KG
11365
998

KG11365.998

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KG 11365-998

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June 2, 1915

Sc 8

9 45 a 11055 E1 (1st Exp.) m

		Se 1	Se 2		PC
	1	B			
Too faint for C	2				
	3	3.5 3.8			not comp
	4	3.8 4.1 3.85 0 1	3.9		8.5 ?
Too faint for C	5		~~3.9~~		
	6		3.9		
" " " "	7				
" " " "	8				
Too faint for C	9				
" " " "	10				
" " " "	11				
" " " "	12				
	13		5.40 1 1 5.3 5.5		
	14		5.80 1 1 5.9 5.7		
	15		6.10 0 0 6.1 6.1		
	16		6.15 0 1 6.2 6.1		
	17		6.40 1 1 6.3 6.5		
	18		7.25 1 0 7.3 7.2		
	19		7.7		
	20		8.0		
	21		7.9		
	22		8.40 1 1 8.3 8.5		
	23		8.8		
	24		9.0		
	25		9.0		
	26		f		
	27		n.s.		
	28		n.s.		

June 2, 1915

Sc B

		a 11055	E1	2d Exp.	8m
		Sc 1	Sc 2		pc 9.00 1.1
	13	3.7 34			8.9 9.1
	14	38 4.1 3.80 0 0	3.8		
	15		3.80 1.1 3.9	3.7	
	16		3.9		
	17		4.1		
	18		4.9		
	19		5.3		
	20		5.3		
	21		5.7		
	22		6.1		
	23		6.3		
	24		6.7		
	25		6.9		
	26		7.1		
	27		7.7		
	28		8.0		
	29		8.1		
	30		8.2		
	31		8.3		
	32		8.5		
Sl- exp.	33				
	34		8.9		
	35		9.05 0 1 9.0	9.1	
	36		9.2		
	37		9.3		
	38		9	—	
	3				6.5
	4				6.9

June 2, 1915

Sc 8

A 11055 E1 3d Exp. 64m

	Se 1 B	Curv 8m	Curv Corr.	Se 2	Curv 1m	Curv Corr.	Pc
3							4.60 1.1 4.5 4.7
4							5.0
13	2.6 2.9						7.3
14	2.8 3.1						7.7
15	2.8 3.1						7.9
16	2.9 3.2						8.1
17	3.0 3.3						8.3
18	3.2 3.5						9.0
19	3.5 3.8						
20	3.6 3.9						
21	3.4 3.7						
22				3.95 0.1 4.0 3.9			
23				4.0			
24				4.25 0.1 4.2 4.3			
25				4.3			
26		6.40	1.88	4.7			
27		6.30	1.83	5.2			
28		6.17	1.78	5.7			
29		6.13	1.77	5.9			
30		6.11	1.73	6.00 1.1 5.9 6.1			
31		6.05	1.71	6.3			
32		6.05	1.71	6.3			
33		5.99	1.68	6.6			
34		5.97	1.66	6.7			
35		5.90	1.61	7.05 0.1 7.0 7.1			
36		5.80	1.55	7.5			
37		5.78	1.53	7.60 1.1 7.5 7.7			
38		5.72	1.51	7.9			

		Curv 8m Corr	1m Corr
39	7.95 1.0 7.9 8.0	5.62	1.50
40	7.9	5.62	1.51
41	8.00 1.1 8.1 7.9	5.61	1.50
42	8.8	5.54	1.38
43	9.0	5.52	1.36
44	9.05 0.1 9.0 9.1	5.51	1.35
45			

Fr images large & hazy

11.05

June 2, 1915

Se8

11 15 A 11055 E1 4th Eff. 1m

	Se1	Se2	P.4	Diff
13		6.1	5.40	0.70
14		6.7	5.80	0.90
15		6.95 1.0 6.9 7.0	6.10	0.85
16		7.0	6.15	0.85
17		7.1	6.40	0.70
18		7.95 1.0 7.9 8.0	7.25	0.70
19		8.7	7.70	1.00
20			Reg. def.	
21		9.1?	7.9	
22			Scr. 8.40	
23			8.8	
24			9.0	
25			9.0	
26			7	
27			n.s.	
28			n.s.	
29				
3	3.5 3.8		3.5	
4	3.8 4.1 3.80 0 0	3.8	3.85	

Adopt readings on page 4. Reject those on this page.

11.20

June 3, 1915

Sc 8

10 45 a 10646 E 3 3^{d} Eff. 64^{m}

		Sc 1	Sc 2			
Im. p.f.	1					29 72
Too faint fr C	2					7.60 11 30 75 77
" " " "	3					8.10 00 31 8.1 81
" " " "	4					8.10 00 32 8.1 8.1
	5	20 23		2.0	77	8.60 11 33 8.5 8.7
	6	24 27	21 24	2.25 21	79	8.95 10 34 89 90
	7	24 27		2.4	80	9.40 11 35 93 95
	8	28 31	26 29	2.70 11	860 11 85 87	
	9	28 31		2.8	near br. st.	
Too faint fr C	10			.		
" " " "	11			.		
	12	30 33		3.0		
	13	tp		.		
	14	34 37		3.4		
	15	36 39	34 37 3.50 11	3.50		
Too faint fr C	16					
" " " "	17					
	18		[illegible] 4 5.0	4.0		
	19		5.05 10 5.1	50 5.05		
	20		4.2	4.2		
	21		4.2	4.2		
	22		4.4	4.4		
	23		5.05 10 5.1	5.0 5.05		
	24		5.9	5.9		
	25		5.7	5.7		
	26		6.0	6.0		
	27		6.60 11 6.5 6.7	6.60		
	28		6.8	6.6		

June 3, 1915

Sc 8

A 10646 E3 1st Exp 1m

	1	6.05 6.1	10 60	Reject. Few Images Measured
Too faint C	2			
" " " "	3			
" " " "	4			
	5	6.3		
	6	6.5		
	7	6.5		
	8	7.1		
	9	7.3		
" " " "	10			
" " " "	11			
	12			
	13			
	14			
	15			

The stars of this app are not comp. with scale

June 3, 1915

Sc 8

A 10646 E 3 2d Exp 8m

	1.	3.1 3.4		
	5	3.4 3.7		
	6	3.6 3.9		
	7	3.7 4.0		
	8	4.1 4.4	4.10 0c	4.1
	9			4.7
Too faint C	10			
" " " "	11			
	12			4.9
	13			tp
	14			5.8
	15			6.1
Too faint C	16			
" " " "	17			
	18			6.9
	19			8.1
	20			7.2
	21			7.1
	22			7.60 7.1 7.5 7.7
	23			8.1
	24			9.1

June 3, 1915

Sc 8

a 10646 E3 4th Exp 1m

	5.85 10		pg	mean
1	5.9	5.8	6.05	5.95 10 10
5	6.1		6.3	6.20 ±1
6	6.3		6.5	6.40 ±1
7	6.3		6.5	6.40 ±1
8	6.7		7.1	6.90 ±2
9	7.0		7.3	7.15 ±1
12	7.40 ±1 7.3	7.5	.	7.40 ±.
13				
14				
15				

Reject Two Images Meas.

Ft stars not comp with scale

12 –

June 4, 1915

Sc 8

10 40 A 10860 E4 9 20-45.0 10' Exp.

		Sc 1	Sc 2
	1		4.01 m
Too far fr b	2		
	3		4.3
" " " "	4		
Elong.	5		4.3
Too far fr c	6		
	7		5.1
	8		5.60 1.1 5.5 5.7
	9		6.1
	10		6.1
	11		6.3
	12		6.5
	13		6.0
	14		6.3
	15		6.7
Dbl.	16		
	17		7.1
	18		7.3
	19		7.5
	20		7.60 1.1 7.5 7.7
	21		7.7
	22		" Defective
	23		8.40 1.1 8.3 8.5
	24		9.05 0.1 9.0 9.1 ?
	25		Ser.

June 4, 1915

Plotting Sheet 71

Sc 8

A 10860 E4 2d 8m Exp.

		Sc 1	Sc 2	Diff	Cu.	Magn.
	1	25 2.8		4.52	4.62	7.12
Too faint C	2			.		
	3	28 3.1		5.10	4.75	7.55
" " " "	4			.		
	5	30 3.3		5.04	4.85	7.85
" " " "	6			.		
	7	3.2 3.4 3.30 1 1 3.5 3.7		4.80	4.95	8.25
	8		3.90 1 1 4.0 3.8	4.96	5.20	9.10
	9		4.15 0 1 4.2 4.1	5.07	5.30	9.45
Remeas by O. nov. 10, 16	10		4.1	5.17	5.28	9.38
sc. 1 Sc P.	11		4.1	5.30	5.28	9.38
12. 4.2	12		4.2	5.54	5.32	9.52
13 4.0 4.1	13		3.9	5.87	5.20	9.10
14 4.2	14		4.2	5.54	5.32	9.52
	15		4.4	5.48	5.39	9.79
Dbl.	16			.		
	17		5.0	5.41	5.55	10.55
	18		5.1	5.69	5.57	10.67
	19		5.1	5.46	5.57	10.67
	20		5.4	5.60	5.57	10.97
	21		5.35 0 1 5.4 5.3	5.77	5.58	10.93
	22		6.1	5.31	5.44	11.54
	23		6.2	5.32	5.42	11.62
	24		6.2	5.67	5.42	11.62
	25		6.80 1 1 6.9 6.7	5.46	5.29	12.09
Im sup	26			.		
	27		7.3	5.12	5.19 C' D' not comp with sc.	12.49
	28		7.7	5.15	5.11	12.81
	29		7.8	4.99	5.09	12.89

			Diff	Cu.	Magn.
	8.40 1 1				
30	8.3	8.5	5.11	4.96	13.46
31	F				

June 4, 1915

Plotting sheet 88.

Sc 8

A 10860 E4. 3d. 64m Exp.

		Sc 1	Sc 2	Diff	Cu.	Magn.	PC
	1	B.					5.1
Too faint for C	2						
	3	1.6 1.9		6.00 .			6.3
" " " "	4			.			
	5	1.9 2.2		6.14 .			6.5
" " " "	6			.			
	7	1.7 2.0		6.40 .			6.5
	8	2.3 2.6		6.26 .			7.1
	9	2.7 3.0		6.52	6.42	9.12	7.7
	10	2.8 3.1		6.47	6.49	9.29	
	11	2.9 3.2		6.50	6.57	9.47	
	12	2.9 3.2		6.84	6.57	9.47	
	13	3.0 3.3		6.47	6.67	9.67	
	14	3.0 3.3		6.74	6.67	9.67	
	15	3.0 3.3		6.88	6.67	9.67	
Dbl.	16			.			
	17	3.4 3.7		7.01	$6.\overset{9}{8}8$	10.38	
	18	3.5 3.8		7.29	7.06	10.56	
	19	3.6 3.9 3.60 UO	3.6	6.96	7.15	10.75	
	20	3.7 4.0 3.75 LO	3.8	7.25	7.30	11.05	
	21		3.7	7.42	7.23	10.93	
	22		4.0	7.41	7.52	11.52	
	23		4.0	7.12	7.52	11.52	
	24		4.1	7.77	7.60	11.70	
	25		4.3	7.96	7.68	11.98	
	26		4.7	7.74	7.71	12.41	
	27		4.9	7.52	7.70	12.60	
	28		5.1	7.80	7.68	12.78	

			Diff	Cu.	Magn.
29	5.3		7.64	7.65	12.95
30	6.3		7.52	7.47	13.77
31	6.7		7.36	7.35	14.05
32	7.05 01 7.0	7.1	7.11	7.24	14.29
33	Im sup.				
34	7.3		7.31	7.15	14.45
35	8.0		6.90	6.92	$1\overset{4}{3}.92$
36	8.3		6.61	6.84	15.14
37	8.60 L1 8.5	8.7	6.64	6.75	15.35
38	8.9		6.70	6.67	15.57
39	9.5 ?		6.77?	6.58?	16.08?

June 4, 1915

Plotting sheet 71.

Sc P

a 10860 E4 4th m Exp.

	Sc 2	1st exp.	Mean		Diff.	Cu	Magn.
1	40	4.0	4.00	0 0	3.02	·	
3	43	4.3	4.30	0 0 0	3.60	·	
5	43	4.3	4.30	0 0 0	3.74	·	
7	52	5.1	5.15	0 1	2.95	·	
8	57	5.60	5.65	1 0	3.21	·	
9	6.25 01 62 63	6.1	6.18	07 08	3.04	·	
10	65	6.1	6.30	2 2	2.97	·	
11	65	6.3	6.40	1 1	3.00	·	
12	67	6.5	6.60	1 1	3.14	3.15	9.75
13	63	6.0	6.15	1 2	3.62	'	·
14	660 11 65 67	6.3	6.45	2 1	3.29	·	·
15	69	6.7	6.80	1 1	3.08	3.17	9.97
17	73	7.1	7.20	1 1	3.21 ~~3.00~~	3.15	10.35
18	75	7.3	7.40	1 1	3.39 ~~3.01~~	3.12	10.52
19	760 11 75 77	7.5	7.55	05 05	3.01	3.10	10.65
20	8.1	7.60	7.85	3 2	3.15	3.04	10.89
21	83	7.7	8.00	3 3	3.12	3.01	11.01
22	87	def.	8.7		2.71	2.85	11.55
23	91	8.40	8.75	3 4	2.77	2.83	11.58
24	7	9.05?	9.05?	a	2.82?	2.74?	11.79?

12.30

June 8, 1915

Sc 8

11 00 A 11052 Eq 1st Exp.

		Sc 1		Sc 2	
Too faint for C	1				
" " " "	2				
" " " "	3				
	4	4.4 4.7	4.35 0 1	4.3	
" " " "	5				
	6	4.4 4.7	4.40 0 0	4.4	
	7			4.7	
" " " "	8				
	9			5.0	
" " " "	10				
	11			5.0	
	12			5.35 0 1 5.4	5.3
	13			5.5	
	14			6.00 1 1 5.9	6.1
	15			5.4	
	16			6.05 2 1 6.2	5.9
	17			6.95 1 0 6.9	7.0
	18			6.5	
	19			6.7	
	20			7.2	
	21			7.3	
	22			7.5	
	23			8.1	
	24			8.5	
	25				Too close to another st.
	26			8.60 1 1 8.5	8.7
	27			8.9	
	28			[illegible].5	

June 8, 1915

Sc 8

		a 11052 Eg		7d Eff.	8m		
		Sc1	Sc2		pc		Sc2
Too far fr c	1					29	6.95 1.0 6.9 7.0
" " " "	2					30	7.2
" " " "	3					31	7.5
	4	2.6 2.9			7.1	32	7.7
" " " "	5					33	8.00 1.1 7.9 8.1
	6	2.7 3.0			7.3	34	8.3
	7	3.0 3.3			7.7	35	8.7
" " " "	8					36	n.s
	9	3.2 3.5			Not comp with sc		
" " " "	10						
	11	3.3 3.6					
	12	3.5 3.8					
	13	3.6 3.9					
	14	38 4.1 3.85 0.1	3.9				
	15		3.65 1.0 3.7 3.6				
	16		4.0				
	17		4.60 1.1 4.7 4.5				
	18		4.4				
	19		4.4				
	20		4.9				
	21		5.0				
	22		5.1				
	23		5.55 1.0 5.5 5.6				
	24		6.0				
	25		6.1				
	26		6.3 —				
	27		6.3				
	28		6.60 1.1 6.5 6.7				

Ft images sharper than sc images

June 8, 1915

Sc B

α 11052 Eq 3d. Exp. 64m

	Sc 1	Sc 2	Pc
4	0.8 1.1		5.0
6	0.8 1.1		5.1
7	1.6 1.9		6.00 1 1 5.9 6.1
9	1.9 2.2		6.5
11	2.0 2.3		6.5
12	2.4 2.7		7.0
13	2.4 2.7		6.9
14	2.8 3.1		7.4
15	2.4 2.7		7.20 1 1 7.3 7.1
16	2.8 3.1		7.7
17	3.0 3.3		7.8
18	3.0 3.3		
19	3.0 3.3		
20	3.4 3.7		
21	3.4 3.7		
23	3.8 4.1 3.85 0 1	3.9	
22	3.4 3.7		
24		4.0	
25		3.9	
26		4.0	
27		4.1	
28		4.3	
29		4.7	
30		4.8	
31		5.1	
32		5.1	
33		5.60 1 1 5.7 5.5	
34		6.2	

	35	6.7
	36	7.0
	37	7.3
	38	7.60 1 1 7.5 7.7
W.S	39	7.8 ~~7.5~~
	40	8.3
	41	8.35 0 1 8.4 8.3
	42	8.85 0 1 8.8 8.9
	43	9.00 0 0 9.0 9.0
	44	7.1. ser.
	45	n.s

June 8, 1915

Sc 8

α 11052 Eg 4th Eff

	Sc2	p16	mean		
4	4.3	4.35	4.32	02	03
6	4.3	4.40	4.35	05	05
7	5.0	4.7	4.85	2	1
9	5.3	5.0	5.15	1	2
11	5.3	5.0	5.15	1	2
12	5.80 5.7 5.9	5.35	5.58	22	20
13	6.0	5.5	5.75	2	3
14	6.3	6.00	6.15	1	2
15	5.7	5.4	5.55	1	2
16	6.1	6.05	6.08	02	03
17	7.1	6.95	7.02	08	07
18	6.8	6.5	6.65	2	1
19	7.1	6.7	6.90	2	2
20	7.5	7.2	7.35	1	2
21	7.5	7.3	7.40	1	1
22	7.8	7.5	7.65	2	1
23	8.4	8.1	8.25	2	1
24	8.9?	8.5	8.70?	1	2
25	9.0?	·	9.0?	2	·
26	9.0	8.60	8.80	2	2
27	9.3?	8.9	9.10?	2	2

1.00

~~Omitted time of beginning~~
~~by mistake~~

June 15, 1915

Plotting sheet 87

Sc 8

9 40

1915 Sa - E4 - (Long Eff)

	Sc 1		Sc 2	Diff from measured Grating	Cw.	Magn.
1	$\overset{17}{20}$			5.32		
2	$\overset{17}{20}$			5.81		
3	$\overset{21}{24}$			5,80		
4	$\overset{27}{30}$			5,28		
5	$\overset{29}{32}$			5,14		
6	$\overset{21}{24}$			6.02		
7	$\overset{21}{24}$			6.00		
8	$\overset{28}{31}$			6,06		
9	$\overset{32}{35}$			6.02	5.96	9.16
10	$\overset{33}{36}$			5.97	6.00	9.30
11	$\overset{34}{37}$			6.00	6.04	9.44
12	$\overset{34}{37}$			6.34	6.04	9.44
13	$\overset{35}{38}$			6.27	6.08	9.58
14	$\overset{37}{40}$	$370^{0\ 0}$	37	6.04	6.18	9.88
15	$\overset{36}{39}$	$365^{0\ 1}$	37	6.23	6.15	9.80
16			39	6.30	6.26	10.16
17			41	6.31	$6.\overset{35}{\cancel{26}}$	10.45
18			43	6.49	6.45	10.75
19			41	6.46	6.35	10.45
20			46	6.40	6.58	11.18
21			45	6.62	6.53	11.03
22			49	6.51	6.73	11.63
23			49	6,62	6.73	11.63
24			50	6.87	6.79	11.79
25			53	6.96	6.93	12.23
26			53	7.14	6.93	12.23
27		w.s	$\overset{4}{58}$	7.02	6.96	12.36
28			$\overset{5.80\ 1\ 1}{59}$ 5.7	$7.\overset{10}{\cancel{06}}$	7.02	12.82

Magn.	Cw		Sc 2		+
13.12	7.02	29	6.1		6.84
13.61	7.01	30	$\overset{6.60\ 1\ 1}{6.5}$	6.7	* 7.22
13.99	6.99	31	7.0		7.06
14.18	6.98	32	7.2		6.96
14.28	6.98	33	7.3		6.88
14.55	6.95	34	$\overset{7.60\ 1\ 1}{7.5}$	7.7	7.01
14.93	6.93	35	8.0		6.90
15.03	6.93	36	8.1		6.81
15.23	6.93	37	8.3		6.94
15.69	6.99	38	8.7		6.90
16.04	7.04	39	9.0		7.27
.	.	40	F		

June 15, 1915

Plotting sheet 87.

Sc 9

1915 8a E4 (Short Exp.)

	Sc 1	Sc 2		Diff. from mean and Grating 2	Cu.:	Magn.
1	3.4 3.7			3.62		
2	3.7 4.0 3.80 1 1 0	3.9	3.8	3.71		
3	4.0 4.3 4.03 0 1 0	4.1	4.0	3.87		
4		4.25 1 0 4.3	4.2	3.73		
5		4.40 1 1 4.5	4.3	3.64		
6		4.55 2 1 4.4	4.7	3.57		
7		4.3		3.80		
8		4.95 1 0 4.9	5.0	3.91	3.90	8.85
9		5.20 1 1 5.3	5.1	4.02	4.01	9.21
10		5.3		3 4.97	4.06	9.36
11		5.40 1 1 5.5	5.3	4.00	4.09	9.49
12		5.5		4.24	4.12	9.62
13		5.40 1 1 5.5	5.3	4.37	4.09	9.49
14		5.5		4.24	4.12	9.62
15		5.60 1 1 5.5	5.7	4.28	4.15	9.75
16		6.1		4.10	4.20	10.30
17		6.2		4.21	4.20	10.40
18		6.5		4.29	4.17	10.67
19		6.5		4.06	4.17	10.67
20		6.95 0 1 7.0	6.9	4.05	4.06	11.01
21		7.0		4.12	4.05	11.05
22		7.5		3.91	3.91	11.41
23		7.7		3.82	3.82	11.52
24		Too close to another st.				
25		9.0?		3.26?.	3.71?	12.71?
26		9.0?		—3.44?	3.71?	12.71?
27		F				
28		F				

10 _ 50

Series 414

DeV July 19, 1915

~~10~~ 15 MC7372 Pole

10

	B	C	P.30	Mean.		g	h	P.30	mean	Diff.	PC St.	Sup.	Mean	Diff
5						3.90 00 3.9	3.9	3.80	3.85 05 05	+2.64				
6						4.50 00 4.5	4.5	4.30	4.40 10 10	2.71	5.0	4.8	4.90 11	~~1.59~~ 2.21
8						def.	def.	5.75	5.75 · 2	2.48	6.1	6.1	6.10 00	2.13
9						6.60 11 6.5	6.7	6.25	$6.4\overset{2}{\cancel{4}}$ 16 17	2.41	6.9	6.7	6.80 11	2.03
10	24 25		2.5	2.50 00	+6.52	7.05 01 7.0	7.1	6.70	6.88 17 18	2.14	7.2	7.0	7.10 11	1.92
11	29 30		3.1	3.05 01	6.50	7.50 00 7.5	7.5	7.2	$7.3\overset{5}{\cancel{4}}$ 15 15	2.20	7.7	7.6	7.65 10	1.90
12	3.3 34		3.4	3.40 00	6.46	7.95 10 7.9	8.0	7.60	7.78 17 18	2.08	8.1	8.0	8.05 10	1.81
13	37 38 3.90 11	4.0	3.90	3.90 00 00	6.40	8.30 00 8.3	8.3	8.20	8.25 05 05	2.05	8.7	8.5	8.60 11	1.70
14		4.3	4.4	4.35 10	6.30	8.80 11 8.7	8.9	8.70	8.75 05 05	1.90	9.1	9.0	9.05 10	1.60
15		4.7	4.9	4.80 11	6.28	9.10 00 9.1	9.1	9.1	9.10 00 00	1.98	9.5	9.5	9.50 00	1.68
16		5.2	5.2	5.20 00	6.20	9.40 11 9.3	9.5	9.30	9.35 05 05	2.05	9.8	·	9.8 2 ·	1.60
17		5.5	5.5	5.50 00	6.13	9.70 00 9.7	9.7	9.60	9.65 05 05	1.98	9.9		9.9 2 ·	1.73
18		6.0	6.1	6.05 01	6.01	9.95 10 9.9	10.0	9.75	9.85 10 10	2.21				
19		6.3	6.3	6.30 00	6.12									
20		6.7	6.7	6.70 00	6.03									
23		7.2	7.3	7.25 01	6.09									
25		8.0	8.0	8.00 00	5.87									
26		8.5	8.5	8.50 00	5.83									
27		9.0	8.9	8.95 01	5.74									
28		9.5	9.5	9.50 00	5.61									
29		9.9	9.9?	9.90 00	5.76									

Series 414 Copied B 8 :25–27 Card.

SeV July 10, 1915

~~to~~ ~~+5~~ MC 7373 B3

Alt corr. +.23

		B	C	Curve	Magn.	Pc	Curve	Magn.
Too faint c	1			.	.	44	.	.
	2	B n.		.	.	4.7 4.5 4.60^{11}	.	.
" " " "	3			.	.	5.1	+2.19	7.29
	4	B n.		.	.	5.8 5.5 5.65^{-21}	2.15	7.80
	5	B n.		.	.	5.5	2.17	7.67
	6	2.0 2.1		.	.	5.9	2.13	8.03
	7	1.8 1.9		.	.	5.9	2.13	8.03
	7a	2.0$^{2.1}$ 1.8 1.9	2.00^{11}	.	.	6.1	2.11	8.21
	8	2.2 2.3		.	.	6.7	2.03	8.73
	9	2.4 2.5		+6.53	9.03	7.0	1.98	8.98
	10	2.9$^{3.0}$ 2.7 2.8	2.90^{11}	6.50	9.40	7.2	1.94	9.14
	11	3.1 3.2		6.47	9.67	7.7	1.85	9.55
	12	3.3 3.4		6.46	9.86	8.0	1.79	9.79
	13	3.7 3.8 3.85^{01}	3.9	6.39	10.24	8.3	1.75	10.05
	14	3.9 4.0 4.00^{00}	4.0	6.37	10.37	8.7 8.5 8.60^{12}	1.69	10.29
	15		4.1	6.36	10.46	8.9	1.64	10.54
	16		4.6	6.29	10.89	9.5	1.61	11.11
	17		4.2	6.35	10.55	8.9	1.64	10.54
	18		4.3	6.34	10.64	9.0	1.62	10.62
	19		4.8	6.27	11.07	Close to another st		
	20		5.1	6.22	11.32	9.8	1.63	11.43
	21a		5.5	6.15	11.65			
	21b		5.5	6.15	11.65			
	22		6.1	6.08	12.18			
	22a		6.5	6.05	12.55			
	23		6.7	6.02	12.72			
	24		7.0	5.99	12.99			
	25		7.2	5.96	13.16			
	26		7.1	5.98	13.08			

			Curve	Magn.
27	7.2		+5.96	13.16
28	7.5		5.92	13.42
29	7.7		5.89	13.59
30	7.7		5.89	13.59
31	8.0		5.86	13.86
32	8.3		5.82	14.12
33	8.3		5.82	14.12
34	9.5	9.1 9.30^{22}	5.72	15.02
35	9.7		5.68	15.38
36	9.9		5.66	15.56

Series 414

S.V. July 10, 1915

	MC 7373				Diff Curve abt. corr. + 2.3	Magn.
1	3.9	$\overset{00}{3.90}$	3.9	h	+2.66	6.56
2	4.1	$\overset{00}{4.10}$	4.1		2.66	6.76
3	4.3	$\overset{12}{4.45}$	4.6		2.65	7.10
4	5.0	$\overset{01}{5.05}$	5.1		2.59	7.64
5	5.0	$\overset{00}{5.00}$	5.0		2.60	7.60
6	5.3	$\overset{00}{5.30}$	5.3		2.55	7.85
7	5.5	$\overset{00}{5.50}$	5.5		2.52	8.02
7a	5.7	$\overset{11}{5.80}$	5.9		2.48	8.28
8	6.2	$\overset{00}{6.20}$	6.2		2.42	8.62
9	6.5	$\overset{11}{6.60}$	6.7		2.34	8.94
10	7.1	$\overset{00}{7.10}$	7.1		2.24	9.34
11	7.3	$\overset{00}{7.30}$	7.3		2.20	9.50
12	7.7	$\overset{00}{7.70}$	7.7		2.14	9.84
13	7.9	$\overset{10}{7.95}$	8.0		2.09	10.04
14	8.0	$\overset{a.}{8.00}$	long		2.08	10.08
15	8.5	$\overset{a.}{8.50}$	Too close to another im.		2.01	10.51
16	9.0	$\overset{00}{9.00}$	9.0		1.98	10.98
17	8.3	$\overset{00}{8.30}$	8.3		2.04	10.34
18	8.7	$\overset{a.}{8.70}$	defective		1.99	10.69
19	9.0	$\overset{01}{9.05}$	9.1		1.98	11.03
20	9.5	$\overset{11}{9.60}$	9.7		1.99	11.59
21a	9.7	$\overset{a.}{9.70}$	7		2.00	$\underline{11.70}$
21b	9.7	$\overset{00}{9.70}$	9.7		2.00	$\underline{11.70}$

Sirius 414 Copied B8: 66 + 166

DeV July 19, 1915

MC 7374 b4

Alt. corr. +.17

			Curve	Magn.	PC	Curve	Magn.
1	B		·	·	4.3	·	·
2	B		·	·	5.1	2.19	7.29
3	B		·	·	5.1	2.19	7.29
4	B		·	·	Im sup.		·
4a	1.8 1.9		·	·	5.90 1:1 6.0 5.8	2.13	8.03
5	1.8 1.9		·	·	6.30 1:1 6.4 6.2	2.08	8.38
6	2.1 2.2		·	·	6.20 1:1 6.3 6.1	2.09	8.29
7	2.3 2.4		+6.53	8.93	7.0	1.98	8.98
8	2.3 2.4		6.53	8.93	6.85 2:1 7.0 6.7	2.00	8.85
9	2.8 2.9		6.50	9.40	7.3 ? Im sup.	1.93	9.23?
9a	2.9 3.0		6.49	9.49	7.7	1.85	9.55
10	3.1 3.2		6.47	9.67	8.1	1.77	9.87
11	3.2 3.3		6.46	9.76	8.1	1.77	9.87
12	3.4 3.5		6.44	9.94	8.35 1:2 8.5 8.2	1.74	10.09
13	3.5 3.6		6.43	10.03	8.5	1.71	10.21
14	4.0 4.1 4.15 ±0	4.2	6.36	10.51	8.7	1.67	10.37
15		4.4	6.33	10.73	9.1	1.61	10.71
16		4.7	6.28	10.98	9.5	1.61	11.11
17		5.1	6.22	11.32	9.8	1.64	11.44
18		5.60 ±1 5.5 5.7	6.14	11.74			
19		6.1	6.08	12.18			
20		6.5	6.04	12.54			
21		6.2	6.07	12.27			
22		6.7	6.02	12.72			
23		6.60 1:1 6.5 6.7	6.03	12.63			
24		7.7 —	5.89	13.59			
25		7.8	5.89	13.69			
25a		7.7	5.89	13.59			
25b		Im sup	·				

26	7.95 0.1 8.0 7.9	+5.87	13.82
27a *	7.8	5.88	13.68 *
27b *	8.2	5.83	14.03
28	9.0	5.74	14.74
29	9.3	5.71	15.01
30	F		
31			
32			
33			
34			
35			
36			
37			

Resume *27a 8.8 5.76 14.56*
27b 9.2 5.71 ~~[illegible]~~

Card.

Series 414

SeV

July 10, 1915

MC 7374 b 4 Cont'l Diff. alt. corr. +.17

	g		h	Curve	Magn.
1	4.3	4.30^{00}	4.3	+2.66	6.96
2	4.9	4.90^{00}	4.9	$2.\overset{6}{5}1$	7.51
3	4.9	4.95^{10}	5.0	2.61	7.56
4	5.2	5.25^{01}	5.3	2.56	7.81
4a	5.5	5.50^{00}	5.5	2.52	8.02
5	6.0	6.05^{01}	6.1	2.44	8.49
6	6.1		along	2.43	8.53
7	6.2	6.20	"	2.42	8.62
8	6.5		"	2.36	8.86
9	7.1		"	2.24	9.34
9a	7.3		"	2.20	9.50
10	7.7		"	2.13	9.83
11	7.5		"	2.16	9.66
12	7.9		"	2.09	9.99
13	8.1		"	2.06	10.16
14	8.5		"	2.01	10.51
15	8.8		"	1.99	10.79
16	9.0		"	1.98	10.98
17	9.3		"	1.98	11.28
18	9.7		"	2.00	11.70
19	9.8		7	2.00	11.80

Card.

Series 414 Copied B8:114 + 164

DeV July 16, 1915

MC 7375 D 4

alt corr −.18

	B		C	Curve	Magn.	Pc	Curve	Magn.
1	Br			·	·	4.7	~~+2.63~~	·
2	Br			·	·	5.3	2.69	7.49
3	Br			·	·	5.3	2.69	7.49
4	~~2.2~~ Br			·	·	5.5	2.67	7.67
5	2.2	2.3		·	·	6.0	2.12	8.12
6	2.3	2.4		+6.53	8.93	6.3	2.08	8.38
7	2.2	2.3		·	· w.s	6.~~4~~ 7	2.03	8.73
8	2.5	2.6		6.52	9.12	6.8	2.01	8.81
9	2.3	2.4		6.53	8.93	6.9	1.99	8.89
10	2.4	2.5		6.53	9.03	7.0	1.97	8.97
11	2.8	2.9		6.50	9.40	7.6	1.87	9.47
12	3.1	3.2		6.47	9.67	8.00 ±1 7.9 8.1	1.79	9.79
13	3.2	3.3		6.46	9.76	8.1	1.77	9.87
14	3.6	3.7		6.42	10.12	8.6	1.71	10.21
15	3.7	3.8		6.40	10.20	8.7	1.67	10.37
16	3.7	3.8 3.80^{00}	3.8	6.40	10.20	8.9	1.64	10.54
17			4.0	6.37	10.37	Too near br. im.		
18			4.0	6.37	10.37	9.0	1.63	10.63
19			4.4	6.33	10.73	9.3 ?.	1.61	10.91 ?
20			4.7	6.28	10.98	9.7	1.63	11.33
21			5.0	6.24	11.24	9.9	1.66	11.53
22			5.3	6.18	11.48			
23			5.7	6.12	11.82			
24			5.9	6.10	12.00			
25			6.1	6.08	12.18			
26			6.2	6.07	12.27			
27			7.1	5.98	13.08			
28			7.1	5.98	13.08			

		Curve	Magn.
29	7.3	+5.95	13.25
30	7.7	5.89	13.59
31	8.1	5.84	13.94
32	8.2	5.83	14.03
33	8.7	5.77	14.47
34	9.0	5.74	14.74
35	9.0	5.74	14.74
36	9.40 ±1 9.3 9.5	5.69	15.09
37	9.8	5.67	15.47
38	9.9	5.66	15.56
39	F		
40	w.s		

Series 414

Se V July 10, 1915

MC 7375 cont. Diff alt. corr. -18

	g		h		
1	4.6	4.60^{00}	4.6	+2.64	7.04
2	5.1	5.10^{00}	5.1	2.58	7.68
3	5.1	5.10^{00}	5.1	2.58	7.68
4	5.3	5.25^{10}	5.2	2.56	7.81
5	5.9	5.90^{00}	5.9	2.46	8.36
6	6.1	6.20^{11}	6.3	2.42	8.62
7	6.1	6.20^{11}	6.3	2.42	8.62
8	6.5	6.50^{00}	6.5	2.36	8.86
9	6.1	6.15^{10}	6.2	2.43	8.58
10	6.7		tp	2.31	$\overset{9}{8}$.01
11	7.2	7.25^{01}	7.3	2.21	9.46
12	7.6	7.65^{01}	7.7	2.14	9.79
13	7.7		tp	2.14	9.84
14	8.1	8.20^{11}	8.3	2.05	10.25
Rec. 88 by mistake 15	$\overset{1}{8.\cancel{8}}$	8.10^{00}	8.1	2.06	10.16
16	8.2		tp	2.05	10.25
17	8.5	8.60^{11}	8.7	2.01	10.61
18	8.5	8.60^{11}	8.7	2.01	10.61
19	8.9	8.95^{10}	9.0	$\overset{1}{2}$.98	10.93
20	9.3	9.40^{11}	9.5	1.98	11.38
21	9.5	9.60^{11}	9.7	1.99	11.59
22	9.7		tp	2.00	11.70
23	9.8		f	2.00	11.80

Series 414

SeV

July 10, 1915

Copied.

Card.

MC 7376 Date 7 0 + 39.0

alt corr. +.22

	B	c	Curve	Magn.	PC	Curve	Magn.	g		h	Curve	Magn.
1	1.2 1.3		.	.	5.4	+2.18	7.58	5.1	5.10	5.1	+2.58 ~~+6.22~~	7.68 ~~11.32~~
2	2.1 2.2		.	.	6.9	1.98	8.88	6.7	6.70	6.7	2.32 ~~6.02~~	9.02
3	3.1 3.2		+6.48	9.68	8.0	1.80	9.80	7.5	elong		2.17 ~~5.92~~	9.67
4	3.3 3.4		6.46	9.86	8.3	1.75	10.05	7.7	7.70	7.7	2.13 ~~5.90~~	9.83
5	3.9 4.0 4.05 0' 4.1		6.37	10.42	defective?	.	.	8.5		tp	2.01 ~~5.80~~	10.51
6		4.3	6.34	10.64	9.0	1.63	10.63	8.7		tp	1.99 ~~5.77~~	10.69
7		4.9	6.26	11.16	9.7	1.62	11.32	9.3	9.30	9.3	1.99 ~~5.71~~	11.29
8		5.0	6.23	11.23	9.8	1.63	11.43	9.5	9.50	9.5	1.99 ~~5.67~~	11.49
9		5.6 0 1' 5.5 5.7	6.14	11.74								
10		6.1	6.08	12.18								
11		6.1	6.08	12.18								
12		6.3	6.07	12.37								
13		6.7	6.02	12.72								
14		7.0	6.00	13.00								
15		7.1	5.98	13.08								
16		7.7	5.90	13.60								
17		7.9	5.88	13.78								
18		8.6 0 1' 8.5 8.7	5.79	14.39								
19		9.1	5.73	14.83								
20		9.8	5.67	15.47								

Diff images not circular

Series 414

SeV

July 10. 1915

Mc 7377 Bole

	B	C	Pc	g	h
5			Sl-sup	3.8	3.8 3.80 00
6			4.8	4.3	4.3 4.30 00
8			6.1	5.7	5.8 5.75 ⊥0
9			6.7	6.2	6.3 6.25 01
10	2.4 2.5		7.0	6.7	6.7 6.70 00
11	3.0 3.1		7.6	7.2	clong 7.2 a.
12	3.3 3.4		8.0	7.5	7.7 7.60 ⊥1
13	3.7 3.8 3.90 ⊥1	4.0	8.5	8.1	8.3 8.20 ⊥1
14		4.4	9.0	8.7	8.7 8.70 00
15		4.9	9.5	9.1	tp 9.1 a.
16		5.2	Close to [illegible]	9.3	9.3 9.30 00
17		5.5		9.5	9.7 9.60 ⊥1
18		6.1		9.7	9.8 9.75 ⊥0
19		6.3			
20		6.7			
23		7.3			
25		8.0			
26		8.5			
27		8.9			
28		9.5			
29		9.9?			

2 00

Series 414

Sc V

July 15, 1915

~~12 00~~
11 30

MC 7377 Cole

	B		C	P.37	mean	Diff.	PC SeC	P.37	n	Diff	Diff.			h	P.37	mean	
5							St sup.	4.3	4.3 a a	+2.19	2.59 7	3.8	3.80 ⊥1 50	3.9	4.00	3.90 2	~~10~~ 07 10 08
6							4.9	5.1 ~~4~~	5.00 ⊥1	2.11	2.51	4.3	4.30	4.3	4.90	4.60	30 30
8							6.1	6.1	6.10 00	2.13	2.68	5.5	5.50 00	5.5	5.60	5.55	05 05
9							6.7	7.0	6.85 ⊥2	1.98	2.65	6.1	6.15 ⊥0	6.2	6.20	6.18	03 02
10	25 26			27	2.65 01	+6.37	7.0	7.1	7.05 01	1.97	2.37	6.7	6.60 x 12	6.5	6.7	6.65	05 05
11	31 3.2			3.2	3.20 00	6.35	7.7	7.7	7.70 00	1.85	2.30	7.2	7.20 00	7.2	7.3	7.25	05 05
12	34 3.5			3.6	3.55 ⊥0	6.31	8.0	8.1	8.05 01	1.81	2.26	7.5	7.50 00	7.5	7.7	7.60	~~05~~ .10 ~~05~~ 10
13	3.8 3.9	3.95 ⊥0	4.0	4.05	4.00 05 05	6.30	8.7	8.5	8.60 ⊥1	1.70	2.22	8.0	8.05 01	8.1	8.1	8.08	02 3 02
14			4.4	4.4	4.40 00	6.25	9.1	9.0	9.05 10	1.60	2.00	8.6	8.60 00	8.6	8.7	8.65	05 05
15			4.9	5.0	4.95 ⊥0	6.13	9.7	9.5	9.60 ⊥1	1.48	1.98	9.0	9.0 a	cloud	9.2	9.10	⊥ 1
16			5.3	5.3	5.30 00	6.10		9.9?	9.9 a	1.50	2.00	9.3	9.30 00	9.3	9.5	9.40	10 10
17			5.5	5.5	5.50 00	6.13					1.98	9.5	9.60 ⊥1	9.7	9.7	9.65	05 05
18			6.1	6.1	6.10 00	5.96					2.16	9.9	9.9 a	7	~~9.9~~	9.9 a	
19			6.3	6.4	6.35 ⊥0	6.07											
20			6.9	7.0	6.95 ⊥0	5.78											
23			7.3	7.5	7.40 ⊥1	5.94											
25			8.0	8.0	8.00 00	5.87											
26			8.4	8.5	8.45 01	5.88											
27			8.9	9.0	8.95 ⊥0	5.74											
28			9.5	9.4	9.45 10	5.66											
29			F	9.9	9.9 . a	5.76											

Series 414

S c V

July 15, 1915

Copied

Card.

Mc 7378 bonti 8 0 +46.5

Alt. corr. +.23

	B	C	Curve	Magn	PC	Curve	Magn.	g	h	Curve	Magn.
1	1.3 1.4		.	.	6.0	+2.09	8.09	5.5	along	+2.60	8.10
2	1.9 2.0		.	.	6.60±1 6.5 6.7	2.02	8.62	6.1	"	2.56	8.66
3	2.9 3.0		+6.36	9.36	7.5	1.89	9.39	7.1	"	2.37	9.47
4	3.3 3.4		6.34	9.74	8.0	1.80	9.80	7.7	"	2.26	9.96
5	4.1 4.2 4.25^{01}	4.3	6.27	10.52	8.7	1.67	10.37	8.3	8.40^{11} 8.5	2.12	10.52
6		4.7	6.22	10.92	9.5	1.50	11.00	9.0	9.00^{00} 9.0	2.05	11.05
7		5.4	6.14	11.54	7			9.7	9.70^{00} 9.7	2.02	11.72
8		5.7	6.09	11.79							
9		6.1	6.05	12.15							
10		6.3	6.02	12.32							
11		6.40±1 6.3 6.5	6.01	12.41							
12		6.9	5.96	12.86							
13		7.1	5.94	13.04							
14		7.3	5.90	13.20							
15		7.60±1 7.5 7.7	5.87	13.47							
16		7.7	5.86	13.56							
17		8.1	5.82	13.92							
18		8.3	5.79	14.09							
19		9.0	5.74	14.74							
20		9.3	5.73	15.03							

Series 414

Card

Copied

SeV

July 15, 1915

MC 7379 Barte 8 1 +31.5

alt. corr. +.22

	B		C		Curve	Magn	Pc	Curve	Magn	g	h	Curve	Magn
1	2.0	2.1			.	.	6.2	+2.07	8.27	5.8	long	+2.59	8.39
2	2.8	2.9			+6.36	9.26	7.2	1.94	9.14	6.9	"	2.42	9.32
3	3.7	3.8			6.31	10.11	8.1	1.79	9.89	7.9	"	2.22	10.12
4	4.0	4.1	4.10⁰⁰	4.1	6.29	10.39	8.60'' 8.7 8.5	1.70	10.30	8.1	"	2.17	10.27
5			4.8		6.21	11.01	9.1	1.60	10.70	8.5	"	2.11	10.61
6			4.9		6.19	11.09	9.1	1.60	10.70	8.7	"	2.08	10.78
7			5.0		6.18	11.18	9.3	1.54	10.84	9.0	"	2.04	11.04
8			5.6		6.11	11.71				9.5	9.60'' 9.7	2.02	11.62
9			5.7		6.09	11.79				9.7	9.70⁰⁰ 9.7	2.02	11.72
10			6.1		6.04	12.14							
11			6.60'' 6.5 6.7		5.98	12.58							
12			6.7		5.97	12.67							
13			6.9		5.95	12.85							
14			7.1		5.93	13.03							
15			7.5		5.89	13.39							
16			7.7		5.86	13.56							
17			8.0		5.83	13.83							
18			8.5		5.78	14.28							
19			9.0		5.74	14.74							
20			9.5		5.72	15.22							

Card

Series 414

ScV

July 15, 1915

Copied

MC 7380 Carte 8 0 +17.5

Alt. corr. +.18

	B	C	Curve	Magn.	pc	Curve	Magn.	g	ooh	Curve	Magn
1	2.2 2.3		.	.	68	+2.00	8.80	63	6.30 63	+2.53	8.83
2	2.5 2.6		+6.36	8.96	70	1.97	8.97	68	a. 6.80 clouds	4 2.~~3~~3	9.23
3	2.6 2.7		6.36	9 ~~10~~.06	72	1.94	9.14	67	a. 6.70 "	2.46 ~~1.96~~	9.16
4	3.1 3.2		6.35	9.55	7.60 ±1 75 77	1.88	9.48	73	a. 7.30 "	2.34 ~~1.84~~	9.64
5	3.9 4.0	4.05 o1 4.1	6.29	10.34	87	1.67	10.37	83	a. 8.30 "	2.14 ~~1.64~~	10.44
6		4.3	6.26	10.56	90	1.62	10.62	86	o1 8.65 87	2.09	10.74
7		50	6.19	11.19	97	1.47	11.17	93	±1 9.40 95	2.02	11.42
8		5.3	6.14	11.44	98	1.46	11.26	95	±1 9.60 97	2.01	11.61
9		6.2	6.03	12.23	7	.		7			
10		6.8	5.96	12.76							
11		7.1	5.93	13.03							
12		7.3	5.90	13.20							
13		7.7	5.86	13.56							
14		7.75 o1 7.8 7.7	5.86	13.61							
15		7.8	5.85	13.65							
16		8.0	5.83	13.83							
17		8.2	5.80	14.00							
18		8.5	5.79	14.29							
19		8.9	5.75	14.65							
20		9.60 ±1 9.5 9.7	5.73	15.33							

12 50

Card.

Series 414

SeV

July 15, 1915

copied

1 15 MC 7381 Cast 8 0 + 5.0

Alt. corr. +.10

	B	a		c	Curve	Magn.	PC	Curve	Magn.	g	h	Curve	Magn.
1		1.3	1.1		.	.	5.3	+2.13	7.43	5.0	long	+2.60	7.60
2	2.0	2.1			.	.	6.5	2.04	8.54	6.1	"	2.56	8.66
3	3.0	3.1			+6.36	9.46	7.3	1.92	9.22	7.1	"	2.37	9.47
4	3.3	3.4			6.34	9.74	7.7 ~~near def~~	1.86	9.56	7.3	"	2.34	9.64
5	3.8	3.9	3.95^{10}	4.0	6.30	10.25	8.7	1.77	9.97	8.0	"	2.20	10.20
6	3.9	4.0	4.05^{01}	4.1	6.29	10.34	8.5	1.71	10.21	8.2	"	2.16	10.36
7				4.4	6.26	10.66	9.1	1.59	10.69	8.7	"	2.08	10.78
8				4.8	6.21	11.01	9.5	1.50	11.00	9.0	9.00^{00} 9.0	2.04	11.04
9				5.0	6.19	11.19	9.8	1.46	11.26	9.5	9.60^{11} 9.7	2.02	11.62
10				5.9	6.07	11.97							
11				6.1	6.04	12.14							
12				6.7	5.97	12.67							
13				6.9	5.95	12.85							
14				6.9	5.95	12.85							
15				7.3	5.91	13.21							
16				7.5	5.89	13.39							
17				7.7	5.86	13.56							
18				7.9	5.84	13.74							
19				8.5	5.78	14.28							
20				9.5	5.72	15.22							

Series 414

Card.

SeV

July 15, 1915

Copied

MC 7382 Carte 8 0 – 10.0

Alt. corr. –.10

	B	c	Curve	Magn.	p c	Curve	Magn.	g h	Curve	Magn.
1	2.3 2.4				6.7	+2.01	8.71	6.25^{01} 6.2 6.3	+2.53	8.78
2	2.4 2.5		+6.37	8.87	7.15^{10} 7.1 7.2	1.96	9.11	6.95^{10} 6.9 7.0	2.41	9.36
3	2.7 2.8		6.37	9.17	7.5	1.89	9.39	7.2 cloud	2.36	9.56
4	3.3 3.4		6.34	9.74	8.1	1.79	9.89	8.10^{00} 8.1 8.1	2.18	10.28
5	4.0 4.1	4.15^{10} 4.2	6.28	10.43	9.1?	1.59?	10.69?	8.80^{11} 8.7 8.9	2.08	10.88
6		5.0	6.19	11.19				9.60^{11} 9.5 9.7	2.02	11.62
7		5.3	6.14	11.44				9.8 tp	2.02	11.82
8		5.9	6.07	11.97						
9		6.0	6.06	12.06						
10		6.1	6.05	12.15						
11		6.60^{11} 6.5 6.7	5.98	12.58						
12		7.0	5.94	12.94						
13		7.0	5.94	12.94						
14		7.5	5.88	13.38						
15		8.0	5.83	13.83						
16		8.1	5.81	13.91						
17		8.60^{11} 8.5 8.7	5.77	14.37						
18		8.9	5.76	14.66						
19		9.40^{11} 9.3 9.5	5.72	15.12						
20		9.7	5.73	15.43						

Series 414

Set July 15, 1915

Mc 7383 ~~Dark~~ Pole

	B	C	PC	g	h
5			4.3	4.0	4.0 4.00 00
6			5.1	4.9	4.9 4.90 00
8			6.1	5.5	5.7 5.60 ±1
9			7.0	6.2	6.2 6.20 00
10	2.6 2.7		7.1	6.7	elong
11	3.1 3.2		7.7	7.3	"
12	3.5 3.6		8.1	7.7	"
13	3.9 4.0 4.05 01	4.1	8.5	8.1	"
14		4.4	9.0	8.7	tp
15		5.0	9.5	9.2	"
16		5.3	9.9?	9.5	"
17		5.5		9.7	"
18		6.1			
19		6.4			
20		7.0			
23		7.5			
25		8.0			
26		8.5			
27		9.0			
28		9.4			
29		9.9			

See page 31-

Diff images elongated.

2.25

July 30, 1915

Shut 67

Sa 8

10 20 A6280 E2 4 0 - 45.0

		Sc 1	Sc 2	Diff. from Series	Diff	Cu	Magn
Iro far fr C	1				,		
" " " "	2				.		
	3	Br.		.	. .		
" " " "	4			.	.		
" " " "	5			.	.		
	6	$1.0^{0.7}$		7.18	7.22 ~~6.92~~	.	
" " " "	7			.	.	.	
" " " "	8			.	.	.	
	9	$2.0^{1.7}$		6.68	6.66	.	
	10	$2.0^{1.7}$		6.76	6.72	.	
	11	$2.1^{1.8}$		6.76	6.68	.	
	12	$2.1^{1.8}$		6.79	6.68	.	
	13	$2.3^{2.0}$		6.67	6.72	.	
	14	$2.4^{2.1}$		6.86	6.82	7.00	9.10
	15	$2.5^{2.2}$		7.08	7.06	7.06.	9.26
	16	$2.5^{2.2}$		6.92	7.01	7.06	9.26
	17	$2.7^{2.4}$		.	.	7.17	9.57
No star marked on prints	18			.	.	.	
	19	$2.5^{2.2}$		7.52	7.50	7.06	9.26
Im elong.	20	$3.0^{2.7}$		7.25	7.07	7.34	10.04
	21	$3.2^{2.9}$		7.28	7.41	7.42	10.32
	22	$3.3^{3.0}$		7.57	7.48	7.46	10.46
	23	$3.3^{3.0}$		7.57	7.48	7.46	10.46
	24	$3.5^{3.2}$		7.58	7.56	7.50	10.70
	25	$3.9^{3.6}$	3.65^{01} 3.7	7.55	7.49	7.53	11.18
	26	$4.0^{3.7}$	3.70^{00} 3.7	7.72	7.61	7.52	11.22
	27	$4.3^{4.0}$	4.00^{00} 4.0	.	\	7.57	11.51
	28	$4.4^{4.1}$	4.10^{00} 4.1	7.65	7.60	7.50	11.60

July 30, 1915

Se 8

Ab280 (cont)

		Se 2			Diff from Series	Diff	Cr	Magn
	29	4.1			7.52	7.49	7.50	11.60
	30	4.3			7.50	7.42	7.48	11,78
	31	4.7			7.50	7,36	7.43	12,13
	32	5.1			7.48	7.26	7.36	12,46
	33	5.1			7.36	7.24	7.36	12,46
	34	5.3			7.53	7.39	7.34	12,64
	35	5.7			7.65	7,41	7.26	12,96
	36	5.9	6.0	5.95 ±.0		7.09	7.22	13,17
	37	6.2	6.1	6.15 ±.1		7.08	7.16	13,31
	38	6.5				7.10	7.10	13,60
	39	7.1					6.95e	14.05e
Im. large & hazy	40	7.3					6.90e	14.20e
" " "	41	7.3					6.90e	14.20e
Im. poor.	42	7.6					6.83e	14.43e
	43	7.8	8.0	7.90 ±.1			6.75e	14.65e
	44	8.3	8.5	8.40 ±.1			6.64e	15.04e
	45	9.0	9.1	9.05 .1			6.47e	15.52e
	46	9.0	9.0	9.00 .00			6.48e	15.48e

11 vo

Images not circular. 7th images hazy.

July 30, 1915

Sheet 67

Sc 8

11 40 A 8188 E2 4 0 - 45 0

		Sc 1	Sc 2	Diff. from Series	Diff	Av	magn
Too faint for C	1				.		
" " " "	2			.	.		
	3	Bn		.	.		
" " " "	4			.	.		
" " " "	5			✓	.		
	6	Bn.		.	.		
" " " "	7			.	.		
" " " "	8			.	.		
	9	Bn		.	.		
	10	Bn		.	.		
	11	Bn.		.	.		
	12	$1.0^{0.7}$		7.89	7.78	.	
	13	$1.3^{1.0}$		7.67	7.72	'	
	14	$1.0^{0.7}$ $1.3^{1.0}$	0.85 ± 2	8.11	8.07	'	
	15	$1.5^{1.2}$ $2.0^{1.7}$	1.45 ± 3	7.83	7.81	.	
	16	$2.1^{1.8}$		7.32	7.41	.	
	17	$2.1^{1.8}$		.	.	.	
No star marked	18			.	.	.	
	19	$2.3^{2.0}$		7.72	7.70	7.85	9.85
	20	$2.5^{2.3}$		7.65	7.47	7.95	10.25
	21	$2.5^{2.3}$		7.88	8.01	7.95	10.25
	22	$2.8^{2.5}$		8.07	7.98	8.01	10.51
	23	$2.9^{2.6}$		7.97	7.88	8.05	10.65
	24	$3.0^{2.7}$		8.08	8.06	8.10	10.80
	25	$3.3^{3.0}$		8.20	8.14	8.20	11.20
	26	$3.2^{2.9}$		8.52	8.41	8.16	11.06
	27	$3.3^{3.0}$		.	.	8.20	11.20
	28	$3.3^{3.0}$		8.75	8.70	8.20	11.20

July 30, 1915

Sc 8

A 8188 cont.

	Sc 7 Defective	Sc 2	Diff. from Series	Diff	Cu	magn
29						
30	$3.5^{3.2}$ $3.7^{3.4}$ 3.30 ±.1		8.50	8.42	8.30	11.60
31		3.7	8.50	8.36	8.43	12.13
32		3.9	8.68	8.46	8.47	12.37
33	$4.2^{3.9}$ 3.95 ±.10	4.0	8.51	8.39	8.49	12.44
34		4.1	8.73	8.59	8.50	12.60
35		$4.2^{4.25 \pm .01}$ 4.3	9.10	8.86	8.52	12.77
36		$4.3^{4.40 \pm .1}$ 4.5		8.64	8.53	12.93
37		$4.9^{4.80 \pm .1}$ 4.7		8.43	8.51	13.31
38		5.0		8.60	8.49	13.49
39		5.8			8.36e	14.16e
40		6.2			8.30e	14.50e
41		6.3			8.28e	14.58e
42		6.5			8.26e	14.76e
43		6.7			8.22e	14.92e
44		7.1			8.16e	15.26e
45		$7.8^{7.75 \pm .01}$ 7.7			8.03e	15.78e
46		$7.8^{7.75 \pm .01}$ 7.7			8.03e	15.78e
47		$8.3^{8.30 \pm .00}$ 8.3			7.92e	16.22e
48		$9.0^{8.95 \pm .01}$ 8.9				

Images poor - double - perhaps should be rejected?

12 10

August 3, 1915

Sc 8

10 10 A6252 E3 6 40-45

		Sc 1		Sc 2	Curve	Magn.		Sc 2	Curve	Magn.
	1	Br.					29	4.3 →	8.40	12.70
Too far fr c	2						30	4.8	8.33	13.13
" " " "	3						31	5.0	8.30	13.30
	4	Br					32	5.2	8.29	13.49
	5	Br.					33	5.7 $5.9^{5.80 \pm 1}$	8.22	14.02
	6	Br					34	5.9	8.20	14.10
	7	Br					35	6.1	8.18	14.28
	8	$1.1^{0.8}$			.		36	6.0 $6.2^{6.10 \pm 1}$	8.18	14.28
	9	$1.3^{1.0}$			.		37	6.7	8.10	$1\overset{4}{8}.80$
Too far fr C	10						38	7.0	8.05	15.05
	11	$2.2^{1.9}$			7.83	9.73	39	7.3	8.00	15.30
	12	$2.1^{1.8}$			.		40	7.7	8.00	15.20
	13	$2.2^{1.9}$			7.83	9.73	41	8.0	7.85e	15.85e
	14	$2.2^{1.9}$			7.83	9.73	42	8.3	7.80e	16.10e
	15	$2.4^{2.1}$			7.90	10.00	43	8.3	7.80e	16.10e
P	16	$2.2^{1.9}$			7.83	9.73	44	8.7	7.74e	16.44e
	17	$2.9^{2.6}$			8.07	10.67	45	7.7 $7.5^{7.60 \pm}$	7.94e	15.54e
	18	$2.7^{2.4}$			8.00	10.40	46	8.1 $8.0^{8.05\ 10}$	7.85e	15.90e
	19	$3.3^{3.0}$			8.20	11.20	47	8.5 $8.7^{8.60 \pm 1}$	7.75e	16.35e
	20	$3.3^{3.0}$			8.20	11.20	48	9.0 $8.9^{8.95\ 0\pm}$	7.69	16.64
	21	$3.3^{3.0}$			8.20	11.20	49	9.2 $9.2^{9.20\ 00}$	7.65	16.85
	22	$3.3^{3.0}$			8.20	11.20				
	23	$3.5^{3.2}$			8.27	11.47				
	24	$3.9^{3.6}$	3.65 01	3.7	8.39	12.04				
	25	$3.8^{3.5}$			8.37	11.87				
	26	$4.0^{3.7}$	3.70 00	3.7	8.40	12.10				
	27	$4.2^{3.9}$	3.90 00	3.9	8.41	12.31				
	28			4.1	8.41	12.51				

10 45

August 3, 1915

Sc 8

11 35 α 10948 F 2 12 00 – 75.0 4th Exp 64m

	Sc 1		Sc 2	Diff. from Series magn. Oct. 30, 1916			Diff. cont.
Too faint C 1					29	4.1	7.89
" " " " 2					30	4.1	7.86
" " " " 3					31	4.6	7.60
" " " " 4					32	4.8	7.73
" " " " 5					33	5.0	7.79
" " " " 6					34	5.3	7.65
" " " " 7					35	$5.9^{5.80 \pm}$ 5.7	7.07
" " " " 8					36	6.2	7.00
" " " " 9					37	6.2	7.48
" " " " 10					38	6.5	7.35
" " " " 11					39	6.7	7.32
12	$2.4^{2.1}$			6.74	40	7.4	6.75
13	$2.7^{2.4}$ 2.5	2.45 01		6.51	41	7.6	6.55
" " " " 14					42	7.8	6.59
15	$3.1^{2.8}$			6.64	43	$8.1^{8.20 \pm}$ 8.3	6.53
16	$3.3^{3.0}$			6.70	44	$9.0^{9.00}$ $\overset{00}{9.0}$	6.08
17	$3.3^{3.0}$			6.78	45	9.3 9.30? 00 9.3	
18	$3.3^{3.0}$			6.95	46	F	
19	$3.7^{3.4}$			7.24	47	F	
20	$3.9^{3.6}$ 3.7	3.65 01		7.19			
21	$3.9^{3.6}$ 4.1	3.85 33		7.45			
22	$4.0^{3.7}$	3.75 ±0	3.8	$\overset{7}{8}.61$			
23	$3.9^{3.6}$	3.65 01	3.7	7.59			
24	$4.1^{3.8}$	3.80 00	3.8	7.57			
25	$4.2^{3.9}$	3.95 ±0	4.0	7.65			
26	$4.1^{3.8}$	3.80 00	3.8	7.73			
27	$4.1^{3.8}$	3.85 01	3.9	7.81			
28			3.9	8.02			

12. 00

August 8, 1915

Sc P

F2

10	uu	A 10948 5th ~~4th~~ Exp 1m Sc 2		A 10948 * 1st Exp 1m Sc 2	mean Exps. 1 and 5	Diff. Oct. 31
	12	5.2		5.1	5.15 0±	3.69
	13	5.3		5.4	5.35 ±0	3.61
Too faint for C	14	~~6.1~~	Too faint	.	.	.
	15	6.1		6.1	6.10 00	3.34
	16	6.4		6.3	6.35 0±	3.35
	17	6.5		6.5	6.50 00	3.28
	18	6.5		6.5	6.50 00	3.45
	19	7.5		7.3	7.40 1±	3.24
	20	8.0		7.60!! 7.5 7.7	7.80 2±	3.04
	21	8.5		8.3	8.40 1±	2.90
	22	9.0		8.5	8.75 23	2.61
	23	Dm sup? 8.0		8.1?	8.05? 01	3.19?
	24	9.1		Not comp	9.1 a	2.27
	25	Dm sup		" "	.	.
	26	9.0		8.5	8.75 23	2.78
	27	f		8.5	8.5 . a	3.16
	28			f		

Faint stars in this exp. sharp - not circular - do not compare with hazy images of scale.

August 8, 1915

δcB

F2

	a 10948 2nd Exp. 8m		a 10948 3d Exp.	<1m sec
12				7.0
13				7.3
14				~~8.1~~
15	Star superposed on this exposure			8.1
16				8.3
17				8.3
18				8.5
19				9.3
20				
21				
22				
23				
24				
25				
26				
27				
28				

10-40

August 8, 1915

δ c β

F2

12 λ 10950, 1st Exp 1m (~~furthest~~ North) 2d Exp 64m

	Sc2	app. 4 p47	Mean	Diff from Series Oct 30, 1916.	Sc1	Sc2	Diff. from Series
12	6.1	5.2	5.65 5 4	3.19	2.3$^{2.0}$		6.84
13	6.1	5.3	5.70 4 4	3.26	2.8$^{2.5}$		6.46
15	6.7	6.1	6.40 3 3	~~2.70~~ 3.03	3.1$^{2.8}$	3.0$^{2.7}$ 2.75 ±.01	6.69
16	6.8	6.3	6.55 2 3	3.15	3.2$^{2.9}$		6.88^{0}
17	6.7	6.3	6.50 2 2	3.28	3.3$^{3.0}$		6.~~76~~ 78
18	7.0	6.60	6.80 2 2	3.15	3.3 3.0		~~7.64~~ 6.95
19	8.1	7.5	7.80 3 3	2.84	3.6 3.3		7.34
20	8.2	7.7	7.95 2 3	2.89	3.7 3.4		7.44
21	8.7	8.2	8.45 3 2	2.85	3.9 3.6		7.70
22	8.7 8.9 8.80 ±.1	.	8.80 a.	2.56	4.1$^{3.8}$	3.9 ~~3.6~~ 3.85 ±.01	7.51
23	8.3 8.5 8.40 ±.1	8.1	8.25 2 1	2.99	4.1$^{3.8}$	3.7 ~~3.4~~ 3.75 ±.01	7.49
24	8.9	8.5	8.70 2 2	2.67		3.8 ~~3.5~~	7.57
25	Dm sufi.		.	.		4.0 ~~3.7~~	7.60
26	9.0	8.5	8.75 2 3	2.78		3.9 ~~3.6~~	7.63
27	9.1	8.7	8.90 2 2	2.76		4.1 ~~3.8~~	7.56
28	9.4	9.0	9.20 2 2	2.72		4.3 ~~4.0~~	7.62
29	7	9.3	9.3 . a	2.69		4.3 ~~4.0~~	7.69
30						4.3 ~~4.0~~	7.66
31						4.7 ~~4.4~~	7.50
32						5.0	7.53
33						5.3	7.49
34						5.6	7.35
35						6.1	6.77
36						6.4	6.80
37						6.5	7.18
38						6.7	7.15
39						7.0	7.02
40						7.4 7.6 7.50 ±.1	6.65

August 8, 1915

Sap

F 2

a 10950 2d Exp cont	2d Sc	Diff.
42	7.9	6.49
$\overset{1}{42}$	7.7	6.45
43	8.1	6.63
44	9.0	6.08
45	9.3	
46	9.5?	
47	F	

a 10950 3d Exp.	Sc 1	2d Sc.	8m	Diff	a 10950 4th Exp 1m
12	3.2 2.9		2.9	5.94	5.2
13	3.4 3.1	3.3	3.20 ±1	5.76	5.3
15	3.7 3.4		3.4	6.04	6.1
16	3.9 3.6	3.7	3.65 ±1	6.05	6.3
17	3.8			5.98	6.3
18	3.9			6.05	6.5 6.60 ±1 6.7
19	4.9			5.74	7.5
20	5.0			5.84	7.7
21	5.3			6.00	8.2
22	6.1			5.26	scratched.
23	5.7			5.54	8.1
24	6.1			5.27	8.5
25	6.3			5.30	Dim s up.
26	6.1			5.43	8.5
27	6.3 6.40 ±1 6.5			5.26	8.7
28	6.6			5.32	9.0
29	6.7 6.80 ±1 6.9			5.19	9.3
30	7.1			4.86	F
31	7.6 7.50 ±1 7.4			4.70	
32	7.8			4.73	
33	8.1			4.69	
34	8.5			4.45	
35	near to m				
36	9.5?				

1 00

August 12, 1915

Plotting sheet 88.

Sc B

4 u u 1915 8 b Johann E4 Br. Eff 4

	Sc 1		Sc 2	Diff.	Cu.	Magn.
1	$1.9^{1.6}$	1.7 165 01		5.37		
2	$2.0^{1.7}$			5.81		
3	$2.3^{2.0}$			5.70		
4	$2.3^{2.0}$			5.98		
5	$2.4^{2.1}$			5.94		
6	$2.2^{1.9}$			5.22		
7	$2.7^{2.4}$			5.70		
8	$3.0^{2.7}$			5.16	6.58	9.28
9	$3.2^{2.9}$			5.32	6.51	9.41
10	$3.2^{2.9}$			5.37	6.51	9.41
11	$3.2^{2.9}$			6.50	6.51	9.41
12	$3.3^{3.0}$			6.74	6.58	9.58
13	$3.3^{3.0}$			6.77	6.58	9.58
14	$3.3^{3.0}$			6.70	6.58	9.58
15	$3.7^{3.4}$ $3.9^{3.6}$	3.50 1 0		6.38	6.89	10.39
16	$3.5^{3.2}$			7.00	6.70	9.90
17	$3.9^{3.6}$			6.81	6.96	10.56
18	$4.1^{3.8}$	$3.80^{0\,0}$	3.8	6.99	7.09	10.89
19	$4.1^{3.8}$	$3.80^{0\,0}$	3.8	6.76	7.09	10.89
20	$4.1^{3.8}$	$3.80^{0\,0}$	3.6	7.20	7.09	10.89
21	$4.2^{3.9}$	$3.90^{0\,0}$	3.9	7.22	7.13	11.03
22			4.2	7.21	7.30	11.50
23			4.3	7.22	7.34	11.64
24			4.3	7.57	7.34	11.64
25			4.8	7.46	7.41	12.21
26			4.9	7.54	7.40	12.30
27			5.0	7.42	7.38	12.38
28			5.7	7.20	7.18	12.88

mean		Sc 2		Diff	Cu	Magn
$5.95^{0\,1}$	29	6.0	5.9	$6.9\overset{9}{5}$	7.13	13.08
$6.80^{1\,1}$	30	6.9	6.7	7.02	7.05	13.85
$6.95^{0\,1}$	31	7.0	6.9	7.11	7.03	13.98
$7.15^{0\,1}$	32	7.2	7.1	7.01	7.00	14.15
$7.25^{1\,0}$	33	7.3	7.2	6.93	6.98	13.23
$7.60^{1\,1}$	34	7.5	7.7	7.01	6.88	14.48
$8.70^{0\,0}$	35	8.7	8.7	6.20	6.30	15.00
$8.50^{0\,0}$	36	8.5	8.5	6.41	6.42	14.92
9.1	37	9.1 ?		6.14?	6.10	15.21? 9.80?
	38	ns				

4. 35

August 12, 1915

Plotting sheet 88.

Sc B

4 45 1915-8 b (Short-Eff.) Cu. Magn.

	Sc 1	Mean	Sc 2	Diff. from [illegible] and Grating		
1	$3.2^{2.9}$			4.12	~~4.12~~	
2	$3.7^{3.4}$			4.11	4.12	7.52
3	$4.0^{3.7}$	$3.75^{1\ 0}$	3.8	4.15	4.20	7.95
4	$4.0^{3.7}$	$3.70^{0\ 0}$	3.7	4.28	4.20	7.90
5			3.8	4.24	4.23	8.03
6	~~4~~	$4.10^{1\ 1}$	4.2 4.0	4.02	4.35	8.45
7	$4.3^{4.0}$	$4.00^{0\ 0}$ ~~4.15~~	4.0	4.10	4.30	8.30
8			4.3	4.56	4.43	8.73
9			4.7	4.52	4.58	9.28
10			4.7	4.57	4.58	9.28
11			4.8	4.60	4.62	9.42
12			5.0	4.74	4.62	9.62
13			4.8	4.97	4.62	9.42
14			5.0	4.74	4.62	9.62
15			5.1	4.78	4.63	9.73
16			5.9	4.30	4.45	10.35
17			6.1	4.31	4.39	10.49
18			6.3	4.49	4.32	10.62
19			6.3	4.26	4.32	10.62
20			6.8	4.20	4.12	10.92
21			7.1	4.02	3.97	11.07
22		$8.00^{1\ 1}$	8.1 7.9	3.41	3.67	11.67
23			8.1	3.42	3.67	11.77
24			8.1	3.77	3.67	11.77
25			8.5	3.76	3.68	12.18
26			8.8	3.64	3.71	12.51
27			8.7	3.72	3.70	12.40
28			9.0	+ 3.90	3.75	12.75
29						

5-10

August 17, 1915 :

Dc B

10 50		A 11067 F1 (Exp. 1'' furthest north)		
		Sc1	Sc2	
Slightly elong.	1	4.0 3.7 3.70 00	3.7	
Too far f. C	2			
" " " "	3			
	4	4.3 4.0 4.05 01	4.1	
" " " "	5			
" " " "	6			
" " " "	7			
Slightly elong	8		4.8	
Too far f. C	9			
" " " "	10			
" " " "	11			
	12		$\overset{6}{7}.3$	w.u.
	13		$\overset{6}{7}.1$	w.u.
" " " "	14			
	15		6.5	
" " " "	16			
	17		6.9	
	18		7.3	
	19		$\overset{6}{7}.2$	w.u.?
	20		7.5	7.40'' 7.3
	21		7.7	
	22		8.0	
	23		8.2	
Near crack	24		8.5	
	25		9.0	
Too near crack	26			
	27		9.1	Images not circular
Connecting cr.	28			11 05
	29		7	

August 17, 1915

Dc B

11 15	A 11067 Sc 1	2d 8m Sc 2	Eff	Diff. from Series	A 11067 64m Sc 1	3d Sc 2	Eff	Diff. from Series
1	2.7 2.4			4.38	1.2 0.9			5.88
4	3.1 2.8			4.35	1.6 1.3			5.85
8	3.5 3.2			4.80	2.1 2.8			5.20
12	4.2 3.9 3.90 00	3.9		5.36	2.9 2.6			6.66
13	4.3 4.0 4.05 .01	4.1		4.57	2.7 2.4			6.22
15		4.3		4.96	3.1 2.8			6.46
17		4.7		4.97	3.3 3.0			6.67
18		5.0	4.90!! 4.8	5.20	3.3 3.0			7.10
19		5.1		5.04	3.3 3.0			7.14
20		5.1		4.81	3.3 3.0			6.91
21		5.3		5.10	3.5 3.2			7.20
Too near crack 22		6.1?		(4.30)	Im Dup.			.
23		6.1		4.76	4.0 3.7 3.75±.0	3.8		7.11
24		6.2		4.82	4.0 3.7 3.80±.1	3.9		7.22
25		6.5		5.00		4.1		7.40
Near crack 26		6.7		4.74		4.1		7.34
27		6.5		4.88		4.1		7.28
28		6.8		5.07		4.4		7.47
29		7.5		4.74		5.0	~~5.2~~	7.24
30		7.7		4.81		5.3		7.21
31		8.1	8.00!! 7.9	4.65	W.S	5.~~4~~ 7		6.95
32		8.1		4.80		5.9		7.00
33		8.2		4.72		5.9		7.02
34		F		.		6.7		.
Too near cr. 35								.
36				—		7.6		.
37						7.9		.
38						7.9		.
39						8.1		.
40						8.4		.

Images not circ.

August 17, 1915

Sc8

A11067 4th Eff. 1^m

	Sc2	p50	mean		Diff. from Series
1	4.0	3.70	3.85	15 15	2.93
4	4.3	4.05	4.18	12 13	2.97
8	5.1	4.8	4.95	1 2 ~~15 15~~	3.05
12	6.7	6.3	6.50	2 2	2.76
13	6.3	6.1	6.20	1 1	2.42
15	6.7	6.5	6.60	1 1	2.66
17	7.1	6.9	7.00	1 1	2.67
18	7.6	7.3	7.45	2 1	2.65
19	7.5	7.2	7.35	1 2	2.79
20	7.5	7.40	7.45	~~05~~ 05	2.46
21	8.0	7.7	7.85	2 1	2.55
22	8.2	8.0	8.10	1 1	2.30
23	8.5	8.2	8.35	1 2	2.51
24	8.7	8.5	8.60	1 1	2.42
25	8.8	9.0	8.90	1 1	2.60
26	F				
27		9.1	9.1	. 2	2.28
28					

12 15

August 28, 1915

Se 8

10 20 a 11058 E 1 (Ep furthest North).

		Sc 1	Sc 2		
	1	3.2 2.9		x	29
Too far f. C	2				30
	3	3.3 3.0			31
	4	3.5 3.2			32
Too far f. C	5				33
" " " "	6				34
" " " "	7				35
" " " "	8				36
" " " "	9				37
" " " "	10				38
" " " "	11				39
" " " "	12				40
" " " "	13				41
	14		6.6		42
	15		6.6		43
	16		6.7		44
	17		7.1	7.3	45
	18		8.0		
	19		9.0		
	20		9.1		
	21		F		
	22				
	23				
	24				
	25				
	26				
	27				
	28				

August 28, 1915

Sc P

A 11058 E1 – 2^{d} Eff 8^{m}

		Sc 1			Sc 2
	1	2.1	1.8		
	3	2.3	2.0		
	4	2.5	2.2		
	14	3.9	3.6		
	15	3.9	3.6		
	16	4.0	3.7	3.75	3.8
	17				4.0
	18				4.7
	19				5.9
	20				5.9
	21				6.0
	22				6.6
	23				6.9
	24				7.1
	25				7.5
	26				7.6
	27				8.1
Scratched.	28				8.8 9
	29				9.0
	30				9.0
	31				9.2
	32				F

August 28, 1915

Sc θ

a 11058 ε1 | 3d Eff | 64 2.

Sc1 Sc2

1 1.0 0.7

3 1.2 0.9

4 1.2 0.9

14 2.3 2.0 2.5 2.2 2.10

15 2.5 2.2

16 2.7 2.4

17 3.0 2.7

18 3.4 3.1

19 4.1 3.8

20 4.0 3.7

21 4.0 3.7 3.70 3.7

22 4.0

23 4.0

24 4.3

25 4.6

26 4.9

27 5.3

28 6.1

29 6.2

30 6.3

31 6.7

32 6.9

Near br. im. 33 6.92

34 7.1

35 7.3 7.40 7.5

36 7.7

37 8.0

38 8.3 8.40 8.5

39 8.5

40 8.7

41 9.1

42 9.3

43 9.5 ?

44 f

45

August 28, 1915

Sc 8

a 11085 4th Eff.

	Sc 1	Sc 2	p.53	Mean	
1	3.2 2.9		~~3.2~~ 2.9	2.90	0 0
3	3.3 3.0		$\overset{0}{3.8}$	3.00	0 0
4	3.5 3.2		$\overset{2}{3.5}$	3.20	0 0
14		$\overset{7.00}{6.9}$ 7.1	6.6	6.80	2 $\underline{2}$
15		7.1	6.6	6.85	3 $\underline{2}$
16		$\overset{7.20}{7.3}$ 7.1	6.7	6.95	2 $\underline{3}$
17		7.7	7.20	7.45	3 $\underline{2}$
18		8.7	8.0	8.35	3 $\underline{4}$
19		8.9	9.0	8.95	$\underline{1}$ 0
20		f	9.1	9.1	. $\underline{a}$
21					

11 35

B Series 41

Sheet no 44

DeM Nov 15, 1916

12 — B 45423 b8 15 + 15

	Sc1	Sc2	Diff	PC	Diff
1	B			8.1	−0.90
2	B			8.15$^{\underline{2}1}$ 8.0 8.3	−0.91
3	4.85^{01} 4.8 4.9 4.6 4.7		3.24	8.85$^{\underline{1}2}$ 8.7 9.0	−0.76
4	B			8.60$^{\underline{1}1}$ 8.5 8.7	−0.88
5	tp			8.80$^{\underline{1}1}$ 8.7 8.9	−0.88
6	tp	4.85^{10}		9.15$^{0\underline{1}}$ 9.2 9.1	−1.04
6a		4.9 4.8	3.94	9.5	−0.71
7		4.75$^{\underline{1}0}$ 4.7 4.8	4.06	7	
8		5.05^{10} 5.1 5.0	3.92		
9		5.30^{00} 5.3 5.3	3.92		
10		5.45^{01} 5.4 5.5	4.07		
11		5.45^{01} 5.4 5.5	4.06		
12		5.90^{00} 5.9 5.9	3.85		
13		5.95^{01} 6.0 5.9	3.94		
14		6.0	3.97		
15		6.25^{10} 6.3 6.2	4.11		
16		6.3	4.22		
17		6.80$^{\underline{1}1}$ 6.7 6.9	3.84		
18		7.00$^{\underline{1}1}$ 6.9 7.1	3.68		
19		7.00$^{1\underline{1}}$ 7.1 6.9	3.68		
20		7.1	3.47		
21		7.3	4.12		
22		7.60$^{\underline{1}1}$ 7.5 7.7	4.22		
23		8.1	3.89		
24		8.2	3.89		
25		8.5	3.76		
26		8.7	$-\overset{4}{3}.03$		
27		9.00$^{\underline{1}1}$ 8.9 9.1	4.31		
27a		9.40$^{\underline{1}1}$ 9.3 9.5	4.28		
28		7			

B Series 41

:Copied B34:112

ScM

Nov 15, 1916

B 45424 34 Ks 14 – 58

Abs corr -0.6

	Sc 1	Sc 2	Cu	magn	PC	Cu	magn
1		4.4	4.04	8.44	9.8	-0.78	9.82
2		5.4	4.06	9.46			
3		6.2	4.08	10.28			
4		6.4	4.08	10.48			
5		6.7	4.09	10.79			
6		7.1	4.10	11.20			
7		7.3	4.12	11.42			
8		7.7	4.13	11.83			
9		8.0	4.14	12.14			
10		8.2	4.15	12.35			
11		8.3	4.16	12.46			
12		8.60±.1 8.5 8.7	4.16	12.76			
13		9.0	4.17	13.17			
14		9.20±.1 9.1 9.3	4.18	13.38			
15		9.60±.1 9.5 9.7	4.20	13.80			

Images not circular.

B Series 41 Copied B34: 113

SeM Nov 15, 1916

B 45425 35 Ks 16 — 28 Alt. corr +.06

	Sc 1	Sc 2	Ca	magn	PC
1		4.2	4.04	8.24	
2		5.7	4.06	9.76	
3		6.0 5.9 $^{5.95\ 02}$	4.06	10.01	
4		6.2	4.08	10.28	
5		6.8	4.09	10.89	
6		6.9	4.10	11.00	
7		7.1 6.9 $^{7.00\ 11}$	4.10	11.10	
8		7.4	4.12	11.52	
9		7.8	4.13	11.93	
10		8.0 8.1 $^{8.05\ 01}$	4.14	12.19	
11		8.3	4.16	12.46	
12		8.5	4.16	12.66	
13		8.9 9.0 $^{8.95\ 20}$	4.17	13.12	
14		9.2	4.18	13.38	
15		9.8	4.20	14.00	

Images elongated

B Series 41 Copied B34:96

ScM

Nov 15, 1916

B4542~~7~~6 204 ~~36~~ ~~Ko~~ 16 — 75 ~~24~~ Alt corr −.30

		Sc2	lu	magn	pc	lu	magn
1	~~B~~				9.0	−0.85	8,15
2	B				8.9	−0.86	8,04
3		4.8	4.05	8,85	9.8	−0.79	9,01
4		6.1	4.07	10,17			
5		7.1	4.10	11,20			
6		7.5 7.7 7.60''	4.13	11,73			
7		7.8	4.14	11,94			
8		8.3 8.1 8.20''	4.15	12,35			
9		8.3	4.16	1~~1~~2.46			
10		8.5	4.16	12,66			
11		8.5	4.16	12,66			
12		9.0	4,17	13,17			
13		9.3 9.5 9.40''	4.18	13,58			
14		9.5	4.19	13,69			
15		9.7	4.20	13,90			

B Series 41

Copied B 34:114

ScM

Nov 15, 1916

B 45427 36 Ks 16 – 24

Act corr +07

	Sc 1	Sc 2	Cu	magn	Pc
1		5.0	4.05	9.85	
2		5.9	4.06	9.96	
3		6.2	4.07	10.27	
4		6.4	4.08	10.48	
5		7.2	4.12	11.32	
6		7.5	4.13	11.63	
7		7.7	4.14	11.84	
8		8.3	8.40±1 8.5 4.16	12.56	
9		8.7	4.16	12.86	
10		8.9	4.17	13.07	
10a		9.3	4.18	13.48	
11		9.1	4.17	13.27	
12		9.5	4.19	13.69	
13					
14					
15					

Images poor - elongated.

B Series 41

ScM Nov 15, 1916

B 45428 Dq 17+15 pc

1		Q Diff		Diff
2 tp			8.2	-0.97
3 B			8.1	-1.06
3a t.p			8.3	-0.95
4 B			8.7	-0.88
5	4.2 4.0	3.86	8.9	-0.84
6			9.3	-0.83
6a	4.3	4.34	9.8 ?	-1.16
7	5.1	3.94		
8	5.4	4.13		
8a	5.3	4.38		
9	6.0	4.09		
10	6.4	4.26		
11	6.2	4.30		
12	6.4	4.17		
13	6.4	4.32		
14	6.7	4.09		
15	7.1	4.03		
16	7.3	4.30		
17	7.7	4.13		
18	8.1	4.31		
19	8.2	4.28		
20	8.7	4.06		
21	9.0	4.06		
22	9.3	4.10		
23	9.7 ~~Plate defect~~	4.04		
24	9.8	4.13		
25	9.8	4.36		
26	7			
27				

Sequence not in centre of plate.

2 10

1915phae.proj..999L

B. Series 41

ScM Nov 20, 1916

12 30 B45428 bq 17+15

	Sc1		Sc2	Diff	Pc	Diff
1						
2	B				8.2	−0.97
3					8.0	−0.96
3a	B				8.5	−1.15
4	$\overset{4.1}{3.9}$	4.05^{10}	4.0	3.77	8.8	−0.98
5	$\overset{4.2}{4.0}$	4.15^{01}	4.1	3.91	9.0	−0.94
6	$\overset{4.6}{4.3}$	4.40^{11}	4.3	4.07	9.5	−1.03
6a			43	4.34	7	
7			5.3	4.26		
8			5.3	4.23		
8a			5.3	4.38		
9			5.9	4.19 ~~.81~~		
10			6.3	4.36		
11			6.2	4.30		
12			6.3	4.27		
13			6.4	4.32		
14			6.7	4.09		
15			7.1	4.63		
16			7.2	4.40		
17			7.7	4.13		
18			8.1	4.31		
19			8.3	4.18		
20			8.5	4.26		
21			8.9	4.16		
22			9.3	4.10		
23			9.7	— 4.04		
24			9.8	4.13		
25			7			

B Series 41   Copied B 34:72

SeM   November 20, 1916

B 45430 {R.S. Scorpii 180 K   16 48 — 44.9   alt. corr +.02

180 K	Sc 1	Sc 2		Cr	magn	pc
1		5.2	5.15 .01 5.7	4.28	9.43	
2		5.4		4.30	9.70	
3		6.0		4.30	10,30	
4		6.3		4.31	10,61	
5		6.8		4.30	11,10	
6		7.2		4.27	11,47	
7		7.4		4.25	11,65	
8		8.0	7.90 .1 7.8	4.21	12,11	
9		8.1	8.00 .1 7.9	4.20	12,20	
10		8.3		4.17	12,47	
11		8.3		4.17	12,47	
12		8.3		4.17	12,47	
13		8.5	8.60 .21 8.7	4.13	12,73	
14		9.1		4.07	13,17	
15		9.5		4.00	13,50	

B Series 41

ScM November 20, 1916

B 45430 RS Scorpii 16 48 - 45 Ext corr +.02

	Sc1		Sc2	Cor	magn	PC	Cor	magn
a						8.5	-0.95	7.55
b	4.2 4.0	4.15^{01}	4.1	4.20	8,35	9.0	-0.96	8.02
d	4.9 47	4.80^{11}	4.7	4.25	9,05	9.7	-1.06	8,64
e			5.3	4.29	9,59			
e'			5,8	4.30	10,00			
g			6.2	4.36	10,50			
h			6.3	4.31	10,61			
k			7.10^{00} ~~7.1~~ 7.1	4.27	11,37			
l			7.5	4.25	11,75			
m			Sup. on another inv.					
n			7.75^{10} 7.7 7.8	4.23	11,98			
q			9.10^{21} 9.0 9.2	4.06	13,16			
~~r~~			~~9.3~~					
~~s~~			~~9.5~~ Wrong stars					
~~t~~			~~9.7~~					
~~u~~			~~9.8~~					
o			8,1	4.19	12,29			
p			8.50^{21} 8.4 8.6	4.15	12,65			
r			9.7	3.97	13,67			
s			9.9	3.93	13,83			
t			7					
u								
c			4.20^{21} 4.1 4.3	4.22	8,42	9.3	-1.00	8.30
f			6,1	4.30	10,40			

B Series 41 Copied B34:49

De M November 20, 1916

B 45431 157 K 17 26–30 Ext corr +.06

Sc1	Sc2	Cor	Magn	PC
1	39	4.18	8,08	?
2	5.2	4.28	9.48	
3	5.7	4.30	10,00	
4	5.7	4.30	10,00	
5	6.5	4.31	10,81	
6	7.5	4.25	11,75	
7	7.7	4.23	11,93	
8	8.2	4.17	12,37	
9	8.40±1 8.5 8.3	4.15	12,55	
10	8.5	4.14	12,64	
11	8.7	4.12	12,82	
12	8.95±0 8.9 9.0	4.08	13,03	
13	9.60±1 9.5 9.7	3.98	13,58	
14	98	3.95	13,75	
15				

B Series 41

ScM November 20, 1916

45434 C 10

B ~~45432 39 Ks. 17 19 = 26.8 Too poor~~

	Sc 1	Sc 2	Diff	pc	Diff
1	B			7.7	−0.96
2	B			8.3	−0.89
3	B			8.3	−0.96
4	B			8.5	−0.66
5		4.20^{11} 4.3 4.1	4.23	9.3	−0.87
6		3.95^{01} 4.0 3.9	4.55	9.7	−1.20
7		3.90^{11} 4.0 3.8	4.39	9.3	−1.01
8		4.75^{01} 4.8 4.7	4.35	Near br. im.	
9		4.9	4.50		
10		5.2	4.49		
11		5.7	4.34		
12		6.2	4.29		
13		6.5	4.23		
14		6.5	4.51		
15		7.00^{11} 6.9 7.1	4.17		
16		7.35^{01} 7.4 7.3	4.17		
17		7.9	4.06		
18		Too near another im.			
19		8.90^{11} 8.8 9.0	3.84		
20		9.3	3.57		
21		9.7	3.78		
22		9.9?	3.94		
23		9.5	4.18		
24		7			
25					
b		8.7 —	4.41		

2 00

MC Series 680   Copied B10:46

ScV   November 24, 1916   Card

12 30 MC 11073 Duarte 18 +46   Alt. corr. +.21

	B		C	Cn	Magn	PC	Cn	magn	g	L
1	3.0 2.9			.	.	7.5	0.90	8.40	7.1	7.1
2.	3.5 3.4			.	.	8.2	0.74	8.96	7.7	7.7
3	4.2 4.1	4.25 01	4.3	5.50	9.75	9.40 21 9.3 9.5	0.53	9.93	8.0	8.1
4			4.40 21 4.3 4.5	5.50	9.90	9.7	0.48	10.18		
5			5.20 21 5.1 5.3	5.43	10.63					
6			5.7	5.37	11.07					
7			6.1	5.32	11.42					
8			6.1	5.32	11.42					
9			6.3	5.28	11.58					
10			6.5	5.25	11.75					
11			7.15 10 7.1 7.2	5.16	12.31					
12			7.3	5.14	12.44					
13			7.60 11 7.7 7.5	5.09	12.69					
14			7.5	5.11	12.61					
15			7.8	5.06	12.86					
16			8.1	5.02	13.12					
17			8.60 21 8.5 8.7	4.95	13.55					
18			8.7	4.94	13.64					
19			9.2	4.88	14.08					
20			7							

MC Series 680 Sheet no 339

ScV November 24, 1916

MC 11074 Pole

	B		C	11078 p74			PC				
5							5,3		5.00	5.15^{12}	1,34
6							6,0	5.95 01 5.9	5.9	$5.92^{03\ 02}$	1,19
8							7.3	7.40 21 7.5	6.9	7.15^{23}	1,08
9							8,3		7.8	8.05^{32}	0.78
10							8,5		8.3	8.40^{11}	0,62
11	4.0 3.9	4.00^{00}	4.0	3.95	$3.98^{01\ 03}$	5,57	9.0		9.0	9.00^{00}	0,55
12	4.4 4.3	4.50^{21}	46	4.3	$4.40^{10\ 10}$	5,46	9.3	9,40 21 9.5	9.4	9.40^{000}	0,46
13			49	4.7	4.80^{11}	5,50	9.8	9.85 01 9.9	9.8	$9.82^{03\ 02}$	0,48
14			5,3	5.1	5.20^{11}	5,45					
15			5,5	5,4	5.45^{10}	5,63					
16			6,1	6,0	6.05^{10}	5,35					
17			6,5	6.3	6.40^{11}	5,23					
18			7,1	6.9	7.00^{11}	5.06					
19			7,3	7.1	7.20^{11}	5,22					
20			7.7	7,60 11 7.5 7,40	7.50^{12}	5,23					
23			8,1	8.2	8.15^{10}	5,19					
25			9,0	9.0	9.00^{00}	4,87					
26			9.7	9,5	9.60^{12}	4,73					
27			7	9.9	9.9^{9}	4,79					
28											

MC Series 680 Copied B10:23

DeV November 24, 1916 Card

MC 11075 Carte 18 or +65 alt. corr. +17

	B		C	Cu	magn	PC	Cu	magn
1	B					7.7	0.86	8,56
2	2.8 2.7			~~5.54~~		7.7	0.86	8,56
3	3.3 3.2					8.5	0.70	9.20
4	3.9 3.8	3.90	3.9	5.53	9.43	9.0	0.59	9,59
5			4.1	5.51	9,61	9.5	0,51	10,01
6			4.4	5,50	9,90	9.8	0.47	10,27
7			4.95 01 5.0 4.9	5.45	10,40			
8			5.2	5,43	10,63			
9			6.0	5.34	11,34			
10			6.60±1 6.5 6.7	5.24	11,84			
11			6.9	5.20	12,10			
12			7.0	5,19	12,19			
13			7.60±1 7.5 7.7	5.09	12,69			
14			7.7	5.07	12,77			
15			7.7	5.07	12,77			
16			8.40±1 8.3 8.5	4.98	13,38			
17			8.9	4.92	13,82			
18			9.85 01 9.8 9.9	4.80	14,65			
19			9.9	4,79	14,69			
20			9.8	4,80	14,60			

MC Series 680

Copied B9: 186

DcY

November 24, 1916

MC 11075 cont W Draconis

Alt cor + 17

	B		C	Cu	Magn	PC	Cu	magn
a						6.2	1.15	7.35
b						5.9	1.21	7.11
c						6.9	1.02	7.92
d						7.0	1.00	8.00
d′						7.3 $\overset{7.40^{21}}{7.5}$	0.92	8.32
e	$\overset{4.0}{3.9}$	4.00^{00}	4.0	5.53	9.53	9.1	0.57	9.67
f			4.2	5.50	9.70	9.3	0.55	9.85
g	$\overset{4.0}{3.9}$	4.00^{00}	4.0	5.53	9.53	9.0 $\overset{8.95^{01}}{8.9}$	0.60	9.55
f′			5.1	5.43	10.53			
h			5.7	5.37	11.07			
k			5.4	5.40	10.80			
l			5.7	5.37	11.07			
m			5.9	5.34	11.24			
n			6.0	5.33	11.33			
o			6.5	5.26	11.76			
p			7.0	5.19	12.19			
q			7.0	5.19	12.19			
r			7.1 $\overset{7.20^{21}}{7.3}$	5.16	12.36			
r′			7.7	5.07	12.77			
r^2			8.1 $\overset{8.20^{21}}{8.3}$	5.01	13.21			
s			8.3 $\overset{8.40^{21}}{8.5}$	4.98	13.38			
t			9.1	4.89	13.99			
u			9.3	4.86	14.16			
v			9.9	4.80	14.70			

ScV

MC Series 680 Copied B9:201 Card

November 24, 1916

MC 11076 NGC 6709 18 + 10 alt. corr −.01

	B	C	Cn	Magn	Bc	Cn	Magn
1	B				7.2	0.96	8,16
2	B				7.8	0.83	8,63
3	B				8.9	0.61	9.51
4		4.9	5.45	10,35			
5		4.9	5.45	10,35			
6		5.3	5.41	10.71			
7		5.8	5.35	11.15			
8		6.1	5.31	11.41			
9		6.7	5.23	11.93			
10		6.9	5.20	12.10			
11		7.05 01 7.0 7.1	5.18	12.23			
12		7.9	5.04	12.94			
13		8.8	4.93	13.73			
14		8,80 ± 8.9 8.7	4.93	13.73			
15		9.9	4.79	14.69			
2a		4.4	5.50	9.90			
2b		4.2	5.50	9.70			
2c		4.9	5.45	10.35			
4a		4.6	5.47	10.07			
4b		5.0	5.45	10.45			
5a		5.1	5.52	10.62			
8 = ? 5b							

MC Series 680 Copied B 10:120

ScV November 24, 1916 Card.

1. MC 11077 Carte 20 + 5.0 Alt corr +.04

	B	C	Cu	magn	PC	Cu	magn
1					6.9	1.01	7.91
2					Sup.		
3	3.4 3.3		.		8.8	0.63	9.43
4		4.7	5.47	10.17			
5		4.9	5.45	10.35			
6		5.1	5.52	10.62			
7		5.7	5.37	11.07			
8		6.10½ 6.2 6.0	5.31	11.41			
9		6.5	5.25	11.75			
10		6.8	5.22	12.02			
11		7.9	5.04	12.94			
12		8.1	5.03	13.13			
13		8.3	5.00	13.30			
14		8.60½ 8.7 8.5	4.95	13.55			
15		8.7	4.94	13.64			
16		9.3	4.87	14.17			
17		9.75 0½ 9.8 9.7	4.81	14.56			
18		9.8	4.80	14.60			
19		7					
20							

Mc Series 680

S c V

November 24, 1916

Mc 11078 Pole

	B		C	P.C.
				5.00 ±1
5			~~4.9~~	4.9 5.1
6				5.9
8				6.9 .
9				7.8
10				8.3
11	3.9 3.8	3.95 ±0	4.0	9.0
12			4.3	9.4
13			4.7	9.8
14			5.1	
15			5.4	
16			6.0	
17			6.3	
18			6.9	
19			7.1	
20			7.40 ±1 7.3 7.5	
23			8.2	
25			9.0	
26			9.5	
27			9.9 ~~9.8~~ ?	

2 10

See page 69

MC Series 680 Sheet no 339

DcV November 27, 1916

11 50 MC 11078 Pole

	B		C		PC		
5					5.1	~~5.3~~	1,39
6					5.7	~~6.1~~	1,41
8					7.1		1,13
9					7.9		0,93
10	3.4 3.3		~~6.3~~	5,62	8.1		0,92
11	3.8 3.7	2.9 $\overset{1\,1}{0}$	4.0	5,65	9.0		0,55
12			4.3	5,56	9.3		0,56
13			4.7	5,60	9.8		0,50
14			5.2	5,46			
15			5.4	5,68			
16			6.1	5,30			
17			6.3	5,33			
18			6.8	5,26			
19			7.1	5,22			
20			7.5	5,23			
23			8.1	5,24			
25			9.0	4,87			
26			9.5	4,83			
27			9.9	4,79			

MC Series 680 : Copied B7:149

DeV November 27, 1916 Card.

MC 11079 7Ks 19 + 29 att. corr +.10

	B		C	Cu	magn	PC		Cu	magn
1	B					6.2		1.28	7,48
2	3.2 3.1			5.72	8,92	8.1		0.84	8,94
3	3.4 3.3			5,70	9.10	8.5	8.40'' 8.3	0.77	9,17
4	5.8 5.7	5.85''	5.9	5.40	11,25				
5			6.60'' 6.5 6.7	5.29	11,89				
6			7.0	5.25	12,25				
7			7.2	5.23	12,43				
8			7.7	5,17	12,87				
9			8.0	5.13	13,13				
10			8.25'' 8.2 8.3	5.07	13,32				
11			8.9	4.98	13,88				
12			9.3	4.89	14,19				
13			9.60'' 9.5 9.7	4.82	14,42				
14			9.7	4.80	14,50				
15			9.9	4.76	14.66				

Mc Series 680

Copied B9a 1170

DcV

November 27, 1916

Card.

alt. corr + .15

	Mc 11080			WX Cygni		20 11 + 37		
	B		C	Cu	magn	PC	Cu	magn
a	B					$\overset{7.69^{11}}{7.7}$ 7.5	0.98	8.58
b	B					8.9	0.67	9.57
c	B					7.5 $\overset{7.60^{11}}{7.7}$	0.98	8.58
d	$\overset{3.8}{3.7}$	3.85^{01}	3.9	5.66	9.51	9.2 $\overset{9.10^{11}}{9.0}$	0.62	9.72
e			4.3	5.62	9.92	9.7	0.50	10.20
f			3.9	5.65	9.55	9.1 $\overset{9.20^{11}}{9.3}$	0.60	9.80
g	$\overset{4.3}{4.2}$	4.30^{00}	4.3	5.62	9.92	9.9	0.48	10.38
h	$\overset{4.2}{4.1}$	4.25^{01}	4.3	5.63	9.88	9.8	0.49	10.29
h'			5.9	5.40	11.30			
k			6.1	5.36	11.46			
k'			6.3	5.34	11.64			
l			5.8	5.41	11.21			
m			6.8	5.27	12.07			
m'			7.0	5.26	$11,\overset{2}{\cancel{2}}6$			
m²			7.1	5.25	12.35			
n			7.5	5.20	12.70			
o			5.8	5.41	11.21			
p			7.9	5.14	$1\overset{3}{\cancel{2}},04$			
q			8.1	5.10	13.20			
r			8.3	5.07	13.37			
s			9.2	$\overset{9.15^{01}}{9.1}$ 4.92	14.07			

MC Series 680 : Copied 139a:1'25

DcV November 27, 1916 Card.

MC 11082 VV Androm 23+35 Act corr +.21

	B		C	Cu	magn	PC	Cu	magn
a						8.9	0.67	9.57
b						9.0	0.65	9.65
c	4.2 4.1	4.25^{01}	4.3	5.62	9.87	9.8	0.49	10.29
d			4.9	5.54	10.44			
e			5.2	5.50	10.70			
f			5.7	5.43	11.13			
g			6.0	5.38	11.38			
h			6.40±1 6.3 6.5	5.33	11.73			
k			7.1	5.25	12.35			
l			7.6	5.19	12.79			
m			7.60±1 7.5 7.7	5.19	12.79			
n			8.40±1 8.3 8.5	5.06	13.46			
o			9.0	4.97	13.97			
p			9.8	4.78	14.58			
q			9.9?	4.77	14.67?			
r								
s								

~~Mc Series 680~~

DeV November 27, 1916

Mc 11083 Pole Not in Series 680

	B	C	PC
5			5.3
6			6.1
8			7.7.
9			8.7
10			8.7
11		4.1	9.3
12		4.4	9.7
13		5.0	7
14		5.3	
15		$5.80^{\pm1}$ 5.7 5.9	
16		6.2	
17		6.7	
18		w.s ~~6.9~~ 7.1	
19		7.25^{01} 7.2 7.3	
20		w.s $7.65^{\pm2}$ ~~7.3~~ 7.5 7.8	
23		$8.95^{\pm0}$ 8.9 9.0	
25		9.5	
26		7	

Faint stars and ft pe's poor and hazy -

12 55

MC Series 685 : Sheet no 341

8cV December 1916

11 MC 11129 8ole

B ⓒ 11134 P86 PC 4.95¹² ₂.

5 B 5.1 4.8 4.95 1,54

¹¹
6 B 5.5 5.3 5.40 1,71

²¹
8 B 6.8 6.5 6.65 1,58

²¹
9 B 7.6 7.3 7.45 1,38

2.7 ₂.
10 2.6 2.7 6.32 7.7 7.5 7.60¹¹ 1,42

3.2 ¹¹ ²³
11 3.1 3.4 3.30 6.35 8.2 8.7 8.46 1,10

3.4 ²¹ ¹³¹² ²²
12 3.3 3.55 3.7 3.80 3.68 6.18 ~~8.8~~ ws 8.5 9.0 8.75 1.11

⁰⁰
13 4.2 4.2 4.20 6.10 7 9.4 9.4₂' 0,90

4.45²¹ ⁰⁷ ⁰⁸
14 4.6 4.3 4.6 4.52 6.13 9.8 9.8₂. 0,83

5.15⁰¹ ⁰⁷ ⁰⁸
15 5.2 5.1 5.0 5.08 6.00

¹¹
16 5.5 5.3 5.40 6.00

⁰¹
17 5.8 5.7 5.75 5,88

⁰⁰
18 6.3 6.3 6.30 5,76

²¹
19 6.8 6.5 6.65 5,77

¹²
20 7.1 6.8 6.95 5,78

7.95¹⁰ ¹³¹²
23 7.9 8.0 7.7 7.82 5,52

⁰⁰
25 8.5 8.5 8.50 5,37

¹¹
26 9.1 8.9 9.00 5,39

9.65²¹ ¹³¹²
27 9.8 9.5 9.40 9.52 5,17

Mc Series 685

Card.

DeV

December 1, 1916

Mc 11130 Eros 1905 | 20 — 7.5 Alt. corr — .07

	"B		C		Lu	magn	PC		Lu	magn
1	B						7,2		1.47	8.67
2	B						7.7		1.33	9,03
3	3.1 3.0				6.29	9,39	8,3	8.40^{11} 8,5	1.18	9,58
4	4.1 4.0	4.05^{10}	4.1	4.00^{11} 3.9	6.17	10,22	9.2		0.99	10,19
5			4.3		6.13	10,43	9,8		0,84	10,64
6			4.9		6.03	10,93				
7			5.9		5.88	11,78				
8			6,3		5.80	12,10				
9			6.3		5.80	12,10				
10			6,1		5.84	11,94				
11			6.5	6.60^{11} 6.7	5.75	12,35				
12			6.9		5.70	12,60				
13			7.1		5.68	12,78				
14			7.4		5.62	13,02				
15			7.8		5.53	13,33				
16			8,1		5.50	13,60				
17			8,7		5.35	14,05				
18			defective.							
19			9,1		5.27	14,37				
20			9.3		5.25	14,55				

MC Series 685

DeV

December 1, 1916

Carde

alt cor −.16

MC 11131 Eros 21 — 13.3

	B		C	Cu	Magn	PC	Cu	magn
1						6.0	1.63	7.63
2						6.7	1.54	8.24
3	3.0 2.9			6.31	9.31	8.1	1.25	9.25
4	3.4 3.3			6.25	9.65	9.5	0.92	10.42
5	4.2 4.1	4.20 00	4.2	6.14	10.34			
6			4.9	6.03	10.93			
7			5.1	6.00	11.10			
8			5.3	5.98	11.28			
9			5.4	5.97	11.37			
10			6.1	5.85	11.95			
11			6.3	5.80	12.10			
15 ~~12~~			7.9	4.95 10 80 5.52	13.47			
13			8.0	5.51	13.51			
14			7.7	5.56	13.26			
12 ~~15~~			7.1	5.67	12.77			

MC Series 685 Copied 9a:176

ScV December 1, 1916 Card.

MC 11132 VV Cygni 21 + 45 Ast. corr +.22.

	B	C	Cm	magn	P.C
a		4.9	6.03	10,93	
b		5,3	5.98	11,28	
c		5.8	5.90	11,70	
d		6,2	5.83	12,03	
e		6,3	5.80	12,10	
f		6,5	5.78	12,28	
g		7.1	5.68	12,78	
h		7,3	5.63	12,93	
k		7,5	5.60	13,10	
l		7.95 0.1 8.0 7.9	5.52	13,47	
m		8.0	5.51	13,51	
n		8.40 0.1 8.3 8.5	5.42	13.82	
o		8,5	5.40	13,90	
p		9.3	5.25	14,55	
q		9.7	5.17	14.87	

Seq not in centre of plate

Over

MC Series 685

Scv

December 1, 1916

Card.

MC 11132 (Ref Seq)

Att. corr +.22

	B	c	Cu	Magn	pc	Cu	magn
1	B				7.3	1.44	8.74
2	B				7.9	1.30	9.20
3	B				8.7	1.10	9.80
4		3.9	6.18	10.08	9.3	0.96	10.26
5		4.8	6.04	10.84			
6		5.3	5.98	11.28			
7		5.3	5.98	11.28			
8		5.8	5.90	11.70			
9		5.9	5.88	11.78			
10		6.3	5.81	12.11			
11		6.90±1 6.8 7.0	5.71	12.61			
12		7.1	5.67	12.77			
13		7.3	5.63	12.93			
14		7.7	5.57	13.27			
15		7.9	5.53	13.43			
16		8.1	5.50	13.60			
17		8.5	5.40	13.90			
18		8.7	5.36	14.06			
19		9.1	5.27	14.37			
20		9.5	5.20	14.70			

MC Series 685

Copied B9a:177 Card

SeV December 1, 1916

MC 11133 SS Cygni 21 40 + 43 Alt. corr +.22

	B		C	Cu	Magn	PC	Cu	Magn
a	B					7.9	1.30	9.20
b	B					7.1	1.48	8.58
c	B					8.1	1.24	9.34
d	B					7.5	1.40	8.90
e	B					7.4	1.42	8.82
f	3.9 3.8			6.18	10.08	9.2 ~~8.7~~ w.s	0.99	10.19
g	B					8.7	1.10	9.80
h	4.0 3.9	4.05^{01}	4.1	6.16	10.21			
k			4.3	6.13	10.43			
l			4.8	6.04	10.84			
m			5.9	5.88	11.78			
n			6.0	5.86	11.86			
o			6.2	5.83	12.03			
p			6.5	5.78	12.28			
q			7.1	5.67	12.77			
r			7.3	5.63	12.93			
s			8.0	5.51	13.51			
t			8.3	5.44	13.74			
u			9.0	5.28	14.28			
w			9.40^{21} 9.3 9.5	5.22	14.62			

Mc Series 685

DaY December 1, 1916

Mc 11134 Pole.

	B		C	PC
5				~~6.4~~ W.S
6				5.3
8				6.5
9				7.3
10				7.5
11	3.4 3.3			8.7
12	3.8 3.7	3,80 oo	3.8	9.0
13			4.2	9.4
14			4.6	9.8
15			5.0	
16			5.3	
17			5.7	
18			6.3	
19			6.5	
20			6.8	
23			7.7	
25			8.5	
26			8.9	
27			9,40 ±.1 9.3 9.5	

See page 80

12 55

MC Series 685 Sheet no 341

DeV

December 2, 1916

11 30 MC 11134 Pole

	B		C	11140 p93			PC			
5							4.7	4.6	4.65^{10}	1,84
6							5.4	5.3	5.35^{01}	1.76
8							6.5	6.3	6.40^{11}	1,83
9							7.2	7.2	7.20^{00}	1.63
10							7.5	7.5	7.50^{00}	1.52
11							8.5	8.5	8.50^{00}	1,05
12							8.9	8.9	8.90^{00}	0.96
13	4.0 3.9	4.05^{01}	4.1		$4.05^{\underline{a}}$	6,25	9.3	9.3	9.30^{00}	1.00
14			4.7	4.55	$4.62^{03\ \underline{07}}$	6,63	7	9.8	$9.8^{\underline{a}}$	0,85
15			5.1	4.9	5.00^{11}	6.66 ~~5.1~~				
16			5.4	5.3	5.35^{01}	6.05				
17			5.7	5.7	5.70^{00}	5.93				
18			6.2	6.3	6.25^{01}	5.81				
19			6.5	6.5	6.50^{00}	5.92				
20			7.0	7.0	7.00^{00}	5.73				
23			7.8	7.7	7.75^{01}	5.59				
25			8.3	8.3	8.30^{00}	5.57				
26			8.9	9.0	8.95^{10}	5.38				
27			9.8	9.5	9.65^{21}	5.04				
				9.9?	$9.9^{\underline{a}}$	5.21				

Mc Series 685 Copied B 37:144

ScV December 2, 1916 Card

Mc 11135 D12 alt. corr -.15

	B		C	Cn	magn	PC	Cn	magn
1								
2						5.8	1.88	7,68
3						7.4	1.53	8,93
4						7.1	1.60	8,70
5						6.9	1.66	8,56
6						7.3	1.54	8.84
7						6.95-10 6.9 7.0	1.64	8,59
8						7.3	1.55	8,85
9						7.9	1.37	9.27
10						8.2	1.28	9,48
11						8.5	1.18	9,68
12						8.2	1.28	9,48
13	3.4 3.3					8.80^{12} 8.9 8.7	1.08	9,88
14	3.5 3.4					9.05^{10} 9.1 9.0	1.00	10,05
15	4.0 3.9	4.05^{01}	4.1	6.20	10,25	9.10^{12} 9.2 9.0	1.00	10,10
16	3.8 3.7	3.90^{11}	4.00 3.9 4.1	6.21	10,11	9.05^{01} 9.0 9.1	1.00	10,05
17			4.80^{11} 4.7 4.9	6.10	10,90	7		
18			4.9	6.08	10,98			
19			5.0	6.07	11,07			
20			5.2	6.04	11,24			
21			5.3	6.04	11,34			
22			5.85^{10} 5.9 5.8	5.95	11,80			
23			6.2	5.89	12,09			
24			6.5	5.85	12,35			
25			6.7	5.80	12,50			
26			6.8	5.79	12,59			
27			7.1	5.75	12,85			
28			7.5	5.67	13,17			
27½			7.3	5.70	13,00			

MC Series 685

ScV December 2, 1916

MC 11135 cont. Pot. corr. -.18

28	~~7.7 7.5~~	Cn	Magn
29	7.5	5.67	13.17
30	8.0	5.58	13.58
31	8.3	5.52	13.82
32	8.5	5.50	14.00
33	8.8	5.42	14.22
34	8.9	5.40	14.30
35	9.3	5.30	14.60
36	9.25 01 9.2 9.3	5.32	14.57
37	9.60 21 9.5 9.7	5.24	14.84
38	7		
39			

MC Series 685 Copied B10: 169

DcV December 2, 1916 Cand.

MC 11137c Bate 23 + 10. Cett. corr +.13

	B		Cu	magn	PC	Cu	magn
1					5.3	1.93	7,23
2					7.1 ×	1.60	8,70
3	3,3 3.4				8.8	1.08	9.88
4		4,7	6.13	10,83			
5		4,9	6.09	10,99			
6		5,7	5,97	11,67			
7		6.0	5.93	11,93			
8		6,2	5,89	12,09			
9		7,2	5.73	12,93			
10		7,5 7.7 7.60±1	5.65	13,25			
11		7,8	5.63	13,43			
12		8,1	5,56	13,66			
13		8,3	5.52	13,82			
14		8,5 8,7 8.60±1	5.46	14,06			
15		9.3	5.30	14,60			

× Reject - Wrong star measured.

MC Series

Dec V

December 7, 1916

. MC 11139 Ref. 23+32.5 Alt. corr. +.22

	B		C	Cn	magn	PC	Cn	magn
1						6.9	1.66	8,56
2						8,2	1,27	9,47
3						8,1	1,30	9,40
4	3.4 3.3					9.0	1.03	10,03
5	3.5 3.4					9.3	0.95	10,25
6	3.8 3.7	3.85"	3.9	6.22e	10,07e	9.7	0.83	10,53
7			4.9	6.10	11,00			
8			5.7	5.60" 55 5,98	11,58			
9			5.4	6.03	11,43			
10			5.4	6.03	11,43			
11			6.1	5,90	12,00			
12			6.3	5,87	12,17			
13			7.1	5,75	12,85			
14			7.1	5.75	12,85			
15			7.2	5,73	12,93			
16			7.5	5.66	13,16			
17			7.8	5.63	13,43			
18			8.1	5,56	13,66			
19			8.7	5.45	14,15			
20			9.5	5,25	14,75			

over

MC Series 685

:Copied 9a:70

ScY

December 2, 1916

Card.

MC 11139 S W Androm.

Alt. corr + 22

	B	C	Cm	Magn	PC	Cm	Magn
a					7.3	1.54	8.84
b					7.4	1.53	8.93
c					7.9	1.36	9.26
d					8.3	1.25	9.55
e					8.5	1.18	9.68
f		3.9	6.21	10.11	9.05 .01 9.0 9.1	1.00	10.05
g		4.9	6.08	10.98			
h		5.1	6.07	11.17			
k		5.4	6.03	11.43			
l		6.0	5.93	11.93			
m		6.9	5.78	12.68			
m²		7.1	5.74	12.84			
n		7.5	5.67	13.17			
o		8.1	5.55	13.65			
p		8.3	5.52	13.82			
q		8.95 ⊥0 8.9 9.0	5.38	14.33			
r		9.5	5.25	14.75			

Sep not in center of plate.

MC Series 685

DcV December 2, 1916

MC 11140 Pole

	B	C	PC
5			4.6
6			5.3
8			6.3
9			7.2
10			7.5
11			8.5
12			8.9
13			9.3
14	$\overset{4.5}{4.4}$ 4.55 ^{10}	4.6	9.8
15		4.9	
16		5.3	
17		5.7	
18		6.3	
19		6.5	
20		7.0	
23		7.7	
25		8.3	
26		9.0	
27		9.5	
28		9.9?	

See page 87

1 30

MC Series 684 Sheet no 340

Dec V

December 6, 1916

10 55 MC 11117 Pole

	B		C	11122 p101		Pc		
5						5.1	05 05 5.00 5.05	1,44
6						5.7	05 05 5.60 5.65	1,46
8						7.1	08 07 6.95 7.02	1,21
9						7.9	7.80 11 10 10 7.7 7.60 7.70	1,13
10	2.9 28			2.9 9 1	6,12	7.9	05 05 7.80 7.85	1,17
11	3.4 3.3			3 4. 2 1	6,15	8.8	20 20 8.40 8.60	0,95
12	3.8 3.7	3.85 01	3.9	00 00 3.85 3.85	6,01	9.2	12 13 8.95 9.08	0,78
13			4.3	00 4.3 4.30	6,00	9.5	9.60 11 05 05 9.7 9.5 9.55	0,75
14			4.7	15 15 5.00 4.85	5,80	9.8	00 9.8 9.80	0,85
15			5.2	01 5.3 5.25	5,83			
16			5.5	5.60 11 5.65 05 05 5.7 5.7	5,75			
17			6.1	00 6.1 6.10	5,53			
18			6.5	6.60 11 05 05 6.7 6.7 6.65	5,41			
19			7.0	01 7.1 7.05	5,37			
20			7.3	00 7.3 7.30	5,43			
23			7.9	7.95 10 03 03 8.0 7.9 7.92	5,42			
25			9.0	20 20 8,60 8.80	5,07			
26			9.5	32 9,0 9.25	5,08			
27			9.8	21 9.5 9.65	5,04			
				9.7 9.7 9.	5,41			

MC Series 684

Copied B10'.23

DcV

Card.

December 6, 1916

MC 11118 Barte 18 + 65

Alt. corr +.18

	B		C		Cu	magn	PC		a	magn
1							7.0	6.95 01 6.9	1.23	8,18
2	B						7.5	7.40 11 7.7	1.12	8,72
3	B.						7.9	7.95 10 8.0	1.07	9,02
4	B						8.3	8.40 11 8.5	1.00	9.40
5	B						8.9	~~9.85~~ 8.95 10 9.0	0.91	9,86
6	3.9 3.8	3.90 00	4.0	3.90 11 3.8	6.05	9,95	9.1		0.89	9,99
7			4.3		5,98	10,28	9.5		0.83	10,33
8			4.7		5.90	10,60	9.8		0.80	10,60
9			5.0	5.05 01 5.1	5.84	10,89				
10			5.8	5.75 01 5.7	5.67	11,42				
11			6.1		5.60	11,70				
12			6.5	6.60 11 6.7	5.50	12,10				
13			6.8		5,46	12,26				
14			7.1		5,40	12,50				
15			7.5		5,34	12,84				
16			8.1		5,26	13,36				
17			8.3		5,23	13,56				
18			9.0		5,15	14.15				
19			9.3		5.12	14,42				
20			9.5	9.60 11 9.7	5.12	14.72				

Over

MC Series 684

Copied B9: 186

Sc V

December 6, 1916

Card.

MC 11118 (cont) W Draconis

Att. corr +.18

? a	B		C	Cu	Magn	PC	Cu	Magn
b						5,2	1.50	6,70
c						6,3	1,34	7,64
d						6,5	1.30	7,80
d'						7.1	1,21	8,31
e						8,7	0,95	9,65
f	$\overset{3.5}{3.4}$			6.13	9,63	8,9	0.92	9,82
f1	$\overset{4.1}{4.0}$	4.10°°	4.1	6,02	10,12	9.8	0,80	10,60
g	B					8,7	0,95	9,65
h			5,3	5.77	11,07			
k			4,9	5,86	10,76			
l			4,8	5,88	10,68			
m			5,2	5,80	11,00			
n			5,3	5.77	11,07			
o			6,1	5,60	11,70			
p			6,6	5,50	12,10			
q			6,2	5,57	11,77			
r			6,5	5,52	12,02			
r'			7,3	5.37	12,67			
r2			7,7	5,31	13,01			
s			8,1	5,26	13,36			
t			8,7	$\overset{5}{\cancel{6}}$,19	13,89			
u			8,9	5,16	14,06			
w			√9,40!! 9,5 9,3	5,12	14,52			

Copied 38:35

MC Series 684

Dev

December 6, 1916

Card.

MC 1111g Y Lyrae RW Lyrae 18 36 +42.5 (Ref. Seq.) Alt. corr +.22

Y Lyrae

	B		C	Ca	magn	PC	Ca	magn
1						7.7	1.10	8,80
2	3.8 3.7	3.85 01	3.9	6.07	9.92	9.1	0.88	9.98
3			4.2	6.00	10,20	9.5	0.84	10,34
4			4.9	5.86	10,76			
5			5.3	5.77	11,07			
6			5.8	5.67	11,47			
7			6.0	5.63	11,63			
8			6.5	5.52	12.02			
9			6.7	5.47	12.17			
10			7.0	5.43	12.43			
11			7.1	4.5.40	12.50			
12			7.1	5.40	12.50			
13			7.3	5.37	12.67			
14			7.5	5.35	12.85			
15			7.7	5.31	13.01			
16			8.0	5.27	13.27			
17			8.3 8,4 021 8.5	5.22	13.62			
18			9.0	5.16	14.16			
19			9.0 9,05 01 9.1	5.16	14.21			
20			9.5	5.12	14.62			

Over

MC Series 684

Copied 1.59:200

Dc4 December 6, 1916 Card

MC 1119 RW Lyrae Alt. corr + .22

	B		C	Cu	Magn	PC	Cu	magn
a						7.9	1.07	8.97
b						9.0	0.90	9.90
c						8.7	0.95	9.65
d	4.3 42	4.25 10	4.2	6.00	10.25	9.5	0.83	10.33
e			4.3	5.98	10.28	9.7	0.81	10.51
f			4.9	5.86	10.76			
g			5.3	5.77	11.07			
h			5.6	5.72	11.32			
k			5.5	5.73	11.23			
l			6 ~~7~~.1	5.60	11.70			
l'			6.0	5.63	11.63			
l²			6.60 11 6.5 6.7	5.50	12.10			
m			7.1	5.40	12.50			
n			7.7	5.31	13.01			
o			7.3	5.37	12.67			
p			7.95 01 8.0 7.9	5.28	13.23			
q			8.10 00 8.1 8.1	5.26	13.36			
r			8.5	5.20	13.70			
s			7.95 10 7.9 8.0	5.28	13.23			
t			9.0	5.16	14.16			
u			9.60 11 9.5 9.7	5.12	14.72			

Seq not in center of plate.

MC Series 684

ScV December 6, 1916 Card

MC 11120 R Z Lyrae 18 29 + 32.5 (Ref Seq) Alt. mr + .21

	B	C	Cu	magn	PC	Cu	magn
1					7.8	1.10	8.90
2					8.2	1.03	9.23
3	3.8 3.7	3.85 01 3.9	6.07	9.92	9.15 3' 9.0 9.3	0.88	10.03
4		4.3	5.98	10.28	9.8	0.80	10.60
5		5.2	5.80	11.00			
6		5.5	5.73	11.23			
7		5.95 01 6.0 5.9	5.64	11.59			
8		6.0	5.63	11.63			
9		6.5	5.52	12.02			
10		6.5	5.52	12.02			
11		6.80 11 6.9 6.7	5.45	12.25			
12		7.1	5.40	12.50			
13		7.1	5.40	12.50			
14		7.3	5.37	12.67			
15		7.5	5.35	12.85			
16		7.8	5.30	13.10			
17		8.0	5.27	13.27			
18		8.7	5.19	13.89			
19		9.0	5.16	14.16			
20		9.5	5.12	14.62			

Variable seq. too near edge of plate to measure.

MC Series 684 : Copied B9a1 178

SeV December 6, 1916 Card.

MC 11121Z Vulpec. 19 +25 ack. corr +.20

	B		C	Cm	magn	PC	Cm	magn
1						7.3	1.17	8,47
2						8.1	1.04	9,14
3						8.9	0.92	9,82
4	4.0 3.9	4.10 1'	4.2	6.03	10,13	9.5	0.83	10,33
5			4.2	6.00	10,20			
6			5.1	5,82	10,92			
7			5.5	5,74	11,24			
8			6.1	5.60	11,70			
9			6.3	5,56	11,86			
10			6.5	5.52	12,02			
11			7.0	7.05 0'1 7.1 5,41	12,46			
12			7.1	5.40	12,50			
13			7.5	5.35	12,85			
14			7.8	5.30	13,10			
15			8.3	5.23	13,53			
16			8.7	5,18	13,88			
17			9.0	5,15	14,15			
18			9.5	5,12	14,62			
19			9.7	9.75 1 0 9.8 5.12	14,87			
~~20~~								

MC Series 684

Dcr December 6, 1916

MC 11122 Boötis.

	B		C	Pc
5				5.00 ±1 5.1 4.9
6	B			5.60 ±1 5.7 5.5
8	B			6.95 ±0 6.9 7.0
9	B			7.60 ±1 7.5 7.7
10	B			7.80 ±1 7.7 7.9
11	B			8.40 ±1 8.5 8.3
12	3.8 3.7	3.85 01	3.9	8.95 ±0 8.9 9.0
13			4.3	9.5
14			5.00 ±1 5.1 4.9	9.8 ?
15			5.3	
16			5.7	
17			6.1	
18			6.7	
19			7.1	
20			7.3	
23			7.9	
25			8.60 ±1 8.7 8.5	
26			9.0	
27			9.5	
28			9.7	

See page 94

1 10

MC Series 684 : Chart no 340

Sc Y December 8, 1916

11 MC 11122 Pole

	B		C		11128 p108		PC 5.15^{01}				
5							5,2	5.1	4.8	4.98^{1718}	1,51
·6							5,7		5.2	5.45^{32}	1,66
8							7.1		6.9	7.00^{11}	1.23
9							7.9		7.7	7.80^{11}	1,03
10	2.9 2.8				2.9^{a}	6,12	8,0		7.9	7.95^{01}	1,07
11	3.4 3.3				3.4^{a}	6,16 ws	8,5 ~~8.9~~		8.5	8.50^{00}	1,05
12	4.1 4.0	4.05	^{10} 4.0		4.05^{a}	5,81	9.1		9.0	9.05^{10}	0,81
13			4.3	3.95	4.12^{1817}	6,18	9.5	9.60^{11} 9.7	9.5	9.55^{0505}	0,75
14			4.9	4.3	4.60^{33}	6,05	9.9		9.8	9.85^{10}	0,80
15			5,2	4.7	4.95^{23}	6,13					
·16			5,7	5.2	5.45^{32}	5,95					
17			6,1	5.7	5.90^{22}	5,73					
18			6,5	6.2	6.35^{12}	5,71					
19			7.1	6.80	6.95^{12}	5,47					
20			7.3	7.20	7.25^{10}	5,48					
23			7.8	8.05	7.92^{1213}	5,42					
25			8,5	8.9	8.70^{32}	5,17					
26			9,1	9.5	9.30^{32}	5,03					
27			9,7	9.9	9.80^{11}	4.89					
28			9.9?		9.9^{a}	5,21					

MC Series 684 Copied B10; 120

DeV December 8, 1916 Card

MC 11123 Barte 20 0 +5 Alt. corr +11

	B	C	Cu	magn	PC	Cu	magn
1	B B				6.5	1.32	7,82
2	B				Sup.		
3	B				8,5	0,95	9,45
4		4.1	6.10	10,20	98	0.76	10,56
5		4.1	6.10	10,20	9,8	0.76	10,56
6		4.3	6.08	10,38			
7		5.5	5.60 ±1 5.7 5.86	11,46			
8		5.9	5.80	11,70			
9		6.2	5.73	11.93			
10		6.4	5.68	12,08			
11		7.5	5.45	12,93			
12		8.0	5.37	13,37			
13		8.2	8.15 01 8,15132	13,47			
14		8.3	5.30	13,60			
15		8.9	5.18	14,08			
16		9.1	5,15	14,25			
17		9.1	5.15	14.25			
18		9.7	5.04	14.74			
19		7					
20							

MC Series 684 Copied B 9a:179

DcV December 8, 1916 Card.

MC 11124 γ Sagittae 20 + 20 Alt. corr +.19

	B	C	Cu	Magn	PC	Cu	magn
a					7,2	1.18	8,38
b					8,0	1.03	9,03
c		4.0	6.11	10,11	9,8	0,77	10,57
d		4.4	6.07	10,47	7		
e		~~4.6~~			8,7	0,91	9,61
f		4,3	6.08	10,38			
g		5,4	5,90	11,30			
h		5,3	5,93	11,23			
k		5,7	5,84	11,54			
l		6,1	5.75	11,85			
m		6,7	5.61	12,31			
n		8,0	5.37	13,37			
n'		8,2	5.31	13,51			
o		7.1	5.53	12,63			
o'		7,3	5,49	12,79			
p		8.60±1 8,5 8,7	5,24	13,84			
p'		8.80±1 8,7 8,9	5,20	14,00			
q		9,5	5.07	14,57			

MC Series 684

DeV

December 8, 1916

Card.

MC 11125 Z Cygni - Ref Seq - Alt. corr + .23

	B		C	Cm	Magn	PC	Cm	magn
1	B					8.1	1.01	9.11
2	B					8.4	0.97	9.37
3	~~B~~		3.9	6.12	10,02	9.1	0.85	9.95
4	4.1 4.0	4.10^{00}	4.1	6.10	10,20			
5			4.4	6.07	10,47			
6			5.1	5.97	11,07			
7			5.3	5.93	11,23			
8			5.9	5.80	11,70			
9			6.2	5.73	11,93			
10			6.4	5.68	12,08			
11			6.5	5.64	12,16			
12			6.5	5.64	12,16			
13			7.1	5.53	12,63			
14			7.3	5.49	12.79			
15			7.5	5.45	12.95			
16			7.9	5.36	13,26			
17			8.1	5.33	13,43			
18			8.60±.1 8.5 8.7	5.24	13,84			
19			8.95±.0 8.9 9.0	5.17	14,12			
20			9.40±.1 9.3 9.5	5.10	14,50			

MC Series 684

Copied B9a:33

Card

ScV

December 8, 1916

MC 11126 NGC 6940 20 + 27 att. corr +.21

	B	C	Cu	Magn	PC	Cu	Magn
1					7.1	1.20	8.30
2					7.1	1.20	8.30
3					7.7	1.08	8.78
4					8.2	1.00	9.20
5		4.0	6.11	10.11	Sup.		
6		4.7	6.03	10.73			
7		5.1	5.97	11.07			
8		5.6	5.86	11.46			
9		6.1	6.20'' 6.3 5.73	11.93			
10		7.1	7.00'' 6.9 5.54	12.54			
11		7.7	5.40	13.10			
12		8.0	5.37	13.37			
13		8.1	5.34	13.44			
14		8.5	5.27	13.77			
15		9.0	5.17	14.17			

Mc Series 684 Copied B 9a: 32

Card.

DeV

December 8, 1916

Mc 11127 S S Cygni 20 + 55

Alt. corr + .21

	B	C	Cu	magn	PC	Cu	magn
a					5.2	1.58	6.78
b.					6.0	1.42	7.42
c					6.1	1.40	7.50
d					8.2	1.00	9.20
e					7.7	1.08	8.78
f					8.9	0.88	9.78
g					7.8	1.07	8.87
h		4.1	6.10	10,20	9,40±1 9.3 9.5	0.81	10,21
k		4.1	6.10	10,20	9.7	0.77	10,47
l		3.9	6.12	10,02	9.3	0.83	10,13
m		4.75 01 4.8 4.7	6.03	10,78			
n		6.05 01 6.0 6.1	5.76	11,81			
o		5.7	5.84	11,54			
p		6.9	5.57	12,47			
q		6.4	5.68	12,08			
r		6.2	5.73	11,93			
s'		7.1	5.54	12,64			
t'		7.5	5.45	12,95			
u'		8.0	5.37	13,37			
w'		8.5	5.27	13.77			
x'		9.0	5.17	14,17			
y'		9.3	5.10	14,40			
z'		9.75±0 9.7 9.8	5.04	14,79			

MC Series

DeV December 8, 1916

MC 11128 Ode

	B		C	PC
5				4.8
6	B			5.2
8	B			6.9.
9	B			7.7
10	B			7.9
11	B			8.5
12	B			9.0
13	3.9 3.8	$3.95^{\pm 0}$	4.0	9.5
14			4.3	9.8
15			4.7	
16			5.2	
17			5.7	
18			6.2	
19			$6.80^{\pm 1}$ 6.7 6.9	
20			$7.20^{\pm 1}$ 7.1 7.3	
23			8.05^{01} 8.0 8.1	
25			8.9	
26			9.5	
27			9.9?	

See page 102

12 45

Images poor - plate stained?

Mc Series ~~117~~ 714

Sheet no 345

Dev

December 28, 1916

11 oo Mc 11637/c Pole.

	B			C				Pc		
5				11644 P118			5.5	5.4	5.45^{10}	1.04
6							6.3	6.4	6.35^{10}	0.76
8							7.5	7.5	7.50^{00}	0.73
9							8.3	8.3	8.30^{00}	0.53
10	3.3 3.2			3.3	a.	5.72	8.7	8.5	8.60^{11}	0.42
11	3.8 3.7			3.9	3.85^{01}	5.70	9.5	9.20	9.35$^{15\ 15}$	0.20
12	4.2 4.1	4.25^{01}	4.3	4.3	4.28^{0302}	5.58	9.8	9.7	9.75^{01}	0.11
13			4.7	4.7	4.70^{00}	5.60	7			
14			5.2	5.3	5.25^{01}	5.40				
15			5.7	5.7	5.70^{00}	5.38				
16			6.1	6.1	6.10^{00}	5.30				
17			6.3	6.3	6.30^{00}	5.33				
18			6.9	7.0	6.95^{10}	5.11				
19			7.4	7.5	7.45^{01}	4.97				
20			7.9	7.7	7.80^{11}	4.93				
23			8.5	8.3	8.40^{11}	4.94				
25			9.0	8.9	8.95^{01}	4.92				
26			9.7 9.5 9.60^{11}	9.5	9.55^{0505}	4.78				
27			9.9	9.9	9.90^{00}	4.79				

MC Series ~~417~~ 714

Copied B 10:131

Card

ScV

December 28, 1916

MC11638 Carte-19 0 -25

Ald. corr-.23

	B		C	Cr	magn	pc	cr	magn
1						9.1	0.28	9.38
2						9.3	0.23	9.53
3	4.4 4.3	4.40°°	4.4	5.58	9.98			
4			4.4	5.58	9.98			
5			4.7	5.53	10.23			
6			5.1	5.46	10.56			
7			5.3	5.42	10.72			
8			5.5	5.38	10.88			
9			5.9	5.30	11.20			
10			6.7	5.17	11.87			
10a			6.7	5.17	11.87			
11			6.9	5.15	12.05			
12			7.3	5.08	12.38			
13			7.5	5.04	12.54			
14			7.9	4.99	12.89			
15			8.2	4.96	13.16			
15a			7.7	5.03	12.73			
16			8.7	4.90	13.60			
17			8.9	4.88	13.78			
18			9.3	4.84	14.14			
19			F.					
20								

MC Series ~~417~~ 714

DeV December 28, 1916 Card

MC 11639 Ref Seq 20 40 + 5.0 alt. corr + .07

	B		C	Cu	magn	PC	Cu	magn
1						7.9	0,58	8,48
2						8.2	0.53	8.73
3						8.7	0.40	9.10
4	4.2 4.1	4.26''	4.3	5.61	9.86			
5			4.9	5.48	10,38			
6			5.7	5.34	11,04			
7			5.9	5.30	11,20			
8			6.2	5.24	11,44			
9			7.00'' 6.9 7.1	5.13	12,13			
10			7.3	5,08	12,38			
11			7.5	5.05	12,55			
12			7.60'' 7.5 7.7	5.03	12,63			
13			7.85'' 7.9 7.8	5.00	12,85			
14			8.20'' 8.3 8.1	4.96	13,16			
15			8.40'' 8.5 8.3	9 4.52	13.3 ~~12.92~~			
16			8.7	4.90	13,60			
17			9.2	4.85	14,05			
18			9.5	4.83	14,33			
19			9.8	4.79	14.59			
~~20~~								

Mc Series ~~417~~ 714

Copied B 8: 94

ScV

December 28, 1916

Card.

Aut. corr +.15

Mc 11640 b 11 21 + 15

	B	C	Cu	magn	PC	Cu	magn
1					5.9	0.88	6.78
2					6.3	0.81	7.11
3					7.1	0.71	7.81
4					7.3	0.68	7.98
5					7.7	0.62	8.32
6					7.7	0.62	8.32
7					8.5	0.46	8.96
8					8.7	0.40	9.10
9					9.0	0.33	9.33
10					9.0	0.33	9.33
11	3.9 3.8	3.95 ±0	4.0 5.67	9.62	9.9	0.1	"
12			4.1 5.65	9.75	9.9	"	"
13			4.0 5.67	9.67	very close to br. im		
14			4.2 5.63	9.83			
15			4.80 4.9 4.75,50	10.20			
16			5.3 5.42	10.72			
17			5.8 5.31	11.11			
18			5.9 5.30	11.20			
19			6.15 01 6.2 6.15,26	11.41			
20			6.2 5.25	11.45			
21			6.9 5.14	12.04			
22			7.1 5.12	12.22			
23			7.1 5.12	12.22			
24			7.2 5.20	12.30			
25			7.5 5.04	12.54			
26			7.9 4.99	12.89			
27			8.0 4.98	12.98			
28			8.1 4.96	13.06			

Mc Series 714 ~~417~~

DeV December 28, 1916

Mc 11640 cont.

		Cu	magn
29	8.5	4.92	13.40
29a	8.7	4.90	13.60
29b	9.0	4.87	13.87
30	9.2	4.85	14.05
31	9.3 9.25^{10} 9.2	4.83	14.08
32	9.5	4.82	14.32
33	7		

MC Series 714 ~~417~~

: Copied B10!60

ScN December 28, 1916 Card

MC 11641 Carte 21 u +40 Alt. corr +.21

	B	C	Cu	magn	Pc	Cu	magn
1					5.7	0.91	6,61
2					6.5	0.78	7,28
3					7.2	0.68	7,88
4					7.3	0.67	7,97
5					8.9	0.35	9,25
6					8.9	0.35	9,25
7	3.5 3.4		5.78	9.28	9.5? near another im.	0.17	9,67
8		3.9	5,68	9,58			
9		5.1	5.46	10.56			
10		5.5	5.39	10,89			
11		5.9	5.30	11,20			
12		6.1	5.27	11,37			
13		7.2	5.10	12,30			
14		7.30" 7.4 7.2	5,08	12,38			
15		8.5	4.92	13,42			
16		8.7	4.90	13,60			
17		9.8	4.79	14,59			
18		7					
19							
20							

Mc Series ~~717~~ 714

Dec December 28, 1916 Card.

Mc 11642 Ref Seq 21 0 +62.5 ad. corr 7.18

	B	C	Cn	Magn	Pc	Cn	Magn
1					7.7	0.76	7.46
2					7.5	0,65	8,15
3					8.5	0.45	8.95
4					9.20^{21} 9.1 9.3	0,26	9,46
5		4,8	5.51	10,31			
6		5.5	5.39	10,89			
7		6.0	5.27	11,27			
8		6.1	5.26	11,36			
9		7.0	5.13	12,13			
10		7.1	5.10	12,20			
11		7.3	5,07	12,37			
12		7.5	5,05	12,56			
13		7.7	5.03	12,73			
14		7.9	4.99	12,89			
15		8.0	4.98	12,98			
16		8.1	4.97	13.07			
17		8.3	4.95	13.25			
18		8.9	4.87	13,77			
19		9.7 9.75^{10} 9.8	4,79	14,54			
20							

12 50

MC Series ~~417~~ 714 Copied B8:178

DCY December 28, 1916 Card.

1 15 MC 11643 D12 23 – 15 Qlt. corr -.18

	B	C	Cr	Magn	PC	Cr	magn
1					7.2	0.70	7,90
2					6.9	0.73. Poor im.	7,63
3					7.9.	0.57	8,47
4					8.1	0.55	8,65
5					7.9	0.58	8.48
6					8.5	0.46	8,96
7					8.9	0.35	9,25
8					8.9	0,35	9,25
9					9.0	0.33	9,33
10					9.3	0.23	9,53
11					9.5	0.18	9,68
12		3.8	5.70	9,50	9.7	0.13	9.83
13		4.0	5,67	9,67	9.9		
14		4.3	5,60	9.90			
15		4.6	5,55	10.15			
16		4.7	5,53	10,23			
17		5.3	5,42	10,72			
18		5.5	5.38	10,88			
19		5.8	5.30	11,10			
20		6.1	5.27	11,37			
21		6.3	5.24	11,54			
22		6.3	6.40 21 6.5 5,22	11,62			
23		7.0	5.13	12,13			
24		7.1	5,12	12,22			
25		7.3	5,08	12,38			
26		7.5	5.05	12,55			
27		7.7	5.02	12,72			
27a		7.9	4.99	12,89			
28		8.2	4,96	13,16			

MC Series ~~417~~ 714

8cN December 28, 1916

29	8.3	4.95		13.25
30	8.7	4.90		13.60
31	9.0	4.87		13.87
32	9.1	4.85		13.95
33	9.5	4.82		14.32
34	9.7	4.79		14.49
35	9.7	9,75±0 9.8	4.79	14.54
36	F ~~9.5~~			

8c images elongated.

Mc Series $\frac{714}{\cancel{417}}$

Scl December 28, 1916

Mc 11644	B	C	Pole	Pc
5				5.4
6				6.4
8				7.5.
9				8.3
10				8.5
11		3.9		9.2 or 1 9.1 9.3
12		4.3		9.7
13		4.7		
14		5.3		
15		5.7		
16		6.1		
17		6.3		
18		7.0		
19		7.5		
20		7.7		
23		8.3		
25		8.9		
26		9.5		
27		9.9		

2 07

See page 109

Interrupted during the time - do not know how long - omitted to note time —

Mc Series 714 Sheet no 345

SeV

January 4, 1917

1 30 Mc11644 Bole

	B	C				Pc			
5			11648 p123			5.5	5.4	5.45^{10}	1.04
6						6.2	6.1	6.15^{01}	0.96
8						7.5	7.7	7.60^{11}	0.63
9						8.1	8.20	$8.15^{05\,05}$	0.68
10						8.5	8.5	8.50^{00}	0.52
11		4.0	3.9	3.95^{01}	5.60	9.2	9.0	9.10^{11}	0.45
12		4.4	4.2	4.30^{11}	5.56	9.8	9.7	9.75^{01}	0.11
13		4.9	4.7	4.80^{11}	5.50	7			
14		5.2	5.1	5.15^{01}	5.50				
15		5.8	5.5	5.65^{21}	5.43				
16		6.1	6.0	6.05^{10}	5.35				
17		6.3	6.3	6.30^{00}	5.33				
18		7.0	7.0	7.00^{00}	5.06				
19		7.4	7.3	7.35^{10}	5.07				
20		7.7	7.60	7.65^{10}	5.08				
23		8.2	8.1	8.15^{01}	5.19				
25		8.7	8.9	8.80^{11}	5.07				
26		9.5	9.40^{11} 9.3 9.5	$9.45^{05\,05}$	4.88				
27		9.8	9.9	9.85^{10}	4.84				

Mc Series 714

Sct

January 4, 1917

Card.

Mc 11645 ~~Scale~~ DM Ref. Seq 23 30-75

alt. corr -.04

	B		C	Cu	Magn	PC	Cu	magn
1						7.5	0.73	8.23
2						7.8	0.48	8.48
3	3.9 3.8	3.95 10	4.0	5.60	9.55	9.7	0.20	9.90
4			4.25 10 4.3 4.2	5.58	9.83	9.9	-	
5			4.3	5.57	9.87	F		
6			5.2	5.44	10.64			
7			6.0	5.35	11.35			
8			6.1	5.34	11.44			
9			6.7	5.26	11.96			
10			6.8	5.24	12.04			
11			7.1	5.20	12.30			
12			7.3	5.17	12.47			
13			7.60 11 7.5 7.7	5.13	12.73			
14			7.5	5.15	12.65			
15			7.9	5.09	12.99			
16			8.1	5.07	13.17			
17			8.5	5.03	13.53			
18			8.9	4.98	13.88			
19			9.5	4.90	14.40			
20			9.8					

Mc Series 714

Dc Y

~~January~~ 4, 1917

Mc 11646

	B	C	Cr	magn	PC	a	magn	adt. ovr +.17
1					7.1	0.80	7.90	
2					7.8	0.68	8.48	
3					8.4	0.57	8.97	
4		4.2	5.58	9.78	9.40±1 9.3 9.5	0.30	9.70	
5		5.1	5.47	10.57				
6		5.1	5.47	10.57				
7		5.5	5.41	10.91				
8		6.2	5.33	11.53				
9		6.2	5.33	11.53				
10		6.7	5.26	11.96				
11		6.9	5.24	12.14				
12		7.1	5.20	12.30				
13		7.5	5.15	12.65				
14		7.60±1 7.5	7.7 5.13	12.73				
15		8.1	5.07	13.17				
16		8.5	5.03	13.53				
17		8.5	5.03	13.53				
18		8.9	4.98	13.88				
19		9.5	4.90	14.40				
20		9.8						

MC Series 714

Copied B 10:158

DeV January 4, 1917

Card.

MC 11647		Cast. 0		20 - 23.5			QDt corr -.45
	B	C	Cr	Magn	PC	Cr	magn
1					5,0	1.092	6,09
2					5.4	1.05	6,45
3					7.70^{21} 7.6.78	0.70	8,40
4					8.7	0.50	9,20
5		43	5,57	9,87	9.9 ?		
6		38	5,62	9,42	9.8	0.15	9.95
7		4.6	4.45^{21} 4.3 5,54	9,99			
8		5.3	5.44	10,74			
9		6,0	5.35	11,35			
10		6.2	5.32	11,52			
11		6.2	5.32	11,52			
12		7.1	5.20	12,30			
13		7.7	5.12	12,82			
14		7.8	5.10	12,90			
15		8.1	5.07	13,17			
16		8.5	8.60^{21} 8.7 5.01	13,61			
17		8.9	4.98	13,88			
18		9.0	4.97	13,97			
19		9.2	4.94	14,14			
20		9.5	9.60^{21} 9.7 4,87	14.47			

PC images poor - hazy - Intervals bet comp stars are larger in some cases - than usual?

MC Series 714

Sc V

January 4, 1917

MC 11648 Pole

	B	C	PC
5			5.4
6			6.1
8			7.7
9			8.20±1' 8.1 8.3
10			8.5
11		3.9	9.0
12		4.2	9.7
13		4.7	F
14		5.1	
15		5.5	
16		6.0	
17		6.3	
18		7.0	
19		7.3	
20		7.60±1' 7.5 7.7	
23		8.1	
25		8.9	
26		9.5	
27		9.9	

2 25

See page 119

MC Series 717

Copied B8:176

DeV

January 19, 1917

Card.

Alt. corr. -.20

12 30 MC 11675 D 11 21-15

	B	C	Cu	Magn	PC	Cu	Magn
1					7.0	0.60	7.60
2					7.5	0.45	7.95
3					7.5	0.45	7.95
4					7.6	0.43	8.03
5					7.7	0.40	8.10
6					7.9	0.32	8.22
7					8.1	0.27	8.37
8					7.8	0.35	8.15
9					8.7	0.07	8.77
10					8.7	0.07	8.77
11					8.9	0.00	8.90
12					9.1	-0.07	9.03
13		3.9	5.47	9.37	9.7	-0.24	9.46
14		4.3	5.44	9.74	9.9	-0.30	9.60
15		4.9	5.36	10.26			
16		4.9	5.36	10.26			
17		5.1	5.33	10.43			
18		5.3	5.30	10.60			
19		5.5	5.28	10.78			
20		5.50±1 5.4	5.28 5.6	10.78			
21		5.7	5.24	10.94			
22		5.7	5.24	10.94			
23		6.0	5.17	11.17			
24		5.9	5.20	11.10			
25		6.7	5.01	11.71			
26		7.0	4.97	11.97			
27		7.2	4.92	12.12			
28		7.2	4.92	12.12			

1915phae.proj..999L

MC Series 717

January 19, 1917

MC 11675		Cu	Magn
29	7.5	7.60±1 7.7 4.83	12.43
30	7.8	4.78	12.58
31	8.3	8.40±1 8.6 4.67	13,07
32	8.5	4.65	13.15
33	8.7	4.63	13,33
34	8.9	4.59	13,49
35	9.1	4.56	13,66
36	9.3	4.54	13,84
37	9.7	4.50	14,20
38	F		

MC Series 717

Sheet no 351

8cV

January 19, 1917

MC 11676 Pole

	B	C				PC			
5			11680 P131			5.7	5.3	5.50^{22}	0,99
6						6.4	6.2	6.30^{11}	0,81
8						7.8	7.9	7.85^{01}	0,38
9						8.7	8.9	8.80^{11}	0,03
10						9.0	9.3	9.15	-0,13
11		4.1	4.05	4.08^{0203}	5,47	9.8	?9.8	9.80^{00}	-0,25
12		4.6	4.4	4.50^{11}	5,36	7			
13		5.0	5.0	5.00^{00}	5,30				
14		5.5	5.3	5.40^{11}	5,25				
15		5.8	5.7	5.75^{01}	5,33				
16		6.3	6.20	6.25^{10}	5,15				
17		6.7	6.5	6.60^{11}	5,03				
18		7.2	7.1	7.15^{01}	4,91				
19		7.5	7.60^{21} 7.7 7.60	7.60^{00}	4,82				
20		8.0	7.9	7.95^{01}	4,78				
23		8.8	8.60	8.70^{1010}	4,64				
25		9.5?	9.3 Scr.	9.40^{11}	4,47				
26		9.8	9.8	9.80^{00}	4,53				
27		7							

8C images faint

MC Series 717

DcV

January 19, 1917

Card.

MC/B 11677 C 20 40 + 5.0

	C	Cu	Magn	PC	Cu	Magn
1				7.9	0.33	8.23
2				8.2	0.23	8.43
3				8.9	0.00	8.90
4	4.7 4.9 4.80''	5.37	10,17	9.9 ?	-0.30	9.60
5	5.1	5,33	10,43			
6	5.7	5.24	10,94			
7	6.0	5,18	11.18			
8	6.3	5,10	11,40			
9	6.7	5,02	11,72			
10	7.2	4.92	12,12			
11	7.4	4.87	12,27			
12	7.7 7.5 7.60''	4.83	12,43			
13	7.8	4.77	12,57			
14	8.0	4.74	12.74			
15	8.2	4.70	12,90			
16	8.7	4.63	13,33			
17	9.2	4.55	13.75			
18	9.8 9.7 9.75''	4.50	14,25			
19	9.5 9.7 9.60''	4.51	14,11			
~~20~~						

Std. corr +.06
Overexpos +24
30

MC Series 717

Copied B8:94

Card

Att. corr + .14

ScV January 19, 1917

MC 11678 D11 21+15

	B	C	Cu	Magn	PC	Cu	magn
1					6.7	0.68	7,38
2					6.9	0.62	7,52
3					7.3	0,50	7,80
4					7.3	0,50	7.80
5					7.7	0.40	8.10
6					7.9	0.33	8,23
7					8.7	0.06	8.76
8					8.9	0.00	8.90
9		3.9	5.47	9.37	9.5 9.60!! 9.7	-0.22	9.38
10		4.1	5.46	9.56	9.8	-6.27	953
11		4.3	5.43	9,73			
12		4.3	5.43	9.73			
13		4.3	5.43	9,73			
14		4.8	5.38	10,18			
15		5.2	5.32	10,52			
16		5.5	5.28	10,78			
17		6.0	5.18	11,18			
18		6.1	5.16	11,26			
19		6.3	5.10	11,40			
20		6.5	5.06	11,56			
21		7.1	4.94	12,04			
22		7.3	4.88	12,18			
23		7.5	4.85	12,35			
24		7.9	4.77	12,67			
25		7.8	4.78	12,58			
26		8.7	4.62	13,32			
27		8.5	4.65	13,15			
28		8.5 8.60!! 8.7	4.63	13,23			

MC Series 717

ScV January 19, 1917

MC 11678 (cont)			Fu	Magn
29	8.7	9.0 8.85±2	4.60	13,45
30	9.7		4.50	14,20
31	9.8	?	4.50	14.30
29a	9.1	9.3 9.20±1	4.55	$1\overset{3}{\cancel{4}}75$
29b	9.7		4.50	14 20

Mc Series 717

Copied 13 10; 60

Sct

January 19, 1917

Card.

alt. corr + .20

Mc 11679 Date 21 ± 40

	B		C	Cr	Magn	Sc	Cr	Magn
1						6.0	0.90	6.90
2						6.8	0.65	7.45
3						7.5	0.45	7.95
4						7.5	0.45	7.95
5						8.60±' 8.5 8.7	0.10	8.70
6						8.9	0.00	8.90
7	3.9 3.8	3.95 10	4.0	5.47	9,42	9.8	-0.26	9.54
8			4.4	5.42	9,82			
9			5.9	5.20	11,10			
10			6.1	5.16	11,$\overset{2}{\cancel{7}}$6			
11			6.7	5.02	11,72			
12			7.0	4.97	11,97			
13			7.60'' 7.7 7.5	4.83	12,43			
14			7.5	4.84	12,34			
15			8.2	4.70	12,90			
16			8.7	4.63	13,33			
17			9.60±' 9.5 9.7	4.52	14,12			
18			9.7	4.50	14,20			
19			F 9.9?	4.50	14,40?			
20			F					

Mc Series 717

January 19, 1917

Sct

Mc 11680 Pole

	B		C		PC
5					5.3
6					6.2
8					7.9
9					8.9
10					9.3
11	4.0 3.9	4.05 01	4.1		9.8
12			4.4		7
13			5.0		
14			5.3		
15			5.7		
16			6.1	6.20±1 6.3	
17			6.5		
18			7.1		
19			7.5	7.60±1 7.7	
20			7.9		
23			8.5	8.60±1 8.7	
25			9.3		
26			9.8		
27			7		

2 vv See page 126

MC Series 717

Sheet no 351

ScV

January 23, 1917

10 5 MC 11680 Bole

	B		C	11686 1°137			PC			
5							5.5	5.3	5.40^{11}	1.09
6							6.4	6.1	6.25^{21}	0.86
8							7.8	7.7	7.75^{01}	0.48
9							8.8	8.7	8.75^{01}	0.08
10							9.2	8.7	8.95^{23}	0.07
11	$\overset{4.0}{3.9}$	4.05^{01}	4.1	3.9	3.98^{0708}	5.57	9.7	9.40	9.55^{12}	0.00
12			4.4	4.3	4.35^{01}	5.51	F	9.8	9.8^{2}	0.06
13			4.9	4.7	4.80^{11}	5.60				
14			5.3	5.1	5.20^{11}	5.45				
15			5.7	5.5	5.60^{11}	5.48				
16			6.1	6.1	6.10^{10}	5.30				
17			6.5	6.3	6.40^{11}	5.23				
18			7.1	6.9	7.00^{11}	5.06				
19			7.5	7.3	7.40^{11}	5.02				
20			8.0	7.8	7.90^{11}	4.83				
23			8.7	8.5	8.60^{11}	4.74				
25			9.3	9.0	9.15^{11}	4.72				
26			9.8	9.5	9.65^{21}	4.68				
27			7	9.9	9.9^{2}	4.79				

Mc Series 717

S.c.V January 23, 1917 Card.

Mc 11681 Eunomia - Ref Seq 22 30 + 75

Alt. corr + .12

	B		C	Cu	magn	PC	Cu	magn
1						7.1	0,60	7,70
2						7.8	0,37	8,17
3						8.0	0,32	8,32
4	4.1 4.0	4,10 °°	4.1	5,60	9,70	9.9	0,04	9,94
5			4.4	4.35 -.01 4.3 5,57	9,92			
6			5.2	5,46	10,66			
7			5.5	5,40	10,90			
8			6.3	5,23	11,53			
9			6.5	5.17	11,67			
10			6.8	5,13	11,93			
11			7.0	5.08	12,08			
12			7.5	4.95	12,45			
13			7.7	4.91	12,61			
14			8.1	4,84	12,94			
15			8.5	4.76	13,26			
16			8.9	4.73	13,63			
17			9.5	4.72	14,22			

MC Series 717 Copied B8:188

Card.

ScV January 23, 1917

alt. corr – .16

MC 11682 D12 23-15

	B		C	Cu	Magn	PC	Cu	magn
1						7.8	0.38	8.18
2						7.0	0.64	7.64
3						8.2	0.24	8.44
4						8.3	0.22	8.52
5						8.1	0.27	8.37
6						8.7	0.10	8.80
7						9.1	0.04	9.14
8						9.2	0.03	9.23
9						9.5	0.02	9.52
10	2.9 3.8	4.00 ±1	4.1	5.60	9.60	9.8	0.03	9.83
11			4.2	5.58	9.78	9.8	0.03	9.83
12			4.3	5.57	9.87	9.8	0.03	9.83
13			4.3	5.57	9.87	9.8	0.03	9.83
14			4.7	5.53	10.23			
15			4.9	5.50	10.40			
16			5.2	5.46	10.66			
16a			5.7	5.37	11.07			
17			6.1	5.28	11.38			
18			6.1	5.28	11.38			
19			6.3	5.23	11.53			
20			6.5	5.18	11.68			
21			6.5	5.18	11.68			
22			7.1	5.06	12.16			
23			7.4	4.97	12.37			
24			7.7	4.91	12.61			
25			7.7	4.91	12.61			
26			7.7	4.91	12.61			
27			7.9	4.86	12.76			
28			8.1	8.20±1 8.3 4.81	13.01			

MC Series 717

ScV January 23, 1917

MC 11682 (cont)

		C	magn
29	8.5	4.76	13.26
30	8.9	4.73	13.63
31	9.40!! 9.3 9.5	4.72	14.12
32	9.5	4.73	14.23
33	9.5	4.73	14.23
27a	8.1	4.84	13.94
34	98	4.76	14.56
35	F		

MC Series 717

Card.

S.V

January 23, 1917

Alt. corr. –.09
Corr expd +.09
.00

MC 11683 BM Ref. 23–10

	B		C	Cn	Magn	PC	Cn	magn
1						7.7	0,40	8.10
2						8.7	0.10	8.80
3						9.0	0,04	9.04
4						9,40'' 9.3 9.5	0.02	9.42
5	4.3 4.2	4.30°°	4.3	5.57	9.87	9.8	0.03	9.83
6			4.7	5.53	10,23			
7			5,1	5.47	10,57			
8			6.0	5.30	11,30			
9			6,3	5.23	11,53			
10			6,6	5.14	11,76			
11			7.0	5.08	12,08			
12			7.4	4.97	12,37			
13			7.60'' 7.5 7.7	4.93	12,53			
14			7.7	4.91	12,61			
15			7.9	4.87	12,77			
16			8,2	4.81	13,01			
17			8.7	4.74	13,44			
18			9.40'' 9.3 9.5	4.72	14,12			
19			9.5	4.73	14.23			
20			9.8	4.74	14,54			

Mc Series 717

DeV

January 23, 1917

Card.

Mc 11684 23 30 7.5

Ats. corr −.04

	B		C		Cr	magn	PC	Cr	magn
1							7.5	0.47	7.97
2							7.7	0.40	8.10
3	4.0 3.9	4.00	4.0		5.60	9.60	9.7	0.03	9.73
4			4.7	4.55 1/2 4.4	5.54	10.09			
5			4.7		5.53	10.23			
6			5.4		5.43	10.83			
7			6.1		5.27	11.37			
8			6.3		5.24	11.54			
9			6.7		5.15	11.85			
10			7.0		5.08	12.68			
11			7.3		5.00	12.30			
12			7.5		4.94	12.44			
13			7.5	7.60±1 7.7	4.93	12.53			
14			7.5		4.95	2 13.45			
15			7.7		4.90	12.60			
? 16			8.2	8.25±01 8.3	4.80	13.05			
17			8.9		4.73	13.63			
18			9.0		4.72	13.72			
19			9.5	9.60±1 9.7	4.73	14.33			
20			F?						

MC Series 717

DcV

January 23, 1917

Card.

Abs. corr + .18

MC 11685 23 40 + 67.5

	B	C	Cr	magn	PC	Cr	magn
1					7.0	0.64	7.64
2					7.9	0.35	8.25
3					8.7	0.10	8.80
4					9.3	9.40'' 9.5 0.02	9.42
5		4.8	5.51	10.31			
6		5.0	5.48	10.48			
7		5.5	5.41	10.91			
8		6.1	5.28	11.38			
9		6.1	5.28	11.38			
10		6.7	5.14	11.84			
11		6.8	5.13	11.93			
12		7.20'' 7.1 7.3	5.03	12.23			
13		7.5	4.95	12.45			
14		7.5	4.95	12.45			
15		8.3	4.79	13.09			
16		8.5	4.77	13.27			
17		8.7	4.74	13.44			
18		9.3	4.72	14.02			
19		9.7	4.73	14.43			
20		9.9 ?	4.76	14.66 ?			

Mc Series 717

Ser January 23, 1917

Mc 11686 Pole

		pc
5		5.3
6		6.1
8		7.7
9		8.7
10		8.7
11	3.9	9.40±' 9.3 9.5
12	4.3	9.8
13	4.7	
14	5.1	
15	5.5	
16	6.1	
17	6.3	
18	6.9	
19	7.3	
20	7.8	
23	8.5	
25	9.0	
26	9.5	
27	9.9	

11 — 35 See page 132

MC Series 663

Sheet no 357

Dec

February 2, 1917

1 40 MC 10842 Bole – (1st half of Ser)

	B	C					RC			
5			10847 p145				5.3	5.2	5.25^{10}	1,24
6							5.9	5.7	5.80^{11}	1,31
8							7.2	7.3	7.25^{01}	0,98
9							8.0	8.0	8.00^{00}	0,83
10							8.2	8.3	8.25^{01}	0,77
11	4.20^{11} 4.3	4.1	4.0	4.10^{11}	5,45		8.7	9.0	8.85^{12}	0,70
12	4.5		4.6	4.55^{10}	5,21		9.2	9.5	9.35^{21}	0,51
13	5.0		5.1	5.05^{01}	5,25		9.7	9.8	9.75^{10}	0,55
14	5.5		5.4	5.45^{10}	5,20					
15	5.9		5.9	5.90^{00}	5,18					
16	6.3		6.1	6.20^{11}	5,20					
17	6.5		6.5	6.50^{00}	5,13					
18	7.1		7.1	7.10^{00}	4,96					
19	7.3		7.3	7.30^{00}	5,12					
20	7.60^{21} 7.5	7.7	7.7	7.65^{01}	5,08					
23	8.1		8.2	8.15^{10}	4.89					
25	8.7		8.9	8.80^{11}	5.07					
26	9.3		9.5	9.40^{11}	4.93					
27	9.8		9.9	9.85^{01}	4.84					

MC Series 663 Copied B10:166

DeV February 2, 1917 Card.

MC 10843 Barte. 16 – 23.5 Ext corr − .45

	B	C	Ca	magn	Pc	Ca	magn
1					6.7	1.06	7.76
2					7.8	0.84	8.64
3		4.2	5.40	9.60	9.1	0.62	9.72
4		4.8	5.29	10.09			
5		5.3	5.23	10.53			
6		6.0	5.16	11.16			
7		6.7	5.10	11.80			
8		6.5	5.12	11.62			
9		7.1	5.07	12.17			
10		7.7 7.5 7.60''	5.02	12.62			
11		7.5	5.03	12.53			
12		7.9	5.00	12.90			
13		8.7	4.95	13.65			
14		9.0	4.94	13.94			
15		9.5	4.90	14.40			
16		9.9	4.88	14.78			

Images poor.

MC Series 663 Copied B9a:216

ScY February 2, 1917 Card.

MC 10844 SW Oph. 16 – 7.5

Cat corr −.04
30^{m} over expo corr +.04
.00

	B	C	ln	magn	PC		
a		4.8	5.30	10.10			
f		4.2	5.40	9.60	9.5	0.59	10.09
c		5.4	5.22	10.62			
d		5.3	5.23	10.53			
e		6.5	5.12	11.62			
f		6.8	5.09	11.89			
g		7.1	5.07	12.17			
h		7.5	5.03	12.53			
k		7.7	5.01	12.71			
l		8.0	5.00	13.00			
m		8.60±' 8.5 8.7	4.96	13.56			
n		8.8	4.95	13.75			
o		9.20±' 9.1 9.3	4.93	14.13			
p		9.8	4.90	14.70			
q		F					
c'		5.9	5.18	11.08			

MC Series 663 Copied B 8: 132

DeY February 2, 1917

Card.

MC 10845 Dq 17–18

alt. over-18

	B	C	Cu	magn	PC		
1					6.2	1.16	7,36
2					6.4	1.11	7,51
3					6.5	1.09	7.59
4					6.5	1.09	7.59
5					6.5	1.09	7.59
6					7.1	0.98	8.08
7					7.7	0.86	8.56
8					7.2 7.5 7.35^{21}	0.93	8.28
9					7.7	0.87	8.57
10		4.0	5.44	9.44	9.0	0.64	9.64
11		3.9 3.8 3.85^{10}	5.47e	9.32e	8.7	0.68	9.38
12		4.2	5.40	9.60	9.3 9.5 9.40^{21}	0.60	10.00
13		4.1	5.42	9.52	9.3	0.61	~~10~~ 9.91
14		4.9	5.28	10.18			
15		4.7	5.31	10.01			
16		4.9	5.28	10.18			
17		5.1	5.26	10.36			
18		5.3	5.24	10.54			
19		5.3	5.24	10.54			
20		5.5	5.20	10.70			
21		6.0	5.16	11.16			
22		5.8	5.18	10.98			
23		6.3	5.13	11.43			
24		6.3	5.13	11.43			
25		6.7	5.10	11.80			
26		7.1	5.07	12.17			
27		7.7 7.5 7.60^{12}	5.02	12.62			
28		7.7	5.01	12.71			

	Y		
W.W. 29	8.8	5.01	12.71
30	8.7	4.96	13.66
31	9.3 9.5 9.40^{21}	4.92	14.32
32	9.5 9.7 9.60^{21}	4.90	14.50

MC Series 663

Card

ScV

February 2, 1917

MC 10846 Dm 17-15

Alt corr -19

	B	C	Cor	Magn	PC		
1					7.2	0.96	8.16
2					8.7	0.68	9.38
3					9.1	0.63	9.73
4		4.3	5.38	9.68	9.7	0.57	10.27
5		5.0	5.27	10.27			
6		5.4	5.22	10.62			
7		5.7	5.80'' 5.9 5.18	10.98			
8		6.2	5.14	11.34			
9		6.3	5.13	11.43			
10		6.8	5.10	11.90			
11		7.0	5.08	12.08			
12		7.5	5.03	12.53			
13		7.5	7.60'' 7.7 5.02	12.62			
14		7.7	5.01	12.71			
15		8.7	4.96	13.66			
16		8.8	4.95	13.75			
17		9.5	9.40'' 9.3 4.92	14.32			

MC Series 663

Sct February 2, 1917

MC 10847 Pole

	B	C	PC	
5			5,2	Near br. inv.
6			5,7	
8			7.3	
9			8,0	
10			8,3	
11		4,0	9,0	
12		4.6	9,5	
13		51	9.8	near dif?
14		5.4		
15		5.9		
16		61		
17		6,5		
18		7.1		
19		7.3		
20		7.7		
23		8,2		
25		8.9		
26		9.5		
27		9.9		

2 55 See page 140

MC Series 445 (Second Half)

Sheet no 357

ScV

February 5, 1917

9 50 MC 7792 Pole

	B	C				Pc			
5		7798 p 151				4.5 ~~6.2~~	4.7	4.8 4.75^{10}	1.74
6						5.4	5.3	5.35^{01}	1.76
8						6.7	6.7	6.70^{00}	1.53
9						7.5	7.35	7.42$^{06\,07}$	1.41
10						7.7	7.8	7.75^{10}	1.27
11						8.1	8.2	8.15^{10}	1.40
12		4.2	4.1	4.15^{01}	5.71	8.5	8.7	8.60^{11}	1.26
13		4.8	4.7	4.75^{01}	5.55	9.0	9.2	9.10^{11}	1.20
14		5.3	5.1	5.20^{11}	5.45	9.5	9.60	9.55^{10}	1.10
15		5.5	5.6	5.55^{10}	5.53	9.9		9.9 a.	1.18
16		6.0	5.95	5.98$^{02\,02}$	5.42				
17		6.3	6.3	6.30^{00}	5.33				
18		6.7	6.7	6.70^{00}	5.36				
19		7.1	7.00	7.05^{10}	5.37				
20		7.4	7.3	7.35^{01}	5.38				
23		7.9	7.85	7.88$^{02\,03}$	5.46				
25		8.5	8.3	8.40^{11}	5.47				
26		9.1	8.9	9.00^{11}	5.33				
27		9.5	9.3	9.40^{11}	5.29				
28		9.9	9.85^{10} 9.8 9.7	9.78$^{07\,05}$	5.33				

Mc Series 445 Copied B10: 162

Card.

ScV February 5, 1917

@ corr -.45

Mc 7793 Carte 8h – 23.5

	B		C	Cr	magn	PC	Cr	magn
1						4.7	1.80	6.50
2						5.9 6.00±.1 6.1	1.64	7.64
3						6.8	1.51	8.31
4						7.4	1.42	8.82
5						7.5	1.40	8.90
6			3.8	5.~~47~~ 70 e	9.50	8.9	1.23	10.13
7	3.5 3.4	3.60±.1	3.7	~~5.50~~ e	.	8.8 8.85±.01 8.9	1.24	10.09
8			4.3	5.~~28~~ 65	9.95	9.3 9.40±.1 9.5	1.18	10.58
9			5.0	5.~~27~~ 35	10.55			
10			5.5	5.~~20~~ 49	10.99			
11			5.5	5.~~20~~ 49	10.99			
12			6.2	5.44	11.64			
13			6.5	5.43	11.93			
14			6.8	5.~~09~~ 40	12.20			
15			7.0	5.~~08~~ 40	12.40			
16			7.5	5.~~03~~ 40	12.90			
17			7.7	5.~~04~~ 39	13.09			
18			8.2	~~4.98~~ 5.38	13.58			
19			8.~~7~~5	~~4.97~~ 5.37	13.~~6~~8 7			
20			9.0 9.10±.1 9.2	~~4.93~~ 5.34	14.44			

Images not circular.

MC Series 445

Copied B8:118

DeV

February 5, 1917

Card.

MC 7795 D5 9-15

alt corr -.18

	B	C	Cu	magn	PC	Cu	magn		PC	Cu	magn
1					5.3	1.75	7.05	29	7.9	5.38	13.28
2					6.1	1.63	7.73	30	8.2	5.38	13.58
3					5.9 $\overset{5.85^{10}}{5.8}$	1.67	7.52	31	8.3	5.38	13.68
4					6.4	1.58	7.98	32	8.5	5.37	13.87
5					6.9	$\overset{1.50}{\cancel{7.1}}$	8.40	33	8.7	5.36	14.06
6					6.9	1.50	8.40	34	8.9	5.36	14.26
7					7.2	1.44	8.64	35	9.0 $\overset{9.10^{11}}{9.2}$	5.34	14.44
8					7.3	1.43	8.73	36	9.7 $\overset{9.75^{10}}{9.8}$	5.32	15.07
9					7.8	1.37	9.17	37	9.7	5.32	16.02
10					8.7 $\overset{8.60^{11}}{8.5}$	1.27	9.87	38	9.9	5.31	16.21
11					8.5	1.28	9.78				
12		3.9	5.70	9.60	8.7 $\overset{8.60^{11}}{8.5}$	1.27	9.87				
13		4.0	5.70	9.70	8.8	1.24	10.04				
14		4.3	5.65	9.95	9.7	1.16	10.86				
15		4.7	5.59	10.29	9.9	1.14	11.04				
16		4.7	5.59	10.29	9.8	1.15	10.95				
17		4.8	5.58	10.38	9.8	1.15	10.95				
18		5.1	5.53	10.63							
19		5.1	5.53	10.63							
20		6.1	5.45	11.55							
21		6.2	5.44	11.64							
22		6.5 $\overset{6.60^{11}}{6.7}$	5.41	12.01							
23		6.9	5.40	12.30							
24		6.9	5.40	12.30							
25		7.0	5.40	12.40	10 $\overset{3}{\cancel{2}}$0						
26		7.5	5.40	12.90							
27		7.5	5.40	12.90							
28		7.5 $\overset{7.60^{11}}{7.7}$	5.40	13.00							

Interrupted by thunder & lightning - air filled with snow very dark

Mc Series 445 Copied 138:30

DeV February 5, 1917 Card.

11 15 Mc 7796 §4 9 + 45 ab. corr + .22

		B	C				PC			
	1						5,4		1.74	7.14
	2						5,9		1,66	7,56
~~Near edge~~	3						5,5	$\overset{5.50^{00}}{5,5}$	1.73	7.23
	4						6,2		1.61	7,81
On edge of film.	5						6,4		1.57	7,97
Near edge	6						6,5		1.56	8,06
	7						6,8		1.51	8,31
	8						7,3		1.44	8,74
	9						7,3		1.44	8,74
	10						7,5	$\overset{7.60^{21}}{7,7}$	1.40	9,00
	11						7,7		1,37	9,07
	12						8,5	$\overset{8.40^{11}}{8,3}$	1.28	9,68
	13						8,0		1.33	9,33
	14						8,7		1,26	9,96
	15						8,9		1,24	10,14
	16		4,3	$\overset{4.45^{12}}{4,6}$	5,61	10,06	9,8		1.16	10,96
	17		5,2	$\overset{5.25^{01}}{5,3}$	5.52	10,77				
	18		5,0		5,54	10,54				
	19		5,1		5.53	10,63				
	19a		5,8		5.47	11,27				
	20		6,0		5.45	11,45				
	21		5,2	$\overset{5.25^{01}}{5,3}$	5.52	16,77				
	22		6,2		5.43	11,63				
	23		6,3		5.42	11,72				
	24		6,4		5,42	11,82				
	25		6,8		5.40	12,20				
	26		7,0		5.40	12,40				
	27		7,5		5.40	12,90				
	28		7,5 ~~8,3~~ w.s.		5 40	12,90				

29	7,6		5.40	13,00
30	8,0	$\overset{7.95^{01}}{7,9}$	5.39	13,34
31	8,1	$\overset{8.20^{21}}{8,3}$	5.38	13,58
32	9,0	$\overset{8.95^{01}}{8,9}$	5.35	14,30
33	9,5		5.33	14,83
34	9,8		5.32	15,12
35	F			
36	—			

MC Series 445

Cand.

DeV

February 5, 1917

Ext. corr +.15

MC 7797 DM ref 12+60

	B	C	Cm	magn	PC	Cm	magn
1					8.0	1.34	9.34
2					8.3	1.30	9.60
3					8.9	1.24	10.14
4		4.3	5.66	9.76	9.1	1.22	10.32
5		5.5	5.50 ~~1.72~~	11.00 ~~7.22~~			
6		5.8	5.47 ~~1.68~~	11.27 ~~7.48~~			
7		6.1	5.44 ~~1.63~~	11.54 ~~7.73~~			
8		6.7	5.41 ~~1.54~~	12.11 ~~8.24~~			
9		7.0	5.40 ~~1.48~~	12.40 ~~8.48~~			
10		7.1	5.40 1.47	12.50 ~~8.57~~			
11		7.3	5.40 ~~1.43~~	12.70 ~~8.73~~			
12		7.5	5.40 ~~1.40~~	12.90 ~~8.90~~			
13		7.60±1 7.5 7.7	5.39 ~~1.40~~	12.99 ~~9.60~~			
14		7.7	5.39 ~~1.38~~	13.09 ~~9.08~~			
15		7.7	5.39 ~~1.28~~	13.69 ~~9.08~~			
16		8.1	5.38 ~~1.32~~	13.48 9.42			
17		8.60±' 8.5 8.7	5.37 ~~1.27~~	13.97 ~~9.87~~			
18		8.8	5.36 ~~1.25~~	14.16 ~~10.65~~			
19		9.1	5.35 ~~1.22~~	14.45 ~~10.32~~			
20		9.60±' 9.5 9.7	5.31	14.91.			

Mc Series 445

DeV February 5, 1917

Mc 7798 Bole-

	B	C	PC
5			4.8
6			5.3
8			w.w ~~7~~ 6.7
9			7.35 ±.1 7.2 7.5
10			7.8
11			8.2
12		4.1	8.7
13		4.7	9.2
14		5.1	9.60 ±.1 9.5 9.7
15		5.6	
16		5.95 ±.1 6.0 5.9	
17		6.3	
18		6.7	
19		7.00 ±.1 6.9 7.1	
20		7.3	
23		7.85 ±.0 7.9 7.8	
25		8.3	
26		8.9	
27		9.3	
28		9.7	

See page 146

12 20

MC Series 730

Sheet no 357

D N

February 7, 1917

10 40 MC 11840 Pole.

	B	C				PC			
5		11845 1° 156				5.7	5.60	$5.65^{.5\ 05}$	0.84
6						6.7	6.7	6.70^{00}	0.41
8						8.1	8.5	8.30^{22}	-0.07
9						9.0	9.10^{21} 9.2 9.5	$9.30^{20\ 20}$	-0.47
10						9.5	9.60	9.55^{10}	-0.53
11		3.9	4.1	4.00^{21}	5.56	9.8	9.8	9.80^{00}	-0.33
12		4.6	4.7	4.65^{01}	5.21				
13		4.9	5.1	5.00^{21}	5.30				
14		5.4	5.5	5.45^{01}	5.20				
15		5.9	6.0	5.95^{10}	5.13				
16		6.3	6.4	6.35^{10}	5.05				
17		6.8	6.9	6.85^{01}	4.78				
18		7.5	7.7	7.60^{21}	4.46				
19		7.8	7.9	7.85^{01}	4.57				
20		8.3	8.3	8.30^{00}	4.43				
23		9.1	9.2	9.15^{10}	4.19				
25		9.8	9.8	9.80^{00}	4.07				
26		F							

MC Series 730 Copied B 10:12th

DcY February 7, 1917 Card.

Alt. corr + .04

MC 11842 Dart - 4 5~~8~~ - 2.5

1	B	C	Cn	Magn	PC 9.8	-0.48	9.32
2		4.5	5.36	9,86			
3		5,3	5.23	10.53			
4		6.4	4.98	11,38			
5		6.9	4.80	11,70			
6		7.3	4.67	11,97			
7	w.u	7 8.9	4.17	12.37			
8		8,1	4.42	12,52			
9		8.7	4.18	12.98			
10		9.8	4.06	13.86			
11		F					
12							
13							
14							
15							
B					9.8	-0.48	9.32
f					7.3	+0.26	7.56

Plate does not show ft. plate.

MC Series 730

ScV

February 7, 1917

Card.

Ret. corr +.09

MC 11843 DM Ref 5 + 82.5

	B	C	Cm	Magn	PC		
1					7.3	0.16	7.56
2					8.4	-0.11	8.29
3					9.1	-0.35	8.75
4		3.9	5.45	9.35	9.9	-0.49 near def	9.41
5		4.0	5.43	9.43	9.9	-0.49	9.41
6		5.1	5.27	10.37			
7		5.60'' 5.5 5.7	5.17	10.77			
8		6.1	5.05	11.15			
9		6.5	4.95	11.45			
10		7.1	4.74	11.84			
11		7.5	4.60	12.10			
12		7.7	4.53	12.23			
13		7.9	4.47	12.37			
14		8.1	4.43	12.53			
15		8.5	4.33	12.83			
16		9.1	4.19	13.29			
17		9.40'' 9.3 9.5	4.12	13.52			

Copied 138:62

Mc Series 730

Card

SeV

February 7, 1917

Mc 11844 b3 5 + 15

alt. [illegible] +.17

	B	C	Cn	magn	PC	Cn	magn				
								29a	9.7	4.08	13.78
1					5.9	0.73	6.63	29	8.7 w.s 9.5	4.11	13.61
2					6.1	0.66	6.76	30	9.9	4.06	13.96
3					6.7	0.47	7.17	31	7		
4					7.0	0.36	7.36	32			
5					7.1	0.33	7.43	33			
6					7.3	0.26	7.56	34			
7					7.8	0.09	7.89	35			
8					8.0	0.03	8.03	36			
9					8.80'' 8.9 8.7	-0.24	8.56	26a	7.3	4.67	11.97
10					8.7	-0.21	8.49	26b	7.9	4.48	12.38
11					9.0	-0.31	8.69				
12					9.7	-0.48	9.22				
13		3.9	5.45	9.35	9.8	-0.49	9.31				
14		4.2	5.40	9.60	9.9	-0.49	9.41				
15		5.0	5.28	10.28							
16		4.9	5.30	10.20							
17		5.1	5.26	10.36							
18		5.3	5.24	10.54							
19		5.5	5.20	10.70							
20		5.9	5.10	11.00							
21		6.1	5.05	11.15							
22		6.1	5.05	11.15							
23		6.7	4.87	11.57							
24		7.1	4.74	11.84							
25		7.05'' 7.0 7.1	4.75	11.80							
26		7.5	4.60	12.10							
27		7.9	4.47	12.37							
28		8.5	4.33	12.83							
28a		8.7	4.27	12.97							

MC Series #730

Sec February 7, 1917

MC 11845 Pole

B	C		PC 5.6021
5			5.5 5.7
6			6.7
8			8.5
9			9.5
10			9.7 9.5 (9.6012)
11	4.1		98
12	4.7		
13	5.1		
14	5.5		
15	6.0		
16	6.4		
17	6.9		
18	7.7		
19	7.9		
20	8.3		
23	9.2		
25	9.8		
26	7		

12 cw See page 152

MC Series 730

Sheet no 358

DcV

February 8, 1917

12 10 MC 11845 Cole

	B	C				PC			
5			11851 p163			5,7 5.7	5.70^{00}		0,79
6						6,7 6.7	6.70^{00}		0,41
8						8,3 8.3	8.30^{00}		− ~~93~~ 0,07
9						9,3 9,5	$9,40^{11}$		− 0,57
10						9,5 9,7	$9,60^{11}$		− 0,58
11		4,1	4.2	4.15^{10}	5,40	9,8 ·	9.8^{a}		− 0,25
12		4,8	4.7	4.75^{01}	5,11	F			
13		5,1	5.2	5.15^{10}	~~4~~5,15				
14		5,7	5.6	5.65^{10}	5,00				
15		6,1	6.2	6.15^{10}	4,93				
16		6,7	6.7	6.70^{00}	4,70				
17		7,0	7.1	$7,05^{01}$	4,58				
18		7,6	7.7	$7,65^{01}$	4,41				
19		8,0	8.1	$8,05^{01}$	4,37				
20		8,3	9.3	$8,30^{00}$	4,43				
23		9,1	9,1	$9,10^{00}$	4,24				
25		9,8	9.7	9.75^{02}	4,12				
26		ns							

MC Series 730

Card.

Sct February 8, 1917

alt. corr +.09

MC 11846 DM Ref 5 + 2.5

	B	C	Cn	Magn	PC		Cn	magn
1					7.4		0.16	7.56
2					8.5	8.60^{21} 8.7	-0.26	8.34
3					9.1		-0.42	8.68
4					9.3		-0.46	8.84
5		4.0	5.40	9.40	F			
6		4.3	5.33	9.63				
7		5.1	5.09	10.19				
8		5.3	5.40^{21} 5.5 5.82	10.42				
9		6.2	4.82	11.02				
10		6.7	4.70	11.40				
11		7.1	4.61	11.71				
12		7.5	4.54	12.04				
13		7.7	4.49	12.19				
14		8.0	4.43	12.43				
15		8.5	4.32	12.82				
16		8.9	4.26	13.16				
17		9.5	4.17	13.67				

Faint-images poor-hazy-

MC Series 730

DcV February 8, 1917 Card.

MC 11847 DV Tauri. 5 50+27.5 alt. corr +.21

	B	C	Cn	magn	PC		
a					8,2	~~0~~.12	8.08
b					9,3	-0,46	8,84
c		3,9	5,43	9,33	9,8 ?	-0.48	9.32?
c'		4,2	5.36	9,56			
c^2		5,0	5.12	10,12			
d		5,7	4,94	10.64			
e		5,8	4,91	10,71			
Dbl. f							
f'		6.402' 6,3 6,5	4.77	11,17			
g		7,5	4.54	12,04			
h		7,5	4,54	12,04			
k		7,7	4.49	12,19			
l		7,9	4.45	12,35			
m		8,5	4.32	12.82			
n		8,7	4.28	12,98			
o		9,0	4.24	13,24			
p		9.60'' 9,7 9,5	4.16	13,76			
f^2		7.00'' 7,1 6,9	4.63	11,63			

PC's poorly defined

MC Series 730

Sct

February 8, 1917

Card.

Alt. corr +.14

MC 11848 DM Ref. 6 +75

	B		e	Cu	magn	pc	Cu	magn
1						7,9	−0,03	7,87
2						9,0	−0,38	8,62
3	3.3 3,2					n.s.		
4	3.9 3,8	3.90''	3,9	5,43	9,33	n.s		
5			4,50^{22} 4,3 4,7	5.27	9.77			
6			5,0	5,13	10,13			
7			5,8	4.91	10,71			
8			6,7	4.70	11,40			
9			6,9	4.66	11,56			
10			7,1	4.61	11,71			
11			7,4	4,54	11,94			
12			7,7	4,50	12,20			
13			8,1	4.40	12,50			
14			tp					
15			8,7	4.28	12,98			
16			8,9	4.26	13,16			
17			9.40$^{2'}$ 9,3 9,5	4.18	13.58			

Images poor - pt images hazy -

Mc Series 730

Dec

February 8, 1917

Card.

att. corr +.20

Mc 11849 DM Ref. 6 20+62.5

	B	C	Cm	magn	PC	Cm	magn
1					8,3	−0.15	8,15
2					8,7	−0.30	8,40
3	3.3 3,2		.	.	9,3	−0.47	8,83
4		3,9	5.43	9,33	9.9 7	−0.46	9.44
5		4,3	5.33	9,63			
6		5,2	5.07	10,27			
7		6,2	4.82	11,02			
8		6,7	4.70	11,40			
9		7.1	4.61	11,71			
10		7,3	4.57	11,87			
11		7,5	4.53	12,03			
12		7,5	4.53	12,03			
13		7.7	4.50	12,20			
14		8,2	4,37	12,57			
15		8,5	4.32	12,82			
16		9.0	4.24	13,24			
17		9.5	4,17	13,67			

MC Series 730

S. V. February 8, 1917

Card

Act. corr +.22

MC 118~~47~~ 50 DM Ref. 6 24+35

	B	d	Cu	Magn	PC		
1					7.3	0.20	7.50
2					8.9	−0.36	8.54
3		3.8	5.46	9.26	9.7	−0.49	9.21
4		4.3	5.33	9.63			
5		5.4	5.02	10.42			
6		5.8	4.91	10.71			
7		6.2	4.82	11.02			
8		6.8	4.68	11.48			
9		7.4	4.55	11.95			
10		7.9	4.45	12.35			
11		8.1	4.40	12.50			
12		8.3	4.35	12.65			
13		8.5	8.6011 8.7 4.30	12.90			
14		9.0	4.24	13.24			
15		8.9	4.26	13.16			
16		9.7	4.13	13.83			
~~17~~							

Mc Series 730

ScV February 8, 1917

Mc 11851 Pole

	B	C	PC
5			5,7
6			6.7
8			8,3
9			9.5?
10			9.7
11		4,2	
12		4.7	
13		5.2	
14		5,6	
15		6.2	
16		6.7	
17		7,1	
18		7.7	
19		8,1	
20		8,3	
23		9,1	
25		9.7	

See page 157

1 – 30

Rather poor series.

MC Series 740

Card

8cV January 21, 1917

ab. corr -.06

2 45 MC 12082 DM Ref. v 10-2.5

	B		C	Cm	Magn	PC	Cm	magn
1						7.7	1.06	8.76
2						7.9	1.02	8.92
3	3.8 3.7	3.85 .01	3.9	·	·	9.5	0.66	10.16
4	4.0 3.9	4.05 .01	4.1	6.32	10.37	9.8	0.56	10.36
5			4.7	6.20	10.90			
6			5.2	6.08	11.28			
7			5.3	6.07	11.37			
8			5.9	5.92	11.82			
9			6.3	5.82	12.12			
10			6.5	5.76	12.26			
11			6.5	6.6011 6.7 5.73	12.33			
12			7.2	5.57	12.77			
13			7.3	5.56	12.86			
14			7.5	5.50	13.00			
15			8.1	5.37	13.47			
16			8.3	5.33	13.63			
17			8.9	5.21	14.11			
18			9.1	5.18	14.28			
19			9.5	5.12	14.62			

Images elongated + faint images very poor.

Mc Series 740

Card

DeY

February 21, 1917

Q.B. corr. -.12

Mc 12083 Dm Ref. 0 30-75

	B	·	C	Cm	Magn	pc		
1						7.50^{00} 7.5 75	1.10	8.60
2						$8.00^{\pm1}$ 7.9 8.1	1.00	9.00
3	3.6 3.5	$3.70^{\pm1}$	3.8	·	·	9.5	0.66	10.16
4	3.6 3.5	3.65^{01}	3.7	·	·	9.7	0.58	10.28
5			4.0	6.32	10.32	9.8	0.56	10.36
6			4.8	6.18	10.98			
7			5.3	6.07	11.37			
8			5.7	5.97	11.67			
9			6.2	5.85	12.05			
10			$6.80^{\pm1}$ 6.7 6.9	5.67	12.47			
11			7.0 ~~8.0~~	5.62 w.s	12.62			
12			7.5	5.50	13.00			
13			7.5	5.50	13.00			
14			7.5	5.50	13.00			
15			7.7	5.46	13.16			
16			8.0	5.38	13.38			
17			8.0	5.38	13.38			
18			$8.60^{\pm2}$ 8.7 8.5	5.27	13.47			
19			8.8	5.22	14.02			
20			9.5	5.12	14.62			

MC Series 740

Copied B 10:159

Cwd

D.V

February 21, 1917

Qu. corr. –.40

MC 12084 Batte 2 N −23.5

	B		C	Cn	magn	P C		
1						6.7	125 ~~5.70~~	7.95
2						8.9	0.80 ~~5.22~~	9.70
3	3.6 3.5	12 13 3.72	3.85 01 3.8	39.		9.7	0.60 ~~5.08~~	10.30
4	4.2 4.1	4.25 01	4.3	6.28	10.53	9.8	0.55 ~~5.~~	10.35
5			5.3	6.06	11.36			
6			5.3	6.06	11.36			
7			5.3	5.125 10 5.2 6.08	11.33			
8			5.7	5.97	11.67			
9			5.9	5.93	11.83			
10			6.5	5.76	12.26			
11			6.9	5.65	12.55			
12			7.1	5.60	12.70			
13			7.5	5.50	13.00			
14			7.5	5.50	13.00			
15			7.9	5.42	13.32			
16			7.8	5.44	13.24			
17			8.3	5.33	13.63			
18			8.5	5.28	13.78			
19			9.0	5.19	14.19			
20			9.5	5.12	14.62			

MC Series 740

DcV February 21, 1917

MC 12085 Pole

	B		C		PC	
5					5,2	1,29
6					5.7	1.41
8					7.1	1.13
9					7,9	0,93
10					8,0	1.02
11					8,4	1.15
12					8.9	9.00±1 9,1 0,86
13	4.0 3.9	4.00°°	4,0	6.30	9.8	Ft. 0,50
14			4,4	6.25		
15			4.9	6.18		
16			5,3	5.40±1 5,5 6.00		
17			5,7	5,93		
18			6,3	5,76		
19			6,5	4.40±1 6,7 5,82		
20			7.1	5,63		
23			8,0	5,34		
25			8,7	5,17		
26			9,1	5.23		
27			9,5	9,60±1 9,7 5.09		
28						

31 30

MC Series 571 Plotted on 363

Sc V February 28, 1917

10 40 MC 9596 Pole

B	C	Diff	PC	Diff.
5			4.3	2.19
6			5.2	1.91
8			6.5	1.73
9			7.3	1.53
10			7.5	1.52
11			8.0	1.55
12	3.8	6.06	8.7	1.16
13	4.2	6.10	9.0	1.30
14	4.8	5.85	9.7	0.95
15	5.3	5.78		
16	5.7	5.70		
17	6.0	5.63		
18	6.60±1 6.5 6.7	5.46		
19	7.0	5.42		
20	7.3	5.43		
23	8.0	5.34		
25	8.7	5.17		
26	9.3	5.03		
27	9.8	4.89		

Reduce Series with this plate only. The Pole Plate measured on page 178 is Quality B and discordant. (Dawn bright, fogged.)

MC Series 571

ScV

February 28, 1917

Copied 9:102 Card.

MC 9597 NGC 2422

alt. corr. −.12

		B	C	Curve	Magn.	PC	Curve	Magn.			Pr. Curve	Pr. Magn.
Cl. 2422	1					B	.	.	β	6.5	1.67	8.17
	2					dbl?	.	.	γ	7.5	1.48	8.98
	3					4.1	2.19	6.29	δ	8.1	1.35	9.45
	4					3.8	2.27^{e}	6.07^{e}			Star Curve	
	5					4.3	2.14	6.44	β		5.50	12.00
	6					5.1	1.96	7.06	γ		5.33	12.83
	7					5.3	1.90	7.20	δ		5.22	13.32
	8					6.1	1.75	7.85				
	9					7.2	1.54	8.74				
	10					8.3	1.31	9.61				
	11					6.9 near br. star,	1.60	8.50				
	12					8.3?	1.31	9.61?:				
	13					8.2	1.33	9.53				
	14		4.0 $\overset{3.90''1}{3.8}$	6.07	9.97	8.9	1.20	10.10				
	15		B	.	.	near br object						
	16		B	.	.	8.3	1.31	9.61				
	17		3.7	6.11	9.81	8.8	1.23	10.03				
	18		4.4	5.95	10.35	9.8	1.06	10.86				
	19		5.4	5.73	11.13							
	20		6.1	5.59	11.69							
	21		6.3 $\overset{6.25^{10}}{6.2}$	5.56	11.81							
	22		6.9	5.44	12.34							
	23		7.5	5.33	12.83							
	24		7.8	5.29	13.09							
	25		8.0	5.25	13.25							
	26		8.5	5.17	13.67							
	27		9.0	5.08	14.08							
	28		9.5	5.00	14.50							
	29		9.9	4.92	14.82							

over.

Mc Series 571:

DcV February 28, 1917

Card

Alt. corr. | -.12

Mc 9597. Ref.

	B		C		Curve	magn.	PC	Curve	magn.
1							5.2	1.94	7.94
2							6.7	1.63	8.33
3							7.7	1.44	9.14
4	$\overset{4.1}{4.0}$	4.10°°	4.1		6.02	10.12	8.8	1.22	10.02,
5			4.4		5.96	10.36	9.5	1.10	10.60
6			4.8	$\overset{4.90\pm.1}{5.0}$	5.83	10.73			
7			5.5		5.71	11.21			
8			6.0		5.60	11.60			
9			6.5	$\overset{6.40\pm}{6.3}$	5.52	11.92			
10			6.7		5.48	12.18			
11			7.1		5.40	12.50			
12			7.5		5.33	12.83			
13			7.5	$\overset{7.60\pm.1}{7.7}$	5.32	12.92			
14			7.7		5.30	13.00			
15			8.0		5.25	13.25			
16			8.3		5.20	13.50			
17			8.5	$\overset{8.60\pm.1}{8.7}$	$5.\overset{14}{7}$	13.74			
18			9.0		5.07	14.07			
19			9.3		5.03	14.33			
20			9.8		4.94	14.74			

Mc Series 571 Copied B9:103 Card.

ScY February 28, 1917

Alt. corr. −.18

Mc 9598 NGC 2437

	B	C	Curve	Magn.	Pc	Curve	Magn.
Cl 2437	1				7.1	1.55	8.65
	2				7.00±.1 6.9 7.1	1.58	8.58
	3				7.80±.1 7.9 7.7	1.42	9.22
	3a				7.8	1.42	9.22
	4				?	.	.
	4a				8.60±.1 8.7 8.5	1.26	9.86
	5				Sw.	.	.
	6				7.9 ~~8.9~~ w.s.?	1.40	9.30
	7	3.9	6.07	9.97	9.0	1.19	10.19
	8	4.55±.2 4.7 4.4	5.92	10.47	9.8?	1.06	10.86?
	9	4.3	5.97	10.27			
	10	~~4.4~~	5.95	10.35			
	11	4.7	5.88	10.58			
	12	5.5	5.72	11.22			
	13	5.1 dbl?	5.80	10.90			
	14	6.1	5.58	11.68			
	15	5.5	5.72	11.22			
	16	6.8	5.46	12.26			
	17	6.9	5.45	12.35			
	18	7.1	5.40	12.50			
	19	7.7	5.30	13.00			
	20	8.7	5.13	13.83			
	21	9.60±.1 9.5 9.7	4.98	14.58			
	22	8.60±.1 8.5 8.7	5.15	13.75			
	23	9.10±.1 9.0 9.2	5.06	14.16			
	24	9.8	4.94	14.74			
	25						
	26						
	27						

Over

MC Series 571 Copied B9:102

ScV February 28, 1917 Card.

MC 9598 cont. Alt. corr. −.18

Cl. 2422

	B	C	Curve	Magn.	PC	Curve	Magn.		PC	Curve	Magn.
1					B	.	.	β	6.7	1.63	8.33
2					dbl?	.	.	γ	7.1 7.5 (7.60)	1.47	9.07
3					4.0	2.22 c	6.22 c	δ	8.3	1.31	9.61
4					3.9	2.25 c	6.15?				
5					4.3	2.14	6.44				
6					6.5	1.67	8.17				
7					5.~~7~~2 ws	1.94	7.14				
8					6.1	1.76	7.86				
9					6.9	1.60	8.50				
10					8.5 8.3 (9.40±1) ?	1.30	9.70?				
11	B				7.1 ?	1.55	8.65?				
12					8.1	1.35	9.45				
13					8.0	1.38	9.38				
14		3.7	.		8.9	1.20	10.10				
15		B	.		near br. object .						
16		B	.		8.2	1.34	9.54				
17		3.8	6.09	9.89	8.9?	1.20	10.10?				
18		4.3	5.97	10.27							
19		5.3	5.76	11.06							
20		6.3 ~~5.9~~ ws?	5.54	11.84							
21		6.2	5.57	11.77							
22		7.1 ~~7.7~~ ws	5.40	12.50							
23		7.5 7.7 (7.60±1)	5.33	12.93							
24		7.8	5.28	13.08							
25		8.0	5.24	13.24							
26		8.2 8.5 (8.35±1)	5.18	13.53							
27		8.7 8.9 (8.80±1)	5.10	13.90							
28		9.5	5.00	14.50							
29		9.8 9.9 (9.85±01)	4.94	14.79							

MC Series 571

ScV February 28, 1917 Card.

alt. corr. -.40

MC 9599 — Buffrist 7 — 22.5

	B C	Curve	Magn.	P C	Curve	Magn.
a				4.7	2.04	6.74
b				5.4	1.89	7.29
c				6.9	1.60	8.50
d				6.85±0 6.9 6.8	1.60	8.45
e				7.40±1 7.3 7.5	1.50	8.90
f	B 3.75 0±			7.9 9.00±1	1.40	9.30
f'	3.8 3.7	6.10	9.85	8.9 9.1 poor	1.19	10.19
g	B			8.5	1.28	9.78
h	4.0	6.04	10.04	9.9	1.05	10.95
k	4.0	6.04	10.04	9.8	1.06	10.86
l	4.2	6.00	10.20	9.8	1.06	10.86
m	5.2	5.76	10.96			
n	5.2	5.76	10.96			
n'	6.0	5.60	11.60			
o	6.60±1 6.5 6.7	5.50	12.10			
p	6.9	5.44	12.34			
q	7.60±1 7.5 7.7	5.33	12.93			
r	7.7	5.30	13.00			
s	8.00±1 7.9 8.1	5.24	13.24			
t	8.5	5.16	13.66			
u	8.9	5.09	13.99			
w	9.0	5.07	14.07			
x	F					

174

MC Series 571 : Copied B9:110

ScY February 28, 1917

Card

alt. corr. -.12

MC 9600 NGC 2539 8 10 – 12.5

	B	C	Curve	magn.	PC	Curve	magn.
Cl. Seq. a					7.3	1.51	8.81
b					7.3 7.5 7.40''	1.50	8.90
					8.5 8.7 8.60''	1.26	9.86
c					~~9.1~~ w.s		
c'		3.9	6.06	9.96	9.1	1.16	10.26
d					8.9	1.20	10.10
d'		4.0	6.04	10.04	9.1 8.9 9.00''	1.19	10.19
e		4.0	6.04	10.04	~~8.7 poor~~		
e'		4.2	6.00	10.20	+p		
f		4.3	5.97	10.27	9.8 ?	1.06	10.86 ?
g		4.9	$\overset{5}{4}.83$	$\overset{10}{9}.73$			
h		5.1	5.80	10.90			
k		5.7	5.66	11.36			
l		5.5 5.7 5.60''	5.68	11.28			
m		5.5	5.71	11.21			
n		6.3	5.54	11.84			
o		6.2	5.57	11.77			
p		6.8	5.47	12.27			
q		7.1	5.40	12.50			
r		7.2	5.39	12.59			
s		7.6 7.5 7.55''	5.34	12.89			
t		7.7	5.30	13.00			
u		7.9	5.27	13.17			
v		8.2	5.22	13.42			
x		8.7	5.13	13.83			
y		9.0	5.07	14.07			
z		9.8	4.94	14.74			

PC's very poor –
1.00

MC Series 571

Dec X   February 28, 1917   Card.

1', 25 MC 9600 - Ref seq   Alt. corr. -.12

	B	C	Curve	Magn.	PC	Curve	Magn.
1					7.5	1.48	8.98
1a					8.95 0'1 9.0 8.9	1.20	10.15
2					8.00'1 7.9 8.1	1.38	9.38
3					8.1	1.35	9.45
3a		4.9	5.83	10.73			
4		3.8	6.09	9.89	8.85 0'1 8.8 8.9	1.21	10.06
5		4.6	5.90	10.50			
6		5.60'1 5.5 5.7	5.68	11.28			
7		5.8	5.64	11.44			
8		6.60'1 6.5 6.7	5.50	12.10			
9		6.8	5.46	12.26			
10		7.1	5.40	12.50			
11		7.40'1 7.5 7.3	5.36	12.76			
12		7.60'1 7.5 7.7	5.33	12.93			
13		8.3	5.20	13.50			
14		8.60'1 8.5 8.7	5.13	13.73			
15		9.5	5.00	14.50			
16							
17							
18							
19							
5a		3.9 ~~9.3 9.1 poor~~			9.20'1 9.3. 9.1 poor	1.15 ~~5.04~~	10.35
5b		4.45 2'1 4.6 4.3	5.95	10.40			
5c		6.0	5.60	11.60			
α		~~5.3~~			5.3	1.90	7.20
β		~~5~~			8.60'1 8.5 8.7	1.26	9.86
γ							

Mc Series 571

Copied B9:11Q

Sc V

February 28, 1917

Card

Cl. Sagr Mc 9601

8 10 – ~~7.5~~

Alt. corr. –.04

		B	C	Curve	Magn.	PC	Curve	Magn.
N.G.C 2548	1		B			7.8	1.42	9.22
	1a		B			7.5	1.48	8.98
	1b		4.1	6.02	10,12	9.0	1.19	10.19
	2					8.3	1.31	9.61
	2a					8.5	1.28	9.78
	2b		4.0	6.04	10,04	8.9	1,20	10.10
	~~2c~~							
	3		4.1	6.02	10,12	9.1	1.16	10.26
	4		4.3	5.98	10,28	9.3 ?	1.14	10.44?
	5		4.7	5.88	10,58	9.5	1.10	10.60
	6		5.3	5.76	11,06			
	7		5.7	5.66	11,36			
	8		6.0	5.60	11,60			
	9		6.6021 6.5 6.7	5.50	12,10			
	10		7.1	5.42	12,52			
	11		7.5	5.35	12,85			
	12		7.5	5.35	12,85			
	13		7.6021 7.5 7.7	5.33	12,93			
	14		8.0	5.24	13,24			
	15		8.4021 8.3 8.5	5.18	13,58			
	16		8.9	5.09	13,99			
	17		9.0	5.07	14,07			
	18		9.6021 9.5 9.7	4.98	14,58			

Mc Series 571

S.V February 28, 1917 Card

Mc 9601 Ref. Seq. alt. corr. −.04

		Curve	Magn.		Curve	Magn.
1				7.2	1.53	8.73
2				7.7	1.44	9.14
2a	4.3	5.97	10,27	9.2	1.15	10.35
2b	4.4	5.95	10,35	9.5 ?	1.10	10.60?
2c	4.4	5.95	10,35	9.3	1.14	10.44
3	4.1	6.020	10,12	8.8	1.22	10.02
4	4.2	6.00	10,20	8.95 2.0 8.9 9.0	1.20	10.15
5	4.4	5.95	10,35	9.30 6.0 9.3 9.3	1.14	10.44
6	5.3	5.76	11,06			
7	5.7	5.66	11,36			
8	6.0	6.05 01 6.1 5.60	11,65			
9	6.5	5,50	12,00			
10	6.5	5,50	12,00			
11	7.0	5.42	12,42			
12	7.5	7.60 ±.1 7.7 5.33	12,93			
13	8.0	5.25	13,25			
14	8.3	5.20	13,58			
15	8.7	5.13	13,83			
16	9.0	5.07	14,07			
17	9.2	5.03	14,23			
18	9.7	4.96	14,66			

Mc Series 571

DcV February 28, 1917

Mc 9602 Pole

	B	C		PC
5				4.8
6				5.40'' 5.5 5.3
8				6.9
9				7.5
10				7.8
11		4.0		8.1
12		4.3		8.7
13		5.0		9.0
14		5.3		
15		5.7		
16		6.1		
17		6.3		
18		7.0		
19		7.3		
20		7.5		
23		8.2		
25		8.8		
26		9.3		
27		9.8		

Reject

see note p168

Plate poor - after measuring noticed it was qualified B?

2', 10

Mc Series 595

Card.

DcY

March 1, 1917

Alt. corr. +21

11 25 Mc 9918 R.D. Gem. 7 0 + 30 (Ref. Seq.)

	B	C	Cn	Magn	PC	Cn	Magn
1					6.1 6.00 5.9	2.14	8.14
2					6.6	2.02	8.62
3					7.9	1.73	9.63
4					8.3	1.64	9.94
5					8.5	1.59	10.09
6	4.1 4.2 4.25	4.3	6.60	10.85	9.3 9.40 9.5	1.38	10.78
7		4.7	6.48	11.18	f		
8		5.3	6.30	11.60			
9		5.7	6.17	11.87			
10		5.9	6.12	12.02			
11		6.1	6.07	12.17			
12		6.7	5.87	12.57			
13		6.9 7.00 7.1	5.78	12.78			
14		7.3	? poor 5.68	12.98			
15		tp					
16		8.7	5.17	13.87			
17		9.1	5.02	14.12			
18		9.5	4.86	14.36			
19		7					
20		f					

Images very poor - large + hazy.

MC Series 595

Card.

Sct

March 1st, 1917

Alt. corr. -.39

MC 9919 – Puppis 7 50 – 22.5

	B	C	Cu	Magn	PC	Cu	magn
a					4.7	2.43	7.93
b					5.3	2.28	7.58
c					6.5	2.03	8.53
d					6.3	2.07	8.37
e					7.1	1.90	9.00
f					7.5	1.82	9.32
g					8.5	1.60	10.10
h					?	.	.
k		B			8.7	1.55	10.25
l		4.2	6.63	10.83	8.9	1.50	10.40
m		4.7	6.50	11.20			
n		4.8	6.46	11.26			
n'		5.6	6.20	11.80			
o		6.5	6.40'' 6.3 5.96	12.36			
p		7.1	5.75	12.85			
q		7.3	5.67	12.97			
r		7.5	5.62	13.12			
s		7.7	7.60'' 7.5 5.58	13.18			
t		7.9	5.49	13.39			
u		8.7	5.17	13.87			
w		9.0	5.07	14.07			
x		9.7	4.80	14.50			

Images very poor – especially faint ones hazy

MC Series 595 Copied D9:102

S.V. March 1, 1917 alt. corr. −.18

MC 9920 NGC 2422

Cl. 2422

	B	C	Curve	Magn.	PC	Curve	Magn.			Curve	Magn.
α					40	2.58	6.58	26	8.3	5.34	13.64
β					6.3	2.07	8.37	27	8.7	5.18	13.88
γ					6.9	1.95	8.85	28	9.3	4.95	14.25
δ					7.9	1.72	9.62	29	9.7	4.78	14.48
1					B	.	.				
2					Dbl?	.	.				
3					4.0	2.58	6.58				
4					4.1	2.55	6.65				
5					4.3	2.52	6.82				
6					5.3	2.29	7.59				
7					5.0	2.35	7.35				
8					6.0	2.14	8.14				
9					6.8	1.98	8.78				
10					7.9	1.72	9.62				
11					6.9	1.95	8.85				
12					8.0	1.70	9.70				
13					7.9	$1.\overset{7}{\cancel{4}}2$	9.62				
14		3.8	6.71	10.51	8.7	1.55	10.25				
15		B	.	.	near br. object						
16		B	.	.	8.0	$1.\overset{6}{\cancel{7}}0$	9.70				
17		3.7	6.74^{ε}	10.44^{ε}	8.7	1.56	10.25				
18		4.3	6.60	10.90	9.1	1.46	10.56				
19		5.2	6.33	11.53							
20		5.9	6.11	12.01							
21		6.1	6.06	12.16							
22		6.9 6.7 6.80	5.84	12.64							
23		7.2	5.71	12.91							
24		~~7.9~~ 7.7 7.60	5.59	13.19							
25		7.9	5.49	13.39							

Over

Mc Series 595 Copied B 9:103

Card.

Sct

March 1, 1917

Alt. corr. -.18

Mc 9926

		B	C	Cu	magn	PC		
Cl. 2437	1					6.9	1.95	8.85
	2					6.9 7.00±1 7.1	1.93	8.93
	3					7.5	1.82	9.32
	3a					7.7	1.76	9.46
	4					Too close to another star		
	4a					8.7?	1.54 poor	10.24
	5					6.9	1.94	8.84
	6					8.1	1.67	9.77
	7					8.9	1.50	10.40
	8		4.3	6.60	10.90	8.9	1.50	10.40
	9		4.6	6.52	11.12			
	10		4.3	6.60	10.90			
	11		4.9 4.80±1 4.7	6.47	11.27			
	12		5.3	6.30	11.60			
	13		4.8 dbl?	6.46	11.26			
	14		5.9	6.12	12.02			
	15		5.4	6.26	11.66			
	16		6.6	5.90	12.50			
	17		6.9	5.80	12.70			
	18		7.1	5.73	12.83			
	19		7.5	5.62	13.12			
	20		8.5 8.60±1 8.7	5.22	13.82			
	21		8.9	5.10	14.06			
	22		8.7	5.17	13.87			
	23		9.3	4.96	14.26			
	24		9.5	4.86	14.36			

8h images poor –

Mc Series 595

ScV March 1, 1917

Card.

alt. corr. -.09

Mc 9921 Dm Ref - 7 40 - 10

	B	C	Cm	magn	PC		
1					5.8	2.19	7.99
2					6.5	2.03	8.53
3					6.8	1.98	8.78
4					7.7	1.77	9.47
5					8.6	1.57	10.17
6		4.3	6.60	10.90	9.5	1.36	10.86
7		4.9	6.43	11.33	9.9	1.28	11.18
8		5.1	6.36	11.46			
9		5.8	6.14	11.94			
10		6.1	6.06	12.16			
11		6.5	5.93	12.43			
12		6.9	5.80	12.70			
13		7.1	5.73	12.83			
14		7.3	5.67	12.97			
15		7.60±1 7.5 7.7	5.08	13.18			
16		8.0	5.43	13.43			
17		8.3	5.33	13.63			
18		8.60±1 8.5 8.7	5.22	13.82			
19		9.0	5.06	14.06			
20		9.5	4.86	14.36			

Faint - image poor - hazy -

MC Series 595

Card.

DcV

~~February~~ March 1, 1917

MC 9922 Dm Ref - 7 40 + 10

Alt. corr. +.13

	B		C		ln	magn	PC		ln	magn
1							5,1		2.33	7,43
2							6,5		2.03	8,53
3							6,7		2,00	8,70
4							7,5		1,82	9,32
5							8,0		1,70	9,70
6	3.8 3.7	$3,85^{01}$	3,9		6,70	10,55	8,8	$8.90^{\pm1}$ 9,0	1,50	10,40
7			4,0	4.15^{21} 4,3	6.63	10,78	9,7		1.32	11,02
8			5,0		6,40	11,40				
9			5,3		6.30	11,60				
10			5,8		6.14	11,94				
11			6,1		6.06	12,16				
12			6,5	$6.60^{\pm1}$ 6,7	5.90	12,50				
13			7.1		5,74	12,84				
14			7.1		5,74	12,84				
15			7,6		5,57	13,17				
16			7.9	$8,00^{\pm1}$ 8,1	5.44	13,44				
17			8,1		5,40	13,50				
18			8,7		5.17	13,87				
19			9,0		5.07	14.07				
20			9,5	$9.60^{\pm1}$ 9,7	4.83	14.43				

Images poor

MC Series 595 Plotted on 363

Sev March 1, 1917

	MC 992$\overset{3}{7}$ B	C	Pole	Diff.	PC	Diff
5					3.9	2.59
6					4.7	2.41
8					6.1	2.13
9					6.9	1.93
10					7.1	1.92
11					7.7	1.85
12					8.0	1.86
13					8.8	1.50
14	$\overset{4.0}{3.9}$ 4.05	4.1		6.60	9.3	1.35
15		4.5		6.58	9.7	1.38
16		5.0		6.40		
17		5.2		6.43		
18		6.0		6.06		
19		6.3	$\overset{6.40}{6.5}$	6.02		
20		6.9		5.83		
23		7.8		5.54		
25		8.5	$\overset{8.60}{8.7}$	5.27		
26		9.5		4.83		
27		9.9		4.79		

Images large + hazy

10

Mc Series 735

Sheet no 365

Dev March 2, 1917

11 50 Mc $1\overset{1}{2}\overset{9}{1}56$ Pole

	B	C	11961 p191			PC	5.60^{21}			
5						5.5	5.7	5.3	$5.45^{15\,15}$	1.04
6						6.5		6.3	6.40^{11}	0.71
8						8.1		8.0	8.05^{10}	0.18
9						8.7	8.5 8.60^{12}	8.7	$8.65^{05\,05}$	0.18
10						8.9		9.0	8.95^{20}	0.07
11		4.3	4.00	$4.15^{15\,15}$	5.40	9.3		9.4	9.35^{10}	0.20
12		4.7	4.3	4.50^{22}	5.36	defective		9.8	9.8^{9}	0.06
13		5.1	5.0	5.05^{10}	5.25	7				
14		5.5	5.3	5.40^{11}	5.25					
15		6.0	5.8	5.90^{11}	5.18					
16		6.3	6.1	6.20^{11}	5.20					
17		6.5	6.3	6.40^{11}	5.23					
18		7.0	6.9	6.95^{01}	5.11					
19		7.3	7.3	7.30^{00}	5.12					
20		7.7	7.8	7.75^{10}	4.98					
23		8.5	8.3	8.40^{12}	4.94					
25		8.9	8.8	8.85^{10}	5.02					
26		9.8	9.3	9.55^{23}	4.78					
27			9.8	9.8^{9}	4.89					

Plate fogged - film defective.

Mc Series 735

S.V.

March 2, 1917

Card.

Alt. corr +.08

Mc 1$\overset{1}{2}\overset{9}{1}$57 Ref Seq 22 20 +75

	B	C	Cu	magn	PC				
1					6.9	0.55			7,43
2					8.9	8.7 8.70 2.02	8.5	0.16	8,86
3					8.5			0.18	8,68
4		4.3	5.34	9,64	9.7			0.06	9.76
5		4.9	5.30	10,20					
6		5.2	5.28	10,48					
7		5.4	5.27	10,67					
8		5.7	5.23	10,93					
9		6.0	5.20	11,20					
10		6.3	5.19	11,49					
11		6.5	5.17	11,67					
12		6.5	5.17	11,67					
13		6.7	5.16	11,86					
14		6.7	5.16	11,86					
15		7.1	5.12	12,22					
16		7.5	5.00	12,50					
17		8.0	5.05	13,05					
18		8.3	5.02	13,32					
19		8.8	4.98	13,78					
20		9.5	9.60 9.7 4.90	14.50					

MC Series 735

SCV March 2, 1917

Card.

Qet. cor. +.09

MC 11958 Ref Seq 22 40 +70

	B		C	Cr	magn	PC		
1						6,3	0.73	7,03
2						7,5	0.37	7,87
3						8,1	0.25	8,35
4						9.0	0.11	9,11
5	4,0 3.9	4,00 00	4.0	5.39	9,39	9.8	0.06	9.86
6			4.6	5.33	9,93			
7			5.3	5.27	10,57			
8			5.5	5.60±1 5.7 5,23	10,83			
9			6.1	5.20	11,30			
10			6.3	5.19	11,49			
11			6.1	5.20	11,30			
12			6.9	5.14	12,04			
13			7.0	5.13	12,13			
14			7.3	5,10	12,40			
15			7.5	5,10	12,60			
16			7.5	5,10	12,60			
17			8.0	5.05	13,05			
18			8.0	5,05	13,05			
19			8.8	4.98	13,78			
20			9.3	9.40±1 9.5 4.92	14.32			

Mc Series 735

Copied B9a: 61

DeV

March 2, 1917

Card.

alt. corr +.10

Mc 11959 S Pegasi 23 11 +75

	B		C	Cn	magn	PC		
a 1						7.0	0.52	7,52
b 2						7.1	0.50 near edge	7,60
c 3						7.9 ?	0.27 ~~on~~ edge	8,17
d 4						7.7	0.32	8,02
e 5						8.7	0.15 "	8,85 "
f 6						8.1	0.24	8,34
g 7	4.1 4.0	4.15 10	4.2	5.37	9,52	9.8	0.06	9,86
h			B		.	8.3	0.20	8,50
k			4.1	5.38	9,48	9.9 ?	0.05	9,95 ?
l			3.9	5.40	9,30	9.8	0.06	9.86
m			4.7	5.32	16,02			
n			5.2	5.28	10,48			
o			4.75 11 4.9.46	5.32	10,07			
p			5.9	5.20	11,10			
q			5.7	5.22	10,92			
r			6.0	5.20	11,20			
s			6.2	5.20	11,40			
s'			6.8	5.15	11,95			
t			7.3	5.10	12,40			
t'			7.7	5.08	12,78			
u			7.7	5.08	12,78			
w			8.3	5.02	13,32			
w'			8.5	5.00	13,50			
x			8.8	4.98	13,78			
y			9.0	4.96	13,96			
z			10.0 ? ~~f~~	4.84	14,84 ?			

Poor Plate

Mc Series 735 Copied B10:158

ScV March 7, 1917 Card.

Mc 11960 Carte 0 −23.5 Ret. corr −.48

	B	C	Cor	magn	PC		
1					5.0	1.16	6.16
2					5.9	0.86	6.76
3					7.7	0.31	8.01
4					8.7	0.15	8.85
5	$\overset{4.2}{4.1}$ 4.25^{01}	4.3	5.36	9.61	9.8	?0.06	9.86
6		4.3	5.35	9.65	7		
7		5.0	5.30	10.30			
8		5.7	5.23	10.93			
9		6.9	5.13	12.03			
10		6.9	5.13	12.03			
11		6.9	5.13	12.03			
12		7.1	5.12	12.22			
13	•	8.0 7.95^{02} 7.9	5.06	13.01			
14		8.0	5.05	13.05			
15		8.1	5.03	13.13			
16		8.5	5.00	13.50			
17		8.8	4.98	13.78			
18		9.0	4.96	13.96			
19		9.3	4.93	14.23			
20		9.7 $9.75^{\pm 10}$ 9.8	4.88	14.63			

Mc Series 735

ScV March 2, 1917

Mc 11961 Bole

	B	C	PC
5			5.3
6			6.3
8			8.0
9			8.7
10			9.0
11	4.0 3.9 4.00	4.0	9.4
12		4.3	9.8
13		5.0	
14		5.3	
15		5.8	
16		6.1	
17		6.3	
18		6.9	
19		7.3	
20		7.8	
23		8.3 ~~8.7~~ w.s	
25		8.8	
26		9.3	
27		9.8	

See page 186

Poor series - plates fogged

Mc Series 140

Dc V

March 20, 1917

11 05 Mc 4024 Pole

	B		C		4029 P197			PC				
5								5.1	5.05 10 5.0	5.05	5.05 00	1,44
6								6.5	5.50 00 5.5	5.60	05 05 5.55	1,56
8								7.1	7.00 11 6.9	7.00	7.00 00	1,23
9								7.6	7.55 01 7.5	7.75	10 10 7.65	1,18
10	3.0 2.9				3.2	3.10 11	5,92	7.5		7.85	18 17 7.68	1,34
11	3.5 3.4	3.60 11	3.7		3.88	14 14 3.74	5,81	8.3	·		8.3	1,25
12	4.0 3.9	4.00 00	4.0		4.25	13 13 4.12	5,74	8.8		8.90	05 05 8.85	1,01
13			4.4	4.35 01 4.3	4.70	17 18 4.52	5,78	9.2		9.3	9.25 01	1,05
14			5.0		5.1	01 5.05	5,60			9.8	9.8 9	0,85
15			5.3	5.40 11 5.5	5.5	05 05 5.45	5,59					
16			5.8		5.9	01 5.85	5,55					
17			6.1		6.1	6.10 10	5,53					
18			6.7		6.7	6.70 00	5,36					
19			7.0		7.1	7.05 01	5,37					
20			7.5	7.40 11 7.3	7.3	05 06 7.35	5,38					
23			7.9		7.8	10 17.85	5,49					
25			8.3	8.40 11 8.5	8.4	00 8.40	5,47					
26			8.9		8.9	8.90 00	5,43					
27			9.3		9.3	9.30 00	5,39					
28			9.8		9.8	9.80 00	5,31					

Mc Series

Copied B 9a:35

DeV

March 20, 1917

Mc 4025 V Cygni 20 38 + 47.8

Abs. corr. + 22

	B	C	Cr	magn	PC	Cr	magn
a					5.1	1.51	6.61
b					6.1	1.43	7.53
c					6.05 10 6.1 6.0	1.43	7.48
d					6.3	1.40	7.70
e					7.1	1.30	8.40
f					6.9	1.33	8.23
g					ws ~~7.7~~ 7.1	1.30	8.40
h	3.05 10 3.1 3.0 3.0 2.9 .02		5.96	9.01	ws ~~8.9~~ 7.7	1.20	8.90
k	3.2 3.15 3.1 3.1 3.0		5.92	9.07	7.8	1.18	8.98
l	3.6 3.50 12 3.4 3.5 3.3		5.86	9.36	8.0	1.16	9.16
m		5.1	5.59	10.69			
n		5.0	5.60	10.60			
o		5.4	5.54	10.94			
p		6.0	5.49	11.49			
q		6.2	5.48	11.68			
q'		6.5	5.47	11.97			
r		7.0	5.43	12.43			
s		7.40 11 7.5 7.3	5.41	12.81			
t		7.5	5.40	12.90			
u		7.8	5.40	13.20			
w		8.0	5.40	13.40			
x		8.60 31 8.5 8.7	5.38	13.98			
y		9.0	5.37	14.37			
z		9.3	5.36	14.66			
α		9.60 31 9.5 9.7	5.33	14.93			
β		9.8	5.33	15.13			

Mc Series 140 copied B9a!39

ScV

March 20, 1917

Mc 4026 X Delphini 20 50 + 17.5

alt. corr +.18

	B		c	Cu	Magn	pc	Cu	magn
a						7.2	1.28	8.48
b						6.7	1.35	8.05
c						Sup.		
d						7.5	1.23	8.73
e	3.8 3.7	3.80	3.8	5.80	9.60	8.9	1.02	9.92
f			3.9 4.1 4.00±1	5.76	9.76	9.2	0.98	10.18
g			5.2	5.58	10.78			
h			4.3 4.5 4.40±1	5.68	10.08	9.8	0.87	10.67
k			5.3	5.56	10.86			
l			5.6	5.52 Close to another inv.	11.12			
l'			6.1	5.49	11.59			
m			6.3	5.47	11.77			
n			7.8	5.40	13.20			
o			8.9	5.37	14.27			
p			7.9	5.40 near fl-object	13.30			
q			8.3 8.5 8.40±1	5.39	13.79			
r			9.1	5.36	14.46			
s			9.3	5.35	14.65			
t			9.7	5.33	15.03			

Mc Series 140

Copied B39a: H5

8cV

March 20, 1917

Mc 4027 RR Aquarii 21 10 − 3

Adj. corr. + .03

	B		C	Cu	magn	PC	Cu	magn
a						5,2	1,51	6.71
b						6,8	1.33	8,13
c						6,1	1.43	7,53
d						6,9	1.33	8,23
e	$\overset{3.1}{3,0}$			5.93	9,03	7,5 $\overset{7.60\pm1}{7,7}$	1.22	8,82
f	$\overset{3,0}{2,9}$			5.97	8,97	7,5	1.24	8,74
g	$\overset{4.1}{4,0}$	4.15±0	42	5.72	9,87	9,0	1.00	10,00
h			48	5.62	10,42			
k			5,3 $\overset{5,40\pm1}{5,5}$	5,54	10,94			
l			5,3	5.57	10,87			
l'			6,0 $\overset{5,90\pm2}{5,8}$	5.50	11,40			
m			6,2	5.48	11,68			
m'			6,5 $\overset{6.60\pm1}{6,7}$	5.45	12,05			
n			7,3	5.42	12,72			
o			7,1	5,42	12,52			
p			7,5	5.40	12,90			
q			7,5	5,40	12,90			
r			7,7	5,40	13,10			
s			8,0	5.40	13,40			
t			8,5 $\overset{8,60\pm1}{8,7}$	5.38	13,98			
u			8,9	5,37	14,27			
w			9,7	5.33	15,03			
RR			5,0	5.60	10,60			

Images elongated –

Mc Series 140

Copied B9a:49

DcV

March 20, 1917

Alt. corr +.23

MC 4028 VZ Cygni 21 48 + 42.5

	B		c		Cn	magn	pc		Cn	magn
a							7.0	7.00°° 7.0	1.31	8.31
b							6.9		1.33	8.23
c	3.5 3.4				5.86	9.36	8.1		1.14	9.24
d	B						7.1		1.30	8.40
e	3.4 3.3				5.88	9.28	8.1		1.15	9.25
f	4.1 4.0	15.0 4.20	4.3	4.20 ±1 4.1	5.72	9.87	8.9		1.02	9.92
g		4.35 ±1	4.9		5.61	10.51	9.8		0.88	10.68
h	4.2 4.1	~~4.45~~ 22	4.7	4.50 22 43	5.70	10.03	9.0		1.00	10.00
k			5.1		5.60	10.70				
l			5.7		5.51	11.21				
m			6.1		5.49	11.59				
n			6.7	6.80 ±1 6.9	5.44	12.24				
o			7.1		5.42	12.52				
p			7.5		5.40	12.90				
q			7.8		5.40	13.20				
r			8.0		5.40	13.40				
s			8.1		5.40	13.50				
t			8.8		5.38	14.18				
u			9.0		5.37	14.37				
w			9.3		5.36	14.66				
x			9.5		5.35	14.85				
y			9.8		5.33	15.13				

Mc Series 140

DeV

March 20, 1917

Mc 4029 Pole

	B		C	PC
5				5,05 10 5,1 5,0
6				5,60 12 5,7 55
8				7,00 12 7,1 6,9
9				7.75 20 7,7 78
10	3.2 3,1			7,85 10 7,9 7,8
11	3.9 3,7	[illegible] 3.88	3,85 01 38 39	Close to another im.
12			4,25 01 4,2 4,3,	8.90 12 9,0 8,8
13			4.76 11 4,6 4,8	9,3
14			5,1	9,8 ?
15			5,5	
16			5,9	
17			6,1	
18			6,7	
19			7.1	
20			7.3	
23			7.8	
25			8,4	
26			8.9	
27			9.3	
28			9.8	

See page 192

'1 04

MC Series 140

DcV

March 21, 1917

Reject per H.S.L. March 23, 1917

12 40 MC 4029 Cole

	B	C	4035 p203			PC		
5						5.1	6.1	1.39
6						5.7	6.7	1.41
8						7.1	8.0	1.13
9						7.9	8.9	0.93
10	3.2 3.1		3.1	3.15^{01}	5.87	7.9	9.0	1.12
11		3.9	3.5	3.70^{23}	5.85	Too near another st.	9.8	
12		4.3	3.85	4.08^{2213}	5.78	9.0		0.86
13		4.7	4.3	4.50^{22}	5.80	9.5		0.80
14		5.0	4.8	4.90^{11}	5.75	9.8		0.85
15		5.5	5.2	5.35^{12}	5.73			
16		5.8	5.5	5.65^{22}	5.75			
17		6.1	5.9	6.00^{11}	5.63			
18		6.7	6.5	6.60^{11}	5.46			
19		7.1	6.8	6.95^{12}	5.47			
20		7.3	7.1	7.20^{11}	5.53			
23		7.9	7.8	7.85^{10}	5.49			
25		8.5	8.3	8.40^{11}	5.47			
26		8.9	8.8	8.85^{10}	5.48			
27		9.5	9.3	9.40^{12}	5.29			
28		9.9	9.8	9.85^{10}	5.26			

Mc Series 140 Copied B9a:53

DeV

March 21, 1917

Mc 4031 HC 4773 22 11 +49.4

add. corr + .22

	B	C	Cm	Magn	PC	Cm	Magn
1					6,5	1,22	7,72
2					6,5	1,22	7.72
3	3.00'' ~~2.90''~~ 3.1 2.9 3,0 2,8		5.91	8,91	7,7	1,00	8,70
4	3.4 3,3		5.87	9,27	8,40'' 8,5 8,3	0,91	9,31
5	3.8 3,7 3.85''	3,9	5,82	9,67	Too close to another im		
6		4,3	5.78	10,08	9,3	0,83	10,13
7		4.95'' 5,0 4,9	5.73	10,68			
8		4,9	5.74	10,64			
9		5,1	5.72	10,82			
10		5,3	5.70	11,00			
11		5,8	5.64	11,44			
12		6,1	5.61	11,71			
13		6,3	5.60	11,90			
14		7,5	5.49	12,99			
15		8,1	5.47	13,57			
16		8,7	5.41	14,11			
17		9,0	5.38	14,38			
18		9,3	5.34	14,64			
19		9.7	5.26	14.96			

Mc Series 140

Copied B9a:55

ScV

March 21, 1917

alt. corr +.23

Mc 4032 R Lacertae 22 39 + 41.8

	B	C	Cm	Magn	PC	Cm	magn
a					7.3	1.07	8,37
b	3.2 3.1		5.88	9,08	8.1	0.94	9,04
c	3.1 3.0		5.90	9,00	8.1 8.0 8.05 10	0.95	9.00
d	3.1 3.0		5.90	9.00	8.1	0.94	9.04
e	3.4 3.3		5.87	9,27	8.5	0.90	9,40
f		3.9	5.82	9.72	9.0	0.86	9,86
g'		4.1	4.10''5	9,90	9.3	0.83	10.13
g		ws ~~4.7~~ 5.2	5.05 5.80 5.10 5.72	10.72			
h		4.7	5.75	10,45	9.5	0.81	10,31
k		5.0	5.73	10,73			
k1 l		5.2	5.71	10.91			
		6.1	5.61	11.71			
m		6.7	5.56	12,26			
n		7.0	5.52	12,52			
o		7.1	5.51	12,61			
p		7.3	5.50	12,80			
q		7.2	5.50	12,70			
r		7.5	5.49	12,99			
s		7.2	5.50	12,70			
t		7.5	5.49	12,99			
u		8.0	5.47	13.47			
w		7.7	5.48	13.18			
x		8.5	8.40'' 8.3 5.46	13.86			
y		8.8	5.40	14.20			
z		9.3	5.33	14.63			
α		9.7	5.25	14.95			

Mc Series

Copied B9a:58

SeV

March 21, 1917

Mc 4033 SW Cass. 23 03 + 58.0

Alt. corr 7.21

	B	C	Cn	magn	PC	Cn	magn
a					7.9	0.97	8,87
b	3.3 3.2		5.87	9.17	8.7	0.87	9,57
c		5.1	5.72	10,82			
d		4.0	5.81	9,81	9.3	0.83	10,13
e		5.3	5.70	11,00			
f		6.5	5.57	12,07			
g		6.7	5.55	12,25			
h		7.3	5.50	12,80			
k		7.5	5.49	12,99			
l		7.8	5.48	13,28			
m		8.20± 8.1 8.3	5.46	13,66			
n		8.7	5.41	14.11			
o		8.9	5.40	14,30			
p		9.40± 9.3 9.5	5.30	14.70			
q		9.7	5.25	14,95			
SW		4.8	5.75	10,55			

MC Series 140

Copied B9a:161

SeV

March 21, 1917

Alt. corr + 14

MC 4034 S Pegasi 23 16 +84

	B	C	Cn	magn	PC	Cn	magn
a					7.1	1.10	8.20
b					6.7	1.17	7.87
c					8.0	0.95	8.95
d					7.9	0.96	8.86
e					8.3	0.92	9.22
f					7.9	0.96	8.86
g		3.9	5.81	9.71	9.8	0.80	10.60
h	B				8.0	0.95	8.95
k	3.4 3.3		5.86	9.26	9.8	0.80	10.60
l	3.3 3.2		5.87	9.17	9.3	0.83	10.13
m		4.0	5.81	9.81			
n		4.2	5.80	10.00			
o		4.1	5.80	9.90			
p		5.3	5.70	11.00			
q		5.1	5.72	10.82			
r		5.3	5.70	11.00			
s		5.4	5.69	11.09			
s'		6.0	5.63	11.63			
t		6.3	5.60	11.90			
t'		7.1	5.52	12.62			
u		7.1	5.52	12.62			
v		7.9	5.47	13.37			
w'		8.1	5.47	13.57			
x		8.60±1 8.5 8.7	5.42	14.02			
y		9.1	5.37	14.47			
z		9.7	5.26	14.96			

Mc Series 140

DeV March 21, 1917

Mc 4035 Bole.

	B		C	PC
5				6.1
6				6.7
8				8.0
9				8.9
10	3.1 3.0			9.0
11	3.5 3.4			9.8
12	3.8 3.7	3.85°'	3.9	F
13			4.3	
14			4.8	
15			5.2	
16			5.5	
17			5.9	
18			6.5	
19			6.8	
20			7.1	
23			7.8	
25			8.3	
26			8.8	
27			9.3	
28			9.8	

2 20 See page 198

MC Series 720

Sheet no 375

Dec

March 30, 1917

11 ov MC 11711 Cole

	B		C	11716 p210				PC			
5								5.3	5.2	5.25^{10}	1,24
6								6.1	6.1	6.10^{00}	1,01
8								7.5	7.7	7.60^{11}	0,63
9								8.5	8.3	8.40^{11}	0,43
10	2.5 2.4			3.0		2.75^{32}	6,27	8.7	8.5	8.60^{11}	0,42
11	3.2 3.1			3.5		3.35^{21}	6,20	9.65^{21} 9.8	9.5	9.2 9.42^{2322} poor	0,13
12	3.5 3.4			3.85		3.68^{1817}	6,18	9.9	9.8	9.85^{10}	0.01
13	4.0 3.9	4.05^{01}	4.1	4.3		4.18^{1312}	6,12				
14	4.3 4.2	4.35^{20}	4.40 4.4	4.4	5.0	4.68^{3332}	5,97				
15			5.05^{10} 5,1	5.0	5.5	5.28^{1312}	5,80				
16			5.60^{21} 5.5	5.7	5.9	5.75^{1515}	5,65				
17			6.05^{10} 6.1	6.0	6.1	6.08^{0202}	5,55				
18			6.7	6.9		6.80^{11}	5,26				
19			7.1	7.20		7.15^{0505}	5,27				
20			7.8	7.5		7.65^{21}	5,08				
23			8.8	8.1		8.45^{43}	4,89				
25			9.7	8.9		9.30^{44}	4,57				
26			F	9.40		$9.40^{3.}$	4,93				
27				9.9		$9.9^{2.}$	4,79				

Poor Plate

MC Series 720

Copied B9a:176

Card.

ScY

March 30, 1917

MC 11712 VV Cygni $2\overset{1}{\text{x}}\ \overset{12}{5\text{q}} + 45$

alt corr +.21

Var. Seq	B	C	Cm	magn	PC
a		5.2	5.84	11.84	
b		w.s ~~5.2~~ 6.1	5.56	11.66	
c		6.4	5.47	11.87	
d		6.7	5.37	12.07	
e		w.s ~~5.3~~ 6.7	5.37	12.07	
f		7.2	5.20	12.40	
g		7.5	5.11	12.61	
h		8.0	4.98	12.98	
k		8.3	4.90	13.20	
l		8.7	4.77	13.47	
m		8.5 8.7 8.60^{21}	4.81	13.41	
n		9.3 9.5 9.40^{21}	4.61	14.01	
o		9.8 9.7 9.75^{01}	4.53	14.2~~3~~8	
p		F			
q		F			

Poor Plate

Over

MC Series 720

Sc V

March 30, 1917

Card.

Alt. corr + .21

MC 11712 cont.

		P		c	cm	magn	PC 8.25 10		cm	magn
Ref Seq	1	2.9 2.8			6.27	9.17	8.3	8.2	0.48	8.73
	2	3.4 3.3			6.23	9.63	8.9		0.31	9.21
	3	3.7 3.6			6.18	9.88	9.3		0.20	9.50
	4	4.2 4.1	4.20°°	4.2	6.08	10.28	9.8		0.07	9.87
	5			5.4	5.77	11.17				
	6			5.8	5.66	11.46				
	7			6.0	5.60	11.60				
	8			6.3	5.50	11.80				
	9			6.4	5.47	11.87				
	10			7.0	5.27	12.27				
	11			7.40'' 7.5 7.3	5.13	12.53				
	12			7.5	5.11	12.61				
	13			7.7	5.04	12.74				
	14			8.1	4.94	13.04				
	15			8.2	4.92	13.12				
	16			8.5	4.84	13.34				
	17			8.9	4.73	13.63				
	18			9.40'' 9.5 9.3	4.60	14.00				
	19			9.70°° 9.7 9.7	4.53	14.23				
	20			9.80°° 9.8 9.8	4.52	14.32				

MC Series 720

Set

March 30, 1917

Card.

Abs. corr +.18

MC 11713 Dm Ref

	B		C	Cm	magn	PC	Cm	magn
1						6.5	0.92	7.42
2						7.4	0.69	8.09
3	2.9 2.8			6.27	9.17	8.5	8.60L' 8.7 0.38	8.98
4	3.2 3.1			6.25	9.45	8.9	0.31	9.21
5	4.3 4.2	4.30	4.3	6.07	10.37			
6			5.1	5.87	10.97			
7			5.5	5.75	11.25			
8			5.8	5.66	11.46			
9			6.2	5.53	11.73			
10			6.3	5.50	11.80			
11			6.9	5.32	12.22			
12			7.1	5.24	12.34			
13			7.3	5.16	12.46			
14			7.5	5.11	12.61			
15			7.7	5.04	12.74			
16			8.3	4.90	13.20			
17			8.5	4.84	13.34			
18			8.7	4.78	13.48			
19			9.5	9.60L' 9.7 4.55	4 13.15			

MC Series 720

Card.

S a V

March 30, 1917

MC 11714   22 19 + 15 (Ref Seq for 90 K used)

Alt. corr +.16

	B		C	Cm	Magn	PC	Cm	Magn
1						5,8	1.07	6,87
2						7,7	0.61	8,31
3	3.3 3,2			6.23	9,53	8,7	0.36	9,06
4	3.9 3,8	3.90		3,9	6,15	10,05	9,3	0.20	9,50
5			5,3	5.81	11,11			
6			6,2	5.53	11,73			
7			6,4	5.46	11,86			
8			7,1	5.25	12,35			
9			7,2	5.20	12,40			
10			7,8	5.62	12.82			
11			8,0	4.97	12,97			
12			8,3	4.89	13,19			
13			8.80 8,7	8,9 4.76	13,56			
14			9,5	4.58	14.08			
15			98	4.52	14.32			

MC Series 720

Card.

Be Y

March 30, 1917

MC 11715 Eunomia

Ast. corr + .12

				Cr	magn		Cr	magn
1						6.9	0.80	7.40
2						7.3	0.71	8.61
3						7.7	0.61	8.31
4	3.8 3.7	3.85''	3.9	6.17	10.02	9.1 9.3 9.20''	0.22	9.42
5			3.9	6.15	10.05	9.3	0.20	9.50
6			4.2	6.08	10.28	9.8	0.07	9.87
7			5.0	5.90	10.90			
8			5.6	5.73	11.33			
9			5.9	5.64	11.54			
10			6.5	6.40'' 6.3 5.47	11.87			
11			6.5	5.44	11.94			
12			6.9	5.32	12.22			
13			7.1	5.25	12.35			
14			7.5	5.12	12.62			
15			8.0	4.97	12.97			
16			8.9	4.73	13.63			
17			9.5	4.57	14.07			

Mc Series 720

Scy

March 30, 1917

Mc 11716 Pole

	B		C		PC
5					5.2
6					6.1
8					7.7
9					8.3
10	3.0 2.9				8.5
11	3.5 3.4				9.2
12	3.8 3.7	3.85^{01}	3.9		9.8
13			4.3		
14			5.0		
15			5.5		
16			5.9		
17			6.1		
18			6.9		
19			7.3	7.20±1 7.1	
20			7.5		
23			8.1		
25			8.9		
26			9.3	9.40±1 9.5	
27			9.9		

12 30

See page 204

M D Series 119 Sheet no 377

DeV

April 10, 1917

10! 30 MD 3785 Pole

	B	C	3790 p217	PC
5				7.4 7.5 7.45^{01} −0.96~~04~~
6				8.1 8.0 8.65^{10} −0.94
8		6.1	6.3 6.20^{11} 2.03	9.5 9.7 9.60^{11} −1.37
9		7.2	7.1 7.15^{01} 1.68	F
10		7.4	7.3 7.35^{01} 1.67	
11		7.8	7.7 7.75^{01} 1.80	
12		8.1	8.1 8.10^{00} 1.76	
13		8.5	8.5 8.50^{00} 1.80	
14		8.7	8.8 8.75^{10} 1.90	
15		9.05^{01} 9.0	9.1 9.1 $9.08^{03\cdot 2}$ 2.00	
16		9.5	9.5 9.50^{00} 1.90	
17		9.95^{10} 9.9 9.7	10.0 9.8 $\overset{07\,08}{9.88}$ 1.75	
18		F		
19				

MD Series 119

D eV

April 10, 1917

alt. corr +.23

MD 3786 U Z Cygni 21 55 + 43.

B	C		Cf	magn
a	6.5	6.45^{10} 6.4	1.88	8.33
b	7.3	7.40^{21} 7.5	1.76	9.16
c	7.9	7.85^{10} 7.8	1.74	9.59
d	8.5	8.60^{21} 8.7	1.86	10.46
e	8.7		1.87	10.57
f	8.9		1.91	10.81
g	9.3	9.40^{21} 9.5	1.90	11.30
h	9.8	9.86^{21} 9.9	1.80	11.65
~~*~~	F			
Var.	8.1		1.77	9.87

MB Series 119

DeV

April 10, 1917

MB 3787 256V – 22 11 + 49.4

alt. corr +.22

	B	C	Corr	magn	PC		
1		5.4	'	.	8.9	−1.16	7.74
2		5.9	2.00	7.90	9.3	−1.25	8.05
3		7.1	1.78	.8.88			
4		7.5	1.76	9.26			
5		7.90 L1 7.8 8.0	1.75	9.65			
6		8.2	1.78	9.98			
7		9.1	1.92	11.02			
8		9.3	1.91	11.21			
9		9.60 L1 9.5 9.7	1.86	11.46			
10		9.75 L0 9.7 9.8	1.83	11.58			
11		10.0	1.74	11.74			

MF Series 119

Dev

April 10, 1917

MF 3748 257 Υ. 22 32 + 52

Alt corr + .22

Ref Seq

	B	C	Cu	Magn
1		6.4	1.89	8.29
2		7.1	1.78	8.88
3		7.60±1 7.5 7.7	1.75	9.35
4		7.7	1.74	9.44
5		7.7	1.74	9.44
6		7.9	1.75	9.65
7		8.7	1.87	10.57
8		8.9	1.90	10.80
9		9.0	1.91	10.91
10		9.60±1 9.5 9.7	1.86	11.46
11		9.8	1.81	11.61
12		F		

MF Series 119

April 10, 1917

MF 3788 cont

alt. corr + .22

	B	C		Cm	Magn	PC		Cm	Magn
Nova Sauteu Seq	2					5,3		·	
	1 2					4,9	$\overset{4.95\ \pm0}{5,0}$	·	
	3					6,1		·	
	4					6,1		·	
	5					7,0		·	
	6					7,8		-0,95	6,85
	7	4,8		·	·	8,1		-1,00	7.10
	8	5,0	$\overset{4.90\ 11}{4,8}$	·	·	8,3	$\overset{8.40\ \pm1}{8,5}$	-1,04	7.34
	9	5,1	$\overset{5.05\ 10}{5,0}$	·	·	8,5		-1,07	7.43
	10	5,4	$\overset{5.45\ 01}{5,5}$	·	·	8,9	$\overset{8.85\ 10}{8,8}$	-1,14	7.71
	11	5,5	$\overset{5.50\ 04}{5,5}$	·	·	8,9	$\overset{8.95\ \pm0}{9,0}$	-1,18	7,77
	11a	5,8	$\overset{5.90\ \pm1}{6,0}$	2,00	7.90	9,1	$\overset{9.20\ \pm1}{9,3}$	-1,23	7,87
	12	6,1	$\overset{6.10\ 00}{6,1}$	1,96	8,06	9,7	$\overset{9.60\ \pm1}{9,5}$	-1,33	8,27
	13	6,2	$\overset{6.38\ \pm1}{6,5}$	1.90	8,25	9,8		-1,38	8,42
	14	6,3	$\overset{6.40\ \pm1}{6,5}$	1,89	8,29	9,8		-1,38	8,42
	15	6,8	$\overset{6.90\ \pm1}{7,0}$	1,80	8,70				
	16	7,1	$\overset{7.15\ \pm0}{7,2}$	1,78	8,93				
	17	7,7	$\overset{7.70\ 00}{7,7}$	1,74	9.44				
dbl.	18	7,9	?	1,75	9,65				
	19	8,1	$\overset{8.10\ 00}{8,1}$	1,76	9,86				
	20	8,3	$\overset{8.40\ \pm1}{8,5}$	1,83	10,23				
	21	8,7	$\overset{8.70\ 00}{8,7}$	1,88	10,58				
	22	9,0	$\overset{8.95\ 0\pm}{8,9}$	1,91	10,86				
	23	9,3	$\overset{9.40\ \pm1}{9,5}$	1,90	11,30				
	24	9,5	$\overset{9.60\ \pm1}{9,7}$	1,87	11,47				
	25	9,7	$\overset{9.80\ \pm1}{9,9}$	1,81	11,61				
	26	~~9,8~~							

MB Series 119.

Sex

April 10, 1917

MB 3789 260 r. R Segassi 23 +10

Alt. corr +.14

	B	C	Cm	magn	PC		
a		4.1	·		7.5	−0.92	6.58
b		B			7.3	−0.90	6.40
c		4.7	·		7.9	−0.97	6.93
d							
e		5.3	·		8.85^{21} 9.0 8.7	−1.13	7.72
f		6.3	1.90	8.20			
g		6.5	1.87	8.37			
h		7.5	1.76	9.26			
k		7.35^{-01} 7.4 7.3	1.76	9.11			
l		7.6	1.74	9.34			
m		8.20^{21} 8.1 8.3	1.79	9.99			
n		8.70^{21} 8.8 8.6	1.87	10.57			
o		9.5	1.88	11.38			
p		9.3	1.91	11.21			
q		9.8	1.81	11.61			
r		9.5	1.88	11.38			
s		9.8	1.81	11.61			

MD Series 119

SeV April 10, 1917

MD 3790 Pole

B	C	PC
5		7.5
6		8.0
8	6.3	9.7
9	7.1	F
10	7.3	
11	7.7	
12	8.1	
13	8.5	
14	8.8	
15	9.1	
16	9.5	
17	9.8	
18	F	

See page 211

12 15