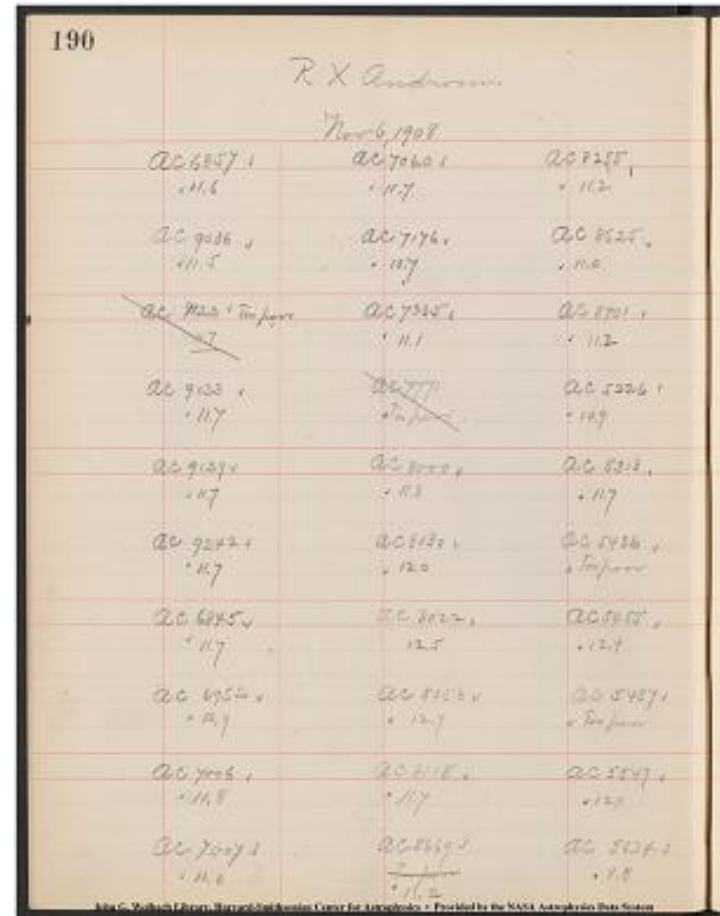
190

RX Anderom.

Nov 6, 1908

AC 6857	AC 7060	AC 8255
11.6	11.7	11.2
AC 9036	AC 7176	AC 8625
11.5	10.7	11.0
[[strikethrough]] AC 9122 [[/stikethrough]] too poor AC 7335 AC 8701		
[[strikethrough]] 11.7 [[/stikethrough]]		
11.1	11.2	
AC 9123	[[strikethrough]] AC 7771 [[/stikethrough]]	AC 5226
11.7	[[strikethrough]] too poor [[/stikethrough]]	10.9
AC 9129	AC 8000	AC 5313
11.7	11.8	11.7
AC 9242	AC 8030	AC 5436
11.7	12.0	too poor
AC 6845	AC 8022	AC 5455
11.7	12.5	12.4
AC 6952	AC 8056	AC 5487
10.9	12.7	too poor
AC 7006	AC 8118	AC 5547
10.8	11.7	12.0
AC 7007	AC 8669	AC 5624
11.0	[[strikethrough]] too poor [[/stikethrough]]	11.2 11.8

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192

RX Androm.

Nov 9, 1908

AC 6867 | AC 5774

10.9 | 12.4 ?

AC 6908 | AC 9692

10.3 | 11.5

AC 6932 | AC 9660

10.8 | 11.7

AC 7021 | AC 9760

10.9 | 11.7

AC 7035 | ~~AC 6682~~

Too poor | ~~11.7~~

AC 7052 | AC 777¹

11.0 | 11.7

AC 4366 |||

11.1 |||

AC 4540

11.⁵

AC 5034 |||

11.1 |||

AC 5712 |||

11.0 |||

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• Provided by NASA Astrophysics Data System

192	R. X. Andromeda
AC 6867	AC 5774
10.9	12.4 ?
AC 6908	AC 9692
10.3	11.5
AC 6932	AC 9660
10.8	11.7
AC 7021	AC 9760
10.9	11.7
AC 7035	AC 6682
Too poor	11.7
AC 7052	AC 777 ¹
11.0	<u>11.7</u>
AC 4366	
11.1	
AC 4540	
11. ⁵	
AC 5034	
11.1	
AC 5712	
11.0	

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194

Ledger 5 (cont) J

Jan 15, '09

~~A 6989~~

[[left margin]] "f" on edge of plate. [[/left margin]]

f 3 v? | f 1 v

v 3 g | v 3 g

A6991 | f 3 v

[[left margin]] "f" on edge of film. [[/left margin]]

f 4 v? | v 1 g

v 2 g

A6992 [[arrow drawn from plate number to:]] f3v v1g

[[left margin]] "f" on edge of film. [[/left margin]]

f 5 v?

v 1 g

A6990 | f 1 v

[[left margin]] "f" on edge of pl. [[/left margin]]

f 5 v? | v 2 g

v 1 g ~~[[/left margin]]~~

AM 2810

Too poor.

AM 112

p 1 N.

AM 100

Too poor.

194

Jan 15, '09

~~A 6989~~

[[left margin]] "f" on edge of plate. [[/left margin]]

f 3 v? | f 1 v

v 3 g | v 3 g

A6991 | f 3 v

[[left margin]] "f" on edge of film. [[/left margin]]

f 4 v? | v 1 g

v 2 g

A6992 [[arrow drawn from plate number to:]] f3v v1g

[[left margin]] "f" on edge of film. [[/left margin]]

f 5 v?

v 1 g

A6990 | f 1 v

[[left margin]] "f" on edge of pl. [[/left margin]]

f 5 v? | v 2 g

v 1 g ~~[[/left margin]]~~

AM 2810

Too poor.

AM 112

p 1 N.

AM 100

Too poor.

Project PHaEDRA - Evelyn F. Leland - Search for variables; measures #31 or 32

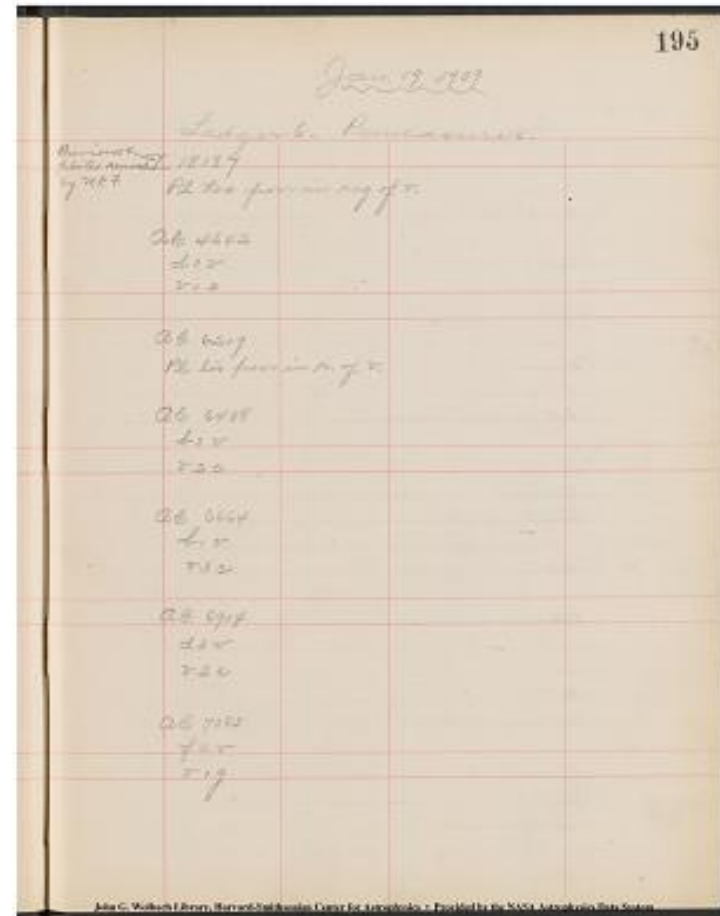
Transcribed and Reviewed by Digital Volunteers

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195

Jan. 19, 1909
 Ledger 6. Remeasures
 Previous plates remeas. by W.P.F <arrow I 18187
 Pl too poor in reg of v.
 Ab 4642
 d3v
 v 1 e
 Ab 6219
 Pl. too poor in reg. of v.
 Ab 6488
 b 3 v
 v 2 c
 Ab 6664
 b 1 v
 v 3 c
 Ab 6904
 d 3 v
 v 2 e
 Ab 7083
 f 2 v
 v 1 g

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196

Jan 27, 1909

(Comp stars on I16336)
Ledger 14, (Remeasures) R Horologii

B8745
v 4 c
b off plate

B20918
m 3
v n.s

B23675
v 0 c
not comparable with b

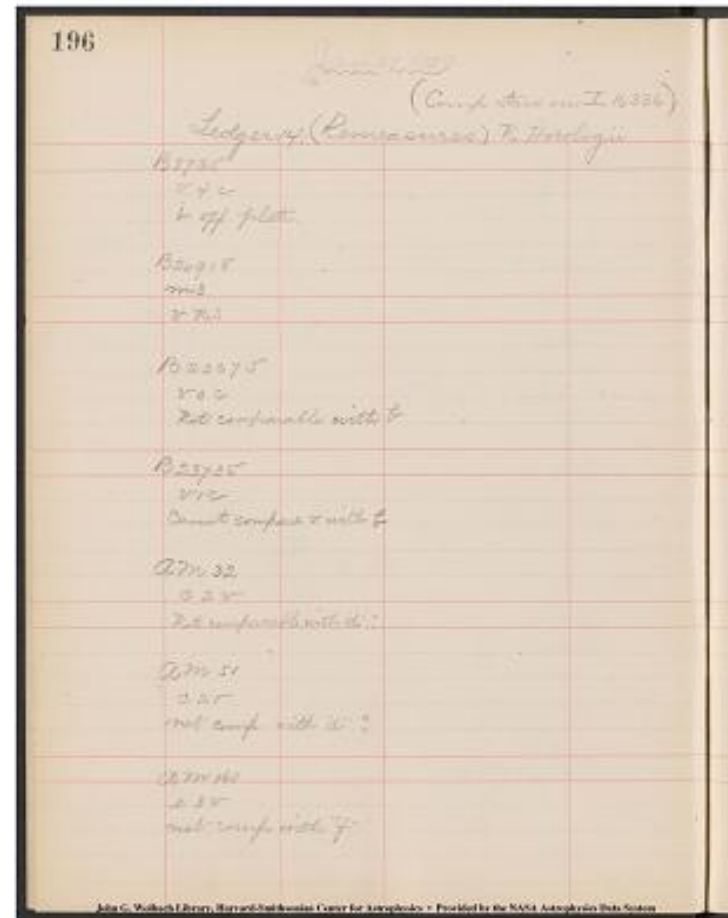
B23735
v 1 c
cannot compare v with b

AM32
C2v
not comparable with "d"?

AM51
c 2 v
not comp. with "d"?

AM160
e 3 v
not comp with "f"

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197

Jan 27, 1909

Remeasures R Horologii (cont)

AM 627
v 1 b
Not comp. with a

AM 664 Iso.
v 4 c

B 29028
e 5 v
v 2 f

B 30409
k 1 v
l n.s.

B 30430
h 7 v
v 2 k

B 30443
h 5 v
v 2 k

AM 1481
h 6 v
v 1 k?

AM 1484
h 6 v
v 2 k

[[list continues on left side of page]]

B 33025
c 6 v
v 1 6

AM 2450
d 0 v
[[~~not comp with~~]] v 0 e [[~~not comp with~~]] [[e brighter than "d"]]

AM 3869
k 1 v
v 3 l

AM 2463
d 3 v
v not comp with "f"

197

Jan 27, 1909

Remeasures R Horologii (cont)

AM 627	AM 627
v 1 b	d 5 v
Not comp with a	v 1 b
AM 664 Iso.	AM 664 Iso.
v 4 c	d 5 v
	Not comp with a
B 29028	AM 30430
e 5 v	d 5 v
v 2 f	v 2 k
B 30409	AM 30443
k 1 v	d 5 v
l n.s.	Not comp with f
B 30430	AM 1481
h 7 v	h 6 v
v 2 k	v 1 k?
B 30443	AM 1484
h 5 v	h 6 v
v 2 k	v 2 k
AM 1481	
h 6 v	
v 1 k?	
AM 1484	
h 6 v	
v 2 k	

21

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AM 2871
I 1 N

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198

T' Plates.

23^[[h]] +15

Faint Stars

[[u]]Aug 16 '09[[u]]

133651

[[8 columned table]]

g	8.2	8.3	8.25
h	8.5	8.5	8.50
k	9.0	9.0	9.00
k2	9.2	9.2	9.20
k3	9.5	9.6	9.55

[[s]]7.3|7.4|7.35[[s]]a|8.2|8.3[[s]]8.

35[[s]]8.25

[[s]]8.0|8.1|8.05[[s]]b|8.9|9.0[[s]]9.

05[[s]]8.95

[[s]]7.9|7.9|7.90[[s]]c|9.2|9.2[[s]]8.

90[[s]]9.20

[[s]]8.3|8.4|8.35[[s]]d|9.3|9.4[[s]]9.

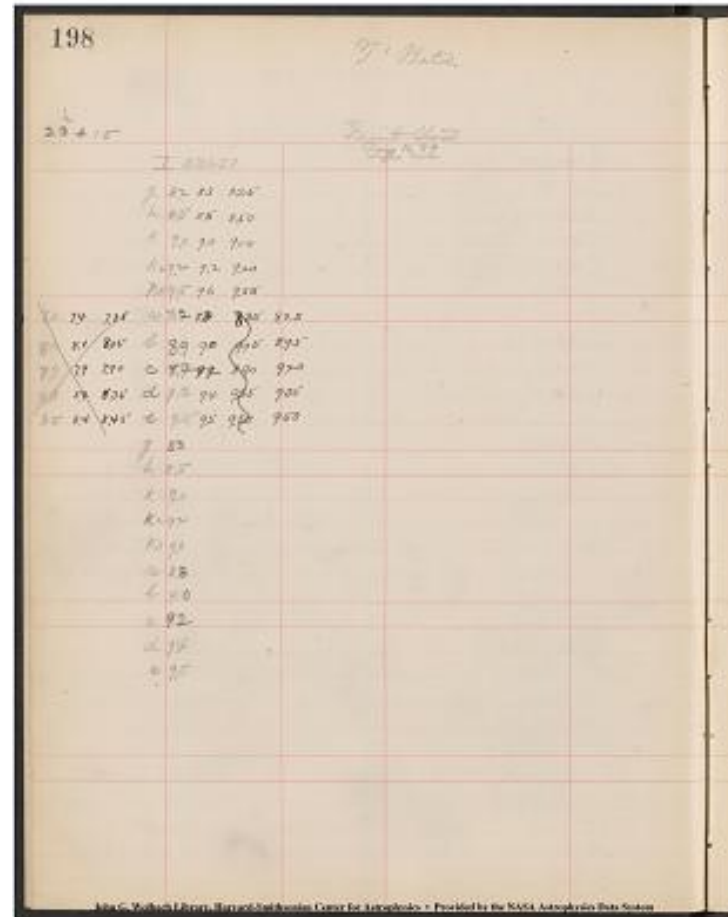
35[[s]]9.35

[[s]]8.5|8.4|8.45[[s]]e|9.5|9.5[[s]]9.

50[[s]]9.50

g	8.3			
h	8.5			
k	9.0			
k2	9.2			
k3	9.6			
a	8.3			
b	9.0			
c	9.2			
d	9.4			
e	9.5			

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199

Measures of seq for var

18 20.3 + 24.9 (approx. 1855) E.L.P.

Scale I 32811

January 28, 1909

[[two column table]]

I | ~~11133~~ | 32145

a | 4.1
b | 4.3
c | 4.7
d | 5.0
e | 5.2
f | 5.9
g | 6.2
h | 6.9
k | 7.3
l | 7.7
m | 8.2
n | 8.7
o | 8.9
var | 7.0

I11133

a | 4.8
b | 5.2
c | 5.3
d | 5.7
e | 6.0
f | 6.8
g | 7.4
h | 8.1
k | 8.3
l | 8.6
m | 9.0
n | 9.4
o | 9.7
[[?]]

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

199

Measures of seq for var

18 20.3 + 24.9 (approx. 1855) E.L.P.

Scale I 32811

January 28, 1909

[[two column table]]

I | ~~11133~~ | 32145

a | 4.1
b | 4.3
c | 4.7
d | 5.0
e | 5.2
f | 5.9
g | 6.2
h | 6.9
k | 7.3
l | 7.7
m | 8.2
n | 8.7
o | 8.9
var | 7.0

I11133

a | 4.8
b | 5.2
c | 5.3
d | 5.7
e | 6.0
f | 6.8
g | 7.4
h | 8.1
k | 8.3
l | 8.6
m | 9.0
n | 9.4
o | 9.7
[[?]]

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

Project PHaEDRA - Evelyn F. Leland - Search for variables; measures #31
or 32
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200

Measures of Seq. for var. 18^{h} 20.3^{m} $+24.9^{\text{s}}$ [cont.]]

Jan. 28, 1909

I 32145

a | 4.0
b | 4.3
c | 4.8
d | 5.0
e | 5.3
g | 5.9
h | 6.2
k | 6.9
l | 7.3
m | 8.3
n | 8.7
o | 9.0
v | 7.2

I 11133

a | 4.9
b | 5.3
c | 5.5
d | 5.7
e | 5.9
f | 6.7
g | 7.2
h | 7.9
k | 8.2
l | 8.5
m | 8.9
n | 9.2
o | 9.6
var. | 9.6

200	Measures of Seq. for var. 18^{h} 20.3^{m} $+24.9^{\text{s}}$		
	Jan. 28, 1909		
I 32145			
a	4.0		
b	4.3		
c	4.8		
d	5.0		
e	5.3		
g	5.9		
h	6.2		
k	6.9		
l	7.3		
m	8.3		
n	8.7		
o	9.0		
v	7.2		
I 11133			
a	4.9		
b	5.3		
c	5.5		
d	5.7		
e	5.9		
f	6.7		
g	7.2		
h	7.9		
k	8.2		
l	8.5		
m	8.9		
n	9.2		
o	9.6		
var.	9.6		

Project PHaEDRA - Evelyn F. Leland - Search for variables; measures #31 or 32
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T'
201

Measures of the k_2 stars in Polar seq -
g,h,k, k_2 k_3

h 6 40 + 45

May 17, 1909

[[2 columned tables]]

[[left margin]]

l 29579

g|star|superfused|orig"?

h|8.7|8.6|6.65

k|9.4|9.3|9.35

k_2 |9.6|9.5|9.55

k_3 |9.9|9.9|9.90

left image|a|7.4|7.5|7.45|4.20

b|7.3|7.3|7.30|4.25

c|8.5|8.6|8.55|4.00

d|9.3|9.3|9.3|9.30|3.89

e|9.5|9.5|9.50|3.84

g|slw|superfused_

h|8.6

k|9.3

k_2 |9.5

k_3 |9.9

a|7.5

b|7.3

c|8.6

d|9.3

e|9.5

[[/left margin]]

[[right margin]]

l 35052

g|8.4|8.3|8.35

h|8.7|8.7|8.70

k|9.2|9.2|9.20

k_2 |9.4|9.4|9.40

k_3 |9.8|9.9|9.85

a|7.3|7.3|7.30|4.00

b|7.2|7.3|7.25|4.00

c|8.7|8.5|8.60|3.99

d|9.3|9.3|9.30|3.97

e|9.5|9.5|9.50|3.97

g|8.3

h|8.7

k|9.2

k_2 |9.4

k_3 |9.9

a|7.3

b|7.3

c|8.5

d|9.3

e|9.5

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201

Measures of the k_2 stars in Polar seq -
g,h,k, k_2 k_3

May 17, 1909

l 29579		l 35052
g star superfused orig"?		g 8.4 8.3 8.35
h 8.7 8.6 6.65		h 8.7 8.7 8.70
k 9.4 9.3 9.35		k 9.2 9.2 9.20
k_2 9.6 9.5 9.55		k_2 9.4 9.4 9.40
k_3 9.9 9.9 9.90		k_3 9.8 9.9 9.85
left image a 7.4 7.5 7.45 4.20		a 7.3 7.3 7.30 4.00
b 7.3 7.3 7.30 4.25		b 7.2 7.3 7.25 4.00
c 8.5 8.6 8.55 4.00		c 8.7 8.5 8.60 3.99
d 9.3 9.3 9.3 9.30 3.89		d 9.3 9.3 9.30 3.97
e 9.5 9.5 9.50 3.84		e 9.5 9.5 9.50 3.97
g slw superfused_		g 8.3
h 8.6		h 8.7
k 9.3		k 9.2
k_2 9.5		k_2 9.4
k_3 9.9		k_3 9.9
a 7.5		a 7.3
b 7.3		b 7.3
c 8.6		c 8.5
d 9.3		d 9.3
e 9.5		e 9.5

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202
T' Plates.

[[Left margin]] 3^h -15 [[/left margin]]

Aug 18, 1909

[[3 columned tables]]

[[left margin]]

135045

Pol. | a | 5.0 | 5.1 | 5.1 | 5.07

b | 6.3 | 6.3 | 6.3 | 6.30

c | 7.2 | 7.2 | 7.1 | 7.17

d | 8.1 | 7.9 | 7.9 | 7.97

e | 8.3 | 8.2 | 8.2 | 8.23

f | 8.7 | 8.7 | 8.9 | 8.77

g | 9.5

h | 9.8 | 9.9 | 9.9 | 9.87

k | 10.2 | 10.3 | 10.2 | 10.23

M.P. | 1 | 6.7 | 6.4 | 6.7 | 6.60

2 | 7.3 | 7.2 | 7.3 | 7.27

3 | 7.2 | 7.3 | 7.2 | 7.23

4 | 6.9 | 6.8 | 6.8 | 6.83

5 | 7.3 | 7.3 | 7.3 | 7.30

6 | 7.4 | 7.2 | 7.3 | 7.30

7 | 8.3 | 8.3 | 8.1 | 8.23

8 | 8.5 | 8.7 | 8.5 | 8.57

9 | 8.2 | 8.1 | 7.9 | 8.07

10 | 9.3 | 9.1 | 9.1 | 9.17

A | 9.2 | 9.3 | 9.3 | 9.27

B | 9.9 | 10.0 | 9.9 | 9.93

C | 9.4 | 9.3 | 9.4 | 9.37

D | 9.8 | 9.8 | 9.9 | 9.83

E | 9.9 | 10.0 | 10.1 | 10.00

Stow. [[?]] | 16 | 8.5 | 8.7 | 8.7 | 8.63

20 | ~~[[?]]~~ | 87 | ~~[[?]]~~ | 83 | ~~[[?]]~~ | 8.2 | 8.2 | ~~[[?]]~~ | 8.6

7 | ~~[[?]]~~ | 823

22 | 8.9 | 8.9 | 9.0 | 8.93

21 | 8.9 | 9.0 | 8.9 | 8.93

25 | 8.3 | 8.1 | 8.3 | 8.23

[[/left margin]]

[[middle margin]]

24 | 9.2 | 9.0 | 8.9 | 9.03

4 | 9.5 | 9.5 | 9.3 | 9.43

5 | 8.2 | 8.1 | 8.1 | 8.13

1 | 7.9 | 7.9 | 7.9 | 7.90

2 | 8.7 | 8.9 | 8.7 | 8.77

6 | 9.7 | 9.7 | 9.6 | 9.67

10 | 9. | ~~[[?]]~~ | 9.9 | 9.9 | 9.87

Pol. | a | 5.1

b | 6.3

c | 7.2

d | 7.9

e | 8.2

f | 8.7

g | 9.5

h | 9.9

k | 10.3

202

Aug 18, 1909

Aug 19, 1909

Pol. | a | 5.0 | 5.1 | 5.1 | 5.07

b | 6.3 | 6.3 | 6.3 | 6.30

c | 7.2 | 7.2 | 7.1 | 7.17

d | 8.1 | 7.9 | 7.9 | 7.97

e | 8.3 | 8.2 | 8.2 | 8.23

f | 8.7 | 8.7 | 8.9 | 8.77

g | 9.5

h | 9.8 | 9.9 | 9.9 | 9.87

k | 10.2 | 10.3 | 10.2 | 10.23

M.P. | 1 | 6.7 | 6.4 | 6.7 | 6.60

2 | 7.3 | 7.2 | 7.3 | 7.27

3 | 7.2 | 7.3 | 7.2 | 7.23

4 | 6.9 | 6.8 | 6.8 | 6.83

5 | 7.3 | 7.3 | 7.3 | 7.30

6 | 7.4 | 7.2 | 7.3 | 7.30

7 | 8.3 | 8.3 | 8.1 | 8.23

8 | 8.5 | 8.7 | 8.5 | 8.57

9 | 8.2 | 8.1 | 7.9 | 8.07

10 | 9.3 | 9.1 | 9.1 | 9.17

A | 9.2 | 9.3 | 9.3 | 9.27

B | 9.9 | 10.0 | 9.9 | 9.93

C | 9.4 | 9.3 | 9.4 | 9.37

D | 9.8 | 9.8 | 9.9 | 9.83

E | 9.9 | 10.0 | 10.1 | 10.00

Stow. [[?]] | 16 | 8.5 | 8.7 | 8.7 | 8.63

20 | ~~[[?]]~~ | 87 | ~~[[?]]~~ | 83 | ~~[[?]]~~ | 8.2 | 8.2 | ~~[[?]]~~ | 8.6

7 | ~~[[?]]~~ | 823

22 | 8.9 | 8.9 | 9.0 | 8.93

21 | 8.9 | 9.0 | 8.9 | 8.93

25 | 8.3 | 8.1 | 8.3 | 8.23

[[/left margin]]

[[middle margin]]

24 | 9.2 | 9.0 | 8.9 | 9.03

4 | 9.5 | 9.5 | 9.3 | 9.43

5 | 8.2 | 8.1 | 8.1 | 8.13

1 | 7.9 | 7.9 | 7.9 | 7.90

2 | 8.7 | 8.9 | 8.7 | 8.77

6 | 9.7 | 9.7 | 9.6 | 9.67

10 | 9. | ~~[[?]]~~ | 9.9 | 9.9 | 9.87

Pol. | a | 5.1

b | 6.3

c | 7.2

d | 7.9

e | 8.2

f | 8.7

g | 9.5

h | 9.9

k | 10.3

M.P.|1|6.4
 2|7.3|[[?]]
 3|7.3
 4|6.8
 5|7.3
 6|7.2
 7|8.3
 8|8.7
 9|8.1
 10|9.1
 A|9.3
 B|10.0
 C|9.3
 [[/middle margin]]

[[right margin]]
 D|9.8
 E|10.0
 Stan|16|8.7
 20|8.2
 22|8.9
 21|9.0
 25|8.1
 24|9.0
 4|9.5
 5|8.1
 1|7.9
 2|8.9
 6|9.7
 10|9.1
 Pol.|a|5.1
 b|6.3
 c|7.1
 d|7.9
 e|8.2
 f|8.9
 h|9.9
 k|10.2
 M.P.|1|6.7
 2|7.3
 3|7.2
 4|6.8
 5|7.3
 6|7.3
 [[/right margin]]

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203

T' Plates.

3 - 15

Aug 25 1909

135045|Sc 328 11 Faint Stars I35045|Sc 328 11 Faint Stars I30957

4 8.1 | g 8.4 8.5 8.45 0 1 | g 8.3 8.3 8.30 0 0 |
 8 8.5 | 8.8 8.9 8.85 0 1 | 8.7 8.6 8.65 1 0 |
 9 7.9 | k 9.3 9.2 9.25 1 0 | k 9.1 9.0 9.05 1 0 |
 10 9.1 | k2 9.5 9.3 9.4 1 1 | k2 9.2 9.2 9.20 0 0 |
 A 9.3 | k3 10.0 9.9 9.95 0 1 | k3 9.7 9.5 9.6 1 1 |
 B 9.9 | a 8.1 8.2 8.15 1 0 3.92 | a 7.9 8.0 7.95 1 0 4.03 |
 C 9.4 | b 8.9 8.8 8.85 1 0 3.90 | b 8.5 8.5 8.50 0 0 4.09 |
 D 9.9 | c 8.3 8.2 8.25 1 0 3.91 | c 8.1 8.2 8.15 1 0 4.15 |
 E 10.1 | d 8.9 8.8 8.85 1 0 3.90 | d 8.3 8.4 8.35 1 0 4.07 |
 SI-16 8.7 | E 9.0 8.9 8.95 0 1 389 | c 8.5 8.4 8.60 1 1 4.10 |
 20 8.2 | q 8.5 | q 8.3
 22 9.0 | h 8.9 | h 8.6
 21 8.9 | k 9.2 | k 9.0
 25 8.3 | k2 9.3 | k2 9.2
 24 8.9 | k3 9.9 | k3 9.5
 4 9.3 | a 8.2 | a 8.0
 5 8.1 | B 8.8 | b 8.5
 17.9 | C 8.2 | c 8.2
 28.7 | L9 8.8 | d 8.4
 69.6 | E 8.9 | e 8.7
 109.1

203

T' Plates

Aug 25 1909

3 - 15	Aug 25 1909	Aug 25 1909
135045	Sc 328 11 Faint Stars	Sc 328 11 Faint Stars
4 8.1	g 8.4 8.5 8.45 0 1	g 8.3 8.3 8.30 0 0
8 8.5	8.8 8.9 8.85 0 1	8.7 8.6 8.65 1 0
9 7.9	k 9.3 9.2 9.25 1 0	k 9.1 9.0 9.05 1 0
10 9.1	k2 9.5 9.3 9.4 1 1	k2 9.2 9.2 9.20 0 0
A 9.3	k3 10.0 9.9 9.95 0 1	k3 9.7 9.5 9.6 1 1
B 9.9	a 8.1 8.2 8.15 1 0 3.92	a 7.9 8.0 7.95 1 0 4.03
C 9.4	b 8.9 8.8 8.85 1 0 3.90	b 8.5 8.5 8.50 0 0 4.09
D 9.9	c 8.3 8.2 8.25 1 0 3.91	c 8.1 8.2 8.15 1 0 4.15
E 10.1	d 8.9 8.8 8.85 1 0 3.90	d 8.3 8.4 8.35 1 0 4.07
SI-16 8.7	E 9.0 8.9 8.95 0 1 389	c 8.5 8.4 8.60 1 1 4.10
20 8.2	q 8.5	q 8.3
22 9.0	h 8.9	h 8.6
21 8.9	k 9.2	k 9.0
25 8.3	k2 9.3	k2 9.2
24 8.9	k3 9.9	k3 9.5
4 9.3	a 8.2	a 8.0
5 8.1	B 8.8	b 8.5
17.9	C 8.2	c 8.2
28.7	L9 8.8	d 8.4
69.6	E 8.9	e 8.7
109.1		

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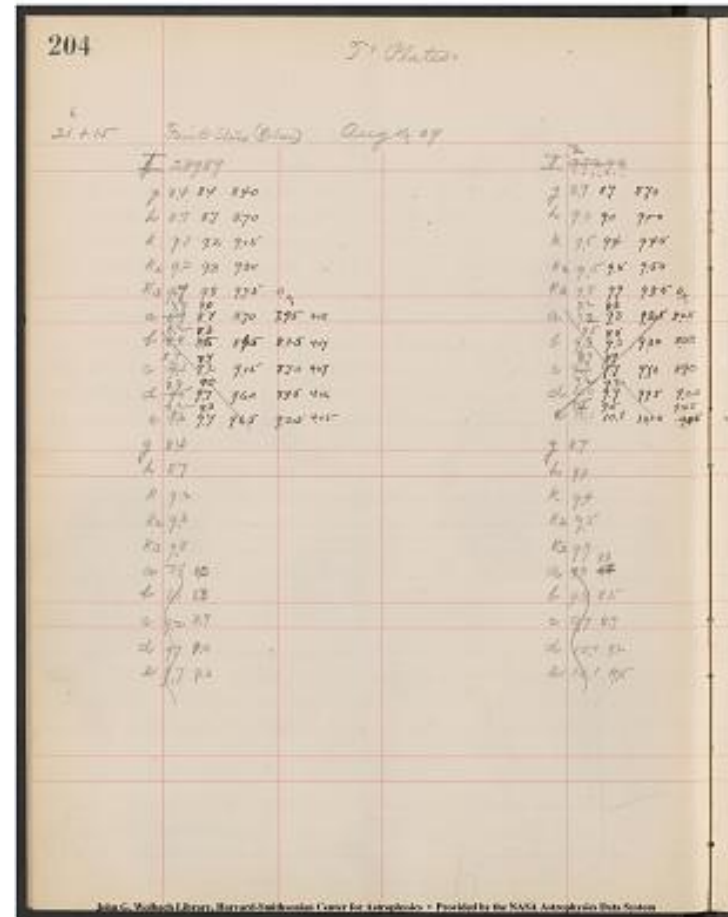
T' Plates.

21^h +15 Faint stars (Polar) Aug 16, 09

[[10 columned table]]
~~g~~ 28989 | | | |
~~h~~ 35296 | | | |

 g 8.4 8.4 8.40 | g 8.7 8.7 8.70 |
 h 8.7 8.7 8.70 | h 9.0 9.0 9.00 |
 k 9.1 9.2 9.15 | k 9.5 9.4 9.45 |
 k² 9.3 9.3 9.30 | k² 9.5 9.5 9.50 |
 k³ 9.7 9.7 9.75 | k³ 9.8 9.8 9.85 | O.K.
 a ~~8.7~~ 7.9 | 8.7 | 8.70 | 7.95 4.08
 a ~~9.0~~ 9.0 | 9.0 | 9.02 | 9.3 | 8.3 |
 9.25 | 8.25 |
 b ~~8.8~~ 8.2 | 8.2 | 8.25 | 5 | 8.3 |
 8.25 | 4.07 |
 b ~~9.3~~ 8.5 | 9.3 | 8.5 | 9.30 | 8.50 |
 c ~~9.1~~ 8.7 | 9.2 | 8.7 | 9.15 | 8.70 4.07
 c ~~9.7~~ 8.9 | 9.7 | 8.9 | 9.70 | 8.90 |
 d ~~9.5~~ 8.9 | 9.5 | 8.9 | 9.50 | 8.95 4.06
 d ~~10.0~~ 9.2 | 9.9 | 9.2 | 9.95 | 9.20 |
 e ~~9.6~~ 9.2 | 9.7 | 9.3 | 9.65 | 9.25 4.0 |
 e ~~10.1~~ 9.4 | 10.1 | 9.4 | 10.1 | 9.5 |
 10.10 | 9.55 | 9.45 |
 g 8.4 | | | | g 8.7 | | | |
 h 8.7 | | | | h 9.0 | | | |
 k 9.2 | | | | k 9.4 | | | |
 k² 9.3 | | | | k² 9.5 | | | |
 k³ 9.8 | | | | k³ 9.9 | | | |
 a ~~8.7~~ 8.7 | 8.7 | 8.7 | 3 |
 0 | | | |
 a ~~9.3~~ 9.3 | 9.3 | 9.3 | 8.5 |
 8.3 | | | |
 b ~~8.6~~ 8.6 | 8.6 | 8.6 | 7 |
 3 | | | | b ~~9.3~~ 9.3 | 9.3 | 9.3 | 8.5 |
 c ~~9.2~~ 9.2 | 9.2 | 9.2 | 8.7 | | | |
 c ~~9.7~~ 9.7 | 9.7 | 9.7 | 8.9 | | | |
 d ~~9.7~~ 9.7 | 9.7 | 9.7 | 8.9 | | | |
 .0 | | | | d ~~10.0~~ 10.0 | 10.0 | 10.0 | 9.2 | | | |
 e ~~9.7~~ 9.7 | 9.7 | 9.7 | 9.3 | | | |
 e ~~10.1~~ 10.1 | 10.1 | 10.1 | 9.5 | | | |

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In all cases where the number is underlined the variable is fainter- not brighter- than the comparison star "e"

Measure of mu Herculis +33 2864. comparing it with e Herculis +37 2864

April 9, 1909

AC 10265 AC 4504

[u3e] [u3e]

AC 8334 AC 4942

u off PL [u2e]

AC 6461 AC 4436

[u0e] One edge of PL [u5e]

AC 8380 AC 3540

[u2e] One edge [u2e]

AC 8326 AC 1287

[u73] u near edge of film u1e

AC 8268

AC 1311

[u4e] u near edge of film U2e

AC 8587

AC 1324

[u2e] near edge of film u3e

AC 9413 AC 1441

[u1e] [u5e]

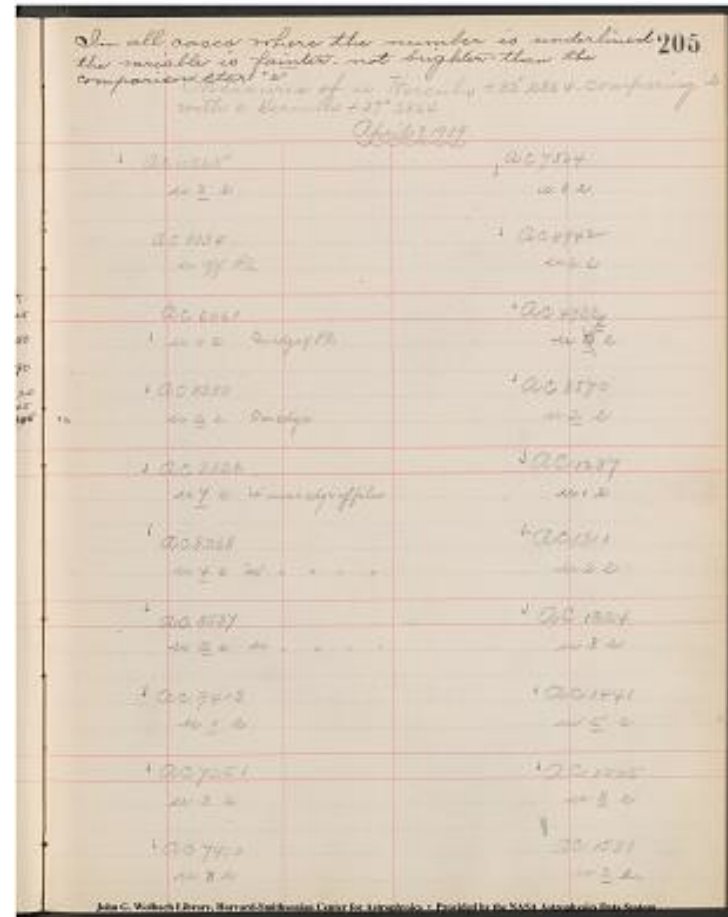
AC 4251 AC 1505

[u3e] [u3e]

AC 7410 AC 1581

u3e [u3e]

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Measures of mu Herculis (cont.)

Apr 9, 1909.

☒ AC 1656
mu 8 e

☒ AC 1670
mu 5 e

☒ AC 1706
mu 3 e

☒ AC 1759
mu 1 e

☒ AC 1813
mu 3 e

☒ AC 1829
mu 0 e

☒ AC 1916
mu 1 e

☒ AC 2314
Too near edge

☒ AC 51
mu 1 e

☒ AC 252
mu 3 e

[[list continues into center of page]]

☒ AC 913
mu 0 e

☒ AC 1213
mu 2 e

☒ AC 279 ☐
mu 5 e

☒ AC 390
mu 1 e

206

Measures of mu Herculis (cont.)

<input checked="" type="checkbox"/> AC 1656 mu 8	<input checked="" type="checkbox"/> AC 1670 mu 5	<input checked="" type="checkbox"/> AC 1706 mu 3
<input checked="" type="checkbox"/> AC 1759 mu 1	<input checked="" type="checkbox"/> AC 1813 mu 3	<input checked="" type="checkbox"/> AC 1829 mu 0
<input checked="" type="checkbox"/> AC 1916 mu 1	<input checked="" type="checkbox"/> AC 2314 Too near edge	<input checked="" type="checkbox"/> AC 51 mu 1
<input checked="" type="checkbox"/> AC 252 mu 3	<input checked="" type="checkbox"/> AC 913 mu 0	<input checked="" type="checkbox"/> AC 1213 mu 2
<input checked="" type="checkbox"/> AC 279 <input type="checkbox"/>	<input checked="" type="checkbox"/> AC 390 mu 1	

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☒ AC 473
U 2 e Images poor

☒ AC 701
mu 0 e

☒ AC 743 Iso
mu 4 e

☒ AC 773
mu 3 e

☒ AC 806
mu 3 e

☒ AC 826
mu 3 e

[[list continues into final column on right side of page]]

☒ AC 881
mu 3 e

☒ AC 827
mu 4 e

☒ AC 928
mu 2 e

☒ AC 970
mu 3 e

☒ AC 1405
mu 3 e

☒ AC 1435
mu 4 e

☒ AC 1482 Iso
mu 3 e

☒ AC 1559
mu 4 e

☒ AC 1623
mu 2 e

☒ AC 1637
mu 2 e

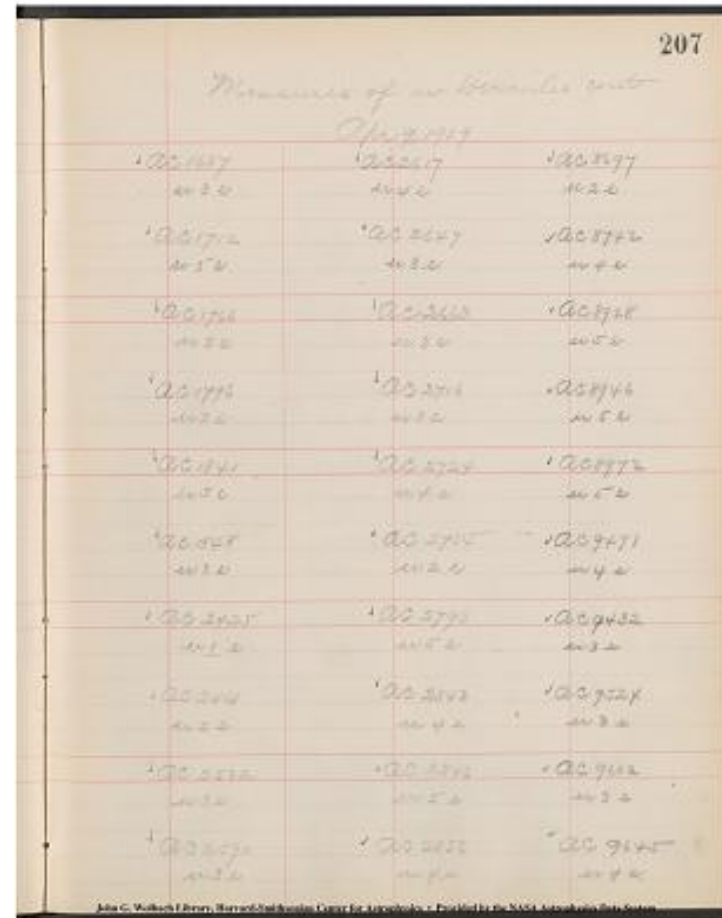
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Measurement of mu Herculis cont

Apr 9, 1909

[symbol - checkmark]AC1687 | [symbol - checkmark]AC2617 |
 [symbol - checkmark]AC8697 |
 mu3e | mu4e | mu2e
 [symbol - checkmark]AC1712 | [symbol - checkmark]AC2647 |
 [symbol - checkmark]AC8742 |
 mu5e | mu3e | mu4e
 [symbol - checkmark]AC1766 | [symbol - checkmark]AC2663 |
 [symbol - checkmark]AC8928 |
 mu3e | mu3e | mu5e
 [symbol - checkmark]AC1796 | [symbol - checkmark]AC2716 |
 [symbol - checkmark]AC8946 |
 mu2e | mu3e | mu5e
 [symbol - checkmark]AC1841 | [symbol - checkmark]AC2742 |
 [symbol - checkmark]AC8972 |
 mu5e | mu4e | mu5e
 [symbol - checkmark]AC1848 | [symbol - checkmark]AC2755 |
 [symbol - checkmark]AC9471 |
 mu3e | mu2e | mu4e
 [symbol - checkmark]AC2425 | [symbol - checkmark]AC2790 |
 [symbol - checkmark]AC9432 |
 mu1e | mu5e | mu3e
 [symbol - checkmark]AC2460 | [symbol - checkmark]AC2843 |
 [symbol - checkmark]AC9524 |
 mu2e | mu4e | mu3e
 [symbol - checkmark]AC2532 | [symbol - checkmark]AC2846 |
 [symbol - checkmark]AC9602 |
 mu3e | mu5e | mu3e
 [symbol - checkmark]AC2590 | [symbol - checkmark]AC2856 |
 [symbol - checkmark]AC9645 |
 mu3e | mu4e | mu4e

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Measures of mu Herculis (cont)

[[Apr. 12, 1909]]

[[3 columned table]]

AC9674|AC3197|AC3800|
 mu 4 e|mu 6 e|mu 5 e|
 AC9763|AC3344|AC3837|
 mu 5 e|mu 5 e|mu 4 e|
 AC9777|AC3468|AC3856|
 mu 4 e|mu 6 e|mu 2 e|
 AC9802|AC3502|AC3950|
 mu 4 e|mu 5 e|mu 1 e|
 AC9825|AC3511|AC3958|
 mu 2 e|mu 4 e|mu 2 e|
 AC9977|AC3592|AC3965|
 mu 3 e|mu 3 e|mu 3 e|
 AC10187|AC3617|AC4027|
 mu 2 e|mu 4 e|mu 4 e|
 AC10315|AC3652|AC4074|
 mu 4 e|mu 3 e|mu 3 e|
 AC2879|AC3711|AC4725|
 mu 2 e|mu 1 e|mu 4 e|
 AC2925|AC3778|AC4745|
 mu 2 e|mu 3 e|mu 4 e|

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Measures of mu Herculis (cont)

Apr. 12, 1909

AC 9774 mu 4 e	AC 3197 mu 6 e	AC 3800 mu 5 e
AC 9763 mu 5 e	AC 3344 mu 5 e	AC 3837 mu 4 e
AC 9777 mu 4 e	AC 3468 mu 5 e	AC 3856 mu 2 e
AC 9802 mu 4 e	AC 3502 mu 5 e	AC 3950 mu 1 e
AC 9825 mu 2 e	AC 3511 mu 4 e	AC 3958 mu 2 e
AC 9977 mu 3 e	AC 3592 mu 3 e	AC 3965 mu 3 e
AC 10187 mu 2 e	AC 3617 mu 4 e	AC 4027 mu 4 e
AC 10315 mu 4 e	AC 3652 mu 3 e	AC 4074 mu 3 e
AC 2879 mu 2 e	AC 3711 mu 1 e	AC 4725 mu 4 e
AC 2925 mu 2 e	AC 3778 mu 3 e	AC 4745 mu 4 e

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Measures of u Herculis (cont)

Apr 12, 1909

[[3 columned table]]

AC4791|AC5189|AC6108|
 u 3 e|u 4 e|u 3 e|
 AC4834|AC5252|AC6138|
 u 4 e|u 3 e|u 2 e|
 AC4850|AC529 |AC6198|
 u 2 e|u 5 e|u 4 e|
 AC4853|AC5333|AC6259|
 u 3 e|u 3 e|u 3 e|
 AC4886|AC5393|AC6279|
 u 6 e|u 4 e|u 4 e|
 AC5013|AC5461|AC6357|
 u 4 e|u 3 e|u 4 e|
 AC5054|AC5913|AC6506|
 u 3 e|u 3 e|u 3 e|
 AC5076|AC5942|AC6522|
 u 4 e|u[[underlined]]2[[/underlined]] e|u 3 e|
 AC5124|AC5987|AC6566|
 u 4 e|u 2 e|u 4 e|
 AC5129|AC6059|AC6656|
 u 3 e|u 2 e|u 4 e|

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Measures of u Herculis (cont)

Apr 12, 1909

• AC 4791 u 3 e	• AC 5189 u 4 e	• AC 6108 u 3 e
• AC 4834 u 4 e	• AC 5252 u 3 e	• AC 6138 u 2 e
• AC 4850 u 2 e	• AC 5292 u 5 e	• AC 6198 u 4 e
• AC 4853 u 3 e	• AC 5333 u 3 e	• AC 6259 u 3 e
• AC 4886 u 6 e	• AC 5393 u 4 e	• AC 6279 u 4 e
• AC 5013 u 4 e	• AC 5461 u 3 e	• AC 6357 u 4 e
• AC 5054 u 3 e	• AC 5913 u 3 e	• AC 6506 u 3 e
• AC 5076 u 4 e	• AC 5942 u 3 e	• AC 6522 u 3 e
• AC 5124 u 4 e	• AC 5987 u 2 e	• AC 6566 u 4 e
• AC 5129 u 3 e	• AC 6059 u 2 e	• AC 6656 u 4 e

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Measures of mu Herculis (cont)

Apr. 12, 1909

[[checkmark]] AC 6666
mu 5 e

[[checkmark]] AC 6877
mu 3 e

[[checkmark]] AC 6913
mu 4 e

[[checkmark]] AC 6988
mu 4 e

[[checkmark]] AC 7034
mu 5 e

[[checkmark]] AC 7043
mu 4 e

[[checkmark]] AC 7071
mu 4 e

[[checkmark]] AC 7401
mu 3 e

[[checkmark]] AC 7469
mu 3 e

[[checkmark]] AC 7540
mu 3 e

[[list continues into a central column of page]]

[[checkmark]] AC 7568
mu 3 e

[[checkmark]] AC 7604
mu 5 e

[[checkmark]] AC 7660
mu 4 e

[[checkmark]] AC 7688
mu 4 e

[[checkmark]] AC 7703
mu 3 e

210

Measures of mu Herculis (cont)

Apr. 12, 1909

• AC 6666 mu 5 e	• AC 6877 mu 3 e	• AC 6913 mu 4 e
• AC 6988 mu 4 e	• AC 7034 mu 5 e	• AC 7043 mu 4 e
• AC 7071 mu 4 e	• AC 7401 mu 3 e	• AC 7469 mu 3 e
• AC 7540 mu 3 e	• AC 7568 mu 3 e	• AC 7604 mu 5 e
• AC 7660 mu 4 e	• AC 7688 mu 4 e	• AC 7703 mu 3 e

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[[checkmark]] AC 7793
mu 4 e

[[checkmark]] AC 7832
mu 4 e

[[checkmark]] AC 7841
mu 5 e

[[checkmark]] AC 7980
mu 3 e

[[checkmark]] AC 8034
mu 3 e

[[list continues into a final column on the right side of the page]]

[[checkmark]] AC 8369
mu 3 e

[[checkmark]] AC 8423
mu 3 e

[[checkmark]] AC 8431
mu 2 e

[[checkmark]] AC 8506
mu 3 e

[[checkmark]] AC 8529
mu 4 e

[[checkmark]] AC 8522
mu 1 e

[[checkmark]] AC 8580
mu 3 e

[[checkmark]] AC 8600
mu 3 e

[[checkmark]] AC 8626
mu 3 e

[[checkmark]] AC 5260
mu 3 e

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Measures of mu Herculis (cont)

Apr. 14, 1909

[checkmark] AC 5256

~~52~~ mu 1 e

[checkmark] AC 1332

mu 3 e

[checkmark] AC 6911

mu 3 e

[checkmark] AC 1496

mu 1 e

[checkmark] AC 1494

mu 2 e

[checkmark] AC 1472

mu 2 e

[checkmark] AC 1488

mu 1 e

[checkmark] AC 1484

mu 2 e

[checkmark] AC 1465

mu 1 e

[checkmark] AC 1458

mu 4 e

[list continues into a central column of page]

[checkmark] AC 1454

mu 8 e

[checkmark] AC 1453

mu 7 e

[checkmark] AC 1445

mu 5 e

[checkmark] AC 1437

mu 4 e

[checkmark] AC 430

mu 2 e

211

Measures of mu Herculis (cont)

April 14

✓ QI 5256 AC 5256	✓ QI 1488 AC 1488	✓ QI 939 AC 939
✓ QI 1332 AC 1332	✓ QI 1496 AC 1496	✓ QI 937 AC 937
✓ QI 6911 AC 6911	✓ QI 1494 AC 1494	✓ QI 937 AC 937
✓ QI 1496 AC 1496	✓ QI 1437 AC 1437	✓ QI 937 AC 937
✓ QI 1494 AC 1494	✓ QI 1458 AC 1458	✓ QI 937 AC 937
✓ QI 1472 AC 1472	✓ QI 1484 AC 1484	✓ QI 937 AC 937
✓ QI 1488 AC 1488	✓ QI 1465 AC 1465	✓ QI 937 AC 937
✓ QI 1484 AC 1484	✓ QI 1458 AC 1458	✓ QI 937 AC 937
✓ QI 1465 AC 1465	✓ QI 1458 AC 1458	✓ QI 937 AC 937
✓ QI 1458 AC 1458	✓ QI 1454 AC 1454	✓ QI 937 AC 937
✓ QI 1454 AC 1454	✓ QI 1453 AC 1453	✓ QI 937 AC 937
✓ QI 1453 AC 1453	✓ QI 1445 AC 1445	✓ QI 937 AC 937
✓ QI 1445 AC 1445	✓ QI 1437 AC 1437	✓ QI 937 AC 937
✓ QI 1437 AC 1437	✓ QI 430 AC 430	✓ QI 937 AC 937

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[[checkmark]] AC 411
 $\mu_0 e$

[[checkmark]] AC 978
 $\mu_{\underline{2}} \underline{e}$

[[checkmark]] AC 971
 $\mu_2 e$

[[checkmark]] AC 965
 $\mu_3 e$

[[checkmark]] AC 956
 $\mu_2 e$

[[list continues into a final column on the right side of the page]]

[[checkmark]] AC 940
 $\mu_4 e$

[[checkmark]] AC 939
 $\mu_2 e$

[[checkmark]] AC 927
 $\mu_3 e$

[[checkmark]] AC 918
 $\mu_3 e$

[[checkmark]] AC 6685
 $\mu_{\underline{2}} \underline{e}$

[[checkmark]] AC 6670
 $\mu_{\underline{4}} \underline{e}$

[[checkmark]] AC 6650
 $\mu_1 e$

[[checkmark]] AC 6648
 $\mu_{\underline{2}} \underline{e}$ ~~$\mu_{\underline{2}} \underline{e}$~~

[[checkmark]] AC 6627
 $\mu_{\underline{2}} \underline{e}$

[[checkmark]] AC 7373
 $\mu_2 e?$

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Measures of mu Herculis (cont)

Apr. 14, 1909

[[checkmark]] AI 7349
mu n.s. Pl. defective?

[[checkmark]] AI 7338
mu 5 e

[[checkmark]] AI 996
mu 4 e

[[checkmark]] AI 992
mu 3 e

[[checkmark]] AI 6520
mu 3 e

[[checkmark]] AI 6530
mu 3 e Images poor.

[[checkmark]] AI 6562
mu 2 e Near edge

[[checkmark]] AI 6598
mu 3 e "

[[checkmark]] AI 7683
mu 5 e "

[[checkmark]] AI 7662
mu 1 e

[[list continues into a central column of page]]

[[checkmark]] AI 7663
mu 0 e

[[checkmark]] AI 7659
mu 1 e ?

[[checkmark]] AI 7647
mu 2 e

[[checkmark]] AI 7636
mu 3 e

[[checkmark]] AI 7601
mu 3 e

212

Measures of mu Herculis (cont)

Apr. 14, 1909

AI 7349	AI 7363	AI 7372
mu n.s. Pl. defective?	mu 0 e	mu 2 e
AI 7338	AI 7357	AI 7374
mu 5 e	mu 1 e	mu 1 e
AI 996	AI 997	AI 998
mu 4 e	mu 2 e	mu 2 e
AI 992	AI 7334	AI 7379
mu 3 e	mu 2 e	mu 2 e
AI 6520	AI 7361	AI 7377
mu 3 e	mu 2 e	mu 2 e
AI 6530	AI 7357	AI 7378
mu 3 e Images poor.	mu 2 e	mu 2 e
AI 6562	AI 7367	AI 7385
mu 2 e Near edge	mu 2 e	mu 2 e
AI 6598	AI 7370	AI 7376
mu 3 e "	mu 2 e	mu 2 e
AI 7683	AI 7373	AI 7375
mu 5 e "	mu 2 e	mu 2 e
AI 7662	AI 7376	AI 7377
mu 1 e	mu 2 e	mu 2 e

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[[checkmark]] AI 7267
mu 4 e

[[checkmark]] AI 7247
mu 3 e

[[checkmark]] AI 7220
mu 2 e

[[checkmark]] AI 7209
mu 3 e

[[checkmark]] AI 6798
mu 3 e

[[list continues into a final column on the right side of the page]]

[[checkmark]] AI 6792
mu 2 e

[[checkmark]] AI 6767
mu 1 e

[[checkmark]] AI 6761
mu 2 e

[[checkmark]] AI 6749
mu 2 e

[[checkmark]] AI 6737
mu 3 e

[[checkmark]] AI 6994
mu 5 e

[[checkmark]] AI 6985
mu 3 e

[[checkmark]] AI 6976
mu 3 e

[[checkmark]] AI 6972
mu 3 e

[[checkmark]] AI 6967
mu 3 e

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Measures of mu Herculis (cont)

Apr. 15, 1909

AI6851 AI145 AI146
mu 1 e mu 3 e mu 0 e

AI225 AI170 AI144
mu 1 e mu 1 e Too poor

AI224 AI183 AI184
Too poor mu 1 e Too poor

AI221 AI186 AI488
mu 1 e mu 6 e mu 1 e

AI84 AI191 AI6828
mu 4 e mu 3 e mu 0 e

AI102 AI6846 AI6806
mu 2 e mu 3 e mu 2 e

AI112 AI6815 AI1435
mu 1 e mu 3 e mu 10 e

AI128 AI6762 AI1422
mu 1 e mu 1 e mu 3 e

AI133 AI1429 AI1421
mu 1 e mu 0 e mu 8 e

AI138 AI1416 AI1415
mu 2 e mu 1 e mu 3 e

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Measures of mu Herculis (cont)

Apr. 15, 1909

AI	AI	AI
AI6851	AI145	AI146
mu 1 e	mu 3 e	mu 0 e
AI225	AI170	AI144
mu 1 e	mu 1 e	Too poor
AI224	AI183	AI184
Too poor	mu 1 e	Too poor
AI221	AI186	AI488
mu 1 e	mu 6 e	mu 1 e
AI84	AI191	AI6828
mu 4 e	mu 3 e	mu 0 e
AI102	AI6846	AI6806
mu 2 e	mu 3 e	mu 2 e
AI112	AI6815	AI1435
mu 1 e	mu 3 e	mu 10 e
AI128	AI6762	AI1422
mu 1 e	mu 1 e	mu 3 e
AI133	AI1429	AI1421
mu 1 e	mu 0 e	mu 8 e
AI138	AI1416	AI1415
mu 2 e	mu 1 e	mu 3 e

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μ_0 e

[[checkmark]] AI 7373
 μ_5 Towards edge.

[[checkmark]] AI 7181
 μ_2 e

[[checkmark]] AI 7145
 μ_2 e

[[checkmark]] AI 7069
 μ_5 e Near edge

[[checkmark]] AI 7110
 μ_4 e

[[list continues into a final column on the right side of page]]

[[checkmark]] AI 5261
 μ_4 e

[[checkmark]] AI 5206
 μ_0 e

[[checkmark]] AI 5426
 μ_3 e

[[checkmark]] AI 5446
 μ_3 e

[[checkmark]] AI 7519
 μ_0 e

[[checkmark]] AI 7187
 μ_3 e

[[checkmark]] AI 7161
 μ_3 e

[[checkmark]] AI 7142
 μ_3 e

[[checkmark]] AI 7132
 μ_4 e

[[checkmark]] AI 7099 Near edge
 μ_8 e

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or 32
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Measures of mu Herculis (cont)

Apr. 15, 1909

☒ AI 7091
mu 3 3 e

☒ AI 7078
mu 4 4 e Near Edge

☒ AI 7062
mu 3 3 e

☒ AI 7058
mu 3 3 e

☒ AI 7039
mu 3 3 e Near edge

☒ AI 7012
mu n.s. Plate defective?

☒ AI 7009
mu e Near edge

☒ AI 7001
mu 5 5 e

☒ AI 2577
mu 1 e

☒ AI 2567
mu 1 e

[list continues into a central column on page]

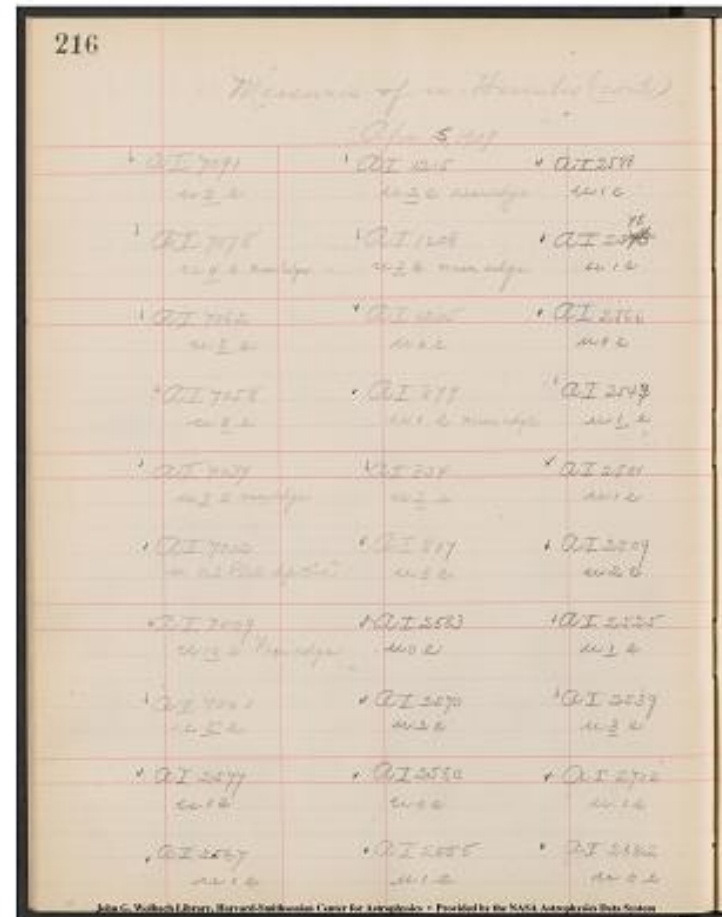
☒ AI 1215
mu 2 2 e Near edge

☒ AI 1208
mu 3 3 e Near edge

☒ AI 1205
mu 0 e

☒ AI 877
mu 1 e Near edge

☒ AI 834
mu 2 2 e



[[checkmark]] AI 817
 $\mu_3 e$

[[checkmark]] AI 2583
 $\mu_0 e$

[[checkmark]] AI 2570
 $\mu_2 e$

[[checkmark]] AI 2563
 $\mu_0 e$

[[checkmark]] AI 2555
 $\mu_1 e$

[[list continues into a final column on the right side of page]]

[[checkmark]] AI 2588
 $\mu_1 e$

[[checkmark]] AI 25~~46~~ ~~46~~⁴⁸
 $\mu_1 e$

[[checkmark]] AI 2566
 $\mu_0 e$

[[checkmark]] AI 2543
 $\mu_{\underline{1}} e$

[[checkmark]] AI 2501
 $\mu_1 e$

[[checkmark]] AI 2509
 $\mu_2 e$

[[checkmark]] AI 2525
 $\mu_{\underline{1}} e$

[[checkmark]] AI 2539
 $\mu_{\underline{3}} e$

[[checkmark]] AI 2702
 $\mu_1 e$

[[checkmark]] AI 2682
 $\mu_0 e$

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Measures of mu Herculis (cont)

Apr. 17, 1909[checkmark] AI 2547
mu 1 e[checkmark] AI 2544
mu 2 e[checkmark] AI 2502
Too poor[checkmark] AI 2507
mu 3 e[checkmark] AI 2511
mu 3 e[checkmark] AI 2532
mu 3 e[checkmark] AI 2695
mu 1 e[checkmark] AI 2672
mu 1 e[checkmark] AI 2656
mu 0 e[checkmark] AI 264~~4~~ 2 e

[list continues into a central column on page]

[checkmark] AI 2693
mu 4 e[checkmark] AI 2671
mu 1 e[checkmark] AI 2629
mu 8 e[checkmark] AI 2625
mu 2 e[checkmark] AI 2612
mu 2 e

217

Measures of μ Herculis (cont)

April 17, 1909

AI 2547 mu 1 e	AI 2544 mu 2 e	AI 2502 Too poor
AI 2507 mu 3 e	AI 2511 mu 3 e	AI 2532 mu 3 e
AI 2695 mu 1 e	AI 2672 mu 1 e	AI 2656 mu 0 e
AI 264 4 <u>2</u> e	AI 2693 mu 4 e	AI 2671 mu 1 e
AI 2629 mu 8 e	AI 2625 mu 2 e	AI 2612 mu 2 e

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[[checkmark]] AI 2605
mu 2 e

[[checkmark]] AI 5692
mu 2 e Near edge

[[checkmark]] AI 1224
mu 2 e

[[checkmark]] AI 1378
mu 1 1 e

[[checkmark]] AI 1371
mu 2 e

[[list continues into a final column on the right side of page]]

[[checkmark]] AI 2673
mu 2 e

[[checkmark]] AI 2658
mu 2 e

[[checkmark]] AI 2630
mu 2 2 e

[[checkmark]] AI 2621
mu 2 e

[[checkmark]] AI 2613
mu 1 e

[[checkmark]] AI 5603
mu 3 3 e

[[checkmark]] AI 5693
mu 1 1 e

[[checkmark]] AI 705
mu 2 2 e

[[checkmark]] AI 1366
mu 0 e

[[checkmark]] AI 1365
mu 1 e

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Measures of mu Herculis (cont).

Apr. 20, 1909

AI1363 | AI7109 | AI310
mu2 near edge | mu3e |
mu2e

AI7002 | AI7131 | AI5249
mu1e | mu2e | mu2e

AI7003 | AI7140 | AI5234
mu3e | mu3e | mu2e

AI7040 | AI7148 | AI5229
Defective in [r. of v.?] | mu3e | m1

AI7050 | AI7316 | AI6888
mu0e | mu9e | mu2e

AI7068 | AI7337 | AI6884
mu1e | mu7e |
mu1e

AI7087 | AI1357 | AI6879
mu0e | mu2e | mu2e

AI7083 | AI5293 | AI6848
mu1e | mu1e | mu1e

AI7100 | AI5267 | AI6849
mu0e | mu1e | mu4e

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Measures of mu Herculis (cont.)		
AI 1363	AI 7109	AI 310
mu 2 near edge	mu 2e	mu 2e
AI 7002	AI 7131	AI 5249
mu 1e	mu 2e	mu 2e
AI 7003	AI 7140	AI 5234
mu 3e	mu 3e	mu 2e
AI 7040	AI 7148	AI 5229
Defective in [r. of v.?]	mu 3e	mu 1
AI 7050	AI 7316	AI 6888
mu 0e	mu 9e	mu 2e
AI 7068	AI 7337	AI 6884
mu 1e	mu 7e	
AI 7087	AI 1357	AI 6879
mu 0e	mu 2e	mu 2e
AI 7083	AI 5293	AI 6848
mu 1e	mu 1e	mu 1e
AI 7100	AI 5267	AI 6849
mu 0e	mu 1e	mu 4e

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 Measures of in Herculis
 Apr 20, 1909
 AI6839 AI6810 AI6966
 u3e u1e u1e
 AI6838 AI6915 AI6948
 u2e u1e u0e
 AI6812 AI6922 AI6986
 u2e u2e u5e
 AI6903 AI6948 AI6995
 u3e u0e u2e
 AI6917 AI6960 AI6997
 u3e u1e u2e
 AI7392 AI1250 AI1248
 u1e u0e u1e
 AI1342 AI1337 AI1240
 u0e u1e u2e
 AI1236 AI1231 AI5996
 u0e u3e u3e
 AI5977 AI5972 AI5933
 u0e u0e u3e
 AI59~~40~~ AI5958 AI5923
 u0e u3e u3e
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Measures of in Herculis (cont.)

AI 6839 u3e	AI 6810 u1e	AI 6966 u1e
AI 6838 u2e	AI 6915 u1e	AI 6948 u0e
AI 6812 u2e	AI 6922 u2e	AI 6986 u5e
AI 6903 u3e	AI 6948 u0e	AI 6995 u2e
AI 6917 u3e	AI 6960 u1e	AI 6997 u2e
AI 7392 u1e	AI 1250 u0e	AI 1248 u1e
AI 1342 u0e	AI 1337 u1e	AI 1240 u2e
AI 1236 u0e	AI 1231 u3e	AI 5996 u3e
AI 5977 u0e	AI 5972 u0e	AI 5933 u3e
AI 59 40 u0e	AI 5958 u3e	AI 5923 u3e

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Measures of seq. for var +62° 2007 (ago)
(Seq on a6 4067)

April ~~6~~ 7, 1908 (Scale 8858)

a6 4067 || Se No 1 || Sc No 2 || Con -0.2 || Con lo Se 2 |
a) |B 2.5 |2.7 |~~2.5~~ |2.7 |
b) |3.3 |3.3 |~~3.1~~ |3.5 |
c) |3.5 |3.6 |~~3.4~~ |3.7 |
d) |3.5 |3.7 |~~3.5~~ |3.7 |
e) |3.9 |4.2 |~~4.0~~ |4.1 |
var |3.4 |3.3 |~~3.1~~ |3.6 |

Ac 3912 || Se No3 || Sc No2 || Con -0.4 |
a) |3.8 |4.2 |~~3.8~~ |4.2 |
b) |4.5 |4.8 |~~4.4~~ |4.9 |
c) |4.8 |5.1 |~~4.7~~ |5.2 |
d) |4.8 |5.1 |~~4.7~~ |5.2 |
e) |5.3 |5.5 |~~5.1~~ |5.7 |
var |4.2 |4.9 |~~4.5~~ |4.6 |

ac 4091 || No 1 || No2 |
a) |2.3 |2.5 |~~2.3~~ |2.5 |
b) |3.0 |3.0 |~~2.8~~ |3.2 |
c) |3.3 |3.4 |~~3.2~~ |3.5 |
d) |3.5 |3.7 |~~3.5~~ |3.7 |
e) |3.9 |4.2 |~~4.0~~ |4.1 |
var |3.2 |3.1 |~~2.9~~ |3.4 |

ac 3818 || No1 || No2 |
a) |2.6 |2.9 |~~2.7~~ |2.8 |
b) |3. |~~2~~ |1 |3.5 |
|~~3.3~~ |3.3 |
c) |3.5 |3.8 |~~3.6~~ |3.7 |
d) |3.6 |4.0 |~~3.8~~ |3.8 |
e) |3.9 |4.3 |~~4.1~~ |4.1 |
var |3.7 |3.4 |~~3.2~~ |3.4 |

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Measures of seq. for var +62° 2007 (ago)
(Seq on a6 4067)

April 6 7, 1908 (Scale 8858)

	Se No 1	Sc No 2	Con -0.2	Con lo Se 2
a)	2.5	2.7	2.5	2.7
b)	3.3	3.3	3.1	3.5
c)	3.5	3.6	3.4	3.7
d)	3.5	3.7	3.5	3.7
e)	3.9	4.2	4.0	4.1
var	3.4	3.3	3.1	3.6

	Se No3	Sc No2	Con -0.4
a)	3.8	4.2	3.8
b)	4.5	4.8	4.4
c)	4.8	5.1	4.7
d)	4.8	5.1	4.7
e)	5.3	5.5	5.1
var	4.2	4.9	4.5

	No 1	No2
a)	2.3	2.5
b)	3.0	3.0
c)	3.3	3.4
d)	3.5	3.7
e)	3.9	4.2
var	3.2	3.1

	No1	No2
a)	2.6	2.9
b)	3.	2
c)	3.5	3.8
d)	3.6	4.0
e)	3.9	4.3
var	3.7	3.4

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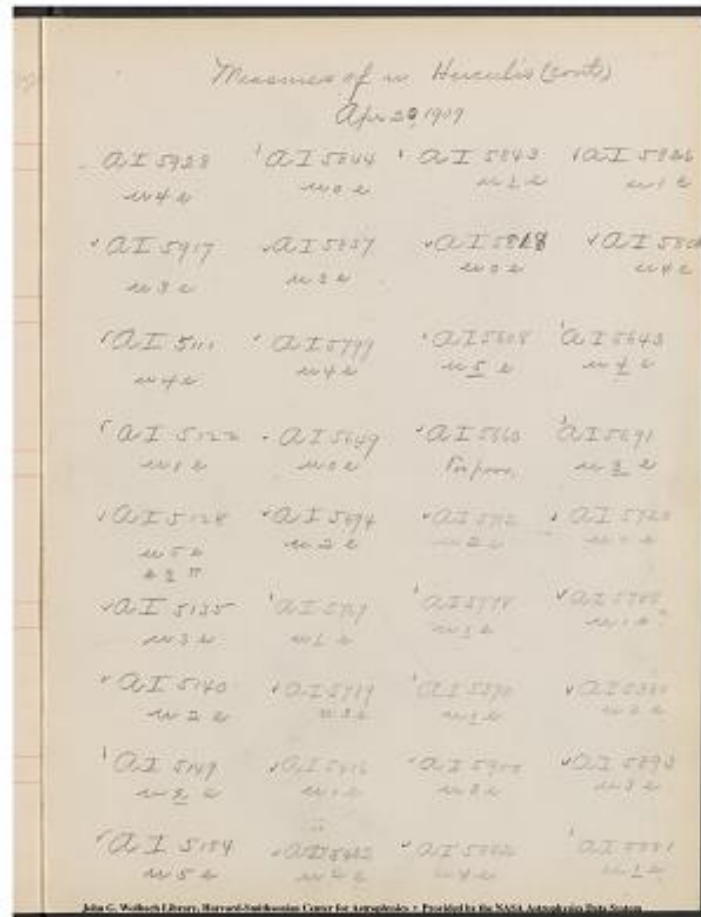
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Measures of u Herculis (cont)
Apr 20, 1909

[[4 column table]]

AI 5923 | AI 5844 | AI 5843 | AI 5836
u4e | u0e | u[[u1e]]e | u1e
AI 5917 | AI 5837 | AI 5818 | AI 5804
u3e | u3e | u0e | u4e
AI 5111 | AI 5799 | AI 5608 | AI 5643
u4e | u4e | u5e | u4e
AI 5122 | AI 5649 | AI 5660 | AI 5691
u1e | u0e | Too poor. | u[[u3e]]e
AI 5128 | AI 5694 | AI 5712 | AI 5720
u5e | u2e | u2e | u0e
e[[u3e]]e
AI 5135 | AI 5767 | AI 5778 | AI 5780
u3e | u[[u1e]]e | u[[u1e]]e |
u1e?
AI 5140 | AI 5789 | AI 5370 | AI 5380
u2e | u3e | u[[u1e]]e | u3e
AI 5149 | AI 5416 | AI 5900 | AI 5893
u[[u2e]]e | u1e | u3e | u3e
AI 5184 | AI 5482 | AI 5882 | AI 5881
u5e | u2e | u4e | u[[u1e]]e

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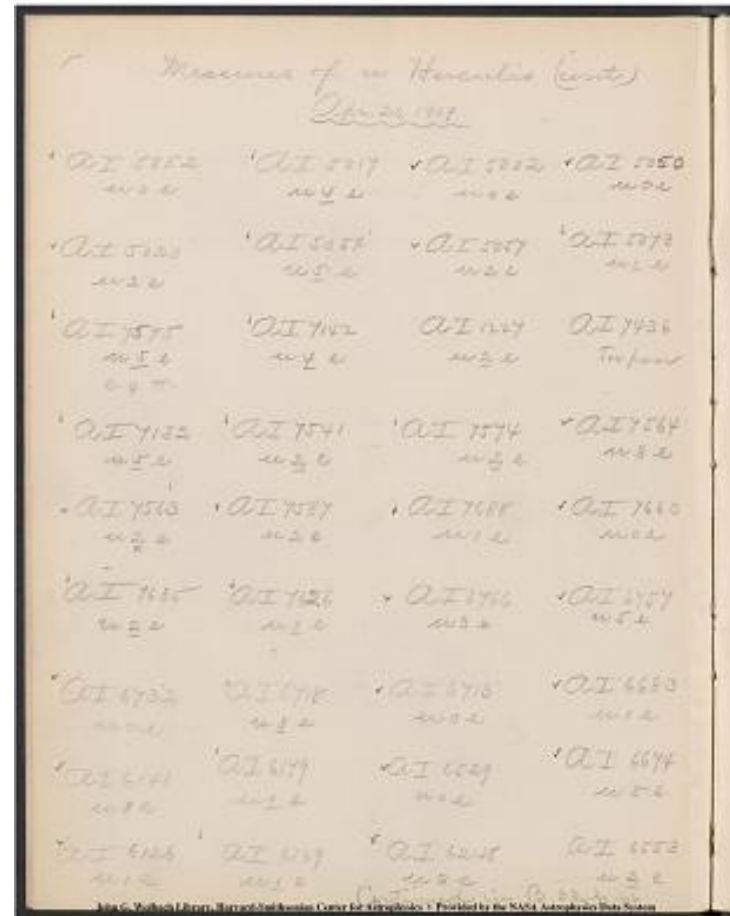


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Measures of u Herculis (cont)
Apr. 26, 1909

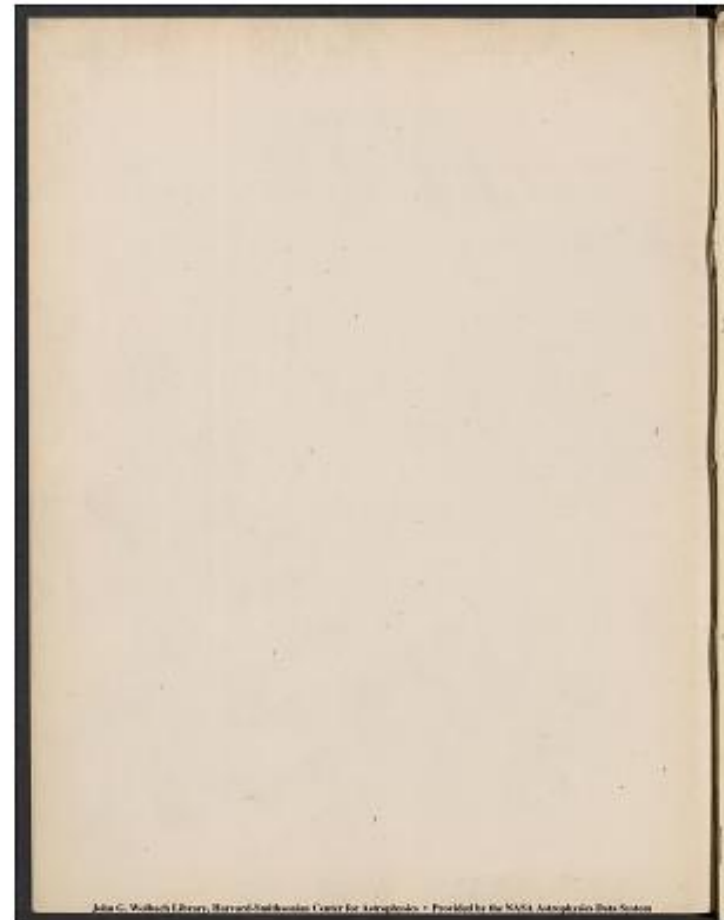
AI 5852		AI 5017		AI 5032		AI 5050
u0e		u4e		u0e		u0e
AI 5020		AI 5054		AI 5057		AI 5073
u2e		u5e		u2e		u1e
AI 7575		AI 7142		AI 1227		AI 7436
u5e		u4e		u2e		Too hard[[?]]
e4[[pi]]						
AI 7132		AI 7541		AI 7574		AI 7564
u5e		u2e		u2e		u3e
AI 7563		AI 7587		AI 7688		AI 7660
u2e		u2e		u1e		u0e
AI 7635		AI 7626		AI 6766		AI 6757
u2e		u1e		u3e		u5e
AI 6732		AI 6718		AI 6713		AI 6683
u0e		u3e		u0e		u1e
AI 6141		AI 6179		AI 6529		AI 6674
u2e		u1e		u0e		u5e
AI 6126		AI 6169		AI 6248		AI 6553
u1e		u1e		u3e		u2e
Continued in B33 - p.66

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[[image - line graph]]

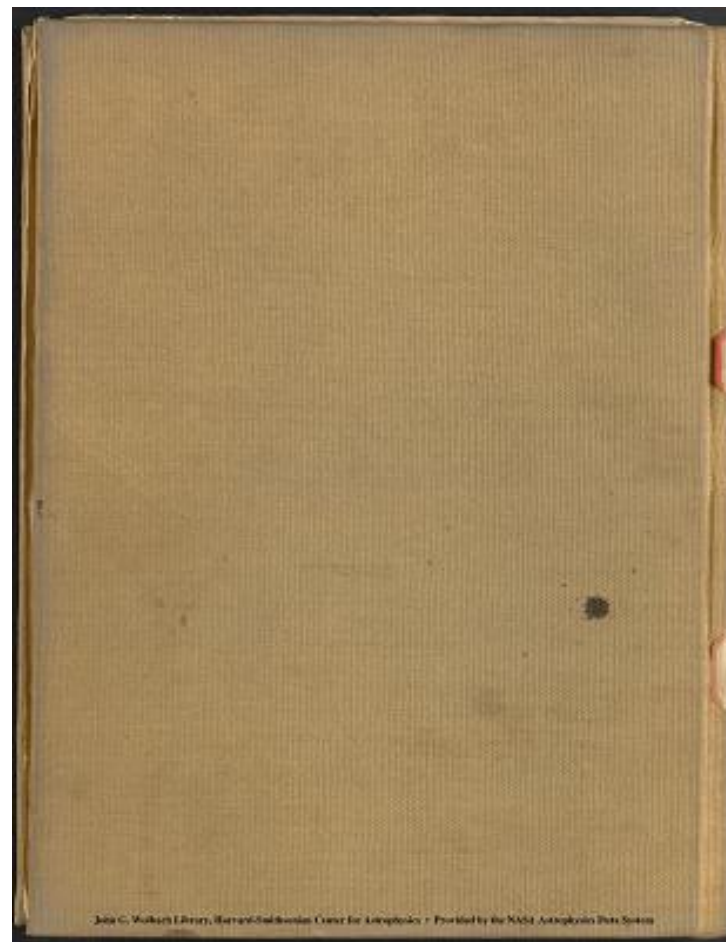


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