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Book IV

H. S. Locke.

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This bok examined thrugh page 217 for underlining, and corrections entered in copy in various bokes

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YELLOW

Shutter no 306

10.55

Series MC 541

Scale m

MC 9216 Pole

	Sc.1		Sc.2 9222 p12			Sc.1	P.C.	Sc.2		
						5.9				
1	B					5.7	5.80 11	5.7	5.80 5.80 ...	−1.36
2	off plate									
3	edge									
4	B							7.5	7.6 7.55 10	−1.69
5	B							8.5	8.6 8.55 10	−1.12
6	2.8 2.6			2.8	2.80 00	4.18		9.2	9.3 9.25 01	−1.27
7	3.6 3.4		B	3.8	3.70 11	3.76		9.7	9.7 9.70 00	−1.24
8	4.5 4.3	4.40 11	4.3	4.55	4.48 05 07	3.55		7		
9	5.8 5.6	5.75 01	5.7	6.10	5.92 17 18	2.84				
10	5.9 5.7	6.00 11	6.1	6.20	6.10 10 10	2.78				
11	7.1 6.9	7.20 11	7.3	7.3	7.25 05 05	2.11				
12			7.5	7.7	7.60 11	1.98				
13			8.4	8.5	8.45 01	1.63				
14			8.7	8.7	8.70 00	1.54				
15			9.3	9.3	9.30 00	1.34				
16			9.5	9.3	9.40 11	1.54				
17			9.7	9.6	9.65 10	1.39				
18			7							

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Scale m mc 9216 (cont.) diff. images

	Sc.1	Sc.2	Sc 1 Sc 2				
	g	h					
1	J.P.	J.P					
4	J.P.	7.7	9.80	7.75	1.0	−1.89	
5	8.6	8.50 1.1	8.4	8.55	8.52 .02 .03	−2.09	
6	9.4	9.45 .01	9.5	9.35	9.40 .05 .05	−2.42	
7	9.8	9.75 .01	9.7	9.90	9.82 .07 .05	−2.36	
8	J		J				

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Scale m | MC 9217 | C11 | 20 59.7 +15.0 | Alt. corr. +.10

	Sc 1		Sc 2	Cu	Magn	Sc 1	P.C.	Sc 2	Cu	Magn
1								8.4	-2.04	6.36
2								8.1	-1.93	6.17
3								9.8	-2.23	7.57
4	B							8.1	-1.93	6.17
5	3.7 3.5			3.80	7.50			9.5	-2.25	7.25
6	4.1 3.9	4.20 11	4.3	3.59	7.79			9.9		
7	5.8 5.6	5.75 01	5.7	2.90	8.65			7		
8	5.9 5.7	5.80 11	5.7	2.88	8.68					
9	6.0 5.8	6.05 01	6.1	2.77	8.82					
10	6.9 6.7	6.85 10	6.8	2.31	9.16					
11	7.1 6.9	7.20 11	7.3	2.13	9.33					
12	5.6 5.4	5.60 00	5.6	2.98	8.58					
13	5.1 4.9	5.25 12	5.4	3.15	8.40					
14	5.6 5.4	5.50 11	5.4	3.01	8.51					
15			8.4	1.66	10.06					
16			8.3	1.70	10.00					
17			8.4	1.66	10.06					
18			8.1	1.78	9.88					
19			9.7	1.43	11.13					
20			9.4	1.44	10.84					
21			9.9	1.43	11.33					
22			7							
23			8.9	1.50	10.40					
24			7							

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Scale m mc 9217 (cont) diff. images Alt. corr. +.10

	Sc1 8h	Sc2	Sc1 4h	Sc2	Cu	magn
1	8.5	8.45	10	8.4	-2.10	6.35
2	7.7	7.70	00	7.7	-1.86	5.84
3	9.8	9.70	11	9.6	-2.38	7.32
4	7.9	7.90	00	7.9	-1.92	5.98
5	9.8	9.75	01	9.7	-2.37	7.38
6	7			7		
7	7			7		

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Scale m MC 9219 2 aquarii 22 00 ± 0.0 Alt. corr +.03

	Sc.1	Sc.2	Cu	magn	Sc.1	PC.	Sc.2	Cu	magn
1	3.6 (3.8)	B	3.75	7.55			9.3	-2.24	7.06
2	5.3 (5.5) 5.50	5.5	3.01	8.51			〃		
3		7.4	2.05	9.45			〃		
3a		7.7	1.93	9.63					
3b		7.6	1.98	9.58					
4	6.3p. 6.45 (6.5)	6.4p	2.42	8.87					
5		8.5	1.63	10.13					
6		8.7	1.56	10.26					
6a		9.1	1.47	10.57					
7		9.4	1.44	10.84					
8		9.6	1.43	11.03					
9		9.7	1.43	11.13					
10		9.7	1.43	11.13					
11		9.9	1.43	11.33					
12		9.6	1.43	11.03					
13		〃							

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Scale m mc 9219 (cont.) diff. images alt. corr. +.03

	Sc.1 Sc.2	Sc.1 Sc.2	Cu magn	
	g	h		
1	9.2 9.25	9.3	+2.32	6.93
2	〃	9.9		

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8

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Scale m MC 9220 B 9 22 40 +45.0 Alt. corr. +.12

	Sc 1		Sc 2	Cu	Magn	Sc 1	P. C.	Sc 2	Cu	Magn
1	2.5 2.3			4.30	6.80			8.7	-2.14	6.56
2	2.7 2.5			4.22	6.92			8.9	-2.19	6.71
3	B							8.1	-1.93	6.17
4	2.9 2.7		B	4.14	7.04			8.9	-2.19	6.71
5	3.0 2.8		B	4.09	7.09			9.3	-2.24	7.06
6	4.0 3.8	4.25 2 3	4.5	3.58	7.83			9.9		
7	2.5 2.3		B	4.30	6.80			8.5	-2.08	6.42
8	5.6 5.4	5.45 2 1	5.3	3.06	8.51			H		
9	2.9 2.7		B	4.14	7.04			9.1	-2.22	6.88
10	5.8 5.6	5.75 0 1	5.7	2.90	8.65					
11	do not meas.									
12	5.5 5.3	5.55 1 0	5.6	3.00	8.55					
13	6.9 6.7	6.80 1 1	6.7	2.34	9.14					
14	4.4 4.2	4.45 0 1	4.5	3.49	7.94			9.9		
15			7.4	2.05	9.45					
16			7.5	2.01	9.51					
17			7.6	1.98	9.58					
18			8.1	1.78	9.88					
19			7.3	2.09	9.39					
20			7.8	1.89	9.69					
21			9.2	1.47	10.67					
22			7.6	1.98	9.58					
23			9.8	1.43	11.23					
24			9.8	1.43	11.23					
25			9.9	1.43	11.33					
26			9.4	1.44	10.84					
27			9.9	1.43	11.33					

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Scale m MC 9220 (cont.) diff. images Abb. corr. +.12

	Sc.1 g	Sc.2 g	Sc.1−Sc.2	Cu	Magn
1	8.7	8.75 (1°)	88	-2.18	6.57
2	9.3	9.10 (2²)	8.9	-2.29	6.81
3	7.7	7.65 (1°)	7.6		
4	8.7	8.70 (0°)	8.7	-2.17	6.53
5	9.3	9.20 (1²)	9.1	-2.30	6.90
6	9.9	9.85 (1°)	9.8	-2.37	7.18
7	8.3	8.30 (0°)	8.3	-2.05	6.25
8	〃	〃			
9	9.2	9.25 (0')	9.3	-2.32	6.93
10	〃	〃			
11					
12					
13					
14	9.9	〃		-2.36	7.54

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Scale m MC 9221 N.G.C. 7654 23 20 + 60.0 Alt. corr. +.11

	Sc.1		Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	4.3 4.1	4.40 1 1	4.5	3.50	7.90			7		
1a	4.9 4.7	4.90 0 0	4.9	3.30	8.20			7 ~~9.6~~		
2	3.9 3.7		B	3.71	7.61			9.6	-2.23	7.37
3	5.6 5.4	5.60 0 0	5.6	2.97	8.57					
3a	6.5 6.3	6.50 0 0	6.5	2.50	9.00					
3b	6.9 6.7	6.80 1 1	6.7	2.34	9.14					
4			7.7	1.93	9.63					
4a			7.8	1.89	9.69					
5			7.6	1.98	9.58					
6			8.6	1.59	10.19					
7			8.5	1.63	10.13					
8			8.5	1.63	10.13					
8a			9.2	1.46	10.66					
9			J.P.							
Var 518			8.5	1.63	10.13					

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Scale m MC 9221 (cont.) diff. images Alt. corr. +.11

	Sc.1 g	Sc.2	Sc.1 h	Sc2	Eu	Magn
1	9.9		J.P		-2.36	7,54
1a	9.9		J.P.		-2.36	7.54
2	9.8	9.75 01	9.7		-2.37	7,38
3	〃		〃			

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Scale m mc 9222 Pole

	Sc.1		Sc.2	Sc.1	P.C.	Sc.2
				5.9		
1	B			5.7	5.80 11	5.7
2	off plate					
3	" "					
4	B					7.6
5	B					8.6
	2.8					
6	2.6		B			9.3
	3.5					
7	3.6		B			9.7
	4.5					
8	4.3	4.55 10	4.6			7
	6.1					
9	5.9	6.10 00	6.1			
	6.1					
10	5.9	6.20 11	6.3			
			3			
11			7.5			
12			7.7			
13			8.5			
14			8.7			
15			9.3			
16			9.3			
17			9.6			
18			7			

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Scale m mC9222 (cont.) diff. images

	Sc.1 Sc.2 g	Sc.1 Sc.2 h
1	J.P.	JP
4	7.8p 7.80	7.8p
5	8.4 8.55	8.7
6	9.2 9.35	9.5
7	9.9 9.90	9.9
8	J	J

12.40

See page 2.

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Series MC 649

Scale m MC 10597 Pole

	Sc 1	Sc 2		10602 P 22		Sc 1 P.C.	Sc 2		
5						4.7 4.5 4.80 11	4.9	4.75 4.78 02 03	1.71
6						5.3 5.1 5.40 11	5.5	5.65 5.52 12 13	1.59
8						7.0 6.8 7.05 01	7.1	6.95 7.00 05 05	1.23
9							7.8	7.8 7.80 00	1.03
10	2.8 2.6			3.3 3.05 23	5.97		7.9	7.9 7.90 00	1.12
11	3.6 3.4			3.8 3.70 11	5.85		8.5	8.7 8.60 11	0.95
12	3.7 3.5		B	4.20 3.95 25 25	5.91		9.2	8.8 9.00 22	0.86
13	4.7 4.5	4.70 00	4.7	4.95 4.82 13 13	5.48		9.4	9.4 9.40 00	0.90
14	5.3 5.1	5.35 10	5.4	5.60 5.48 13 12	5.17		9.7	9.5 9.60 11	1.05
15	5.6 5.4	5.55 01	5.5	5.75 5.65 10 10	5.43		9.9	9.8 9.85 10	1.23
16	5.7 5.5	5.70 00	5.7	6.45 6.08 38 37	5.32		17	9.9 a.	1.50
17	6.5 6.3	6.40 11	6.3	6.60 6.50 10 10	5.13				
18	6.9 6.7	6.85 10	6.8	7.3 7.08 23 22	4.98				
19			7.3	7.6 7.45 12	4.97				
20			7.5	7.8 7.65 12	5.08				
23			8.3	8.4 8.35 10	4.99				
25			8.7	8.7 8.70 00	5.17				
26			9.3	9.1 9.20 11	5.13				
27			9.5	9.3 9.40 11	5.29				
28			9.9	9.7 9.80 11	5.31				

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Scalem mc 10597 (cont.) diff. images

	Sc 1	Sc 2	Sc 1	Sc 2			
	g		h				
5	4.2	4.25	3.9		4.40	4.32	2,17
6	4.7	5.00	4.9		5.25	5.12	1.99
8	6.6	6.85	6.7		6.70	6.78	1,45
9	6.9	7.10	6.9		7,50	7.30	1,53
10	7.7	7.65	7.6		7.70	7.68	1,34
11	8.1	8.25	8.4		8,40	8.32	1,23
12	8.5	8.55	8.6		8,45	8.50	1,36
13	8.8	8.80	8.8		8,80	8.80	1,50
14	9.2	9.15	9.1		9,30	9.22	1,43
15	9.3	9.30	9.3		9.45	9.38	1,70
16	9.8	9.80	9.8		9.75	9.78	1.62
17	9.9	9.90	9.9		9.9	9.90	1.73
18	9.9	9.90	9.9		.	.	2,16
19	7		7				

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	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
a	3.5 3.3		5.92	9,42			7.7	1.05	8.75
b	4.0 3.8		5.77	9,77			8.9	0.88	9,78
c	4.3 4.1		5.47	9,47			9.1	0.88	9,98
d	5.0 4.8		5,48	10,48			9.4	0.97	10.37
e	4.7 4.5		5.55	10,25			9.1	0.88	9,98
f	5.5 5.3		5.33	10,83			9.7	1.14	10,84
g	5.6 5.4		5.30	10,90			MJ		
h	6.5 6.3		5,14	11,64					
k	6.6 6.4		5,12	11,72					
l	6.9 6.7		5,08	11,98					
m		7.3	5,03	12,33					
n		7.8	5.02	12,82					
o		8.4	5.06	13,26					
p		8.2	5.06	13,26					
q		8.6	5,11	13,71					
r		8.7	5.13	13.83					

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Scale m MC 10598 (cont.) diff. images alt. corr. +.18

	Sc 1 Sc 2 g	Sc 1 Sc 2 h	Cu	magn
a	7.3 7.45 (12) 7.6		1.39	8.84
b	8.3 8.50 (3) 8.7		1.39	9.89
c	8.5 8.60 (1) 8.7		1.40	10.00
d	9.3 9.20 (11) 9.1		1.52	10.72
e	8.5 8.55 (1) 8.6		1.40	9.95
f	9.3 9.30 (0) 9.3		1.56	10.86
g	9.2 J. P.		1.53	10.73
h	9.8 9.80 (0) 9.8		1.88	11.68
k	J	J		

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Scale m | MC 10599 | 103K | 11 49 50 | ± 0.0 | Alt. corr. +.04

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	2.7 2.5		6.09	8.79	~~6.9~~ p		7.5p	1.10	8.60
2	2.9 2.7		6.04	8.94			8.3 p	0.92	9.22
3	4.0 3.8	4.15 3 1	4.3 5.70	9.85			9.3 p	0.91	10.21
4	4.7 4.5	4.75 1 0	4.8 5.53	10.28			9.8p	1.22	11.02
5	5.5 5.3	5.50 0 0	5.5 5.33	10.83			9.9 p	1.35	11.25
6	6.6 6.4	6.55 0 1	6.5 5.12	11.67			J		
7	6.9 6.7	6.85 1 0	6.8 5.08	11.93					
8			7.5 5.12	12.52					
9			7.9 5.03	12.93					
10			8.5 5.10	13.60					
11			8.7 5.13	13.83					
12			9.2 5.22	14.42					
13			9.5 5.27	14.77					
14			9.8 5.34	15.14					

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scale m MC 10599 (cont.) diff images Alt. corr. +.04

	Sc 1	Sc. 2	Sc. 1 Sc 2	Cu	magn
	g		h		
1	6.5	6.80 (6.72, 11)	6.7 (6.9)	1.49	8,29
2	7.7	7.65 (10)	7.6	1.37	9,02
3	8.6	8.70 (11)	8.8	1.41	10,11
4	9.3	J. P.		1.55	10,85
5	9.4	9.35 (05)	9.3	1.58	10,93
6	9.9	9.90 (00)	9.9	2.00	11,90
7	7		7		

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3 cole m MC 10600 128 K 12 14 −15.2 Alt. corr. −.20

	Sc.1		Sc.2	Cu	magn	Sc.1 P.C.	Sc.2	Cu	magn
1	B						7.5p	1.10	8.60
2	B						T.P.		
3	2.5 (2.7)			6.09	8.79		8.6p	0.89	9.49
4	3.1 (3.3)			5.96	9.26		9.2p	0.89	10.09
5	3.8 (4.0)	4.05	01 4.1	5.75	9.80		T.P.		
6	4.3 (4.5)	4.60	11 4.7	5.58	10.18		9.8p.	1.22	11.02
7	4.8 (5.0)	5.15	21 5.3	5.43	10.58		T		
8	5.1 (5.3)	5.35	10 5.4	5.37	10.72				
9	5.6 (5.8)	5.75	01 5.7	5.27	11.02				
10	~~6.5~~ (6.7)		T.P.	5.17	11.47				
11			7.3	5.03	12.33				
12			7.7	5.02	12.72				
13			8.3	5.07	13.37				
14			T.P.						
15			8.5	5.10	13.60				

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Wednesday, April 12, 1916

Scale m mc 10600 (cont.) diff. images Alt. cor. −.20

	Sc 1	Sc 2	Sc 1 − Sc 2	Cu	Magn
	g		h		
1	6.7 (6.9)	6.80 (11)	6.5 (6.7)	1.49	8.29
2	6.9 (7.1)	7.05 (10)	6.8p (7.0)	1.44	8.49
3	7.8p	7.80 (00)	7.8p	1.37	9.17
4	8.7p	8.75 (10)	8.8p	1.42	10.17
5	8.7p	8.80 (11)	8.9p	1.43	10.23
6	JP		9.7p	1.79	11.49
7	9.6p	9.65 (01)	9.7p	1.74	11.39
8	9.8	9.85 (11)	9.9p	1.90	11.75
9	9.9		J	2.00	11.90
10	J.P		J		

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Wednesday, April 12, 1916

Scale m mc 10602 Pole

	Sc.1		Sc.2
5			
6			
8			
9			
10	3.1 (3.3)		
11	3.6 (3.8)		B
12	3.9 (4.1)	4.20 1 1	4.3
13	4.6 (4.8)	4.95 3 1	5.1
14	5.4 (5.6)	5.60 0 0	5.6
15	5.6 (5.8)	5.75 0 1	5.7
16	6.4 (6.6)	6.45 2 1	6.3
17	6.5 (6.7)	6.60 1 1	6.5
18			7.3
19			7.6p
20			7.8
23			8.4
25			8.7
26			9.1
27			9.3
28			9.7
29			J

Sc.1	P.C.	Sc.2
4.6		
4.1	4.75 3 1	4.9
5.7		
5.5	5.65 1 0	5.6
7.0		
6.8	6.95 0 1	6.9
		7.8p
		7.9p
	8.7p	~~8.9p~~
		8.8p
		9.4p
		9.5p
		9.8p
		9.9p
		J

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Wednesday, April 12, 1916

Scale m MC 10602 (cont.) diff. images

	Sc.1	Sc.2	Sc.1 Sc.2
		g	h
5	4.3 4.1	4.40 11	4.5 4.3
6	5.1 5.9	5.25 12	5.4 5.2
8	6.7	6.70 22	6.5p
9	7.5	7.50 00	7.5
10	7.7	7.70 00	7.7
11	8.3	8.40 11	8.5
12	8.4	8.45 01	8.5
13	8.8	8.80 00	8.8
14	9.3	9.30 00	9.3
15	9.5	9.45 10	9.4
16	9.7	9.75 10	9.8p
17	干		9.9
18	干		干

10.10

See page 14.

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1916phae.proj.1022L

Friday, April 14, 1916

Shut no 307.

2.05

Series MC 638

Scale m

MC 10468 Pole

	Sc.1		Sc.2	10473 p34		Sc.1	P.C		Sc.2		
						6.6					
5						6.4	6.50 (11)		6.4	5.95 6.22 (28 27)	0.27
6						6.9					
						6.7	6.80 (11)		6.7	6.65 6.72 (05 07)	0.39
8									8.5	8.4 8.45 (10)	−0.28
9									9.5	9.1 9.30 (22)	−0.47
	3.9										
10	3.7			4.85 4.38 (45 47)	4.64				9.4	9.3 9.35 (01)	−0.33
	4.9										
11	4.7	4.80 (11)	4.7	5.20 5.00 (20 20)	4.55				9.8	9.6 9.70 (12)	−0.15
	5.3										
12	5.1	5.40 (11)	5.5	5.60 5.50 (10 10)	4.36				Ty	9.9 a.	−0.04
	5.9										
13	5.7	5.80 (11)	5.7	6.35 6.08 (38 27)	4.22						
	6.7										
14	6.5	6.65 (10)	6.6	6.70 6.68 (03 02)	3.97						
	6.9										
15	6.7	6.80 (11)	6.7	6.95 6.88 (05 07)	4.20						
16			7.5	7.4 7.45 (10)	3.95						
17			7.7	7.5 7.60 (11)	4.03						
18			8.4	8.3 8.35 (01)	3.71						
19			8.7	8.5 8.60 (11)	3.82						
20			8.9	8.6 8.75 (13)	3.98						
23			9.4	9.3 9.35 (01)	3.99						
25			9.7	9.6 9.65 (10)	4.22						
26			Ty	9.9 a.	4.43						
27				9.9 a.	4.79						

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Friday, April 14, 1916

Scale m mc 10468 (cont.) diff. images

	Sc 1 Sc 2	Sc 1 Sc 2			
	g	h			
5	5.7 5.5	5.75 10 5.8 5.6	5.60	5.68 07 05	0.81
6	6.5 6.3	6.40 11 6.3 6.1	6.70	6.55 15 15	0.56
8	7.6	7.65 01 7.7	7.75	7.70 05 05	0.53
9	8.6	8.60 00 8.6	8.50	8.55 05 05	0.28
10	8.8	8.75 01 8.7	8.70	8.72 03 02	0.30
11	9.3	9.30 00 9.3	9.10	9.20 10 10	0.35
12	9.6	9.65 01 9.7	9.40	9.52 13 12	0.34
13	9.9	9.90 00 9.9	9.65	9.78 12 13	0.52
14	7	7	9.85	a	0.80
			9.9	a	1.18

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1916phae.proj.1022L

Friday, April 14, 1916

Scale m MC 10469 DM 14 59 50 +50.0 Alt. cor. +.22

	Sc.1		Sc.2	Cu	magn	Sc.1	PC.	Sc.2	Cu	magn
	2.9									
1	2.7							8.3	-6.19	8.11
	3.6									
1a	3.4							8.9	-0.71	8.59
	4.0									
2	3.8	4.15	4.3	4.68	8.83			9.8	-0.11	9.69
	5.1									
3	4.9	5.20	5.3	4.43	9.63					
	5.8									
4	5.6	5.75	5.7	4.30	10.05					
	6.1									
5	5.9	5.90	5.7	4.26	10.16					
	6.0									
6	5.8	5.95	5.9	4.25	10.20					
	7.0									
7	6.8	6.85	6.7	4.07	10.92					
	6.8									
8	6.6	6.70	6.6	4.10	10.80					
9			7.6	3.96	11.56					
10			7.4	3.99	11.39					
11			8.3	3.88	12.18					
12			8.4	3.88	12.28					
13			8.7	3.88	12.58					
14			8.7	3.88	12.58					
15			8.8	3.89	12.69					
16			9.3	4.00	13.30					
17			9.6	4.13	13.73					
18			9.7	4.24	13.94					
19			9.7	4.24	13.94					
20										

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1916phae.proj.1022L

Friday, April. 14, 1916

Scale m MC 10469 (cont.) diff. images Alt. corr. +.22

	Sc.1 Sc.2 g	Sc.1 Sc.2 m	Cu	magn
1	7.7	7.65	7.6	0.45	8.10
1a	8.6	8.60	8.6	0.30	8.90
2	9.1	9.10	9.1	0.30	9.40
3	9.6	9.60	9.6	0.48	10.08
4	9.9	9.90	9.9	0.80	10.70
5	7	7			

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Friday, April 14, 1916

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Ser 638

Cand.

Scale m mC 10470 107 K 15 33 30 ± 0.0 Alt. corr. +.06

	sc.1	sc.2	Cu	magn	sc.1	P.C.	sc.2	Cu	magn
					6.5				
1	B				6.3	6.40 1 1	6.3	0.34	6.74
2	B						7.7	-0.01	7.69
3	3.5 3.3						9.2	-0.33	8.87
4	3.9 3.7		4.74	8.64			9.5	-0.27	9.23
5	d						~~9.9~~ 7.7		
6	5.5 5.3	5.50 0 0	5.5	4.36	9.86		F		
7	5.9 5.7	6.10 3 2	6.3	4.23	10.33				
8	6.6 6.4	6.55 0 1	6.5	4.13	10.68				
9	7.0 6.8	6.90 1 1	6.8	4.07	10.97				
10	6.9 6.7	6.80 1 1	6.7	4.05	10.88				
11			7.6	3.96	11.56				
12			8.4	3.88	12.28				
13			8.5	3.87	12.37				
14			8.9	3.90	12.80				
15			9.7	4.24	13.94				
16			9.9	4.40	14.30				
17			F						

Remeas. by C. May 22, 1916.

14 8.6

15 9.4 9.5

16 9.8

Mars 15 and 16. Magnitudes discordant with other plates. Curve turns up sharply, but measures seem to be good. Retain.

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1916phae.proj.1022L

Friday, April 14, 1916

Scale m MC 10476 (cont.) diff. images Calc. corr. +.06

	Sc.1 Sc.2	Sc.1 Sc.2	Cu	Magn
	g	h		
#1	5.8 5.6	5.75 .01	5.7 5.5	0.78	6.53
2	7.0 6.8	6.95 .01	6.9 6.7	0.55	7.50
3	8.4	8.35 .01	8.3	0.33	8.68
4	9.1	9.10 .00	9.1	0.31	9.41
5	d		d.		
6	9.9	9.90 .00	9.9	0.80	10.70
7	J		J		

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1916phae.proj.1022L

Friday April 14, 1916

Sor 638

Copied B9:154

Cand

Scale m MC 10471 J W Drac. 15 40 00 +62.5 Var. seq. +.20 Alt. coor.

	Sc.1	Sc.2	Ln	Magn	Sc.1	P.C.	Sc.2	Ln	Magn
a					5.7 5.5	5.70 00	5.7	~~0.2~~	
b					6.3 6.1	6.20 11	6.1	0.36	6.56
c	off plate								
d	B				6.9 6.7	7.00 11	7.1	0.22	7.22
e	B						8.1	-0.13	7.97
f	off plate								
g	3.8 3.6						9.1	-0.33	8.77
h	3.8 3.6						9.4	-0.30	9.10
k	4.1 3.9	4.30 12	4.5	4.67	8.97		9.5	-0.27	9.23
l	5.0 4.8	4.95 01	4.9	4.52	9.47		9.9	-0.05	9.85
m	5.1 4.9	5.10 00	5.1	4.47	9.57		J		
n	5.5 5.3	5.45 10	5.4	4.37	9.82				
o	6.7 6.5	6.65 10	6.6	4.11	10.76				
p	7.0 6.8	7.05 01	7.1	4.04	11.09				
q			7.7	3.95	11.65				
r			8.4	3.88	12.28				
s			8.8	3.89	12.69				
t			9.8	4.32	14.12				
u			9.8	4.32	14.12				
w			J						
x			J						

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1916phae.proj.10221

Friday, April 14, 1916

Scale m MC 10471 (cont.) diff. images Alt. corr. + .20

	Sc 1 Sc 2	Sc 1 Sc 2	Cu	magn	
	g		h		
a	4.7 4.5	4.60	11	4.5 4.3	
b	4.7 4.5	4.65	10	4.6 4.4	
d	6.7 6.5	6.60	11	6.5 6.3	0,62 7,22
e	7.3	7.30	00	7.3	0.50 7,80
g	7.9	7.90	00	7.9	0,40 8,30
h	8.7	8.60	11	8.5	0.30 8,90
k	8.7	8.60	11	8.5	0.30 8,90
l	9.4	9.45	01	9.5	0.40 9,85
m	9.5	9.50	00	9.5	0.44 9,94
n	9.9	9.90	00	9.9	0,80 10,70
o	7			7	

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1916phae.proj.1022L

Friday, April 14, 1916

scale m MC 10471 JW Drac. DM Ref. eq. Alt. corr. +.20

	Sc.1		Sc.2	Cu	Magn	Sc.1 P.C	Sc.2	Cu	Magn
1	B						7.9	-0.07	7.83
2	3.9 3.7			4.74	8.64		9.5	-0.27	9.23
3	4.7 4.5	4.80 11	4.9	4.55	9.35		7		
4	5.8 5.6	5.60 22	5.4	4.33	9.93				
5	5.8 5.6	5.65 21	5.5	4.31	9.96				
6	6.7 6.5	6.70 00	6.7	4.10	10.80				
7	6.9 6.7	6.80 12	6.7	4.08	10.88				
8			7.4	3.99	11.39				
9			7.9	3.93	11.83				
10			8.1	3.90	12.00				
11			8.4	3.88	12.28				
12			8.7	3.88	13.58				
13			9.3	4.00	13.30				
14			9.5	4.08	13.58				
15			9.8	4.32	14.12				
16			9.8	4.32	14.12				
17			7						

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1916phae.proj.1022L

Friday, April 14, 1916

Scale m MC 10471 (cont.) diff. images Alt. corr. +.20

	Sc.1	Sc.2	Sc.1 − Sc.2	Qu	Magn
	g	h			
1	7.4	7.45	7.5	0.48	7.93
2	8.8	8.80	8.8	0.28	9.08
3	9.8	9.80	9.8	0.63	10.43
4	9.9	9.90	9.9	0.80	10.76

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1916phae.proj.1022L

Friday, April 14, 1916

Scale m mc 10473 Pole 15 58 +90.0

	Sc.1		Sc.2
5			
6			
8			
9			
10	4.8 4.6	4.85 01	4.9
11	5.1 4.9	5.20 11	5.3
12	5.7 5.5	5.60 11	5.5
13	6.3 6.1	6.35 10	6.4
14	6.8 6.6	6.70 11	6.6
15	7.0 6.8	6.95 01	6.9
16			7.4
17			7.5
18			8.3
19			8.5
20			8.6
23			9.3
25			9.6
26			9.9
27			9.9

Sc.1	P.C.	Sc.2
6.0 5.8	5.95 01	5.9
6.6 6.4	6.65 01	6.7
		8.4
		9.1
		9.3
		9.6
		9.9
		J

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Friday, April 14, 1916

Scale m MC 10473 (cont.) diff. images

	Sc1	Sc2	Sc1Sc2
	a		h
5	5.3	5.60	5.5
6	6.5	6.70	6.5
8	7.6	7.75	7.9
9	8.5	8.50	8.5
10	8.6	8.70	8.8
11	9.1	9.10	9.1
12	9.3	9.40	9.5
13	9.5	9.65	9.8
14	9.8	9.85	9.9
15	9.9		F

3.45

See page 24.

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YELLOW

Friday, April 21, 1916

Shut no 3 08.

11.15

Series MC 623

Scale m

	MC 10247 Sc.1	MC 10247 Sc.2	~~MC 623~~ 10252 P 48	Pole Sc.1	P.C.	Sc.2	
1	off plate						
2	off plate						
3	off plate						
4	B					7.3 7.3 7.30 00	−1.44
5	B					7.5 7.9 7.70 22	−1.27 ~~0.73~~
6	B					8.4 8.9 8.55 21	−1.57
7	J.P.					8.8 9.1 8.95 21	−1.49
8	4.0 3.8		4.0 4.00 00		4.03	9.8 9.8 9.80 00	−1.77
9	5.3 5.1		5.6 5.45 12		3.29	7	
10	5.8 5.6		5.8 5.80 00		3.08		
11	6.7 6.5	6.70 00	6.7 6.55 6.58 02 07		2.78		
12	6.8 6.6	6.80 00	6.8 6.90 6.85 05 05		2.73		
13			7.5 7.6 7.55 10		2.53		
14			7.7 8.3 8.00 33		2.24		
15			8.4 8.6 8.50 11		2.14		
16			8.7 9.1 8.90 22		2.04		
17			8.9 9.3 9.10 22		1.94		
18		9.55 01 9.6 9.5	9.55 9.55 0.000		2.01		
19		9.90 00 9.9 9.9	9.90 9.90 0.000		2.04		

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YELLOW

Friday, April 21, 1916

Scale m mc 10247 cont. diff images

	Sc.1 g	Sc.2 g	Sc.1 h	Sc.2 h		
4	JP		JP.			
5	7.5	7.55 (1°)	7.6	7.45	7.50 (05 05)	−1.07
6	8.4	8.35 (01)	8.3	8.65	8.50 (15 15)	−1.52
7	8.9	8.90 (00)	8.9	9.25	9.08 (15 17)	−1.62
8	9.4	9.45 (01)	9.5	9.60	9.52 (07 05)	−1.49
9	7		7			

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38

YELLOW

Friday. April 21, 1916

Rapid B 21:46

Card

Scale m | MC 10248 | W Leavis | $10^h 50^m$ +12.5 | Alt corr. +.09 Var sec.

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
a	3.8 3.6		4.09	7,89			9.4	-1.63	7,71
b	5.1 4.9		3.50	8,60			9.7	-1.67	8.03
b'	3.7 3.5		4.13e	7,83e			9.3	-1.62	7,68
b^2	4.7 4.5		3,68	8.38			9.9	-1.69	8,21
b^3	5.3 5.1	5.40 ±1	5.5	3.35	8,75				
c	6.5 6.3	6.55 ±0	6.6	2.82	9,37				
d			8.3	2.17	10.47				
e			7.4	2.50	9.90				
f			7.7	2.40	10,10				
g			8.3	2.17	10,47				
h			7.9	2.33	10.23				
k			8.3	2,17	10,47				
l			9.1	2.01	11,11				
m			8.5	2,13	10,63				
m'			8.7	2.07	10,77				
m^2			9.5	2.00	11,50				
m^3			9.5	2.00	11,50				
n			9.9	2.03	11,93				
o		9.75 ±0 9.7 9.8		2.01	11.76				
p		9.90 0 0 9.9 9.9		2.03	11,93				
q									

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1916phae.proj.1022L

YELLOW

Friday, April 21, 1916

Scale m MC 10248 Alt corr. +.09

	Sc.1	Sc.2	Sc.1	Sc.2	Qu	Magn
	g		h			
a	8.9	9.00	11	9.1	-1.56	7.44
b	9.5	9.80	11	9.9		
b^1	8.8	8.85	01	8.9	-1.53	7.32
b^2	9.5	9.65	12	9.8	-1.50	8.15
b^3	7			7		

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1916phae.proj.1022L

40

YELLOW

Friday April 21, 1916

Scale m MC 10248 (cont.) Alt corr. +.09

	Sc.1	Sc.2	Cu	magn	Sc.1 P.C.	DM. Ref. seq. Sc.2	Cu	magn
1	B					7.9	-1.35	6.55
2	3.3 3.1					9.2	-1.60	7.60
2a	4.7 4.5		3.69	8.39		9.7	-1.67	8.03
3	5.7 5.5		3.20	8.90		〃		
4	6.3 6.1		2.93	9.23		〃		
4a	6.5 6.3	4.50°° 6.5	2.84	9.34				
4b	7.1 6.9	7.10°° 7.1	2.60	9.70				
4c		7.9	2.33	10.23				
5		8.3	2.18	10.48				
6		8.8	2.06	10.56				
7		8.95 1± 9.1 8.8	2.03	10.98				
7a		9.50°° 9.5 9.5	2.00	11.50				
8		〃						

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1916phae.proj.1022L

YELLOW

Scale m MC 10248 (cont.) diff. images Alt. corr. +.09

	Sc.1 Sc.2 g	Sc.1 Sc.2 h	Cu Magn	
1a	7.6	7.55 0.1 7.5	-1.13	6.42
2	8.6	8.65 0.1 8.7	-1.52	7.13
2a	9.3	9.30 0.0 9.3	-1.54	7.76
3	7	7		

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42

YELLOW

Friday April 21, 1916

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Cards.

Scale m MC 10249 D 6 11h 2m -15.0 Alt. corr. -.10

	Sc.1	Sc.2	Ch	Magn	Sc.	P.C.	Sc2	Ch	Magn
1	B						7.6	-1.28	6,32
2	B						8.4	-1.46	6,94
3	B						7.8	-1.33	6.47
4	B						7.3	-1.19	6.11
5	~~B~~ 3.5 (3.7)		4.13	7,83			9.8	-1.68	8,12
6	3.6 (3.8)		4.09	7,89			9.3	-1.62	7.68
7	3.5 (3.7)		4.13	7,83			9.3	-1.62	768
8	3.3 (3.5)		4.19	7,69			9.4	-1.63	7,77
9	4.1 (4.3)		3,90	8,20			9.8	-1.68	8,12
10	5.1 (5.3)		3.40	8,70			J		
11	4.9 (5.1)		3.50	8,60			9.9	-1.69	8,21
12	4.3 (4.5)		3.80	8,30			9.8	-1.68	8,12
13	5.8 (6.0)		3.06	9,06			J		
14	4.7 (4.9)		3,61	8,51					
15	3.7 (3.9)		4.05	7,95					
16	6.4 (6.6)	6.45 21	6.3	2.86	9,31				
17	6.1 (6.3)	6.30 00	6.3	2.92	9,22				
18			7.5	2,44	9,94				
19			7.8	2,36	10,16				
20			7.6	2,43	10,03				
21			8.4	2,15	10,55				
22			9.1	2,01	11,11				
23			9.1	2,01	11,11				
24			8.5	2,13	10,63				
25			9.4	2,00	11,40				
26			9.6	2,00	11,60				
27		8.8 85 01	8.9	2,04	11,09				
28		9.9 90 00	9.9	2,03	11,93				

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Friday, April 21, 1916

YELLOW

Scale m mc 10249 (cont.) diff. images Alt cor −.10

	Sc.1 g	Sc.2 h	Sc.1−Sc.2	Cu	Magn
1	7.5	7.55 (1°)	7.6	−1.13	6,42
2	8.2	8.25 (01)	8.3	−1.43	6.82
3	7.5	7.50 (00)	7.5	−1.10	6,40
4	6.4	6.45 (01)	6.5		
5	9.4	9.45 (01)	9.5	−1.53	7,92
6	9.3	9.20 (11)	9.1	−1.56	7,64
7	9.1	9.20 (11)	9.3	−1.56	7.64
8	8.9	8.85 (10)	8.8	−1.53	7,32
9	9.5	9.65 (12)	9.8	−1.50	8,15
10	9.9	9.90 (00)	9.9		
11	〃	〃			
12	〃				
13					

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Scale m | mC 10250 | C6 | 11 0 +15.0 | Alt. corr. +.10

	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
1	B						8.5	-1.49	7.01
2	off plate								
3							9.1	-1.59	7.51
4	B						9.1	-1.59	7.51
5	J.P.						9.3	-1.62	7.68
6	3.9 3.7		4.05	7.95			9.7	-1.67	8.03
7	5.1 4.9		3.50	8.60			J.P.		
8	3.6 3.4		4.15	9.75			9.5	-1.64	7.86
9	3.6 3.4		4.15	7.74			9.5	-1.64	7.86
10	3.0 2.8						9.1	-1.59	7.51
11	6.0 5.8		3.06	9.06			J		
12	4.3 4.1		3.90	8.20			9.9	-1.69	8.21
13	5.6 5.4		3.25	8.85					
14	6.8 6.6	6.75 01	6.7	2.73	9.48				
15	5.7 5.5	5.60 11	5.5	3.25	8.85				
16			8.1	2.24	10.34				
17			8.3	2.18	10.48				
18			8.7	2.07	10.77				
19			8.3	2.18	10.48				
20			8.7	2.07	10.77				
21			8.7	2.07	10.77				
22			9.5	2.00	11.50				
23		9.7 9.60 11	9.5	2.00	11.60				
24		9.6 9.55 01	9.5	2.00	11.55				
25			J						
10a	5.6 5.4		B	3.25	8.85				
14a			7.3	2.53	9.83				

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Scale m MC 10250 (cont.) diff. images alt. cor. +.10

	Sc.1 g	Sc.2	Sc.1 − Sc.2	Cu	Magn
1	8.3	8.40 (1')	8.5	−1.46	6.94
3	8.8	8.85 (0')	8.9	−1.55	7.30
4	8.7	8.65 (1.0)	8.6	−1.52	7.13
5	9.1	9.20 (1')	9.3	−1.55	7.65
6	9.4	9.45 (0')	9.5	−1.53	7.92
7	↓	↓			
8	9.3	9.35 (1°)	9.4	−1.54	7.81
9	9.3	9.40 (1')	9.5	−1.54	7.86
10	8.9	8.85 (1.0)	8.8	−1.53	7.32
11	↓	↓			
12	9.9	9.90 (0.0)	9.9		

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Scale m mc 10251 ~~0 Leonis +4m~~ 79K 11h 20 +15 Ast. err. +.10

	Sc.1	Sc.2	Au	Magn	Sc.1	P.C.	Sc.2	Au	Magn
2	B						8.3	-1.44	6.86
1	4.5 (4.7)		3.69	7.89			9.8	-1.68	8.12
1a	5.4 (5.6)		3.25	8.85			9.9	-1.69	8.21
2	4.3 (4.5)		3.80	8.36			7		
3	6.3 (6.5)		2.84	9.34					
4	6.7 (6.9)	6.80 11 6.7	2.71	9.51					
4a	6.9 (7.1)	7.10 00 7.1	2.60	9.70					
5		8.6	2.10	10.70					
5a		8.7	2.07	10.77					
5b		8.8	2.06	10.86					
6		8.4	2.15	10.55					
7		9.3	2.00	11.30					
8		9.5 (9.45 10) 9.4	2.00	11.40					
9		9.9 (9.90 00) 9.9	2.03	11.93					
10		7							
11		7 ~~9.9~~							

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Friday. April 21, 1916

YELLOW

Scale m MC10251 (cont.) diff. images Alt corr. +.10

	Sc.1	Sc.2	Sc1Sc2	Ai	magn
	Pl.#	g	h		
2	7.7	7.60	11 7.5	-1.15	6.45
1	9.8	9.85	01 9.9		
1a	7		7		
2	9.9	9.90	00 9.9		

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Friday, April 21, 1916

Scale m MC 10252 Pole.

	Sc.1	Sc.2	Sc.1 P.C.	Sc.2
1	off plate			
2	" "			
3	" "			
4	B			7.3
5	B			7.9
6	B			8.7
7	J.P.			9.1
8	4.0 3.8			9.8
9	5.6 5.4			
10	5.8 5.6			
11	6.7 6.5	6.55 (12)		6.4
12	6.9 6.7	6.90 (10)		6.9
13				7.6
14				8.3
15				8.6
16				9.8
17				9.3
18		9.55 9.5 (10)		9.6
19		9.90 9.9		9.9

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YELLOW

Scale m MC 10252 (cont.) diff. images

	Sc 1 Sc 2 g	Sc 1 Sc 2 h
4	JP	JP
5	7.4 7.45 (01)	7.5
6	8.7 8.65 (10)	8.6
7	9.1 9.25 (1 2)	9.4
8	9.6 9.60 (00)	9.6

1.30

See page 36.

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1916phae.proj.10224

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Saturday, April 22, 1916

11.05

Shutter no 308.

Series MC 623

Scale m MC 10252 Pole

	Sc.1	Sc.2			Sc.1	P.C.	Sc.2	
4	B						7.3	−1.44
5	B						7.9	−1.47
6	B						8.8	−1.82
7	D.P.						9.1	−1.64
8	3.9 3.7			4.13			9.8	−1.77
9	5.5 5.3			3.24				
10	5.7 5.5			3.18				
11	6.7 6.5	6.60 11	6.5	2.76				
12	6.8 6.6	6.75 01	6.7	2.83				
13			7.5	2.58				
14			7.9	2.14				
15			8.5	2.14				
16			8.8	2.14				
17			9.1	1.94				
18		9.65 10 9.7	9.6	1.91				
19		9.85 01 9.8	9.9	2.09				

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Saturday, April 22, 1916

Scale m MC 10252 (cont.) diff. images

	Sc.1 Sc.2 g	Sc.1 Sc.2 h	
4	J.P.	JP	
5	7.6	7.60 00 7.6	-1.17
6	8.5	8.60 11 8.7	-1.62
7	9.1	9.20 11 9.3	-1.74
8	9.6	9.60 00 9.6	-1.51
9	J	J	

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Ser. 623

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Scale m mC10253 S 4 Draconis 11 40 +67.5 Alt. corr. +.10

	Sc.1		Sc.2	Rr	Magn	Sc.1	P.C.	Sc.2
a	5.6 5.4			3.25	8.85			
a'	5.6 5.4			3.25	8.85			
b*	6.3 6.1	6.30°°	6.3	2.95	9.25			
c**	6.9 6.7	6.80 1.1	6.7	2.76	9.56			
d	7.1		7.7	2.43	10.13			
e	7.1		7.6	2.45	10.05			
f			7.8	2.38	10.18			
g			8.7	2.10	10.80			
h			9.1	2.03	11.13			
k			9.6	2.00	11.60			
l		8.90°°	8.9	2.06	10.96			
m	9.8	9.80°°	9.8	2.00	11.80			

* 8.9

** 87.5

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Card.

Scale mm MC 10254 B 5 12 0 +45.0 Alt. corr. +.12

	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
1	B						8.3	-1.59	6.71
2	B						9.3	-1.72	7.58
3	3.9 3.7		4.13	8,03			9.7	-1.74	7.96
4	4.7 4.5		3.72	8,42			9.9	-1.74	8,16
5	4.7 4.5		3.72	8,42			9.9	-1.74	8,16
6	3.9 3.7		4.13	8,03			9.8	-1.74	8,06
7	6.1 5.9		3.04	9,14			7		
8	4.5 4.3		3.84	8,34					
9	5.6 5.4		3.25	8,85					
10	6.9 6.7	6.80 11 6.7	2.76	9,56					
10a		7.3	2.56	9,86					
11	5.0 4,8	5.25 33 5.5	3.43	8,68					
12		7.5	2,48	9.98					
13		7.9	2,34	10,24					
14		8.5	2,15	10,65					
14a		8.6	2.12	10,72					
15		8.1	2,27	10,37					
16		8.4	2,18	10,58					
17a		D.P.							
18		9.3	2,01	11,31					
19		9.6 9.65 01 9.7	2.00	11,65					
20		9.8 9.80 9.8	2.00	11,80					

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Scale m MC 10254 (cont) diff. images Alt. corr. +.12

	Sc.1 g	Sc.2 g	Sc.1 h	Sc.2 h	Cu	Magn
1	7.7	7.65	10	7.6	-1.19	6.46
2	8.7	8.70	00	8.7	-1.63	7.07
3	9.7	9.75	10	9.8	-1.58	8.17
4	7					
5	7					
6	9.6	9.60	00	9.6	-1.61	7.99
7						

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Cond

Scalem MC 10256 η Virginis +4m 12 20 +0.0 Alt. corr. +.04

	Sc.1	Sc 2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
7:a		8.4	2.18	10,58					
b		8.8	2.08	10,88					
c		9.5	2.00	11,50					
d		7							
e									
f									
1	3.3 3.1						9.6	-1.74	7,86
2	3.9 3.7		4.13	8,03			9.9	-1.74	8,16
3	5.9 5.7	6.10 2 2	6.3	3.04	9,14				
4	7.1 6.9	7.10 0 0	7.1	2.64	9,74				
5			7.7	2,43	10,13				
6			8.4	2.18	10,58				
8			9.1	2.03	11,13				
9			9.1	2.03	11,13				
10		9.5	9.5	2.00	11,50				
11		9.9	9.8	2.00	11,85				
12		7							

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. Saturday, April 22, 1916

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Scale m NC 10256 (cont.) diff. images Alt. corr. +.04

	Sc1Sc2 g	Sc1Sc2 h	Eu	magn
1	9.3	9.35 10	9.4	7.75	7.60
2	9.8	9.85 01	9.9	7.55	8.30

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Saturday, April 22, 1916

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Scale in MC 10257. DM 12 20 +15.0 Q.A. corr +.10

	Sc. 1	Sc. 2	Cu	Magn	Scatt	P.C.	Sc. 2	Cu	Magn
1	B						9.2	-1.71	7,49
2	3.9 (4.1)		4.04	8,14			9.9	-1.74	8,16
3	6.4 (6.6)		2.83	9,43					
4	6.4 (6.6)	6.55 .01	6.5	2.86	9,41				
4a	6.7 (6.9)	6.80 .1+	6.7	2.76	9,56				
7 ~~10~~			7.7	2,43	10.13				
5			7.8	2,38	10,18				
6			8.5	2,15	10,65				
2a ~~8~~	5.7 5.5			3.20	8,90				
8			8.9	2.07	10,97				
9			8.7	2.10	10,80				
10			9.3	2,01	11,31				
11		9.80 .00 9.8	9.8	2.00	11.80				
12		9.90 9.9	9.9	2.00	11,96				

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Saturday, April 22, 1916

Scale m MC 10257 (Cont.) diff. images Act corr. +.10

	Sc1 Sc2 g	Sc1 Sc2 h	Cu magn	
1	8.9	9.00 ±1	9.1	-1.76	7.24
2	9.7	9.50 ±1	9.9	-1.56	8.24

12.30

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Wednesday. April 26, 1916

Shutter No 309.

10.50

Scale m MC 9400 Pole Series MC 556

	Sc 1	Sc 2	9405 P 71		Sc.	P. C.	Sc 2		
1					5.5 (5.7)	5.65 10	5.6	a.	−1.21
2	off plate								
3	"								
4	~~3.6~~ B						7.7	8.1 7.90 22	−2.04
5	B						8.6	8.8 8.70 11	−2.27
6	B						7.7	9.5 a.	−2.52
7	3.6 (3.8) p.		3.9 3.85 01	3.61				9.9 a.	−2.44
8	4.4 (4.6)		4.7 4.65 01	3.38					
9	6.4 (6.6) 6.55 01	6.5	6.50 6.52 03 02	2.22					
10	6.5 (6.7) 6.65 10	6.6	6.55 6.60 05 05	2.28					
11		7.6	7.7 7.65 01	1.71					
12		J P.	7.9 a.	1.68					
13		8.5	8.7 8.60 11	1.45					
14		8.7	8.8 8.75 10	1.49					
15		9.5	9.4 9.45 10	1.19					
16		9.7	9.9 9.80 11	1.14					
17		9.9	9.8 9.85 10	1.19					

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Wednesday, April 26, 1916

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Scale m MC 9400 (cont.) diff. images

	Sc.1 g	Sc.2 g	Sc.1 h	Sc.2 h			
±							
1	J.P.		J.P.				
4	7.7p	7.75 ±0	7.8p	8.50	8.12 37 38		-2.26
5	8.8	8.85 01	8.9	8.80	8.82 03 02		-2.39
6	9.5	9.50 00	9.5	9.75	9.62 12 13		-2.64
7	9.9	9.90 00	9.9	9.90	9.90 000 0		-2.44

" " J.P.J

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Scale mv MC9401 C_{10} 1900 +15.0 Alt corr. .00

	Sc 1	Sc 2	Cu	Magn	Sc 1	P.C.	Sc 2	Cu	Magn
1							9.4	-2.43	6.97
2							9.7	-2.48	7.22
3	B						9.1	-2.38	6.72
4	4.0 3.8		3.55	7.55			9.9	-2.51	7.39
5	4.9 4.7		3.16	8.06					
6	J.P.								
7	3.6 3.4	B							
8		7.3	1.93	9.23					
9	6.5 6.3 6.40 "	6.3	2.38	8.78					
10		7.8	1.74	9.54					
11		8.3 ~~7.7~~	1.55	9.85					
12		9.4	1.25	10.65					
13		9.5	1.23	10.73					
14		9.7	1.18	10.88					
15		9.6	1.21	10.81					
16		J							
17									
18									
19									
20									

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Wednesday, April 26, 1916

YELLOW

Scale m mc 9401 (cont.) diff. images 2 hr exp. 00

	Sc.1 Sc.2 g	Sc.1 Sc.2 h	Cu	magn
1	9.6	9.55 01 9.5	-2.50	7.05
2	9.9	9.85 10 9.8	-2.55	7.30
3	9.3	9.30 00 9.3	-2.48	6.82
4	J	J		

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Wednesday, April 26, 1916

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Alt corr -.04

Scale m MC 9402 R Aquilae 19 .10 +7.5 Var. seq.

	Sc 1	Sc 2	Cu	magn	Sc 1 P.C.	Sc 2	Cu	magn
a	J.P.					8.8	-2.30	6.50
b	3.8 3.6		3.61	7.41				
b'	6.1 5.9 p.		2.54	8.64				
b²	4.6 4.4		3.33	7.93				
c	J.P.							
d	6.0 5.8		2.58	8.58				
d'	6.9 6.7		2.10	9.00				
e	6.8 6.6 6.85 01	6.9	2.13	8.98				
f		7.3	1.93	9.23				
g	7.1 6.9 7.20 1'	7.3	1.97	9.17				
h		7.6	1.81	9.41				
k		7.8	1.74	9.54				
l		8.3	1.55	9.85				
l'		8.5	1.50	10.00				
m		9.2	1.32	10.52				
n		9.2	1.32	10.52				
o		9.5	1.23	10.73				
p		J						

Images poor - elongated

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YELLOW

Scale m — MC 9402 - (cont.) — diff. mags — Alt corr. -.04

	Sc 1	Sc 2	Sc 1 − Sc 2	Cir	magn
	g		h		
a	8.7	8.70°	8.7	-2.38	6.32
b	9.9	9.90°	9.9	-2.55	7.35

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Wednesday, April 26, 1916

YELLOW

Scale m MC 9402 (cont.) Ref. seq. alt corr. −.04

	Sc.1	Sc.2	Lu	Magn	Sc.1	P.C.	Sc.2	Lu	Magn
1	B						9.7	−2.48	7.22
2	4.0 3.8		3.55	9.55			7		
3	5.7 5.5		2.75	8.45					
4	5.9 5.7		2.64	8.54					
5	6.8 6.6		2.15	8.95					
6	6.5 6.3		2.33	8.83					
7	5.5 5.3	5.50 00	5.5	2.85	8.35				
8	6.5 6.3	6.55 10	6.6	2.28	8.83				
8a			7.3	1.93	9.23				
9			7.6	1.81	9.41				
9a			8.4	1.53	9.93				
10			8.9	1.39	10.29				
11			8.7	1.44	10.14				
12			8.7	1.44	10.14				
13			9.3	1.27	10.57				
14			9.6	1.21	10.81				
15			9.8	1.16	10.96				

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Wednesday, April 26, 1916

YELLOW

Scale m MC 9402 (cont.) diff. images Alt. corr. −.04

	Sc 1	Sc 2	Sc 1 − Sc 2 g	Sc 1 − Sc 2 h	Cu Magn	
1	9.6	9.55	01	9.5	-2.50	7.05
2	〃			〃		

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Scale m MC 9403 B 8 20 00 +45.0 Alt. corr +.10

	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
	~~3.7~~	~~3.7~~							
1	3.5						9.7	-2.45	7.25
2	4.0 3.8		3.55	7.55			7		
3	3.8 3.6		3.61	7.41			9.7	-2.48	7.22
4	4.9 4.7		3.16	8.06					
5	5.3 5.1		2.95	8.25					
6	4.5 4.3		3.36	7.86					
7	6.0 5.8		2.58	8.58					
8	6.5 6.3		2.33	8.83					
9	5.8 5.6	5.95 (3) 11	6.1	2.60	8.55				
10	6.7 6.5	6.60 11	6.5	2.25	8.85				
11		7.6		1.81	9.41				
12		8.3		1.55	9.85				
13		8.1		1.64	9.74				
14		8.2		1.59	9.79				
15		8.3		1.55	9.85				
16		8.3		1.55	9.85				
17		9.4		1.25	10.65				
18		9.1		1.33	10.43				
19		8.7		1.44	10.14				
20		9.1		1.33	10.43				
21		7							

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Wednesday, April 26, 1916

YELLOW

Scale m . mc 9403 (cont.) diff. images Act corr. +.10

	Sc 1 Sc 2	Sc 1&2 g	Sc 1&2 h	Cu.	Magn
1	9.9	9.85	9.8	-2.55	7,30
2	9.9	"	"	-2.55	7,35
3	9.8	9.75	9.7	-2.54	9,21

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Wednesday, April 26, 1916

YELLOW

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Scale m mc 9404 9 3 20 00 + 75.6 alt corr +.06

	Sc 1	Sc 2	Ri	magn	Sc 1	P.C.	Sc 2	Ri	magn
1	V.P.						V.P.		
2	B						9.3	-2.41	6.89
3	4.5 4.3		3.37	7,87			7		
4	B						9.1	-2.38	6.72
5	B						8.6	-2.26	6.34
6	4.9 4.7		3.16	8,06			7		
6a	4.9 4.7		3.16	8.06					
7	4.9 4.7		3.16	8,06					
8	6.1 5.9		2.54	8,64					
9	6.8 6.6		2.15	8,95					
10	6.3 6.1	6.30 00	6.3 2.93	9,23					
11	6.6 6.4	6.45 01	6.7 2.22	8,87					
12			7.6 1.81	9,41					
13			7.3 1.93	9 8,23					
14			8.1 1.64	9.74					
15			8.1 1.64	9.74					
16			7.9 1.70	9.60					
17			8.9 1.39	10,29					
18			9.5 1.23	10.73					
19			9.7 1.18	10.88					
20			8.8 1.46 2	10,22					
21			7						

Remeas. July 3, 1917.

6 4.7

7 4.5 Prev. meas. 7 is rather faint, may be due to the large defect in the film closed to 7?

8 6.1

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Wednesday. April 26, 1916

YELLOW

Scale m MC 9404 (cont.) diff. images Alt. corr. +.06

	Sc1 Sc2 g	Sc1 Sc2 w	Cu magn		
1	〃	〃			
2	D.P.	D.P.			
3	〃	〃			
4	9.2	9.15 01	9.1	-2.45	6.70
5	8.4	8.45 01	8.5	-2.34	6.11

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Wednesday. April 26, 1916

YELLOW

Scale m MC 9405 Pole

	Sc. 1	Sc. 2	Sc. 1 P.C.	Sc. 2
1	off plate			
2	"			
3	"			
4	B			8 1
5				8.8
6	B			9.5
7	3.9 3.7p			9.9
8	4.7 4.5			
9	6.6 6.4	6.50 1		6.4
10	6.6 6.4	6.55 01		6.5
11		7.7		
12		7.9		
13		8.7		
14		8.8		
15		9.4		
16		9.9		
17		9.8		

See page 59.

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Wednesday, April 26, 1916

YELLOW

Scale m mc 9405 (cont.) diff. mags

	Sc1	Sc2	Sc1 Sc2 g	Sc1 Sc2 m
4	8.5	8.50	0.0	8.5
5	8.7	8.80	+1	8.9
6	9.8	9.75	0.1	9.7
7	9.9	9.90	0.0	9.9

12.40

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Friday, April 28, 1916

YELLOW

Shutter no 309.

11.10

Series MC 556

Scale m MC9405 Pole

	Sc.1	Sc.2		Sc.1 P.C.	Sc.2
4	B				8.2 −2,34
5					8.6 −2,17 1,67
6	B				9.7 −2,72 2,84
7	3.9 3.7		9.56		9.9 −2,44 1,87
8	4.6 4.4		3,43		
9	6.5 6.3	6.40 11 6.3	2,34		
10	6.6 6.4	6.60 00 6.6	2,28		
11		7.7	1.66		
12		7.8	1.78		
13		8.7	1.38		
14		8.7	1.54		
15		9.5	1.14		
16		9.90 00 9.9 9.9	1.04		
17		9.85 01 9.8 9.9	1.19		

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Friday April 28, 1916

YELLOW

Scale m MC 9405 (cont.) diff. images

	Sc1 Sc2 g	Sc1 Sc2 w		
4	8.6	8.55	01	8.5 −2.69
5	8.8	8.75	01	8.7 −2.32
6	9.8	9.75	11	9.6 −2.72
7	7	7		

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YELLOW

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Alt corr. +.12

Scale m	M C 9406 Sc 1.	Sc 2	Cu	magn	N.G.C. 7789 Sc 1	P.C.	Sc 2	Cu	magn
					0 00 +55.0				Cluster seq.
1	3.0 2.8						9.8	-2.58	7.22
1a	3.9 3.7		3.62	7.52			7		
2	4.9 4.7		3.21	8.11					
3	5.6 5.4		2.83	8.43					
3a	6.7 6.5	6.20 °° 6.7	2.25	8.95					
4	7.1 6.9	7.10 °° 7.1	2.08	9.18					
5		8.3	1.60	9.90					
5a		8.4	1.56	9.96					
5b		8.9	1.40	10.30					
6		9.3	1.28	10.58					
7		9.75 °1 9.8 9.7	1.12	10.87					
8		7 7							

	Diff. images Sc 1 Sc 2 g	Sc 1 & 2 h	Cu	magn
1.	9.8 9.75 °1	9.7	-2.71	7.04
1a	9.9 9.90 °°	9.9	-2.73	7.17

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1916phae.proj.1022L

Friday, April 28, 1916

YELLOW

Scale m mc 9406 (cont.) DM sequence Alt. corr. +.12

	Sc 1	Sc 2	Cu	Magn	Sc 1	P.C.	Sc 2	Cu	Magn
	2.9								
1	2.7						9.3	-2.47	6.83
	3.5								
1a	3.3						9.7	-2.56	7.14
	3.9								
1b	3.7		3.62	7.52			9.8	-2.58	7.22
	5.8								
1c	5.6		2.72	8.52					
	6.4	01							
2	6.2	6.35	6.3	2.43	8.78				
	7.1								
3	6.9	7.10 00	7.1	2.08	9.18				
4			7.7	1.84	9.54				
4a			8.3	1.60	9.90				
4b			8.7	1.46	10.16				
5			9.2	1.30	10.50				
6			9.2	1.30	10.50				
		9.70 11							
10		9.8 9.6	1.13	10.83					
		9.90 00							
10a		9.9 9.9	1.10	11.00					

Diff. images Cu Magn

	Sc 1	Sc 2	Sc 1	Sc 2		
	g		h			
1	9.1	9.00 11	8.9		-2.58	6.42
1a	9.6	9.65 01	9.7		-2.71	6.94
1b	7		9.9		-2.73	7.17

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Friday, April 28, 1916

YELLOW

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Scale m mc 9406[7] SY Androm. 0 12 +42.5 alt corr. +.13

	Sc.1	Sc.2	Ri	magn	Sc.1	P.C.	Sc.2	Ri	magn
α	B 3.5						8.8	-2.33	6.47
β	3.3						9.5	-2.53	6.97
γ	4.7 4.5		3.31	8.01			9.9	-2.60	7.30
δ	3.8 ~~4.2~~ 4.0		3.59	7.59			9.8	-2.58	7.22
a	6.6	6.75 01	6.7	2.22	8.97		7		
a'			7.3	2.00	9.30				
b			7.5	1.91	9.41				
c			8.3	1.60	9.90				
c'			8.6	1.49	10.09				
c^2			9.1	1.34	10.44				
d			9.3	1.28	10.58				
e		9.80 9.8	9.8	1.12	10.92				
f		7	7						

	Diff. images Sc.1	Sc.2	Sc.1	Sc.2	Ri	magn
	g		h			
α	9.1	9.10 00	9.1		-2.60	6.50
β	9.3	9.40 11	9.5		-2.67	6.73
γ	7		7			
δ	9.8	9.85 01	9.9		-2.72	7.13

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1916phae.proj.1022L

Friday, April 28, 1916

YELLOW

Scale mv mc 9408 N.G.C 225 0 40 +60.0 Act. corr. +.11

	Sc.1		Sc.2	Cu	Magn	Sc.1	Sc.2
	4.5						
1	4.3	4.55 +0	4.6	3.40	7.95		
	6.0						
2	5.8	6.05 +01	6.1	2.58	8.63		
3			7.5	1.91	9.41		
4			7.8	1.79	9.59		
5			8.4	1.56	9.96		
6			8.7	1.46	10.16		
7			9.3	1.28	10.58		
8			9.7	1.13	10.83		
9			9.7	1.13	10.83		
10			9.7	1.13	10.83		
11		7 7 9.70 00					
12		9.9 9.9		1.10	11.00		
13			J.P.				

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Friday. April 28, 1916

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Scale m MC 9409 S Cass. 1 12 +72.0 Alt. corr. +.09

	Sc 1	Sc 2	Cu	magn	Sc 1	P.C.	Sc 2	Cu	magn
a							7.8		
b	B						9.3	-2.47	6.83
c	B						9.6	-2.55	7.05
c'	4.9 4.7		3.21	8.11			7		
d	4.1 3.9		3.57	7.67			7		
e	4.8 4.6		3.27	8.07					
e'		7.9	1.75	9.65					
f	5.6 5.4		2.83	8.43					
g	6.5 6.3	6.40 12	6.3	2.40	8.80				
h	6.9 6.7	6.80 12	6.7	2.20	9.00				
h'		7.5	1.91	9.41					
h²		7.7	1.84	9.54					
h³		8.7	1.46	10.16					
k		8.7	1.46	10.16					
l		9.2	1.30	10.50					
m		9.1	1.34	10.44					
n	9.6	9.65 01 9.7	1.14	10.79					
o	9.9	9.90 00 9.9	1.10	11.00					
o'		8.8	1.43	10.23					
p		7							
q		7 ~~9.8~~							

	diff. images			Cu	magn
	Sc 1 Sc 2		Sc 1 Sc 2		
	g		h		
a	8.2	8.05 21	7.9		
b	9.3	9.25 10	9.2	-2.63	6.62
c	9.7	9.60 12	9.5	-2.69	6.91
					12.20

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Monday. May. 8, 1916

Series MC 557

MC 9426 Pole

	Sc. 1	Sc 2	Sc. 1 P. C.	Sc. 2
1				
2				
3				
4				
5	B			
6				
7				
8	4.7			
9				
10				
11				
12				
13				
14				
15				
16				

Reject —

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Monday, May. 29, 1916

Shut no 312

1.50 Series MC 641

Scalem MC 10500 Pole

	Sc.1	Sc.2	10505 P88		Sc.1	P.C.	Sc.2		
5					4.9 4.7	5.10	5.3	5.05 5.08	1.41
6					5.7 5.5	5.70	5.7	5.50 5.60	1.51
8					7.1 6.9	7.20	7.3	7.3 7.25	0.98
9							8.1	8.2 8.15	0.68
10	3.1 ~~3.4~~ 2.9		2.9 3.00	6.02			8.4	8.4 8.40	0.62
11	3.9 3.7		3.7 3.80	5.75			8.7	8.8 8.75	0.80
12	4.0 3.8		3.9 3.95	5.91			8.9	9.4 9.15	0.71
13	4.9 4.7		4.5 4.70	5.60			9.3	9.5 9.40	0.90
14	5.7 5.5		4.9 5.30	5.35			9.6	9.6 9.60	1.03
15	5.9 5.7		5.5 5.70	5.38			9.8	9.8 9.80	1.28
16	6.3 6.1		5.9 6.10	5.30					
17	6.5 6.3	6.50	6.5 6.50 6.50	5.13					
18	7.0 6.8	7.15	7.3 7.15 7.15	4.91					
19			7.4 7.5 7.45	4.97					
20			7.7 7.7 7.70	5.03					
23			8.4 8.7 8.55	4.79					
25			9.1 9.1 9.10	4.77					
26			9.4 9.4 9.40	4.93					
27		9.45 9.4 9.5	9.65 9.55	5.14					
28		9.75 9.7 9.8	9.90 9.82	5.29					

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Scale m MC 10501 Carte 15 00 + 25.0 Rdt. corr. +.20

	Sc.1	Sc.2	Cu	magn	Sc.1 P.C.	Sc.2	Cu	magn
1	B					8.6	0.74	9.34
2	3.6 3.4 3.7		5.86	9,46		8.8	0.74	9,54
3	3.5		5.84	9,54		9.1	0.80	9,90
4	3.6 3.4		5.86	9,46		9.2	0.83	10,03
5	5.1 4.9		5,49	10.39		9.8	1.28	11,08
6	5.6 5.4		5.35	109 5		7		
7	5.7 5.5		5.33	11,03				
8	6.5 6.3		5.15	11.65				
9	6.7 6.5		5.10	11.80				
10	6.8 6.6	6.85 01	6.9	5.08	11.93			
11	6.9 6.7	7.10 22	7.3	5.01	12.11			
12			7.5	4.93	12,43			
13			7.5	4.93	12,43			
14			7.8	4.88	12,68			
15			7.8	4.88	12,68			
16			8.6	4.79	13,39			
17			8.7	4.79	13,49			
18		8.8 8.75 01	8.7	4.79	14.54 3			
19		9.3 9.30 00	9.3	4.91	14.21			
20			7					

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Monday, May. 29, 1916

Scale m MC 10502 DM 15 00 +50 alt. corr. +.12

	Sc.1	Sc.2	Cu	magn	Sc.1	P.C	Sc.2	Cu	magn
1	B				5.9 5.7	5.80 12	5.7	1.42	7.22
2	B				6.8 6.6	6.80 00	6.8	1.12	7.92
3	B						8.4	0.76	9.16
4	4.5 4.3		5.65	10.15			9.6	1.07	10.67
5	4.9 4.7		5.54	10.44			9.9	.	
6	5.5 5.3		5.37	10.87			7		
7	5.7 5.5		5.33	11.03					
8	6.5 6.3	6.50 00	6.5 5.15	11.65					
9	7.1 6.9	7.20 11	7.3 4.99	12.19					
10			7.3 4.96	12.26					
11			7.5 4.93	12.43					
12			7.7 4.90	12.60					
13			7.8 4.88	12.68					
14			8.4 4.79	13.19					
15			8.7 4.79	13.49					
16			9.3 4.91	14.21					
17			9.3 4.91	14.21					
18			9.5 5.03	14.53					
19		9.65 01 9.6	9.7 5.16	14.81					
20		9.9 9.90 00	9.9 .						

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Monday, May. 29, 1916

Ser 641

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Card.

Scale m MC 10503 J.W Draconis 15 40 +62.5 Var 2eq. alt. corr. +.19

	Sc 1	Sc 2	Cu	magn	Sc.	P.C.	Sc 2	Cu	magn
a					4.9 4.7 5.8	5.10	5.3	1.54	6.64
b					5.6	5.70	5.6	1.44	7.14
d	B				6.6 6.4	6.65	6.7	1.17	7.82
e f	B						7.5	0.92	8.42
g	B 3.8						7.8	0.86	8.66
h	3.6		5.82	9.62			8.5	0.74	9.24
k	3.9 3.7		5.80	9.70			8.5	0.74	9.24
l	3.9 3.7		5.80	9.70			8.7	0.74	9.44
m	4.1 3.9		5.76	9.86			9.3	0.88	10.18
n	4.7 4.5		5.60	10.30			9.4	0.93	10.33
o	5.8 5.6		5.30	11.10			J		
p	6.3 6.1	6.20 11 6.1	5.22	11.42					
q	~~6.~~ 6.9 6.7	6.86 11 6.7	5.08	11.88					
r		7.4	4.96	12.36					
s		7.8	4.88	12.68					
T		8.3	4.80	13.10					
u		8.7	4.79	13.49					
w		9.3 9.30 9.3	4.91	14.21					
X		9.3 9.30 9.3	4.91	14.21					

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1916phae.proj.10221

Monday, May. 29, 1916

Scale m MC 10503 JW Drac. Ref. seq. det. corr. +.19

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	B				6.8 6.6	6.75 01	6.7	1.12	7.87
2	3.6 3.4		5.86	9.46			8.3	0.76	9.06
3	4.1 3.9		5.76	9.86			8.9	0.76	9.66
4	5.0 4.8		5.52	10.52			9.5	0.99	10.49
5	4.9 4.7		5.54	10.44			9.5	0.99	10.49
6	5.7 5.5		5.33	11.03			9.7	1.19	10.89
7	6.5 6.3		5.15	11.65					
8	6.6 6.4		5.13	11.73					
9	6.9 6.7	6.90 00	6.9	5.06	11.96				
10	7.0 6.8	7.05 01	7.1	5.02	12.07				
11			7.5	4.93	12.43				
12			7.8	4.88	12.68				
13			8.3	4.80	13.10				
14			8.7	4.79	13.49				
15			8.8	4.79	13.59				
16			8.9	4.80	13.70				
17			9.2	4.87	14.07				
18		9.45 01 9.4	9.5	5.00	14.43				
19		9.85 10 9.9	9.8	5.40	14.25				
~~20~~									

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Monday. May. 29, 1916

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Scale m MC 10504 R Cor. Bor. 15 40 + 30.0 Alt. corr. + .21

	Sc 1	Sc 2	Lu	Magn	Sc 1	P.C.	Sc 2	Var. Seq. Lu	Magn
f					6.6 6.4	6.50 11	6.4	1.20	7.70
f'	B d				d.				
g	B						7.8	0.86	8.46
h	B						7.4	0.94	8.34
k	B					8.3	~~8.8~~	0.76	9.06
l	3.7 3.5		5.84	9.54			8.8	0.74	9.54
m	3.6 3.4		5.86	9.46			9.1	0.80	9.90
n	3.6 3.4		5.86	9.46			8.8	0.74	9.54
o	4.7 4.5		5.60	10.30			9.7	edge 1.19	10.89
p	4.7 4.5		5.60	10.30			9.3	0.88	10.18
q	4.7 4.5		5.60	10.30			9.6	1.07	10.67
r	5.6 5.4	5.55 01 5.5	5.36	10.91			9.9		
s	6.1 5.9	6.20 11 6.3	5.22	11.42					
T		7.8	4.88	12.68					
u		7.5	4.93	12.43					
w		7.7	4.90	12.60					
x		7.7	4.90	12.60					
y		8.3	4.80	13.10					
z		8.7	4.79	13.49					
α		9.1	5.34	14.44					
β	9.4 9.45 01	9.5	5.00	14.45					
γ	9.5 9.50 00	9.5	5.02	14.52					

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1916phae.proj.10221

Monday, May. 29, 1916

Scale m MC 10504 R Cor Bor. Ref. seq. alt. cor. +.21

	Sc.1	Sc.2	Cu	Magn	Sc.1 P.C.	Sc.2	Cu	Magn
1	B					7.6	0.90	8.50
2	B					7.9	0.84	8.74
3	3.9 3.7		5.80	9.70		9.2	0.83	10.03
4	3.9 3.7		5.80	9.70		9.5	0.99	10.49
5	4.7 4.5		5.60	10.30		9.6	1.07	10.67
6	5.9 5.7		5.28	11.18		✗		
7	6.1 5.9		5.24	11.34		✗		
8	6.8 6.6		5.08	11.88				
9	6.7 6.5		5.10	11.80				
10	6.9 6.7	6.90 00 6.9	5.06	11.96				
11	7.0 6.8	7.15 21 7.3	5.00	12.15				
12		8.1	4.83	12.93				
13		8.5	4.79	13.29				
14		8.7	4.79	13.49				
15		9.2	4.87	14.07				
16		9.4 9.35 01 9.3	4.94	14.29				
17		9.8 9.80 00 9.8	5.31	15.11				
2a	3.9 3.7	✗	5.80	9.70		8.7	0.74	9.44
5a	5.6 5.4		5.35	10.95		9.9	.	
~~17~~								
11a		7.6	4.92	12.52				

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Monday. May. 29, 1916

Scale m MC 10505 Pole

	Sc.1	Sc.2		Sc.1	P.C.	Sc.2
5				4.9 4.7	5.05 1 2	5.2
6				5.5 5.3	5.50 0 0	5.3
8						7.3
9						8.2
10	2.9 2.7					8.4
11	3.7 3.5					8.8
12	3.9 3.7					9.4
13	4.5 4.3					9.5
14	4.9 4.7					9.6
15	5.5 5.3					9.8
16	5.9 5.7					J
17	6.5 6.3	4.50 0 0	6.5			
18	7.0 6.8	7.15 3 1	7.3			
19			7.5			
20			7.7			
23			8.7			
25			9.1			
26			9.4			
27		9.6 9.65 0 1	9.7			
28		9.9 9.90 0 0	9.9			

3.45

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1.50

Series MC 584

Scale m MC 9763 Pole

	Sc 1	Sc 2	9769 P96		Sc. 1 P.C.	Sc. 2 M.P	
1							
2							
3							
4							
5	B						
6	2.3 (2.5)						
7	2.6 (2.8)		2.7 2.75 (01)	4.71			
8	3.7 (3.9)		3.7 3.90 (11)	4.23			
9	5.4 (5.6)		5.00 5.30 (30 35)	3.44			
10	5.7 (5.9)	5.80 (11) 5.7	5.30 5.55 (25 25)	3.33			
11	6.7 (6.9)	6.80 (11) 6.7	6.65 6.72 (07 07)	2.64			
12		7.5	6.80 7.15 (35 35)	2.43			
13		7.7	7.8 7.75 (10)	2.33			
14		8.3	8.3 8.30 (00)	1.94			
15		8.6	8.7 8.65 (01)	1.99			
16		9.3	9.1 9.20 (11)	1.94			
17	9.3 (9.30 00)	9.3	9.2 9.25 (10)	1.79			
18	9.7 (9.65 10)	9.6	9.60 9.62 (02 02)	1.94			
			9.85 Q.	2.09			
					7.5p	7.05 7.28 (22 23)	− 1.42 − 0.85
					7.9	7.8 7.85 (10)	− 1.42 − 0.87
					8.7	8.5 8.60 (11)	− 1.62
					9.3	9.2 9.25 (10)	− 1.79
					9.6	9.5 9.55 (01)	− 1.52

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Scale m MC 9764 DM 23 00 30 +50.0 Q.A. corr +.12

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	B						8.8	-1.63	7.17
2	B 3.8						8.6	-1.62	6.98
3	3.6		4.23	8.03			9.6	-1.52	8.08
4	4.9 4.7		3.70	8.60			17		
5	6.5 6.3		2.80	9.30					
6	6.7 6.5		2.90	9.40					
7	6.8 6.6	6.75 01 6.7	2.67	9.42					
8	7.1 6.9	7.15 10 7.2	2.43	9.58					
9		7.4	2.34	9.74					
9a		8.3	1.97	10.27					
10		8.7	1.86	10.56					
11		9.3	1.84	11.14					
12		9.3 9.35 10 9.4	1.85	11.20					
13		9.8 9.80 00 9.8	2.03	11.83					

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Scale m MC 9765 2 1C 0 00 +75.0 Alt. corr + 0.8

	Sc 1		Sc 2	Cu	Magn	Sc 1	P.C.	Sc 2	Cu	Magn
1	3.0 2.8			4.60	7.60			9.5	-1.56	7.94
2	2.6 2.4			.				8.8	-1.63	7.17
3	6.5 6.3	6.50 00	6.5	2.80	9.30			&		
3a	7.1 6.9	7.00 11	6.9	2.53	9.53					
4	3.8 3.6			4.23	8.03			9.8	.	
4a	4.8 4.6			3.75	8.55					
4b	4.9 4.7			3.70	8.60					
4c	5.8 5.6	5.75 01	5.7	3.20	8.95					
5	7.0 6.8	7.05 01	7.1	2.50	9.55					
5a			7.6	2.26	9.86					
6			8.8	1.84	10.64					
6a			8.9	1.83	10.73					
7			8.3	1.97	10.29					
8			9.4	1.87	11.27					
9			9.4	1.87	11.27					
10			9.8	2.03	11.83					
11		9.70 00	9.7	1.98	11.68					
12	9.9	9.85 10	9.8	2.05	11.90					
13			7							

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Card.

Scale m mT 9766 B, 1 21 +45.0 Ref. cor +.11

	Sc.1	Sc.2	Cu	Magn	Sc.1 P.C.	Sc.2	Cu	Magn
	2.6							
1	2.4					8.9	-1.63	7.27
	2.8							
2	2.6		4.68	7.48		8.9	-1.63	7.27
3	B					7.7	-1.42	6.28
	3.1							
4	2.9		4.55	7.63		9.4	-1.60	7.80
	3.8							
5	3.6		4.23	8.03		9.6	-1.52	8.08
	3.8							
6	3.6		4.23	8.03				
	4.0							
7	3.8		4.14	8.14		9.9	.	
	2.9							
8	2.7		4.64	7.54		9.1	-1.63	7.47
	4.8							
8a	4.6		3.75	8.55				
	4.9							
9	4.7		3.70	8.60				
	6.8							
10	6.6		2.64	9.44				
	4.0							
11	3.8		4.13	8.13		9.6	-1.52	8.08
	5.1							
12	4.6		3.23	8.93				
	4.8							
13	4.6	4.75 01	4.7	3.78	8.53			
	5.7							
14	5.5	5.60 11	5.5	3.28	8.88			
	6.9							
15	6.7	6.75 12	6.6	2.67	9.42			
16			8.2	2.00	10.20			
17			7.4	2.34	9.74			
17a			7.7	2.21	9.91			
18			8.5	1.91	10.41			
19			8.7	1.86	10.56			
20			8.8	1.84	10.64			
21			7.4	2.34	9.74			
22			9.3	1.84	11.14			
23			9.6	1.94	11.54			
23a			9.4	1.87	11.27			
24			9.8	2.03	11.83			
25			9.7	1.97	11.67			

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Scale m MC9766 (cont.)

	Sc.1	Sc.2	Cu	Magn
		9.90 80.2		
26	9.9	9.9	2.06	11.98
26a		N.S		
26b		〃		
		9.75 20		
27	9.7	9.8	2.00	11.75
28		〃		

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Scale m MC9767 C1 1 0 0 +15.0 Alt. corr +.09

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	B						8.6	-1.62	6.98
2	B						8.6	-1.62	6.98
3	B						7.7	-1.42	6.28
4	2.7 2.5		4.70	7.40			8.6	-1.62	6.98
5	4.0 3.8		4.14	8.14			9.9	.	
6	3.7 3.5		4.28	7.98			9.6	-1.52	8.08
7	2.7 2.5		4.70	7.40			8.8	-1.63	7.19
7a	5.4 5.2		3.39	8.79					
8	5.8 5.6		3.18	8.98					
9	4.7 4.5		3.80	8.50					
10	4.5 4.3	4.50°° 4.5	3.90	8.40					
11	6.7 6.5	6.70°° 6.7	2.70	9.40					
12		7.4	2.34	9.74					
13	5.7 5.5	5.70°° 5.7	2.24	8.94					
13a		7.8	2.17	9.97					
14		7.9	2.13	10.03					
15		8.5	1.91	10.41					
16		8.6	1.88	10.48					
17		9.3	1.84	11.14					
18		9.8°° 9.5	1.89	11.39					
19	9.8	9.8	2.03	11.83					
20		7							
21	ns	~~X~~							
18a	9.8	9.75°° 9.7	2.00	11.75					

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Scale m MC9768 D_1 0 59 30 −15.0 Alt. corr −.10

	Sc.1	Sc.2	Cu	Magn	Sc.1	Sc.2	Cu	Magn
1	B					8.8	−1.63	7.17
2	B					9.1	−1.63	7.47
3	B					8.9	−1.63	7.27
4	3.1 (3.3)		4.45	7.75		9.3	−1.61	7.69
5	B					8.9	−1.63	7.27
6	B					8.7	−1.63	7.07
7	3.9 (4.1)		4.10	8.20		9.9	.	
8	4.8 (5.0 / 4.8)		3.63	8.63		✓		
9	3.8		4.14	8.14		9.9	.	
10	3.8 (4.0)		4.14	8.14		9.7	−1.50	8.20
11	6.1 (6.3)		2.92	9.22				
12	6.6 (6.8)		2.64	9.44				
13	5.7 (5.9)		3.12	9.02				
14	6.5 (6.7)	6.70 (00) 6.7	2.70	9.40				
15	6.4 (6.6)	6.55 (01) 6.5	2.77	9.32				
16		7.7	2.21	9.91				
17		8.4	1.94	10.34				
18		8.8	1.84	10.64	.			
19		8.9	1.83	10.73	.			
20		9.1	1.82	10.92	.			
21		8.6	1.88	10.48				
22		9.3	1.84	11.14				
23		9.5p	1.89	11.39				
24		9.7	1.97	11.67	.			
25		9.9	2.08	11.98				
26		7						
16a	6.9	7.2 (7.05 ±2)	2.06	9.11				

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Thursday, June 15, 1916

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Scale m mc 9769 Pole

	Sc.1	Sc.2	Sc.1	P.C.	Sc.2
1					J.P
2	off edge				
3	"				
4	B		6.8 (7.0)	7.05 (01)	7.1
5	B				7.8
6	B				8.5
7	2.5 (2.7)				9.2
8	3.5 (3.7)				9.5
9	4.7 (4.9)	5.00 (1 1) 5.1			
10	4.9 (5.1)	5.30 (3 2) 5.5			
11	6.6 (6.8)	6.65 (2 1) 6.5			
12	6.7 (6.9)	6.80 (1 1) 6.7			
13		7.8			
14		8.3			
15		8.7			
16		9.1			
17		9.2			
18	9.5	9.60 (2 1) 9.7			
19	9.8	9.85 (0 1) 9.9			

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Friday, June 16, 1916

Shot no 315

2.25

Series MC 206

Scale m MC 4910 Pole

	Sc.1	Sc.2	4915 T 101		Sc.1	P.C	Sc2		
1					6.1 5.9	6.20 +1	6.3	5.45 5.82 38 37	−1.38
4							7.6	7.5 7.55 01	−1.69
5	B						8.5	8.5 8.50 00	−2.07
6	B						9.2	9.3 9.25 01	−2.27
7	<	J.P.					9.5	9.5 9.50 00	−2.04
8	4.8 4.6		4.5	4.65 21	3.38		9.9	.	−1.87
9	6.4 6.4	6.55 01 6.5	5.80	6.18 27 35	2.56				
10	6.9 6.7	6.80 11 6.7	6.55	6.68 12 13	2.20				
11		7.7	7.5	7.60 11	1.76				
12		8.3	7.8	8.05 32	1.53				
13		8.7	8.5	8.60 11	1.48				
14		8.9	8.7	8.80 13	1.44				
15		9.5	9.5	9.50 00	1.14				
16	9.7 9.70 06	9.7	9.60	9.65 05 05	1.29				
17	9.8 9.80 00	9.8	9.60	9.70 10 10	1.34				
18		J							

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Card.

Salem MC 4911 C5 9 00 +15.0 Alt. corr. +.10

	Sc.1	Sc.2	Cu	Magn	Sc.1 P.C.	Sc.2	Cu	Magn
1	B					8.3	-1.92	6.38
2	3.6 3.4		.			9.7	-2.12	7.58
3	B					8.4	-1.93	6.47
4	B					9.5	-2.10	7.40
4a	4.8 4.6		3.28	8.08				
5	5.6 5.4		2.87	8.47				
6	6.7 6.5		2.24	8.94				
7	4.1 3.9		.			7		
8	6.9 6.7		2.12	9.02				
9	5.7 5.5		2.80	8.50				
10	6.8 6.6	6.75 01	6.7	2.20				8.95
11	7.0 6.8	7.05 01	7.1	2.02				9.07
12			7.7	1.73				9.43
12a			8.4	1.50				9.90
13			7.8	1.70				9.50
14	6.8 6.6	6.75 01	6.7	2.20				8.95
14a			9.1	1.36				10.46
15			7.7	1.73				9.43
16			9.4	1.31				10.71
17			9.7	1.28				10.98
18	9.5	9.55 10	9.6	1.30				10.85
19	9.8	9.80 00	9.8	1.26				11.06

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Scale m MC 9913 Dm 9 0 0 + 20 Alt. corr +.1

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C	Sc.2	Cu	Magn
1	B						9.7	-2.12	7.58
2	B						J.P.		
2a	4.4 4.2		3.50	7 8.90					
3	5.9 5.7		2.70	8.60					
3a	6.8 6.6	6.75 01 6.7	2.20	8.95					
4	6.9 6.7	7.05 12 7.2	2.02	9.07					
4a		7.6	1.76	9.36					
5		7.8	1.70	9.50					
5a		8.4	1.50	9.90					
6		8.5	1.48	9.98					
6a		9.2	1.34	10.54					
7		9.4	1.31	10.71					
8	9.5	9.45 10 9.4	1.30	10.75					
10	9.7	9.80 11 9.9	1.26	11.06					

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Friday. June 16, 1917

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Scale m MC 4914 Dm 9 00 +30 Abb. corr +.12

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	B				6.8 6.6	6.85 01	6.9	−1.56	5.29
1a							8.9	−2.02	6.88
1b	B						8.9	−2.02	6.88
1c	B						7		
1d	3.8 3.6								
1e	5.4 5.2		2.99	8.39					
1f	5.8 5.6	5.75 01	5.7	2.77	8.57				
2	6.6 6.4	6.65 01	6.7	2.26	8.91				
2a			7.4	1.87	9.27				
2b			7.7	1.73	9.43				
3			8.3	153	9.83				
3a			8.6	1.45	10.05				
4			8.8	1.42	10.22				
4a	9.5	9.45 10	9.4	1.30	10.75				
5	9.9	9.90 00	9.9	1.25	11.15				

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1916phot.proj.10221

YELLOW Friday, June 16, 1917 6

Scale m mC4915 Pole

	Sc.1	Sc.2	Lu Magn	Sc.1	P.C.	Sc.2	Lu Magn
1				5.4 5.2	5.45 01	5.5	
4						7.5	
5	B					8.5	
6	B					9.3	
7	B					9.5 X 7	
8	4.5 4.3						
9	5.8 5.6	5.80 00	5.8				
10	6.6 6.4	6.55 01	6.5				
11			7.5				
12			7.8				
13			8.5				
14			8.7				
15			9.5				
16	9.6	9.60 00	9.6				
17	9.5	9.60 01	9.7				

See page 97

3.20

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1916phae.proj.1022L

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YELLOW

10.05

Wednesday, June 21, 1916

Sheet no 315

Series MC 206

Scale m

MC 4915 Pole

	Sc 1		Sc 2	4921 P108		Sc 1 P.C		Sc 2		
1						5.8 5.6	5.65 21	5.5	5.5	−1.21
4								7.5	7.5 7.50 00	−1.64
5	B							8.7	30	−2.27
6								9.3	8.8 9.05	−2.07
7	~~27~~ B 4.5							9.5	9.4 9.55 10	−2.09
8	4.3			3.9 4.20 33	3.83				9.9	−1.87
9	5.9 5.7	5.90 00	5.9	5.10 5.50 4040	3.24					
10	6.7 6.5	6.60 11	6.5	5.75 6.18 4242	2.70					
11			7.5	6.6 7.05 5 45 45	2.31					
12			7.7	7.4 7.55 12	2.03					
13			8.5	8.3 8.40 11	1.68					
14			8.8	8.5 8.65 21	1.59					
15			9.3	9.3 9.30 00 05 05	1.34					
16			9.6	9.50 9.55	1.39					
17			9.6	9.70 9.65 05 05	1.39					

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Wednesday, June 21, 1916

YELLOW

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Scale m MC 4916 B4 9 20 + 45.0 Alt. corr. +.13

	Sc.1	Sc.2	Cu	Magn	Sc.1 P.C.	Sc.2	Cu	Magn
1	B					9.3	-2.10	7.20
2	B					9.5	-2.06	7.44
3	B					8.3	-2.00	6.30
4	~~4.2~~ 2.9		.			9.5	-2.06	7.44
5	J.P.					9.7	-2.00	7.70
6	J.P.					8.8	-2.10	6.70
7	4.5 (4.7)		3.70	8.40		~~7~~		
8	3.6 (3.8)		.					
9	3.7 (3.9)		.					
9a	4.3 (4.5)		3.77	8.27				
10	6.5 (6.7)		2.46	9.16				
11	6.7 (6.9)		2.36	9.26				
12	6.4 (6.6)	6.55 01	6.5	2.53	9.08			
13	5.6 (5.8)	5.75 01	5.7	3.03	8.78			
14			7.7	1.98	9.68			
15			7.8	1.93	9.73			
16			8.7	1.57	10.29			
17			8.7	1.57	10.27			
18			8.5	1.64	10.14			
19			8.7	1.57	10.27			
19a			9.6	1.35	10.95			
20	9.7	9.70 00	9.7	1.33	11.03			
21	9.3	9.25 10	9.2	1.41	10.66			
22			~~7~~					

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Scale m — MC 4917 — C6 — 11 00 +15.0 — Alt. corr +.09

	sc 1	sc 2	Cu	Magn	sc 1 P.C.	sc 2	Cu	Magn
1	B					8.7	-2.08	6.62
2	off plate							
3	B					9.6	-2.02	7.58
4	B					9.5	-2.05	7.45
5	3.4 3.2		.			9.6	-2.02	7.58
6	3.9 3.7		.			?		
7	4.8 4.6		3.64	8.44		?		
8	3.6 3.4		.			9.7	-2.00	7.70
9	3.8 3.6		.			9.9	-1.94	7.96
10	3.5 3.3		.			9.5	-2.05	7.45
10a	5.8 5.6		3.02	8.82				
11	6.8 6.6		2.42	9.22				
12	4.1 3.9		3.88	7.98		?		
13	5.9 5.7	6.10 ±2	6.3	2.80	8.98			
14			7.6	2.02	9.62			
14a			7.7	1.98	9.68			
15	5.9 5.7	5.80 ±1	5.7	3.01	8.81			
16			8.7	1.57	10.27			
17			8.8	1.54	10.34			
18			9.5	1.36	10.86			
19			9.1	1.45	10.55			
20			9.5	1.36	10.86			
21		9.40 9.4	9.4	1.37	10.77			
22		9.80 9.8	9.8	1.33	11.13			

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Wednesday, June 21, 1916

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Scale m mc 4918 D6 11 00 −15.0 Alt. corr. −.12

	Sc.1	Sc.2	Chr	Magn	Sc.1 P.C.	Sc.2	Chr	Magn
1						8.5	−2.04	6.46
2	B					9.4	−2.07	7.33
3	B					8.4	−2.03	6.37
4	B					7.8	−1.85	5.95
5	3.8 3.6		.			~~7~~		
6	3.9 3.7		.					
7	3.9 3.7		.					
8	3.9 3.7		.					
9	4.9 4.7		3.60	8.80				
10	6.5 6.3		2.58	9.08				
11	5.9 5.7		2.95	8.85				
12	5.5 5.3	5.50 00	5.5	3.24	8.74			
13			7.3	2.18	9.48			
14	5.5 5.3	5.60 1'	5.7	3.17	8.77			
15	4.7 4.5	4.80 1'	4.9	3.64	8.44			
16			7.6	2.02	9.62			
17			7.5	2.07	9.57			
18			8.9	1.50	10.40			
19			9.3	1.40	10.70			
20			8.6	1.60	10.28			
21			9.5	1.36	10.86			
22		9.90 00 9.9	9.9	1.32	11.22			
23		~~7~~						
24		9.55 1' 9.5	9.6	1.36	10.91			

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Scale m

MC 4919 a2 12 00 +75.0 Alt. corr +.08

	Sc.1	Sc.2	Lu	Magn	Sc.1	P.C.	Sc.2	Lu	Magn
1							8.3	-2.00	6.30
2	B						8.6	-2.07	6.53
3	B						8.7	-2.08	6.62
4	J.P.								
5	B						J.P.		
6	J.P.								
7a	B								
8a	5.1 4.9			3.50					8.60
8b	5.5 5.3			3.24					8.74
9	5.0 4.8			3.54					8.54
10	5.7 5.5			3.10					8.80
11	6.6 6.4	6.50 11	6.4	2.57					9.07
12			7.3	2.18					9.48
13	5.9 5.7	6.00 11	6.1	2.87					8.87
14			7.9	1.88					9.78
15			8.4	1.68					10.08
15a			8.8	1.54					10.34
16			8.3	1.73					10.03
17			7.8	1.93					9.73
17a			9.8	1.33					11.13
18		9.90 00 9.9	9.9	1.32					11.22
19		J							
20		9.80 00 9.8	9.8	1.33					11.13

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Scale m | mc 4920 | B5 | 12 00 +45 | Q17. corr. +.11

	Sc.1	Sc.2	lu	magn	Sc.1	P.C.	Sc.2	lu	magn
1	B						8.7	-2.05	6.62
2	B						9.5	-2.05	7.45
3	3.6 3.4						9.7	-2.00	7.70
4	4.7 4.5		3.69	8.39					
5	4.5 4.3		3.77	8.27					
6	3.9 3.7						9.9	-1.94	7.96
7	6.1 5.9		2.80	8.90					
8	4.7 4.5		3.70	8.40					
9	5.9 5.7	5.80 ±1	5.7	3.02	8.82				
10	6.9 6.7	7.00 ±1	7.1	2.32	9.32				
10a			7.7	1.98	9.68				
11	4.9 4.7	5.10 ±2	5.3	3.50	8.60				
12			7.7	1.98	9.68				
13			8.7	1.57	10.27				
14			8.7	1.57	10.27				
14a			9.5	1.36	10.86				
15			8.7	1.57	10.27				
16			8.7	1.57	10.27				
17a		8.65 ±1 8.6	8.7	1.59	10.24				
18		9.70 ±1 9.6	9.8	1.33	11.03				
19			J						

Superposed on mc 2719

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YELLOW

Scale m MC 4921. Pole

	Sc.1	Sc.2	Sc.1 P.C.	Sc.2
1	off plate			
4	B			7.5
5	B		~~4.5~~ Bright Star superposed	~~4.5~~
6	B			8.8
7	J.P.			9.6
8	3.9 3.7			9.9 ~~5~~
9	5.1 4.9	5.10 00		5.1
10	5.8 5.6	5.75 01		5.7
11				6.6
12				7.4
13				8.3
14				8.5
15				9.3
16		9.50 00 9.5		9.5
17		9.75 00 9.7		9.7

See page 102.

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YELLOW

Monday, June 26, 1916

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Shutter no 317

Series MC 494

Scale M MC 8580 Pole

	Sc.1	Sc.2	8585 T 115		Sc.1 P.C.	Sc.2	
1	off plate						
4					7.6	7.7 7.65 ^{01}	−1.79
5	B				8.7	8.5 8.60 ^{12}	−2.17
6	B				9.4	9.1 9.25 ^{21}	−2.26
7	J.P.		3.7 a.	3.76	9.7	9.4 9.55 ^{13}	−2.09
8	4.7 4.5		4.1 4.40 ^{33}	3.63	9.9	9.9	−1.87
9	5.9 5.7	6.10 ^{32}	6.3 5.80 5.95 ^{15}	2.79			
10	6.5 6.3	4.40 ^{11}	6.3 6.40 6.40 ^{0000}	2.48			
11			7.5 7.5 7.50 ^{00}	1.86			
12			7.6 7.7 7.65 ^{01}	1.93			
13			8.3 8.5 8.40 ^{11}	1.68			
14			8.5 8.7 8.60 ^{11}	1.64			
15			9.1 9.1 9.10 ^{00}	1.54			
16			9.3 9.5 9.40 ^{11}	1.54			
17		9.50 ^{00} 9.5 9.5	9.50 9.50 ^{0000}	1.54			
18		9.90 ^{00} 9.9 9.9	9.80 9.85 ^{05}	1.71			

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YELLOW

Monday, June 26, 1916

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Card.

Scale m MC 8581 C 6 11 00 +15.0 Alt corr +.05

	Sc.1	Sc.2	Dn	Magn	Sc.1 P.C.	Sc.2	Dn	Magn
1	B					8.9	-2.19	6.71
2	off plate							
3	B P					9.6	-2.10	7.50
4	B					9.3	-2.18	7.12
5	3.5 3.3					9.5	-2.13	7.37
6	3.9 3.7		3.75	7.65		J P.		
7	5.3 5.1		3.20	8.50		J		
8	3.9 3.7		3.75	7.65		9.7	-2.05	7.65
9	3.9 3.7		3.75	7.65		J		
10	3.7 3.5		3.76	7.48		9.7	-2.05	7.65
10a	5.8 5.6		2.87	8.67				
11	6.8 6.6		2.28	9.08				
12	4.7 4.5	4.70 00	4.7	3.50	8.20			
13	5.9 5.7	6.05 1/2	6.2	2.73	8.78			
14			7.5	1.96	9.46			
14a			7.6	1.93	9.53			
15	5.9 5.7	5.90 00	5.9	2.80	8.70			
16			8.5	1.64	10.14			
17			8.6	1.63	10.23			
18			9.4	1.54	10.94			
19			8.7	1.60	10.30			
20			9.3	1.53	10.83			
21			9.2	1.54	10.74			
22			9.7	1.65	11.35			
23			9.8	1.70	11.50			
24		9.80 00 9.8	9.8	1.70	11.50	Superposed on MC 4851		
25		9.90 00 9.9	9.9	1.73	11.63			

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Monday, June 26, 1916

YELLOW

Cgrid 13 21; 78

Scale m mc 8582 θ Leonis 11 12 45 + 16.0 alt. corr +.05

	Sc.1	Sc.2	Cu	Magn	Sc.1 P.C.	Sc.2	Cu	Magn
1	B					8.5	-2.13	6.37
2	3.9 3.7		3.75	7.65		.7		
3	B					9.5	-2.13	7.37
4	4.7 4.5		3.50	8.20		7		
5	5.9 5.7		2.80	8.70				
6	6.7 6.5 6.70 00	6.7	2.34	9.04				
7	7.1 6.9 7.30 3/2	7.5	2.05	9.35				
7a		7.7	1.90	9.60				
8		7.4	2.01	9.41				
9		7.6	1.93	9.53				
10		8.1	1.74	9.84				
10a		8.6	1.63	10.23				
11	9	9.2	1.54	10.74				
11a		9.5	1.58	11.08				
11b		9.7	1.65	11.35				
12		8.65 01 8.6 8.7 9.90 00	1.61	10.26				
13		9.9 9.9	1.73	11.63				

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YELLOW

Scale m · mc 8582 7912 Alt. corr +.08

	Sc.1	Sc.2	Cu	Magn	Sc.1 P.C.	Sc.2
2	same as 1 in other seq.					
1	4.7 4.5		350	8,20		
2	4.5 4.3		3,57	8.07		
1a	5.6 5.8		2,87	8,67		
3	6.7 6.5	6.60 11	6.5	2,38	8,98	
4	7.0 6.8	7.15 21	7.3	2,11	9,26	
4a			7.8	1.85	9,65	
5			8.7	1,60	10,30	
5a			9.1	1,54	10,64	
5b			9,5	1,58	11,08	
6			8.5	1.64	10,14	
7			9.6	1.60	11,20	
8		9.9 7		1,73	11,66	
9		9.8 9.8		1.70	11,58	
10						
11						

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Scale m MC 8583 Gal. Pole 12 39 15 +28.0 Cor. corr +.12

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
A	B						9.6	−2.10	7.50
1	B						9.6	−2.10	7.50
1a	4.7 4.5		3.50	8.20					
2	6.0 5.8	5.96 0.1 5.9	2.79	8.74					
2a	6.8 6.6	6.75 0.1 6.7	2.30	9.05					
3		8.1	1.74	9.84					
3a		8.5	1.64	10.14					
4		8.9	1.57	10.47					
5		9.55 1.0 9.5 9.6	1.60	11.15					
5a		9.75 1.0 9.9 9.8	1.72	11.57					
6		∫							

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Scale m MC 8584 U Virginis 12 46 30 + 6.1 Alt. corr. +0.6

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
a	B						9.3	−2.18	7.12
b	B						9.6	−2.10	7.50
c	3.7 3.5		3.77	7.47			9.6	−2.10	7.50
d	3.6 3.4		3.78	7.38			9.7	−2.05	7.65
e	4.7 4.5		3.50	8.20			?		
f	4.7 4.5		3.50	8.20					
g	5.9 5.7		2.80	8.70					
h	6.1 5.9	6.20 1 1	6.3	2.62	8.82				
k	6.9 6.7	7.00 1 1	7.1	2.17	9.17				
l	6.9 6.7	7.10 2 2	7.3	2.15	9.25				
m			7.7	1.90	9.60				
n			7.7	1.90	9.60				
n'			8.5	1.64	10.14				
o			9.1	1.54	10.64				
p	9.4	9.35 9.60 0 1 9.3		1.54	10.89				
q	9.6	9.6		1.60	11.20				

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Monday, June 26, 1916

Scale no MC8585 Pole

	Sc.1	Sc.2	Sc.1 P.C.	Sc.2
1	off plate			
4				7.7 p
5	B			8.5
6	B			9.1
7	3.5 p (3.7)			9.4
8	3.9 (4.1)			9.9
9	5.7 (5.9)	5.80 11	5.7	
10	6.3 (6.5)	6.40 11	6.3	
11		7.5		
12		7.7		
13		8.5		
14		8.7		
15		9.1		
16		9.5		
17		9.6 9.4 (9.50 1/2)		
18		9.8 9.8 (9.50 00)		

See page 109

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3.05

Tuesday, June 27, 1916

Shut no 317

Series MC 494

Scale m

MC 8585 Pole

	Sc.1	Sc.2	8591 p 121	Sc.1 P.C.	Sc.2		
1	off plate					6.65 a	−2.21
4					7.7	7.8 7.75 10	−1.89
5	B				8.6	8.4 8.50 11	−2.07
6	B				9.1	9.2 9.15 10	−2.17
7	3.6 3.4				9.5	9.4 9.45 10	−1.99
8	3.9 3.7		4.0 3.95 10	4.08	9	9.9 a	−1.87
9	5.8 5.6	5.85 01	5.9 5.65 5.75 10 10	2.99			
10	6.5 6.3	6.50 00	6.5 6.00 6.25 25 25	2.63			
11	6.9		7.5 7.3 7.40 11	1.96			
12			7.6 7.5 7.55 01	2.03			
13			8.6 8.4 8.50 11	1.58			
14			8.7 8.6 8.65 10	1.59			
15			9.3 8.8 9.05 3	1.59			
16		9.53 10 9.4	9.4 9.40 00	1.54			
17		9.5 9.6	9.30 9.42 13 12	1.62			
18		9.90 00 9.9 9.9	9.85 9.86 02 03	1.68			

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Card

Scale m MC 8586 D7 13 00 05 -15.6 Qd. corr -.11

	Sc.1	Sc.2	Cu	Magn	Sc.1 P.C.	Sc.2	Cu	Magn
1	B					9.4	-2.04	7.36
2	D.P.e					9.3	-2.00	7.30
3	3.7 3.5p		4.21	7.91		9.8	-1.93	7.87
4	3.9 3.7		4.10	8.00		9.8	-1.93	7.87
5	B					9.3	-2.00	7.30
6	B					9.3	-2.00	7.30
7	4.1 3.9		4.00	8.10		9.9	-1.91	8.01
8	3.8 3.6		4.16	7.96		9.7	-1.96	7.74
9	3.8 3.6		4.16	7.96		9.8	-1.93	7.87
10	5.7 5.5		3.05	8.75		7		
11	3.9 3.7		4.10	8.00				
12	6.9 6.7	4.80 11 6.7	2.45	9.25				
13		7.5	2.12	9.62				
14	5.9 5.7	5.90 ~ 5.9	2.94	8.84				
15		7.5	2.12	9.62				
16	6.5 6.6	6.75 01 6.7	2.47	9.22				
17		8.2	1.80	10.00				
18		8.8	1.59	10.39				
19		8.9	1.59	10.49				
20		8.6	1.64	10.24				
21		9.9	1.70	11.60				
22		9.5	1.63	11.13				
23		9.5	1.63	11.13				
24		9.85 10 9.9 9.8 9.90 00	1.69	11.54	Superposed on mc 5086			
25		9.9 9.9	1.70	11.60				

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Card

Scale m MC 8587 C 7 13 00 +15.0 Add. corr +.09

	Sc.1	Sc.2		Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	B							7.7	-1.96	5.74
2	B							9.5	-1.98	7.52
3	3.6 (3.9)			4.16	7.96			9.8	-1.93	7.87
4	3.5 (3.7)			4.21	7.91			9.9	-1.91	7.99
5	3.3 (3.5)			4.34e	7.84e			9.8	-1.93	7.87
6	4.5 (4.7)			3.64	8.34			7		
7	5.4 (5.6)	5.55	01	5.5	3.13	8.68				
8	6.7 (6.9)	6.80	11	6.7	2.45	9.25				
9				7.7	2.03	9.73				
10				7.6	2.08	9.68				
11	5.8 (6.0)	5.95	01	5.9	2.90	8.85				
12				7.6	2.08	9.68				
13				8.5	1.67	10.17				
14				8.5	1.67	10.17				
15				8.8	1.59	10.39				
16				8.8	1.59	10.39				
17				9.6	1.67	11.27				
18				9.3	1.62	10.92				
19	9.8	9.80	00	9.8	1.68	11.48				
20	9.9	9.85	10	9.8	1.69	11.54				

Superposed on MC 5436

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Scale m mc 8589 Bb 14 39 20 +45.0 alt. cor +.13

	sc.1	sc.2	Cu	Magn	sc.1 P.C.	sc.2	Cu	Magn
1	B					8.5	-2.07	6.43
2	B					8.5	-2.07	6.43
3	B					8.5	-2.07	6.43
4	B					7.7	-1.96	5.74
5	B					9.4	-2.04	7.36
6	3.5 3.3		4.34a	7.84		9.6	-1.97	7.63
7	do not meas.							
8	3.9 3.7		4.10	8.00		9.7	-1.96	7.74
9	5.5 5.3		3.18	8.68				
10	5.9 5.7		2.94	8.84				
11	6.0 5.8	6.15 2 1	6.3	2.80	8.95			
12	6.0 5.8	6.15 2 1	6.3	2.80	8.95			
13		7.4		2.17	9.57			
14		8.1		1.86	9.96			
15		8.3		1.75	10.05			
16		7.7		2.03	9.73			
17		7.6		2.08	9.68			
18		8.5		1.67	10.17			
19		8.8		1.59	10.39			
20		8.8		1.59	10.39			
21		7						
22		n.s						
23		9.9 9.50		1.70	11.60			
24		9.5 9.5		1.63	11.13	Superposed on mc 5477		
25		n.s 9.90						
26		9.9 9.9		1.70	11.60			

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Scale m MC8590 D8 15 00 −15.0 Ext. corr −.11

	Sc.1	Sc.2	Lu	Magn	Sc.1 P.C.	Sc.2	Lu	Magn
1	J.P.					9.6	−1.97	7.63
2	J.P.					9.7	−1.96	7.74
3	B					9.5	−1.98	7.52
4	J.P.					9.7	−1.96	7.74
5	3.8 3.6		4.16	7.96		9.9	−1.91	7.99
6	3.6 3.4		4.27e	7.87e		7		
7	3.9 3.7		4.10	8.00				
8	3.6 3.4		4.27e	7.87e				
9	3.8 3.6		4.16	7.96				
10	4.5 4.3		3.75	8.25				
11	6.0 5.8		2.87	8.87				
12	4.9 4.7	4.85 10	4.8	3.56	8.41			
13	4.0 3.8	4.15 2	4.3	3.98	8.13			
14			7.5	2.12	9.62			
15			7.7	2.03	9.73			
16			7.6	2.08	9.68			
17			7.8	1.98	9.78			
18			9.3	1.62	10.92			
19			8.6	1.64	10.24			
20			8.6	1.64	10.24			
21			8.7	1.60	10.30			
22			9.9	1.70	11.60			
23		9.3 9.25 10	9.2	1.61	10.86			
24		8.8 ~~9.2~~		1.59	10.39	Superposed on MC 5688		
25		7						

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Scale m MC 8591 Pole

	Sc 1	Sc 2	Sc.1	P.C.	Sc.2
1			6.7 6.5p	6.65 10	6.6p
4					7.8
5	B				8.4
6	B				9.2
7	J.P.				9.4
8	4.0 3.8				9.9
9	5.7 5.5	5.65 10 5.6			
10	6.1 5.9	6.00 11 5.9			
11		7.3			
12		7.5			
13		8.4			
14		8.6			
15		8.8			
16		9.4			
17		9.30 00 9.39.3			
18		9.85 01 9.8 9.9			

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Sheet no 322

4
1.50

Series MC 338

Scale m MC 6471 Pole

	Sc.1	Sc.2	6477 P 120	Sc.1	P.C.	Sc 2	
1	off plate					7.5 a	−3.06
4	" "					8.5 a	−2.64
5	B				7.7	7.6 7.65 10	−1.22
6					8.3	8.5 8.40 11	−1.42
7	B				8.6	8.7 8.65 01	−1.19
8	3.9 3.7		a 4.13		9.3	9.2 9.25 10	−1.22
9	4.9 4.7		4.7 4.80 11 4.04				
10	5.5 5.3		4.9 5.20 33 3.68				
11	6.7 6.5	6.70 00	6.7 5.95 6.32 38 37 3.04				
12	7.1 6.9	7.15 10	7.2 6.30 6.72 43 42 2.86				
13			7.6 7.4 7.50 11 2.58				
14			7.7 7.5 7.40 11 2.64				
15			8.6 7.9 8.25 42 2.39				
16			8.7 8.5 8.60 11 2.34				
17			8.9 8.7 8.80 11 2 2.24				
18			9.6 9.3 9.45 27 2.11				
19	9.8 9.85 01	9.80 00	9.8 9.55 9.68 12 13 2.26				
20	9.8	9.9	9.80 9.82 03 02 2.37				

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Scale m mc 6472 δ Aquilae 19 24 +2.9 Alt. corr + 05

	Sc.1	Sc.2	Qu	Magn	Sc.1	P.C.	Sc.2	Qu	Magn
1	B						9.3	1.21	8.09
2	4.7 4.5		3.94	8.64					
3	4.9 4.7		3.85	8.75					
3a	5.7 5.5		3.40	9.10					
4	6.5 6.3	6.50 00 6.5	3.00	9.50					
5		7.6	2.57	10.17					
6	6.8 6.6	6.75 01 6.7	2.90	9.65					
7	6.9 6.5	6.70 00 6.7	2.93	9.63					
8		7.8	2.52	10.32					
9		7.7	2.54	10.24					
9a		8.3	2.37	10.67					
10		8.5	2.33	10.83					
11		9.3	2.23	11.53					
11a		9.6	2.27	11.87					
12		9.1 9.3 9.00 00	2.23	11.43					
13		9.9 9.9	2.40	12.30					

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Scale m — MC 6473 — B8 — 20 — 0 — +45.0 — Alt. corr +.13

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	B						8.5	-1.26	7.24
2	B						8.7	-1.24	7.46
3	B						8.7	-1.24	7.46
4	3.5 (3.7)		4.34x	8.04			9.4	-1.21	8.19
5	3.3 (3.5)		4.40e	7.90e			9.4	-1.21	8.19
6	B						9.1	-1.22	7.88
7	4.5 (4.7)		3.94	8.64			9.9	.	
8	4.8 (5.0)		3.79	8.79					
9	3.9 (4.1)		4.20	8.30			9.9	.	
10	4.6 (4.8)		3.89	8.69					
11	5.7 (5.9)		3.90	9.20					
12	5.5 (5.7)		3.40	9.10					
13	6.6 (6.8)		2.88	9.68					
14	6.7 (6.9)	6.75 ±.1	6.6	2.90					9.65
15	6.7 (6.9)	6.80 ±.1	6.7	2.88					9.68
16	6.8 (7.0)	6.95 ±.1	6.9	2.83					9.78
17			7.8	2.52					10.32
18			8.3	2.37					10.67
19			7.5	2.63					10.13
20			7.9	2.49					10.39
21			9.3	2.23					11.53
22		9.55 ±.1	9.6	2.27					11.82
23		9.80 ±.1	9.9	2.37					12.17
24			NS						
25			NS						

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Scale m · MC6474 a3 20 0 +75.0 @18 corr +.05

	Sc.1	Sc.2	Cu Magn		Sc.1 P.C.	Sc.2	Cu Magn
1	B					edge	
2	B					8.5e	-1.26 7.24
3	B					9.1	-1.22 7.88
4	B					7.8	-1.34 6.46
5	B					7.5	-1.38 6.12
6	B					9.6	-1.21 8.39
6a	B					9.7	-1.21 8.49
7	B					8.6	-1.25 7.35
8	4.8 4.6p.		3.89	8.69			
9	4.8 4.6		3.89	8.69			
10	4.3 4.1		4.12	8.42			
11	4.9 4.7		3.85	8.75			
12	5.8 5.6		3.37	9.17			
13	5.5 5.3		3.52	9.02			
14	6.7 6.5		2.93	9.63			
15	6.8 6.6	6.75 .1	6.7	2.90	9.65		
16	6.5 6.3	6.40 .1	6.3	3.06	9.46		
17			7.7	2.54	10.24		
18			8.2	2.40	10.60		
19			8.5	2.33	10.83		
20			7.8	2.52	10.32		
21			8.8	2.27	11.07		
22			9.2	2.23	11.43		
23			9.5	2.25	11.75		
24			9.3	2.23	11.53		
25		9.65-.01 9.6 9.80 .07		2.28	11.93		
26		9.8 9.8		2.35	12.15		

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scale m MC 6475 θ Aquilae 20 10 -1.1 Alt. corr +.01

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	B						8.9	-1.23	9.67
2	B						9.1	-1.22	7.88
3	3.9 3.7		4.27	8.17			9.6	-1.21	8.39
4	4.7 4.5		3.94	8.64			9.9	.	
5	3.9 3.7		4.27	8.17			9.7	-1.21	8.49
6	5.8 5.6		3.37	9.17			7		
7	6.6 6.4		2.97	9.57					
8	5.9 5.7		3.30	9.20					
9	6.9 6.7	6.85 10 6.8	2.88	9.73					
9a	7.6 6.9	7.20 11 7.3	2.73	9.93					
10		7.6	2.57	10.17					
11		8.7	2.28	10.98					
12		8.9	2.24	11.16					
13		8.5	2.33	10.83					
14		9.4	2.24	11.64					
15		9.75 10 9.7 9.8 9.80	2.35	12.10					
16		9.8 9.8	2.37	12.17					

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Scale m MC6476 R Vulpeculae 21 0 + 23.4 Alt. corr +11

	Sc.1	Sc.2	Cu Magn	Sc.1 P.C.	Sc.2	Cu	Magn
a	B				7.7	-1.35	6.35
b	B				8.6	-1.25	7.35
c	B				9.2	-1.22	7.98
d	B				8.9	-1.23	7.67
e	B				9.5	-1.21	8.29
e'	B				9.5	-1.21	8.29
f	3.8 3.6		4.32	8.12	9.7	-1.21	8.49
g	4.7 4.5		3.94	8.64	7		
g'	4.7 4.5		3.94	8.64			
h	5.6 5.4		3.47	9.07			
k	6.5 6.3	6.40 11 6.3	3.05	9.45			
l	7.0 6.8	6.95 01 6.9	2.83	9.78			
l'		7.6	2.57	10.17			
m		7.8 ~~8.5~~	2.52	10.32			
n		8.6p	2.30	10.90			
o		8.5	2.33	10.83			
p		7.9	2.49	10.39			
q		8.5	2.33	10.83			
r		8.8	2.26	11.06			
r'		9.1	2.24	11.34			
s		9.50 60 9.5	2.25	11.75			
t		9.8 9.80.00 9.8	2.37	12.17			
u		7					

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Scale m MC 6477 Pole

	Sc.1	Sc2	Sc.1 P.C.	Sc2
1				7.5
4				8.5
5	B			7.6
6				8.5
7	B			8.7
8	J.P.			9.2
9	4.7 4.5			
10	4.9 4.7			
11	6.0 5.8	5.95 0.1 5.9		
12	6.3 6.1	6.30 0.0 6.3		
13		7.4		
14		7.5		
15		7.9		
16		8.5		
17		8.7		
18		9.3 ~~9.6~~		
19		9.5 9.55 1.0 9.6		
20		9.8 9.8 1.0 9.8		

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Thursday, July 13, 1916

Shot no 322

11.10

Series mc 338

Scale m mc 6477 Pole

	Sc.1	Sc 2	6482 P 134	Sc.1	P.C.	Sc.2	
1						7.5	5.95 6.72 $^{78}_{77}$ −2.28
4						8.3	7.5 7.90 ^{44} −2.04
5	B					7.5	8.1 7.80 $^{3}_{3}$ −1.37
6						8.5	8.7 8.60 $^{1}_{1}$ −1.62
7	B					8.6	9.1 8.85 $^{2}_{3}$ −1.39
8	3.5 3.3		3.7 3.60 $^{1}_{1}$ 4.43			8.9	9.6 9.25 $^{3}_{4}$ −1.22
9	4.7 4.5		4.9 4.80 $^{1}_{1}$ 3.94				
10	4.9 4.7		5.6 5.25 $^{3}_{4}$ 3.63				
11	6.0 5.8	5.95 ^{01}	5.9 6.70 6.32 $^{27}_{28}$ 3.04				
12	6.5 6.3	6.45 ^{10}	6.4 7.00 6.72 $^{27}_{28}$ 2.86				
13			7.5 7.6 7.55 ^{10} 2.53				
14			7.7 7.9 7.80 ^{11} 2.44				
15			8.3 8.8 8.45 ^{12} 2.19				
16			8.6 8.8 8.70 ^{11} 2.24				
17			8.7 8.9 8.80 ^{11} 2.24				
18			9.1 9.5 9.30 $^{2}_{2}$ 2.26				
19		9.55 ^{01} 9.6 9.5	9.65 9.60 $^{05}_{05}$ 2.34				
20	9.9	9.85 ^{10} 9.8	9.90 9.88 $^{02}_{02}$ 2.31				

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Scale m MC 6478 C11 21 0 +15.0 Obs. corr +.09

	Sc.1	Sc.2	Cu	magn	Sc.1 P.C.	Sc.2	Cu	Magn
1	B					7.6	.	
2	B					7.4	.	
3	B					8.7	-1.36	7.34
4	B					7.5	.	
5	B					8 6	-1,38	7,22
6	B					9.2	-1.27	7,93
7	4.3 (4.5)		4.05	8,55				
8	4.5 (4.7)		3.96	8,66				
9	J.P.							
10	5.5 (5.7)		3.48	9,13				
11	5.7 (5.9)		3.32	9,22				
12	4.3 (4.5)		4.05	8,55				
13	4.1 (4.3)	4.30 00	4.3	4.14	8,44	9.7	-1.22	8.48
14	3.9 (4.1)	4.20 ⊥1	4.3	4.18	8,38	9.7	-1.22	8.48
15			7.7	2,49	10,19			
16			7.8	2,45	10,25			
17			7.6	2,51	10,11			
18			7.6	2,51	10,11			
19			8.7	2.26	10,96			
20			8.9	2.24	11,14			
21			9.3	2.27	11,57			
22			9.4	2.29	11,69			
23			8.6	2.27	10,87			
24			9,8	2.34	12,14			
25			9.8	2.34	12,14			
26			9.3	2.27	11,57			
27		9.53 D.P.		2.30	11,85			
28		9.6 9.5 9.85 07		2.36	12,24			

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Scale m mc 6479 D_{11} 21 0 −15.0 act corr −13

	Sc.1	Sc.2	Ln	Magn	Sc.1	P.C.	Sc.2	Ln	Magn
1	B						7.5	.	
2	B						8.8	−1.33	7.47
3	B						7.6	.	
4	B						8.6	−1.38	7.22
5	B						8.2	−1.47	6.73
6	B						8.5	−1.40	7.10
7	B						8.9	−1.32	7.58
8	B						8.6	−1.38	7.22
9	4.1 (4.3)		4.14	8.44			9.5	−1.23	8.27
10	B						8.8	−1.33	7.47
11	B						9.1	−1.27	7.83
12	4.3 (4.5)		4.05	8.55			9.5	−1.23	8.27
13	3.3 (3.5)		4.45	7.95			9.1	−1.27	7.83
14	5.6 (6.8)		3.36	9.16					
15	6.7 (6.9)		2.78	9.68					
16	5.5 (5.7)		3.43	9.18					
17	5.4 (5.6)		3.46	9.06					
18	6.6 (6.8)	/	2.83	9.63					
19	6.8 (7.0)		2.73	9.73	28		8.1	2.36	10.46
20	6.6 (6.8)		2.83	9.43	29		8.9	2.24	11.14
21	6.9 (7.1)	7.20 11	7.3 2.66	9.86	30		9.6	2.32	11.92
22	6.7 (6.9)	7.00 11	7.1 2.73	9.73	31		9.2	2.26	11.46
23			7.7 2.49	10.19	32		9.7	2.34	12.04
24	6.3 (6.5)	6.40 10	6.4 3.01	9.46	33		9.5	2.30	11.80
25			8.3 2.33	10.63	34		9.9 9.8 (9.85 10)	2.36	12.21
26			8.7 2.26	10.96	35		9.9 ~~9.7~~	2.36	12.26
27			8. 9.5 ~~2.30~~ 2.28	~~11.80~~ 10.18					

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Thursday, July 13, 1916

YELLOW

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Scale m mC 6480 β Aquarii 21 30 -6.0 Alt. corr -.02

	sc.1	sc.2	Cu	Magn	sc.1	P.C.	sc.2	Cu	Magn
a	4.7 4.5		3.96	8.66			9.8	.	
c		8.6	2.27	10.87					
d		9 8.3	2.27	11.57					
e		9.8 9.75 9.7 .01	2.33	12.08					
1	B						8.7	-1.36	7.34
2	3.6 3.4		4.42	8.02			9.4	-1.23	8.17
3	3.9 3.7		4.32	8.22			9.5	-1.23	8.27
4	4.0 3.8		4.30	8.30			9.5	-1.23	8.27
4a	5.9 5.7		3.32	9.22					
4b	6.0 5.8		3.24	9.24					
5	7.0 6.8	7.05 .01	7.1 2.71	9.76					
6	6.6 6.6	6.75 .01	6.7 2.90	8.65					
6a			7.6 2.51	10.11					
6b			7.9 2.42	10.32					
7			7.8 2.45	10.25					
8			8.6 2.27	10.87					
8a			8.6 2.27	10.87					
8b			9.1 2.24	11.36					
9			9.3 2.27	11.57					
10		9.3 9.30 9.3 .00	2.27	11.57					
11		7							
12		9.9 9.90 9.9 .00	2.34	12.26					
13		N.S							

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Thursday, July 13, 1916

YELLOW

Copied 1321:103

Scale m MC 6481 α Aquarii 22 5 −0.8 Ref. corr +.03

	Sc 1	Sc 2	Lu	magn	Sc 1	P. C	Sc 2	Lu	magn
	3.9								
a	3.7		4.32	8.22			9.8	.	
c		9.4	2.29	11.69					
1	B						9.1	−1.27	7.83
2	3.9 3.7		4.32	8.22			9.7	−1.22	8.48
3	6.9 6.7	7.00 −11	7.1	2.79	9.73				
3a			7.7	2.49	10.19				
3b			7.6	2.51	10.11				
4			4.7	3.95	8.65				
5			8.1	2.36	10.46				
6			8.6	2.27	10.87				
6a			8.6	2.27	10.89				
7			9.3	2.27	11.57				
8			9.4	2.29	11.69				
9			9.4	2.29	11.69				
10	9.6	9.65 −01 9.7		2.31	11.96				
11		7							
12	9.6	9.60 00 9.6		2.32	11.92				
13		9.3							

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Thursday, July 13, 1916

YELLOW

Scale m MC 6482 Pole

	Sc.1	Sc.2		Sc.1 P.C.	Sc.2
1				5.8e	5.9e
4					7.5
5	B				8.1
6					8.7
7	B				9.1
8	3.5				9.6
9	4.7				
10	5.4				
11	6.5	6.70	6.7		
12	6.7	7.00	7.1		
13			7.6		
14			7.9		
15			8.6		
16			8.8		
17			8.9		
18			9.5		
19		9.6	9.7		
20		9.9	9.9		

See page 129

12.25

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Wednesday, September, 13, 1916

11.25	~~B~~ B	44328	E2	3	59	-44.8
	20	2	21			
	21	3	23			
	23	3	22			
	22	1	24			
	24	5	26			
	26	2	25			
	25	2	27			
	27	2	28			
	28	2	29			
	29	1	30			
	30	4	31			
	31	2	32			
	32	1	33			
	33	3	34			

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Wednesday. September 13, 1916

B
~~A~~ 44328 (cont.)

34 3 36

36 2 35

35 3 38

~~38 2 39~~

~~39 1 37~~

~~39~~

37 21 38

38 3 40

40 2 39

39 2 42

42 2 41

41 1 43 ft.

44 n.s.

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Wednesday, September 13, 1916

B

Scale m ~~A~~ 44328 (cont.)

	Sc1	P.C.	Sc2
	~~31~~	~~2~~	~~2pc.~~
	~~2pc~~	~~3~~	~~32~~
1			7.3
2			7.7
3			7.7
4			7.6
5			8.3
6			8.4
7			8.6
8			8.9
9			8.8 7
10			8.9
11			8.9
12			9.1
13			9.3
14			9.5
15			9.5
16			9.3
17			9.8
18			9.8
19			9.8
20			~~7~~

12.30

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Monday, Oct. 9, 1916

Scale m

2.00 B46193 E2 4 01 −450

	Sc 1	Sc 2	Sc. 1	P.C.	Sc 2
1	3.5				8.7
2	3.6				9.3
3	3.3				8.6
4	3.5				8.7
5	3.8				9.3
6	3.7				9.3
7	4.6				9.4
8	4.9				9.9
9	3.9				9.6
10	4.5				9.7
11	4.7				9.7
12	4.3				9.6
13	4.7				9.9
14	5.5				5
15	5.5				5
16	5.3				
17	6.1p				
18	6.1				
19	6.4				
20	6.6	6.7			
21	6.6	7.1			
22		~~757.7~~			
23		7.4			
24		7.7			
25		7.7			
26		7.8			
27					

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Monday, Oct. 9, 1916

Scale IV B 46193 (cont)

	Sc 1.	Sc. 2
28		8.3
29		8.4
30		8.4
31		8.8
32		9.2
33		8.8
34		9.3
35		9.5
36		9.5
37		9.7
38	9.8	9.7
39		〃

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1916phae.proj.1022L

Monday, Oct. 9, 1916

Scale m B46193 (cont.) diffraction images

	$\sigma_1 g$	σ_2	$\sigma_1 h_{\sigma_2}$
1	5.6		5p.
2	6.7		6.7
3	6.8		6.7
4	6.7		6.5
5		7.6	7.7p.
6		7.7	7.6
7		8.7p	8.3
8		8.5p	8.5
9		8.4	8.5
10		8.4	8.7
11		8.4	8.6
12		8.5	8.7
13		n.s	8.9
14		9.2	9.3
15		9.3	9.3
16		9.3	9.5
17		9.7p	n.s
18		9.5	9.5
19		9.7	9.7
20		9.9	9.8
21		?	?

300

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~~Oct. 24~~ Wednesday, Oct. 25, 1916

1.25

Series 113

Copied Bk 27:124, 128

Salem B 46344 ε^4 9 21 −45.1 alt. +.02

	Sc 1	Sc 2	Cu.		Sc 1	P.C.	Sc 2	Cu.	
1	3.7 3.5		2.98	6.68			8.6	−1.96	6.64
2	4.8 4.6		2.75	7.55			9.3	−1.90	7.40
3	5.5 5.3		2.62	8.12			9.4	−1.88	7.52
4	4.9 4.7		2.72	7.62			9.7	−1.72	7.98
5	5.7 5.5		2.59	8.29			9.7	−1.72	7.98
6	5.6 5.4		2.60	8.20			9.7	−1.72	7.98
7	5.6 5.4		2.60	8.20			9.7	−1.72	7.98
8	6.5 6.3		2.47	8.97			J		
9	6.8 6.6	6.80 00	6.8	2.43 9.23					
10	6.9 6.7	6.80 11	6.7	2.43 9.23					
11	7.1 6.9	7.15 10	7.2	2.41 9.56					
12			7.4	2.40 9.80					
13			7.5	2.41 9.91					
14			7.4	2.40 9.80					
15			7.5	2.41 9.91					
16			7.6	2.42 10.02					
17			7.9	2.44 10.34					
18			8.3	2.49 10.79					
19			7.9	2.44 10.34					
20			8.3	2.49 10.79					
21			8.5	2.54 11.04					
22			8.7	2.59 11.29					
23			8.7	2.59 11.29	28	Sc 1	9.90 Sc 2 9.7	9.7	3.34 13.04
24			9.1	2.79 11.89	29		J		
25			9.3	2.94 12.24	30		J		
26			9.5	3.10 12.60					
27		9.30 00 9.3	9.3	2.94 12.24					

Remeas. by O. Oct. 27, '16.
24 8.7 8.8
25 9.2
26 9.3
27 9.3
28 9.7

Orig. measures O.K. Discordance due to accidental error. 26 + 27 are about the same. 27 not brighter than 26.

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Wednesday, Oct. 25, 1916

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Scale m B 46344 Alt. +.021 diffraction images

	Sc.1 g	Sc.2 g	Sc.1 h	Sc.2 h	Cw.
1	7.6	7.5	7.65 01	-.034	7.21
2	7.8	7.8	7.80 00	-0.39	7.41
3	8.4	8.5	8.45 01	-0.50	7.95
4	8.5	8.6	9.55 10	-0.51	8.04
5	8.5	8.7	8.60 11	-0.52	8.08
6	8.6	8.7	8.65 01	-0.52	8.13
7	8.6	8.7	8.65 01	-0.52	8.13
8	9.2	9.3	9.25 01	-0.55	8.70
9	9.6	9.6	9.60 00	-0.53	9.07
10	9.6	9.5	9.55 01	-0.53	9.02
11	9.5	9.6	9.55 10	-0.53	9.02
12	9.9	9.7	9.80 11	-0.51	9.29
13	"	"			
14	"	"			
15	9.9	9.9	9.90 00	-0.49	9.41

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1916phae.proj.10022L

Wednesday, Oct. 25, 1916

Eclipse 34:42

Scale m B46345 150 K 10 01 −30.1 Alt +.06

	Sc.1		Sc.2	Cu.			diffraction images Sc1	Sc2	Sc1	Sc2		
							g		h		Cu.	
1	6.8 6.6	6.75	6.7	2.44	9.19							
2	7.0 6.8	6.95	6.9	2.42	9.37	1	9.6	9.60	9.6	−0.52	9.08	
3			7.5	2.40	9.90	2	9.7	9.75	9.8	−0.51	9.24	
4			7.7	2.42	10.12	3	⁊		⁊			
5			7.9	2.43	10.33							
6			8.5	2.54	11.04							
7			8.8	2.65	11.45							
8			8.9	2.69	11.59							
9			9.3	2.93	12.23							
10			9.2	2.85	12.05							
11			9.5	3.10	12.60							
12			9.6	3.21	12.81							
13			9.7	3.33	13.03							
14			9.8	3.47	13.27							
15			⁊									

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1916phae.proj.10221

Wednesday; Oct. 25, 1916

Corfield 34.66

Scale m B 46346 174 K 10 38 -45.3 alt. + 02

	Sc.1	Sc.2	Cu.		Sc.1	P.C.	Sc.2	Cu.	
1	4.8 (5.0)	5.05"	5.1	2.70	7.75		9.4	-1.83	7.57
2			7.3	2.40	9.70		.7		
3			8.3	2.49	10.79				
4			8.6	2.57	11.17				
5			8.8	2.65	11.45				
6			9.3	2.93	12.23				
7			9.4	3.00	12.40				
8			9.5	3.10	12.60				
9	9.9	9,85"	9.8	3.50	13.35				
10	7		9.9	3.60	13.50				
11			7	~~2.5~~					
3a			8.4	2.52	10.92				

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1916phae.proj.1022L

Wednesday, Oct. 25, 1916

Eclipse 34:66

Scale m B 46346 (cont.) diffraction images Alt. + ~~ob~~ +.02

	Sc.1	Sc.2		Sc.1	Sc.2		
	g			h		Cu.	
1	7.9	8.00	1	8.1		-0.43	7.57
2	9.9	9.85	10	9.8		-0.54	9.31
3	〃			〃			

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1916phot.proj.10221

Wednesday, Oct. 25, 1916

Eclipse 34:108

Scale m B46347 291 rs 10 40 − 59.5 alt. −01

	Sc.1		Sc.2 Cu.		Sc.1 P.C.	Sc.2 Cu.
1	6.3 6.1	4.30	6.3	2.50	8.80	8.5 ~~1.97. 6.53~~
2	6.4 6.2	6.45	6.5	2.52	8.93	Sup. reject.
3			7.4	2.60	9.80	Superposed
4			7.3	2.60	9.70	n s
5			7.5	2.59	9.91	
6			8.1	2.54	10.56	
7			8.4	2.48	10.92	
8			8.6	2.43	11.17	
9			8.7	2.40	11.30	
10			8.9	2.68	11.58	
11			9.1	2.78	11.88	
12			9.3	2.92	12.22	
13			9.4	3.01	12.41	
14			9.5	3.10	12.60	
15	9.5 p	9.40	9.3 p.	3.01	12.41	
16	9.8	9.25	9.7	3.40	13.15	

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1916phae.proj.1022L

Wednesday, Oct. 25, 1916

Objective 34.108

Scale m B 46347 29 Ks diffraction images Alt. = 07

	Sc1 Sc2 g	Sc1 Sc2 h	Cu.		
1	Superposed	8.7	-0.52	8.18	Diffr. im. very poor
2	9.1 9.5	Superposed	-0.55	8.55	
3	~~8.7~~	D.P.	-0.54	8.96	
4	9.5 9.50	9.5	-0.54	8.96	
5	~~7~~	~~7~~	.	.	

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Wednesday, Oct. 25, 1916

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Scale m B46347 (cont) η Carinae 10 40 − 59.5 alt − 07

	Sc.1	Sc.2	Cu.		Sc.1	P.C.	Sc.2	Cu.	
α	4.7 4.5		2.76	7.46 ~~44~~			8.9	-1.92	6.98
β	6.8 6.6		2.43	9.23			J.P.		.
a	4.7 4.5		2.75	7.45			Superposed		.
a'	d		.	.			.		.
a^2	5.5 5.3		2.62	8.12			9.6	-1.76	7.84
a^3	5.7 5.5		2.59	8.29			9.6	-1.76	7.84
a^4	6.0 5.8		2.55	8.55			9.7	-1.72	7.98
a^5	6.1 5.9		2.53	8.63			9.9	-1.63	8.27
b	5.9 5.7		2.57	8.47					
b'	d			.					
c	6.0 5.8		2.55	8.55					
d	6.3 6.1	6.05 3? 5.8	2.53	8.58					
e	6.0 5.8	6.05 ?1 6.1	2.53	8.58					
f		Superposed	.	.					
g		7.7	2.42	10.12					
g'	7.0 6.8	6.85 ?2 6.7	2.42	9.27					

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Wednesday, Oct. 25, 1916

Cf Pick 44.188

alt-07

Scale m B 46347 (cont) η Carinae diffraction images

	Sc1 Sc2	Sc1 Sc2		
	q	n	Cu.	
α	7.7	7.70 00	7.7	-0.37 7.33
β	Superposed			
a	Superposed		7.7	-0.37 7.33
a'	d			
a^2	8.4	8.45 01	8.5	-0.50 7.95
a^3	8.5	8.55 10	8.6	-0.51 8.04
a^4	8.7	8.75 10	8.8	-0.52 8.23
a^5	8.9	9.05 12	9.2	-0.55 8.50
b	Superposed			
b'	d			
c	8.7	8.70 00	8.7	-0.52 8.18
d	8.9	9.00 11	9.1	-0.55 8.45
e	8.9	9.00 11	9.1	-0.55 8.45
f	ns			
g	ns			
g'	9.3	9.00 00	9.3	-0.56 8.74

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1916phae..proj..1022L

Wednesday, Oct. 25, 1916

Cospicua 34:109

Scale m B46348 30 lts 11 03 −61.4 alt −.09

		Sc 1	Sc 2	Lu.		Sc 1	P.C.	Sc 2	Lu.	
b =	1	5.3 (5.5)		2.62	8.12			9.5 ~~7.6~~	−1.80	7.70
c =	2	5.6 (5.8)	5.70 (11)	5.6	2.59	8.29		9.7	−1.72	7.98
	3	6.4 (6.6)	6.45 (11)	6.3	2.48	8.93		h.s		
d =	4	6.7 (6.9)	6.85 (10)	6.8	2.43	9.28				
	5			7.5	2.41	9.91				
	6			7.7	2.42	10.12				
	7			7.9	2.44	10.34				
	8			8.7	2.60	11.30				
	9			8.8	2.65	11.45				
	10			9.3	2.92	12.22				
	11			9.6	3.22	12.82				
	12	9.8	(9.80)	9.8	3.48	13.28				
	13	9.9	(9.90)	9.9	3.60	13.50				

Sc 2 Remeasured by Lo. Recorded by O.

9	8.9
10	9.3
11	9.6
12	9.8
13	9.9

Feb. 8, '17.

marking Correct. no error of ms prev. measures.

O.

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1916phae.proj.1022L

Wednesday, Oct. 25, 1916

Copied 34:109

Scale m B 46 348 (cont.) 30 Ks Diffraction images Alt -.09

	Sc1 g	Sc2	Sc1 h	Sc2	Cu.	
1	8.3	8.13	0° 0°	8.3	-0.48	7.82
2	8.7	8.66	1° 0°	8.6	-0.52	8.13
3	8.9	8.90	0° 0°	8.9	-0.54	8.36
4	9.4	9.35	0° 2°	9.3	-0.56	8.79
5	9.8	9.85	0° 1°	9.9	-0.49	9.36
6	〃		〃			

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1916phae.proj.1022L

Wednesday, Oct. 25, 1916

Copied 44:198

Scale m B46348 (cont.) R S Carinae 11 03 -61.4 Alt. 19

	Sc 1	Sc 2	Cu.		Sc 1	P.C.	Sc 2	Cu
a	4.5 4.3		2.80	7.30			8.5	-0.50 8.00
b	same as 1			.				
c	" " 2			.				
d	" " 4			.				
~~e~~	~~7.6~~							
f		7.7	2.43	10.13				
g		7.7	2.43	10.13				
h		8.7	2.60	11.30				
k		8.6	2.57	11.17				
l		8.6	2.57	11.17				
m		9.2	2.86	12.06				
n		9.1	2.79	11.89				
d'		7.8	2.43	12.23				

Diff. images Cu.

	Sc 1 (g)	Sc 2	Sc 1 (h)	Sc 2		
a	8.1	8.15	8.2		-0.44	7.71

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1916phae.proj.1022L

Wednesday, Oct. 25, 1916

Scale m B46349 c6 11 01 +14.9

	Sc 1	Sc 2	Diff	Sc 1	P.C.	Sc 2	Diff
1	3.8 3.6p.		2.96			8.7	-1.94
2	J.P.					8.8	-1.92
3	5.1 4.9		2.41			9.6	-2.09
4	4.7 4.5		2.86			9.4	-1.84
5	5.5 5.3		2.27			9.5	-1.73
6	5.7 5.5		2.51			9.8	-1.59
9	5.6 5.4		2.99			7	
10	5.8 5.7	6.05 2 3	6.3 2.85				
10a	6.7 6.5	6.70 00	6.7 2.36				
12	6.9 6.7	6.80 11	6.7 2.54				
13			7.3 2.39				
14			7.6 2.46				
14a			8.3				
16			8.2 2.32				
17			8.3 2.48				
19			8.5 2.43				
21			8.6 2.66				
22			9.1 2.44				
23			9.1 2.73				
24			9.4 2.76				
25			9.4 2.93				
26		9.5	9.7 3.18				
27		9.7 9.70 00	9.7 3.42				
28		9.9 9.90 00	9.9 3.38				

Poor images elongated

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Wednesday, Oct. 25, 1916

Scale m B 46349 (cont.) C6 diffraction images

	Sc.1	Sc.2	Sc.1	Sc.2	Diff
	h.		h.		
	7.0	6.9	01	6.8	
1	6.8			6.6	-0.14
2	Y. P.			~~8.0~~	
3	8.4	8.40	00	8.4	-0.89
4	8.4	8.35	01	8.3	-0.79
5	8.3	8.20	11	8.1	-0.43
6	8.8	8.75	01	8.7	-0.54
9	9.4	9.25	21	9.1	-0.66
10	9.5	9.45	10	9.4	-0.55
11a	9.7	9.60	12	9.5	-0.54
12	9.7	9.70	00	9.7	-0.36
13	万			万	

3.45

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1916phae.proj.1022L

Friday. October 27, 1916

Scale m

Series 108

9.30 B46293 C7 13 01 + 14.9

	Sc.1	Sc2	Diff	Sc.1 · P.C.	Sc2	Diff
1	J.P.				8.8	-1.95
2	J.P.				9.6	-2.09
3	J.P.				9.9	-1.79
4	3.8 3.6		3.40 ~~3.76~~		9.9	-1.70
5	4.7 4.5		3.86 ~~3.07~~		J	
6	5.0 4.8		3.94 ~~3.21~~			
7	6.6 6.4	6.45 21	6.3 3.75			
8	6.8 6.6	6.75 01	6.7 2.85			
9			7.4 2.41			
11			7.5 2.61			
12			7.8 2.56			
13			8.3 2.36			
15			8.6 2.39			
16			9.1 2.13			
17			9.1 2.46			
19		9.8 9.75 01	9.7 2.26			
20		9.8 9.80 00	9.8 2.46			
21			n.s			

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Friday, Oct. 27, 1916

Salem B 46293 (cont.) diffraction rings

	Sc 1 g	Sc 2 g	Sc 1 h	Sc 2 h		Diff
1	J.P.		7.6p		7.60	-0.85
2	7.9		8.2		8.05	-0.14
3	8.7		8.8		8.75	-0.64
4	9.2		9.3		9.25	-1.05
5	9.4		9.5		9.45	-0.89
6	9.8		9.7		9.75	-0.81
7	9.9		9.6		9.75	-0.55
8	J		J			

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Friday, Oct. 27, 1916

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Scale m B46296 154 K 14 23 -30.1 Cor. cor +.06.

	Sc 1	Sc 2	Cu	Magn
	6.8			
1	6.6	6.75 6.7	2.77	9,52
2		7.5	2.53	10,03
3		8.9 9.2	2.34	11,24
4		9.1	2,36	11,46
5		9.5	2.40	11,90
6		9.50 9.5	2.40	11,90
7		9.9 9.90 9.9	2.50	12,40
8		7		

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1916phae.proj.10221

Friday, Oct. 27, 1916

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Scale m B46299 D8 15 01 −15.1 alt or +.08

	Sc 1	Sc 2	Cu	Magn	Sc 1	P.C.	Sc 2	Cu	Magn
1	J. P.						9.6	−2.00	9.600
2	J. P.						9.5	−2.00	7.50
3	3.8 3.6		3.54	7,34			9.7	−2.00	7.70
4	J. P.						9.5	−2.00	7.50
5	3.7 3.5		.	,			9.7	−2.00	7.70
6	3.7 3.5		.	,			9.8	−2.00	7.80
7	3.5 3.3		.	,			9.7	−2.00	7.70
8	3.6 3.4		.	.			9.7	−2.00	7.70
9	3.9 3.7		3.57	7,47			J		
10	5.6 4.8		3.56	8,56					
11	5.9 5.7		3.16	9.06					
12	5.8 5.6	5.70 11 5.6	3.27	8,94					
13	6.6 6.4	6.60 00 6.6	2.84	9,44					
14		7.6	2.50	10,10					
15		7.6	2.50	10,10					
16		7.7	2.46	10,16					
17		8.5	2.35	10,85					
18		8.7	2.34	11,04					
19		8.8	2.34	11,14					
20		9.3	2.37	11,67					
21		9.3	2.37	11,67					
22		9.2	2.35	11,55					
23		9.3	2.37	11,67					
24		9.50 00 9.5	2.40	11,90					
25		9.90 00 9.9	2.50	12,40					
26		J							

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Friday. Oct. 27, 1916

Scale m B46299 (cont.) diffraction images 20 cm + 61

	Sc.1	Sc.2	Sc.1	Sc.2	g	h	Cu	Magn
1					7.6p	7.70 (11)	7.8	-0.55	*7.15
2					7.5p	7.70 (32)	7.9	-0.55	7.15
3					8.4	8.45 (01)	8.5	-0.68	7.77
4					8.3p	8.40 (11)	8.5p	-0.67	7.73
5					8.5	8.55 (10)	8.6	-0.69	7.86
6					8.7	8.70 (00)	8.7	-0.71	7.99
7					8.7	8.70 (00)	8.7	-0.71	7.99
8					8.7	8.70 (00)	8.7	-0.71	7.99
9					9.2	9.25 (01)	9.3	-0.76	8.49
10					9.3	9.35 (10)	9.4	-0.75	8.60
11					9.6	9.65 (01)	9.7	-0.73	8.92
12					9.9	9.85 (11)	9.8	-0.67	9.18
13					7		7		

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Friday. Oct. 27, 1916

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Scale m B46300 Jz 12 01 −75.1 alt. am −44

	Sc.1	Sc.2	Cu	Magn	Sc.1 P.C.	Sc.2	Cu	Magn
1	B					9.3	−2.00	7.30
2	B					9.6	−2.00	7.60
3	3.8 3.6		3.54	7,34		9.7	−2.00	7.70
4	3.9 3.7		3.57	7,47		9.8	−2.00	7.80
5	4.7 4.5		3.64	8,34		J		
6	4.6 4.4		3.65	8,25		J		
7	4.7 4.5		3.64	8,34				
8	4.9 4.7		3.60	8,50				
9	5.9 5.7		3.16	9,06				
10	6.1 5.9		3.07	9,17				
11	6.9 6.7		2,73	9,63				
12	6.0 5.8		3.12	9,13				
13	6.5 6.3 p 6.50 00	6.5	2.87	9,37				
14	6.9 6.7	6.80 12 6.7	2.76	9,56				
15		7.4	2,56	9,96				
16		7.7	2.47	10,17				
17		7.7	2,47	10,17				
18		8.1	2,38	10,48				
19		8.9	2.35	11,25				
20		9.1	2.36	11,96				
21		9.3	2.37	11,69				
22		9.6	2.43	12,03				
23		9.4	2.37	11,77				
24		9 8.6	2.43	12,03				
25		9.7	2.45	12,15				
26		9.7	2.45	12,15				

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Friday, Oct. 27, 1916

Scale m B46300 (cont.) Alt. corr -.44

	Sc.1	Sc.2	Cu	Magn
27		9.7	2.45	12,15
28		9.9	2.50	12,40
29	9.8 (9.86-01)	9.9	2.48	12,33
30	9.8 (9.80.00)	9.8	2.47	12,27
31		7		

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Friday, Oct. 27, 1916

Scale m B 46300 (cont.) diffraction images Aet. cor. - 4.4

	Sc.1 Sc.2 g	Sc.1 Sc.2 h	Cu	magn
1	7,8	7.75 01 7.7	-0.56	7,19
2	8.4	8.40 00 8.4	-0.67	7,73
3	8.6	8.55 01 8.5	-0.69	7,86
4	8.7	8.65 10 8.6	-0.70	7,95
5	9.2	8.95 23 8.7	-0.74	8,21
6	9.3	9.20 11 9.1	-0.76	8,44
7	8,9	8.90 00 8.9	-0.73	8,17
8	8.9	8.85 10 8.8	-0.72	8,13
9	9.4	9.30 11 9.2	-0.76	8,54
10	9.6	9.55 01 9.5	-0.73	8,82
11	9.6	9.65 01 9.7	-0.72	8,93
12	〃	〃		

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Friday, Oct. 27, 1916

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Scale m

B 46303 179 K 15 49 — 45.2 diffraction images alt corr. +0.2

	Sc.1	Sc.2	Cu	magn	Sc.1	Sc.2	Sc.1	Sc.2	Cu	magn
1	5.1 (5.3)	5.40 (1h) 5.5	3.42	8,82	g		w			
2		7.7	2.46	10,16	9.6	9.65 (01)	9.7		−0.72	8,93
3		7.8	2.44	10,242	7		7			
4		8.3	2.37	10,67						
5		8.4	2.36	10,76						
6		8.9	2.35	11,25						
7		9.3	2.36	11,66						
8		9.5	2.40	11,90						
9	9.6 (9.6000)	9.6	2.42	12,09						
10	9.8 (9.85 01)	9.9	2.48	12,33						
11		7								

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Friday, Oct. 27, 1916

Scale m B 46 3/4 04 C 8 15 01 +14.9

	Sc.1	Sc 2	Diff
1	3.9 3.7		3.30
3	4.5 4.3		3.59
4	5.7 5.5 p		2.02
6a	5.5 5.3		3.29
8	5.5 5.3 p		3.47
9	6.3 6.1 p	6.20 12 6.1	3.02
11	6.9 6.7	6.85 10 6.8	2.66
12		7.3	2.45
14		7.8	2.17
15		7.9	2.46
16		8.3	2.32
18		8.6	2.08
20a		8.7	2.52
21		9.3	2.12
22		9.5	2.32
25	9.7	9.70 oo 9.7	2.56
25a	9.9	9.90 oo 9.9	2.77
26		M	

Sc.1	P.C.	Sc 2	
		9.5	-2.30
9.9	9.4	1.81	-2.66
		9.7	-1.98
		M	

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Friday. Oct. 27, 1916

Scale m B 4630 4 (cont.) diffraction images

	Sc1 Sc2 g	Sa1 Sa2 h	Diff
1	7.8	7.80° 7.8	−0.60
3	9.1	9.00 11 8.9	−0.91 −1.76
4	8.4	8.40° 8.4	−0.68
6a	9.5	9.55 1° 9.6	−0.76
8	9.8	9.80° 9.8	−0.83
9	9.8	9.85 01 9.9	−0.37 63
11	J	J	
12	n.s	n.s	

11.10

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Friday, November 3, 1916

YELLOW

Sheet no 330

11.15 Series mc 283

Scale m MC 5831 Pole

	Sc.1	Sc2	5836 I=174			Sc.1 P.C.	Sc.2			
1							6.95			-2.51
5	B						8.9	8.5	8.70 22	-2.37
6	3.7 3.5		3.9	3.70 00	3.28		9.6	9.5	9.55 01	-2.57
7	3.8 3.6		3.9	3.85 01	3.61		9.8	9.9	9.85 01	-2.39
8	5.1 4.9	5.30 22	5.5 5.50	5.40 10 10	2.63		J			
9	6.9 6.7	6.85 10	6.8 6.80	6.82 03 02	1.92					
10			7.3 7.4	7.35 10	1.53					
11			7.9 8.3	8.10 32	1.26					
12			8.3 8.7	8.50 21	1.08					
13			9.1 9.2	9.15 10	0.93					
14			9.1 9.5	9.30 32	0.94					
15		9.40 11 9.5	9.3 9.80	9.60 20 20	1.04					
16		9.90 00 9.9	9.9 9.90	9.90 00 00	1.04					
17		J								
18										
19										

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Friday, November 3, 1916

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Scale m | mc 5832 | B 8 | 20h 0m +45.0 | Rdg. corr +.13

	Sc.1	Sc.2	Cu	Magn	Sc.1 P.C.	Sc.2	Cu	Magn
1	B					9.8	-2.45	7.35
2	4.1 3.9		3.25	7.35		J		
3	B					9.9	-2.45	7.45
4	5.5 5.3		2.58	8.08				
5	4.9 4.7		2.88	7.78				
6	4.9 4.7		2.88	7.78				
7	6.7 6.5		1.98	8.68				
8	6.9 6.7	6.80 ±1 6.7	1.92	8.72				
9	6.1 5.9	6.20 ±1 6.3	2.23	8.43				
10	6.8 6.6	6.75 ±1 6.7	1.93	8.68				
11		7.7	1.45	9.15				
12		7.7	1.45	9.15				
13		8.1	1.25	9.35				
14		8.3	1.17	9.47				
15		8.5	1.10	9.60				
16		8.5	1.10	9.60				
17		9.2	0.98	10.18				
18		9.4 9.45 ±.01 9.5	0.98	10.43				
19		8.7 9.75 ±.10 8.8	1.03	9.78				
20		J						

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Friday, November 3, 1916

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Scale m mc 5833 a3 20h 0m + 75.0 Alt. cor +.08

	Sc.1	Sc.2	Cu	magn	Sc.1 P.C.	Sc.2	Cu	magn
1	near edge							
2	near edge							
3	3.9 3.7		3.33	7,23		7		
4	B					9.7	-2.45	7,25
5	B					9.2	-2.46	6 7,74
b	5.5 5.3		2,57	8,07				
6a	5.6 5.4		2,53	8,13				
7	3.7 3.5		3,40	7,10				
8	7.1 6.9		1.75	8,85				
9	7.1 6.9		1.75	8,85				
10	6.9 6.7	6.80 11 6.7	1.94	8,74				
11	7.0 6.8	7.05 01 7.1	1.78	8,83				
12		7.7	1,45	9,15				
13		7.7	1,45	9,15				
14		8.4	1,14	9,54				
15		8.5	1,10	9,60				
16		8.3	1,17	9,69				
17		9.3	0.98	10,28				
18		9.6	1.00	10,60				
19		9.6	1.00	10,60				
20		9.3 9.25 9.2 9.10	0.99	10.24				
21		9.9 9.9	1.04	10.94				

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Friday, November 3, 1916

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Equid B 22:88

Alt. corr +.13

Scale m — MC 5834 — SW Cygni — $20^h\ 12^m$ $+47.5^\circ$ — Variable Seq.

		Sc.1	Sc.2	Em	Magn	Sc.1	P.C.	Sc.2		
	a	4.0 3.8		3.28	7,08			9.8	-2.45	7.35
	b	5.1 4.9		2.80	7,96					
	c	6.5 6.3		2.08	8,58					
	d	6.8 6.6	6.75 02 6.7	1.94	8,69					
SW Cygni	d'	7.1 6.9	7.10 00 7.1	1.75	8,85					
	e	-	7.7	1.45	9,15					
	f		8.6	1.07	9,67					
	g		8.5	1.10	9,60					
	h		8.7	1.05	9,75					
	k		9.3	0.98	10,28					
	l		9.7	1.00	10,70					
	m		9.90 00 9.9 9.9	1.04	10,94					
	m'		9.70 05 9.7 9.7	1.00	10,70					
	~~n'~~		~~8.3 8.4~~							
	o									
	d'	6.9 6.7	6.85 10 6.8	1.92	8,77					

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Friday, November 3, 1916

alt. corr +.13

Scale m MC 5834 S W Cygni $20^h\ 12^m$ $+47^\circ.5$ Ref. Seq.

	Sc 1	Sc 2	Cu	magn	Sc 1	P. C.	Sc 2
1	4.9 (5.1)		2.80	7.90			7
2	4.4 (4.6)	4.75 (5.1) 4.9	2.94	7.69			
3	6.3 (6.5)	6.50 (6.6) 6.5	3.07	8.57			
3a		7.6	1.50	9.10			
4		7.8	1.40	9.20			
5		8.6	1.08	9.68			
5a		8.6	1.68	9.68			
6		9.1	0.99	10.09			
7		9.5 ~~9.6~~	0.99	10.49			
8		9.1	0.99	10.09			
11		9.4	0.98	10.38			
12		9.7 (9.60) 9.5	1.00	10.60			
12a		9.9 (9.90) 9.9	1.04	10.94			

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Friday, November 3, 1916

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Ref. corr +.11

Scale m MC 5835 S Cygni 20h 14m +57°.5 Variable Sequence

	Sc.1	Sc.2	Ch	Magn	Sc.1	P.C.	Sc.2
	3.8						
a	3.6		3.36	7.16			7
	5.1						
b	4.9		2.80	7.90			
	5.8	01					
c	5.6	5.75 5.7	2.44	8.19			
	6.8	00					
d	6.6	6.80 6.8	1.92	8.72			
e		7.8	1.40	9.20			
f		8.4	1.13	9.53			
g		8.5	1.10	9.60			
h		9.2	0.98	10.18			
		9.65 01					
k	9.6	9.7	1.00	10.65			
		9.65 01					
l	9.6	9.7	1.00	10.65			
		9.85 10					
m	9.9	9.8	1.02	10.67			

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Friday, November 3, 1916

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alt. or +.11

scale m | mc5835 | S Cygni | 20h 14m + 57°.5 | Ref. Seq.

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2
1	3.9 3.7		3.32	7.22			J
2	4.8 4.6		2.92	7.72			
3	4.5 4.3	4.60 1' 4.7	3.00	7.60			
3a	5.9 5.7	5.90 00 5.9	2.40	8.30			
4		8.1	1.25	9.35			
5		8.4	1.13	9.53			
6		7.6	1.50	9.10			
7		9.1	0.99	10.09			
8		9.3	0.98	10.28			
9		9.80 00 9.8 9.8	1.02	10.82			
10		J J 9.75 1.0					
11		9.7 9.8	1.01	10.76			

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Friday, November 3, 1916

YELLOW

Scale m MC 5836 Pole

	Sc.1	Sc.2	Cu Inogn	Sc.1	P.C.	Sc.2
				7.0		
1	B			6.8p	6.95 01	6.9p
4	B					8.5
5	B					9.5
6	3.7 3.5		3.67			9.9
7	3.9 3.7p.		3.55			
8	5.4 5.2	5.50 11	5.6 2.52			
9	6.9 6.7	6.80 11	6.7 1.90			
10			7.4 1.66			
11			8.3 1.35			
12			8.7 1.24			
13			9.2 1.14			
14			9.5 1.10			
15		9.80 9.8	9.8 1.08			
16		9.90 9.9	9.9 1.08			
17						

See page 167

12.35

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1916phae.proj.10221

YELLOW

Monday, November 6, 1916

Ser 652

Card

2.00

Series MC 652

Scale m | MC 10633 | DM | 14 00 +25.0 | Alt. corr +.11

	Sc.1	Sc.2	h	magn	g diff. images Sc.1	Sc.2	h Sc.1	Sc.2		
	4.0									
1	3.8		3.48	7,48	9.8	9.86 .01	9.9		-2.25	7.60
	4.3									
2	4.1		3.28	7,58	9.9				-2.24	7.66
	4.5									
3	4.3	4.60 .11	4.7	3.07	7,67	9.8	9.85 .01	9.9		-2.25	7.60
	5.9									
4	5.7	5.80 .11	5.7	2.37	8,17					
5			7.5	1.62	9,12					
6			7.4	1.16	8,56					
7			7.8	1,51	9,31					
8			8.4	1.32	9,72					
9			8.8	1.22	10,02					
10			9.1	1.16	10,26					
11		9.55 .10	9.6	1.10	10,65					
12	9.7	9.70 .00	9.7	1.09	10,79					
1'										

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Monday, November 6, 1916

Card.

Scale m MC 10634 Dm 14 20 + 30.0 – Corr. corr +.12

	Sc 1	Sc 2	Cu Magn		Sc 1 g	Sc 2 diff. mags	Sc 1 h	Sc 2	Cu	Magn
1	3.8 3.6		3.61	7,41	9.6	9.65 01	9.7		-2.29	7.36
2	4.7 4.5		3.00	7.70	9.9	9.90 00	9.9		-2.24	6.66
3	5.5 5.3	5.55 10	5.6	2.50	7		7			
4	6.7 6.5	6.60 10	6.6	1.98	8,63					
5			7.5	1.62	9,12					
6			7.8	1.52	9,32					
7			8.5	1.28	9,78					
8			9.1	1.16	10,26					
9			9,3	1.13	10,43					
10			9.5	1.10	10,60					
11	9.6	9.65 01 9.7		1.09	10,74					
12	9.9	9.85 10 9.8		1.08	10,93					

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YELLOW Monday, November 6, 1916

Cond.

Scale m mc 10635 D m 14 40 + 20.0 Alt. corr +.10

	Sc. 1	Sc 2	Lu	Magn	Sc. 1	P.C.	Sc. 2	Lu	Magn
1	3.4 (3.6)		3.76	7.36			9.8	-2.33	7.47
2	3.7 (3.9)		3.62	7.52					
3	5.6 (5.8)		2.37	8.17					
4	6.5 (6.7)	6.70 ∞	6.7	1.95	8.65				
5	6.9 (7.1)	7.15 10	7.2	1.74	8.89				
6			7.6	1.59	9.15				
7			7.8	1.52	9.32				
8			8.1	1.42	9.52				
9			8.8	1.21	10.01				
10			9.3	1.13	10.43				
11			9.3	1.13	10.43				
12		9.55 10	9.6	1.10	10.65				
13	9.9	9.85 10	9.8	1.08	10.93				

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Monday. November 6, 1916

Scale in diffraction images

MC 10635 (cont.)

	g Sc1	Sc2	h Sc1	Sc2	Cu	magn
1	9.4	9.45	9.5		-2.32	7.13
2	9.9	9.85	9.8		-2.26	7.59
3	〃		〃			

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Monday, November 6, 1916

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Card.

Scale mv mc 10636 C 8 $14^h\ 59^m\ 40^s$ +15.0 Abb. cor +.10

	Sc 1	Sc 2	Cu	Magn	Sc 1 P.C.	Sc 2	Cu	Magn
1	B					9.4	-2.37	7.03
2	P edge					9.5	-2.36	7.14
3	4.6 4.4		3.07	7.67		n.s		
4	B. edge					9.2	-2.38	6.82
5	B					9.3	-2.38	6.92
6	B					9.5	-2.36	7.14
6a	5.6 5.4		2.48	8.08		7		
7	5.5 5.3		2.52	8.02				
8	4.3 4.1	4.40 21	4.5	3.20	7.60	7		
9	5.4 5.2	5.45 01	5.5	2.58	8.03			
10			7.6	1.58	9.18			
11	7.1 6.9	7.15 10	7.2	1.74	8.89			
12	6.3 6.1	6.55 10	6.4	2.10	8.45			
13	6.5 6.3	6.55 10	6.6	2.00	8.55			
14			7.8	1.52	9.32			
15			8.5	1.27	9.77			
16			8.9	1.20	10.10			
17			7.7	1.55	9.25			
18			9.2	1.15	10.35			
19			8.5	1.27	9.77			
20			8.2	1.38	9.58			
20a			9.3	1.13	10.43			
20b			9.7	1.09	10.79			
21			9.7	1.09	10.79			
22			n.s					
23			9.9	1.08	10.98			
24			n.s					

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Monday, November 6, 1916

Scale m

MC 10636 (cont)

diffraction images

	Sc.1	Sc.2	Sc.1 − Sc.2	Lu	Magn
1	9.2	9.25	9.3	-2.36	6.89
2	9.7	9.65	9.6	-2.29	7.36
3	〃		〃		
4	8.8	8.85	8.9	-2.41	6.44
5	8.7	8.65	8.6	-2.45	6.20
6	9.2	9.25	9.3	-2.36	6.89
6a	〃		n.s		

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Monday, November 6, 1916

Chart no 331

Scale m MC 10637 Pole

	Sc.1	Sc.2		Sc.1 P.C.	Sc.2	
4	B				8.3 p.edge	-2.44
5	B				8.8	-2.37
6	B				9.5	-2.52
7	3.9 3.7 p		3.56		9.7	-2.24
8	5.4 5.2		2.63		N.S	
9	6.9 6.7	6.86 10	6.8 1.89			
10	7.1 6.9	7.15 10	7.2 1.73			
11			7.8 1.56			
12			8.2 1.38			
13			8.9 1.18			
14			9.2 1.04			
15			9.5 1.14			
16	9.8	9.85 01	9.9 1.09			
17			7			

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1916phae.proj.1022L

Monday, November 6, 1916

YELLOW

Scale m

MC 10637 (cont.) diffraction images

	Sc1 Sc.2 g	Sc1 Sc2 pr	
4	8.5p	8.50 00	8.5p -2,64
5	8.7	8.75 10	8.8 -2.32
6	9.5	9.40 11	9.3 -2.42
7	9.8	9.70 11	9.6 -2.24
8	n.s		n.s

3.00

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YELLOW

Wednesday November 8, 1916

Shut no 331

2.00

Series mc 652

Scalem mc 10637 Pole

	Sc.1		Sc2	10643 p198		Sc.1	P.C.	Sc.2			
4	B							8.5p		8.50	-2.64
5	B							8.6	8.3	8.45	-2.03
6	B			3.7	3.70	3.28		9.4	9.6	9.50	-2.50
7	3.8 3.6				3.80	3.66		9.8	9.9	9.85	-2.39
8	5.5 5.3			5.65	5.58	2.45		7			
9	6.9 6.7	6.80	6.7	6.90	6.85	1.89					
10	7.1 6.9	7.15	7.2	7.4	7.28	1.60					
11			7.7	7.9	7.80	1.56					
12			8.3	8.3	8.30	1.28					
13			8.6	8.9	8.75	1.33					
14			8.8	9.2	9.00	1.24					
15			9.4	9.6	9.5	1.14					
16		9.80	9.8	.	9.80	1.14					
17			7	9.90	9.90	1.14					

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Wednesday, November 8, 1916

Scale m MC 10637 (cont.) diffraction images

	Sc 1	Sc 2		Sc 1	Sc 2	
	g			h		
4	8.6p	8.50	8.4p	8.50		−2.64
5	85	8.55	86	8.80	8.68	−2.25
6	9.3	9.30	9.3	9.55	9.42	−2.44
7	9.7	9.70	9.7	9.85	9.78	−2.32
8	~~7~~		~~7~~			

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Wednesday, November 8, 1916

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Card.

Scale m mc 10638 D 8 15 00 −15.0 Alt. cor −.11

	Sc 1	Sc 2	Cu	magn
1	4.0 3.8		3.35	7.35
2	4.4 4.2		3.12	7.52
3	3.8 3.6		3.46	7.26
4	J. P. e			
5	5.6 5.4		2.45	8.05
6	5.1 4.9		2.70	7.80
7	5.6 5.4		2.45	8.05
8	4.8 4.6		2.88	7.68
9	5.1 4.9		2.70	7.80
10	6.8 6.6		1.90	8.70
11	7.0 6.8	7.15 3' 7.3	1.74	8.89
12	6.5 6.3	6.55 10 6.6	2.00	8.55
13	5.9 5.7	5.90 00 5.9	2.30	8.20
14		8.5	1.33	9.83
15		8.5	1.33	9.83
16		8.7	1.30	10.00
17		8.7	1.30	10.00
18		9.7	1.17	10.87
19		9.4	1.20	10.60
20		9.4	1.20	10.60
21		9.7	1.17	10.87
22		n.s		
23	9.8	9.85 01 9.9	1.16	11.01
24	9.7	9.65 10 9.6	1.18	10.83
25		n s		

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card

Addt. cor +.25

Scale m Mc 10639 M5 15 14 +2.5 Cluster sequence

	Sc 1	Sc 2	Cu	Magn
α		9.6	1.14	10.78
β		9.8	1.16	10.96
γ		9.8	1.16	10.96
δ		9.8	1.16	10.96

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Wednesday, November 8, 1916

YELLOW

Cloud

Scale m MC 10639 (cont.) Dm Ref. Seq. Alt. corr +.05

	Sc 1		Sc 2	Cu	Magn
1	6.4 (6.6)	6.60 00	6.6	1.98	8,54
2	6.5 (6.7)	6.70 00	6.7	1.95	8,65
3	6.7 (6.9)	6.80 11	6.7	1.90	8,70
3a			7.8	1.52	9,32
3b			8.2	1.42	9,62
3c			8.5	1.33	9,83
4			9.2	1.23	10,43
5			8.7	1.30	10,00
6			9.3	1.21	10,51
6a	9.7	9.70 00	9.7	1.17	10,87
6b	9.8	9.80 00	9.8	1.16	10,96

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Wednesday, November 8, 1916

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Scale m.	MC 10640		B Librae + 4″	15 19 40 — 10.0	Att-corr -.85
	sc.1	sc.2	Lm	Magn	
a		7.8	1.52	9.32	
b		8.7	1.30	10.00	

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Wednesday, November 8, 1916

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Scale m MC 10640 (cont.) Alt. corr ~.05 DM Reference Sequence

	Sc.1	Sc.2	Ar	magn	Sc.1	P.C.	Sc.2	Ar	magn
1	B 4.1						9.7	-2.43	7.27
2	3.9		3.30	7.40					
3	5.3 (5.5 5.5)	5.5 (5 1.0)	5.6	2.48					8.03
4			7.4	1.66					9.06
5			7.8	1.52					9.32
6			8.3	1.39					9.69
7			9.2	1.23					10.43
8			9.4	1.20					10.60
9			9.3	1.22					10.52
10			9.6	1.18					10.78
11		9.8 (9.75)	9.7	1.17					10.92
12		7	9.9	1.15					11.05

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Wednesday, November 8, 1916

Scale m mc10640 (cont.) diffraction images

	Sc1 Sc2 g	Sc1 Sc2 h	Cu	magn
1	9.3	9.40 11	9.5	-2.37 7.03
2	〃	〃		

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Wednesday, November 8, 1916

Liquid B23:124

Card.

Scale w MC 10642 Cg 16 59 50 + 15.0 Alt. corr +.09

	Sc.1	Sc.2 hr	magn	Sc.1 P.C.	Sc.2	Cu	magn
1	B				9.6	-2.45	7,15
2	B				9.2	-2.48	6,72
3	B				8.7	-2.51	6.19
3a	B				9.7	-2.44	7,26
4	B				9.7	-2.44	7,26
5	3.9 (4.1)	3.30	7,40		7		
6	3.7 (3.9)	3.40	7,30		7		
6a	3.9 (4.1)	3.30	7.40				
7	3.7 (3.9) B	3.40	7,30				
8	5.5 (5.7) 5.65 (10) 5,6	2.41	8,06				
8a	7.4	1.66	9,06				
9	8.2	1.42	9,62				
10	8.5	1.34	9,84				
11	6.7 (6.9) 6.80 (11) 6.7	1.90	8.70				
12	7.7	1.56	9.26				
13	7.9	1.50	9,40				
14	8.9	1.27	10,17				
15	8.6	1.32	9,92				
16	9.7 9.75 (10) 9.8	1.18	10,93				
17	9.9 9.90 (00) 9.9	1.16	11.06				

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Wednesday, November 8, 1916

Scale m MC 10642 (cont.) diffraction images

	Sc1 g	Sc2 g	Sc1 h	Sc2 h	Cu	magn
1	9.3	9.45	9.6		-2.36	7.09
2	8.8	9.80	8.8		-2.43	6.37
3	8.4	8.50	8.6		-2.46	6.04
3a	9.5	9.50	9.5		-2.36	7.14
4	9.4	9.50	9.6		-2.36	7.14
5	9.9	9.90	9.9		-2.29	7.61
6	9.8	9.85	9.9		-2.30	7.55
6a	9.8	9.85	9.9		-2.30	7.55
7	9.8	9.80	9.8		-2.30	7.51
8	J		J			

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Wednesday, November 8, 1916

YELLOW

Scale m MC 10643 Pole

	Sc.1	Sc.2		Sc.1 P.C.	Sc.2
5	B 3.7				8 X.3 mistake of a unit Remeasured
6	3.5				9.6 H.S Lo. Nov. 14/16
7	J.P.				9.9
8	5.6 5.4	01 5.65	5.7		7
9	9.0 6.8	11 6.90	6.8		
10			7.4		
11			7.9		
12			8.3		
13			8.9		
14			9.2		
15			9.6		
16			J.P.		
17		9.90 9.9	9.9		
18			n.s		

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Wednesday, November 8, 1916

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Scale m MC 10643 (cont.) diffraction images

	Sc.1 Sc.2 a	Sc.1 Sc.2 h
5	8.8 8.80	8.8
6	9.5 9.55	9.6
7	9.9 9.85	9.8
8	7	7

3.15

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Friday, November 10, 1916

Shutter no 330

scale m

Series mc544

2.20 mc 9243 Pole

	Sc.1	Sc.2 (9248 p202)		Sc.4		Sc.2			
1				6.5	6.65 10	6.6	6.35	6.50 10 15	−2.06
4						8.3	8.2	8.25 10	−2.39
5	B					8.8	8.9	8.85 01	−2.42
6	B	0.6	3.6 10		3.38	9.6	9.4	9.50 12	−2.52
7	3.9 3.7		3.9 01		3.56	9.9	·		−2.44
8	5.6 5.4	5.1	5.35 23		2.68	J			
9	6.9 6.7 6.80 11	6.7	6.80 00 04		1.94				
10	6.9 6.7 6.80 00	6.9	7.20 7.05	15 15	1.83				
11		7.8	8.2 8.00	22	1.36				
12		8.4	8.3 8.35	01	1.23				
13		9.2	8.75 8.98	22 23	1.10				
14		9.3	8.7 9.00	3 3	1.24				
15		9.5	9.4 9.45	10	1.19				
16	9.8 9.75 01	9.7	9.70 9.72	0302	1.22				
17	9.9 9.85 10	9.8	9.60 9.72	1312	1.32				
18		J							

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Scale m MC 9243 (cont) diffraction images

	Sc 1	Sc 2	Sc 1	Sc 2		
	g		h			
1	M.P.		M.P.			
4	8.7p	8.70	8.7p			-1.84
5	8.9	9.10 (2 2)	9.3p	8.65	8.88 (22 23)	-1.45
6	9.7	9.75 (1 0)	9.8	9.55	9.65 (10 10)	-1.67
7	M		9.9	9.80	9.85 (05 05)	-1.39
				9.85		-1.82

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Friday, November, 10, 1916

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Scale m mc 9244 D12 23 00 −15.0 Alt. corr −.10

	Sc 1	Sc 2	Cu	magn	Sc 1 P.C.	Sc 2	Cu	magn
1	4.7 4.5		2.98	7,68		9.7	-2.45	7,25
2	B					8.4	-2.38	6,02
3	3.9 3.7		3.35	7,25		9.5	-2.45	7,05
4	5.6 5.4		2.50	8,10		7		
5	3.6 3.4		3.48	7,08		9.5	-2.45	7,05
6	5.3 5.1		2.67	7,97		7		
7	5.5 5.3		2.55	8,05				
8	6.3 6.1		2.13	8,43				
9	6.8 6.6		1.88	8,68				
10	6.4 6.2		2.07	8,47				
11	7.0 6.8		1.80	8,80				
12	6.9 6.7	7.05 10 7.2	1.78	8,83				
13	6.5 6.3	6.55 10 6.6	2.00	8,55				
14		8.4	1.25	9,65				
15		8.3	1.28	9,58				
16		8.2	1.30	9,50				
16a		9.1	1.18	10,28				
17		9.6	1.25	10,85				
18		8.9	1.20	10,10				
19		9.4	1.22	10,62				
20		9.6	1.25	10,85				
21		9.1	1.18	10,28				
22		9.8	1.28	11,08	Images poor - very hazy			
23	9.9 9.90 00	9.9	1.30	11,20				
24	7	7						
25	7	7						
26	9.8 9.85 01	9.9	1.29	11,14				

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Friday, November. 10, 1916

Scale m mc 9244 (cont.) diffraction image

	Sc 1 Sc 2 g	Sc 1 Sc 2 h	Cu	magn
1	9.8	9.80 00 9.8	-1.36	7.42
2	8.4	8.45 01 8.5	-2.63	5,82
3	9.6	9.65 01 9.7	-2.42	7,23
4	9.9	〃	-2.35	7,55
5	9.6	9.55 01 9.5	-2.46	7,09
6	〃	9.9	-2.35	7,55
7	〃	9.9	-2.35	7,55

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1916phae.proj.10021

YELLOW

Friday, November 10, 1916

Copied 13 22 : 136

Scale m MC 9246 R Pegasi 23 00 +10,0 Alt. corr +.08

	Sc 1	Sc 2	Cu	Magn	Sc 1 P.C.	Sc 2	Cu	Magn
a	B					7.9	-2.30	5.60
b	Bp					8.8p	-2.42	6.38
c	B					8.8	-2.42	6.38
d	off plate							
e	4.7 (4.9)		2.88	7.78		9.6	-2.45	7.15
f	4.5p (4.7)		2.98	7.68		9.5	-2.45	7.05
g	5.3p. (5.5)		2.55	8.05		9.8	-2.45	7.35
h	6.4 (6.6)	6.60 oo	6.6	1.98 (9)	8.58	?		
k	6.3 (6.5)	6.60 11	6.7	1.98	8.58			
l			7.4	1.63	9.03			
m			7.4	1.63	9.03			
n			8.1	1.36	9.46			
o			8.3	1.27	9.57			
p			8.7	1.21	9.91			
q			9.1	1.19	10.29			
r			9.2	1.20	10.40			
s			9.4	1.22	10.62			
t			9.8	1.28	11.08			
u	9.8 (9.80 oo)		9.8	1.28	11.08			
w	?		9.9	1.30	11.20			

Images very poor

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Friday, November 10, 1916

Scale m MC 9246 (cont.) diffraction images

	Sc1Sc2 g	Sc1Sc2 h	Cu	magn
a	D.P.	D.P.		
b	8.9	8.90 00	8.9	-2.59	6.31
c	8.7	8.75 1°	8.8	-2.61	6.14
d					
e	9.6	9.70 11	9.8	-2.42	7.28
f	9.7	9.70 00	9.7	-2.42	7.28
g	9.8	9.80 00	9.8	-2.38	7.42
h	9.9	9.90 00	9.9	-2.34	7.56

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YELLOW

Friday, November 10, 1916

Scale m mc 9247 n G.C. 7654 23 20 +60.0 Alt. cor. +.11

	Sc. 1	Sc. 2			
1	5.3 (5.15)			2.55	8.05
1a	5.6 (5.8)			2.38	8.18
2	4.6 (4.8)	4.75 (01)	4.7	2.94	7.69
3	6.7 (6.9)	6.85 (10)	6.8	1.87	8.72
3a			7.4	1.62	9.02
3b			7.7	1.50	9.20
4			8.5	1.24	9.74
4a			9.1	1.19	10.29
5			8.5	1.24	9.74
6			9.3	1.20	10.50
7			9.3	1.20	10.50
8	9.2 (9.20)		9.2	1.19	10.39
8a	9.7 (9.70)		9.7	1.26	10.96
9			7		
Var 518			8.8	1.20	10.08

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1916phae.proj.1022L

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YELLOW

Friday, November 10, 1916

Scale m MC 9248 Pole

	Sc.1	Sc.2		Sc.1	P.C.	Sc.2
				6.3		
1				6.1	$6.35^{\pm 0}$	6.4
4						8.2
5	B					8.9
6	3.6 3.4					9.4
7	~~B.P.~~					7
8	5.1 4.9					
9	6.9 6.7	$6.80^{\pm 1}$	6.7			
10	7.6 6.9	$7.20^{\pm 1}$	7.3			
11			8.2			
12			8.3			
13		8.6 $8.75^{\pm 1}$	8.9			
14			8.7			
15			9.4			
16		$9.7^{9.70\pm 0}$	9.7			
17		$9.5^{9.60\pm 1}$	9.7			
18		7	7			

See page 195

Plate badly fogged

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Friday, November 10, 196

YELLOW

Scale m mc 9248 (cont.) diffraction images

	Sc.1 Sc.2 g	Sc.1 Sc.2 h
1	J.P	J.P
4	J.P	J.P
5	8.6 8.65-01	8.7
6	9.5 9.55-10	9.6
7	9.8 9.80-00	9.8
8	9.9 9.85-10	9.8

3.25

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YELLOW

Wednesday, November 22, 1916

10.30

Series mc 193

Scale m MC 4755 Pole

4760 p209

diffraction images

	Sc 1	Sc 2					Sc 1	Sc 2			
	3.9										
5	3.7		37	380 (12)	2,63		g				
	4.8										
6	4.6		4.5	4.65 (21)	2,335		9.4	9.45 (01)		9.5	9.30 9.38 (07 05) -2.95
	5.7										
7	5.5	5.70 (00)	5.7	5.4 (50) 5.60 (10 10)	1,866		9.9			9.80	9.85 (05 05) -2.87
	6.8										
8	6.6	6.75 (01)	6.7	6.65 6.70 (05 05)	1,33						
9			7.9	7.7 7.80 (11)	0,94						
10			7.9	7.8 7.85 (10)	1,03						
11			8.6	8.6 8.60 (00)	0,76						
12			8.9	8.7 8.80 (11)	0,78						
13			9.3	9.2 9.25 (10)	0,83						
		9.55 (01)									
14		9.6 9.5	9.4	9.48 (07 08)	0,76						
		9.85 (10)									
15		9.9 9.8	9.70	9.78 (07 08)	0,86						
16			g	9.9	1,04						
17											
18											

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Wednesday, November 22, 1916

YELLOW

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Scale m mc 4756 D2 3h 00m − 15.0 Dec. corr −.18

	Sc 1	Sc 2	Cu	Magn	g Sc 1	g Sc 2	diff.	magn	h Sc 1	h Sc 2	Cu	Magn
1	4.0 3.8		2.58	6.58	9.9	9.90	00		9.9		−2.85	7.05
2	5.7 5.5		1.80	7.50	〃				〃			
3	B				9.6p	9.60	00		9.6		−2.90	6.70
4	6.8 6.6		1.32	8.12	〃				〃			
5	4.1 3.9		2.53	6.63	9.9				〃		−2.85	7.05
6	5.9 5.7		1.70	7.60	〃				〃			
7	6.6 6.4		1.40	8.00								
8	5.8 5.6	5.75 01	5.7	1.77	7.52							
9	7.0 6.8	7.05 01	7.1	1.24	8.29							
10			8.3	0.86	9.16							
11			8.3	0.86	9.16							
12			8.4	0.84	9.24							
13			8.9	0.77	9.67							
14			9.3	0.80	10.10							
15			9.8	0.95	10.75							
16			9.2	0.77	9.97							
17			9.7	0.90	10.60							
17a		9.90 00 9.9	9.9	0.98	10.88							
18			n.s									
19		〃	9.9	0.98	10.88							

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Wednesday, November 22, 1916

YELLOW

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Scale m MC4757 C2 $2^h\ 59^m + 15^\circ.0$ cal. corr +.06

	Sc 1	Sc 2	Cu	Magn	Sc 1	Sc 2 diff. images	Sc 1	Sc 2	Cu	Magn
1	4.3 (4.5)		2.37	6,87	7		7			
2	4.7 (4.9)		2.18	7,08	7		7			
3	3.7 (3.9)		2.61	6,51	9.2	9.25 01	9.3		-2.98	6,27
4	5.9 (6.1)		1.60	7,70	7					
5	4.7 (4.9)		2.18	7,08	7					
6	5.8 (6.0)	6.15 31	6.3	1.58	7,73					
7			7.6	1.04	8,64					
8			7.7	1.01	8,71					
9	6.3 (6.5)	6.30 00	6.5	1.44	7,94					
9a			9.4 (9.7)	1.12	8,52					
9b			7.6	1.04	8,64					
9c			7.5	1.07	8,57					
10			8.2	0.88	9,08					
11			7.8	0.98	8,78					
12			8.7	0.77	9,47					
12a			9.3	0.80	10,10					
13			8.8	0.77	9,57					
14			9.9	0.98	10,88					
15			9.8	0.95	10,75					
16	9.8	9.85 01	9.9	0.97	10,82					
17	7	7								
18	9.6	9.50 11	9.4	0.85	10,35					
19	7	7								

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Wednesday, November 22, 1916

YELLOW

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Scalem mc 4758 B, 1h 20m +45.0 Alt. corr +.05

	Sc.1	Sc.2	Cu	Magn	Sc.1	Sc.2 diff. imges	Sc.1	Sc.2	Cu	Magn
1	J.P.				J.P		J.P			
2	4.9p		2.10	7,20	J.P		J.P			
3	B				9.8	9.70 11	9.6		-2.88	6.82
4	5.6		1.75	7,55	〃		〃			
5	6.6		1.32	8,12						
6	6.3		1.44	7,94						
7	6.8	7.05 01	7.1	1.22	8,27					
8	5.3	5.55 10	5.6	1.86	7,41					
8a			7.7	1.01	8,71					
9			7.7	1.01	8,71					
10			8.6	0.80	9,40					
11	6.7	6.80 11	6.7	1.32	8,12					
12			8.1	0.90	9,00					
13			7.4	1.10	8,50					
14			7.7	1.01	8,71					
15			8.5	0.83	9,33					
16			9.5	0.85	10,35					
17			8.9	0.77	9,67					
17a			9.3	0.80	10,10					
18	9.9	9.90 00 9.9		0.98	10,88					
19	9.9	〃		0.98	10,88					
20										
21	9.1	8.9		0.76	9,76					

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Wednesday, November 22, 1916

YELLOW

Rapid B23:28

Scale m mc4759 B2 $4^h\,00^m + 45^\circ.0$ Alt. corr +.12

	Sc.1	Sc.2	Cu	Magn	diff. images Sc.1	Sc.2	Cu	Magn
1	5.1 4.9		2.10	7,20	7	7		
2	5.8 5.6		1.75	7,55				
3	6.3 6.1		1.53	7,83				
4	5.6 5.4		1.84	7,46				
5	6.8 6.6		1.30	8,12				
6	7.1 6.9	7.15 +.10 7.2	1.20	8,35				
7	5.4 5.2	5.50 +.1 5.6	1.90	7,40				
8		7.6	1.05	8,65				
9		7.7	1.00	8,72				
10		7.8	0.98	8,78				
11	7.1 6.9	7.20 +.1 7 6.3	1.19	8,39				
12		8.5	0.83	9,33				
13		8.6	0.80	9,40				
14		8.5	0.83	9,33				
15		9.2	0.77	9,97				
16		7.9	0.96	8,86				
17		8.9	0.77	9,67				
18		9.4	0.80	10,20				
19		n.s						
20	9.9	9.90 oo 9.9	0.98	10,88				
21		n.s						
22		n.s						
23	9.5	9.50 oo 9.5	0.83	10,33				
24	7	9.9	0.98	10,88				

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Wednesday, November 22, 1916

YELLOW

Scale m MC 4760 Pole

	Sc. 1	Sc. 2
5	3.5 (3.7)	
6	4.3 (4.5)	
7	5.2 (5.4) 5.50 11	5.6
8	6.4 (6.6) 6.65 01	6.7
9		7.7
10		7.8
11		8.6
12		8.7
13		9.2
14		9.4
15	9.7 (9.70 00)	9.7
16	7	9.9
17		7

diff. images Sc 1	h Sc 2
9.3	9.3
9.30 00	
9.8	9.8
9.80 ..	
7	7

See page 204

Badly Scratched 11.50

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1916phae.proj.1022L

YELLOW

1.10

Friday, November 24, 1916

Series mc 193

Scale mv mc 4760 Pole

	Sc 1		Sc 2	4766 p217			8 diff. images Sc 1	Sc 2	Sc 1	Sc 2		
5	3.7 3.5			3.8	3.75 10	2,68	9.1	9.15 10	9.2	9.25	9.20 05 05	-2,77
6	4.8 4.6			5.1	4.95 21	2,03	9.7	9.70 00	9.7	9.85	9.78 05 07	-2,80
7	5.5 5.3	5.50 00	5.5	5.65	5.58 08 07	1,84	7		7			
8	6.6 6.4	6.60 00	6.6	6.75	6.68 08 07	1,35						
9			7.7	7.8	7.75 10	0,99						
10			7.7	8.1	7.90 20	0,98						
11			8.5	8.6	8.55 10	0,81						
12			8.7	8.9	8.80 11	0,78						
13			9.2	9.3	9.25 01 10	0,83						
14	9.3	9.30 00	9.3	9.3	9.30 00 00	0,94						
15	9.7	9.65 10	9.6	9,80	9.72 07 08	0,92						
16	9.9		7	9.9	9.90 00	1,04						
17			7									

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1916phae..proj..1022L

Friday, November 24, 1916

YELLOW

Scale m MC 4762 DM 6 00 +20 Cir. corr +.10

	Sc 1	Sc 2	Cu	Magn	diff. images Sc 1 g	Sc 2	Sc 1 th g	Sc 2	Cu	Magn
2	B				6.6 6.4	6.65	6.7 6.5		~~1.35~~	
B	4.4	4.75	4.9	2.22		9.8	9.75	9.7	-2.80	6.95
Y	5.1	6.40	5.5	1.92		7		7		
8			7.4	1.10						
1			8.1	0.91						
1a			8.2	0.90						
2			7.9	0.96						
3			9.1	0.84						
4			9.5	0.90						
5	9.8	9.85	9.9	1.00						10.85
6	7		9.9	1.02						10.92
7										
8	9.9	9.90	9.9	1.02						10.92

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Scale m MC4762 RZ Gemin. $6^h\ 0.^m0\ +20.^\circ0$ Cat. corr +.10

	Sc 1	Sc 2	Cu	Magn
a		8.4	0.86	9.26
b		9.1	0.84	9.94
c		9.8	1.00	10.80
d		J		

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Friday, November 24, 1916

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Scale m MC 4763 B 3 $6^h\ 40^m + 45.^\circ 0$ Alt. corr +.12

	Sc 1	Sc 2	Cu	Magn	Sc 1 g Sc 2	Sc 1 h Sc 2	Cu	Magn
1	B				9.1	9.00 11 8.9	-2.73	6.27
2	B				9.1	9.15 10 9.2	-2.77	6.38
3	4.6 4.4 p		2.30	6.90	J	J		
4	5.6 5.4		1.83	7.43	9.9	9.90 00 9.9	-2.80	7.10
5	3.8 3.6		2.69	6.49	9.4	9.35 01 9.3	-2.78	6.57
6	6.0 5.8		1.65	7.65	J	J		
7	6.6 6.4	6.65 01 6.7	1.37	8.02				
7a		7.6	1.04	8.64				
8	7.0 6.8	7.10 11 7.2	1.20	8.30				
9	6.7 6.5	6.70 00 6.7	1.35	8.05				
10		8.7	0.83	9.53				
11		8.2	0.89	9.09				
12		8.1	0.91	9.01				
13		8.4	0.86	9.26				
14		8.5	0.85	9.35				
15		8.6	0.84	9.44				
16		8.6	0.84	9.44				
17		9.3	0.86	10.16				
18		8.4	0.86	9.26				
19		9.4	0.87	10.27				
20		J						
21		9.8	1.00	10.80				

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YELLOW

Friday, November 24, 1916

Cepid B 20:108

Scalem MC 4764 Nova Gemin. no. 1 $6^h\ 40^m + 30.0^\circ$ Qlt. corr +.11

	Sc 1	Sc 2	Cu	Magn
a	4.9 / 6.8		2.16	7.06
b	6.6		1.30	8.10
c	6.86 / 6.8	6.80 00	1.30	8.10
d		8.1	0.91	9.01
e	6.1 / 5.9	6.00 11	5.9 1.64	7.64
f		8.4 ~~8.9~~	0.86	9.26
g		7.7	1.01	8.71
h'		7.8	0.99	8.79
f'		8.8	0.83	9.63
k		8.2	0.89	9.09
l		9.5	0.90	10.40
l'		9.8	1.00	10.80
m		9.2 ~~9.9~~	0.85	10.05
n		9.9 9.90 00	9.9 1.02	10.92
o		7 7		
p		9.9 9.90 00	9.9 1.02	10.92

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Friday, November 24, 1916

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Scale m MC 4764 X Geminorum $6^h\ 40^m + 30.0^\circ$ Alt. cor +.11

	Sc. 1	Sc. 2	Av	Magn
a	common to both			
b	6.3 (6.5) 6.35 (12)		6.2	1.50	7,85
c	6.7 (6.9) 6.85 (10)		6.8	1.28	8,13
d			7.4	1.09	8,49
e			8.5	0.86	9,36
f			8.9	0.83	9,73
g			9.1	0.84	9,94
h			9.3	0.86	10,16
k	9.9 (9.90 00)	9.9	1.02	10.92
l	9.8 (9.85 01)	9.9	1.00	10.858
m	9.8 (9.85 01)	9.9	1.00	10.85

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Friday, November 24, 1916

YELLOW

Scale m MC 4765 Dm $6^h\ 40^m + 25.0$ Obs. corr + .11

	Sc 1	Sc 2	Cu	Magn	Sc 1 g	Sc 2	Sc 1 f	Sc 2	Cu	Magn
A	4.6 4.4		2.30	6.90		9.5	9.55 10	9.6	-2.80	6.75
B	6.6 6.4	6.50 11 6.4	1.44	7.94		7		7		
1		8.6	0.84	9.44						
1a		8.6	0.84	9.44						
1b		9.2	0.85	10.05						
2		7.6	1.03	8.63						
2a		7.7	1.01	8.71						
3		8.1	0.91	9.01						
4		9.2	0.84	10.04						
4a		9.4	0.87	10.27						
5	9.5 9.45 10	9.4	0.89	10.34						
6	9.9 9.90 ∞	9.9	1.02	10.92						

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1916phae.proj.1022L

Friday, November 24, 1916

YELLOW

Scale m mc 4766 Pole

	Sc.1	Sc.2	Sc.1 g	Sc.2	Sc.1 h	Sc.2
5	3.6 (3.5)		9.2	9.25 01	9.3	
6	4.9 (5.1)		9.8	9.85 01	9.9	
7	5.4 (5.6)	5.65 01 5.7	7		7	
8	6.6 (6.8)	6.75 01 6.7				
9		7.8				
10		8.1				
11		8.6				
12		8.9				
13		9.3				
14		9.3				
15		9.80 00 9.89.8				
16		9.97				
17						

See page 210

2.25

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1916phae.proj.1022L

Wednesday, March 13, 1918

10.40

RT Lacertae (215743)

J 18629	AC 6515
10.4	10.4
J 19246	AC 6840
10.5	10.4
J 20051	AC 6922
10.5	10.6
AC 1900	AC 8938
10.8	10.4
AC 3068	AC 10738
10.5	9.6
AC 4323	AC 12249
10.5	10.8
AC 4389	AC 14533
10.6	10.4
AC 5285	AC 15499
10.8	10.2
AC 5607	AC 16131
10.5	10.4

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Wednesday, March 13, 1918

RT Lacertae

AC 16860
10.6

AC 17790
10.4

AC 17884
9.8

AC 16401
10.8

AC 6989
10.2

AC 5270
10.8 p

AC 3104
10.5

11.20

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Wednesday, March 13, 1918

R T Lacertae

~~AC 8938~~

AC 1900

no reason for difference

AC 3068

no reason for diff.

AC 3104

may have taken

wrong star. south up

AC 4323

no reason for diff.

AC 4389

no reason for diff.

AC 5270

very poor image

AC 5285

may have taken

wrong star south up

AC 5607

no reason for diff.

AC 6515

no reason for diff.

AC 6840

no reason for diff

AC 6922

no reason for diff.

AC 6989

no reason for diff.

AC 8938

no reason for diff.

AC 10738

~~dim~~ reject 10.5 wrong star estimated

AC 12249

poor image

AC 14533

no reason for diff.

AC 15499

no reason for diff.

AC 16131

poor image

AC 16401

must have taken wrong star south up

AC 16860

no reason for diff.

AC 17790

no reason for diff.

AC 17884

no reason for diff.

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