KG
11366
006

E. F. L.

Long Exposure HS Regions + Series No 58

KG11365.006

Sc G H3

Sc 1 use 1 – 7
S 2 " 5 – 10

KG 11365.006

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Aug. 13 1918

Sc n

12 – MC 15062 Pole + Nova PC   Aq. Sup.

	Sc B	Sc C	Sc B	Sc C
5	B		3.8	3.5
6	B			5.8
8				8.2
9				9.0
10	3.2	x		9.1 9.3
11	4.0	3.7		7
12		4.3		
13		4.8		
14		5.5		
15		6.0		
16		6.3		
17		6.7		
18		7.5		
19		8.7 near gr.		
20		9.0		
23		9.8? 9		
25				
26				

Rejected – wait for different scale

Over –

Aug 13, 1918

Se N Seq for Nova Aquilae No 3:

		MC 15062			PC	
		Sc B	C		B	c
	e	B			3.2	
Dbl.	g				4.8 8.8 }	
	h				4.3	
	k				4.2	
	l				~~5.0~~	5.0
	m				~~5.8~~	5.5
	n					5.9
	o					6.1
	p					7.2
	q					8.1
	r	2.9				8.9
	s	3.0				9.0?
	t	4.0	3.6			
w	~~u~~		4.6			
x	~~v~~		5.2			
	x		5.3			
	y		5.3			
	z		6.0			
	α		6.5			
	β	w.s	6.3 ~~7.7~~			
	γ		7.1			
	δ		8.1			
	ε		9.0			
	ζ		9.9 ?			
	η					
	θ					
	u		3.8			

Reject - wait for different scale

1 —

Aug 1~~4~~3, 1918

Sc V

2 : 00 Mc 15062 Pole + Nova Aq. sup.

	Mc 15062		Sc 2 B		FC	
5					4.8	1.69
6					6.7	0.41
8					8.1	0.13
9					9.0	-0.17
10	4.4 4.3	4.35 01	4.3	4.67	9.2	-0.18
11			5.2	4.35	F	
12			5.5	4.36		
13			6.0	4.30		
14			6.3	4.35		
15			6.8	4.28		
16			7.2	4.20		
17			7.5	4.13		
18			8.1	3.96		
19			8.7	3.72 near gr.		
20			9.0	3.73		
23			F			
25						

Over

Sc Y

Aug $\overset{3}{14}$, 1918

Seq for Nova Aq No 3

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	MC 15062			Sc2			PC	alt. +.06	
	e						4.1	..	
Dbl.	g								magn.
On edge	h						5.4	1.24	6.64
	k						5.3	1.30	6.60
	l						6.1	0.78	6.88
	m						6.8	0.46	7.26
	n						7.3	0.30	7.60
	o				curve Magn.		7.7	0.20	7.90
	p	B			..		8.1	0.10	8.20
	q	3.3 3.2			..		8.3	0.04	8.34
	r	3.6 3.5	3.65 .01	3.7	..		8.9	−0.14	8.76
	s			4.0	..		9.1	−0.18	8.92
	t			4.7	..				
	u		w.5	4.9 ~~5.6~~	..				
	w			5.5	4.36	9.86			
	x			6.2	4.32	10.52			
	y			6.5	4.30	10.80			
	z			6.9	4.25	11.15			
	α			7.3	4.18	11.48			
	β			7.2	4.20	11.40			
	γ			8.0	4.00	12.00			
	δ			8.3	3.90	12.20			
	ε			9.0	3.68	12.68			
	ζ			9.9?	..				
	η								
	θ								

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Aug 13, 1918

Sc V

Seq for Nova Aql No 3

MC 15066 Sc 2 18 45 + 0.5 alt +.03

	e					P.C. Sc 1.35 3.4		
Dbl.	g						Curve	Magn
	h					4.9	..	
	k					4.6	..	
	l					5.2	..	
	m					5.8	1.51	7.31
	n					6.5	1.25	7.75
	o					6.9	1.13	8.03
	p			Curve	Magn.	7.9	0.81	8.71
	q					8.1	0.74	8.84
	r	3.2 3.1		+5.80	9.00	8.7	0.59	9.29
	s	3.4 3.3		5.79	9.19	8.9	0.52	9.42
	t		4.1	5.73	9.83	9.5	0.40	9.90
	u	4.40 $^{1.1}$	ws 4.3 ~~4.7~~ 4.5	5.69	10.09	scr.		
	v		4.8	5.61	10.41			
	x		5.3	5.50	10.80			
	y		5.8	5.36	11.16			
	z		6.1	5.26	11.36			
	α		6.5	5.15	11.65			
	β		6.7	5.10	11.80			
	γ		7.1	4.99	12.09			
	δ		7.8	4.78	12.58			
	ε		8.3	4.61	12.91			
	ζ		9.8	4.07	13.87			
	η		7?					
	θ							

δ c V

Aug 13, 1918

Mc 15067 Pole

		Sc2		PC	
5	TB			TB	
6				5.5	1.61
8				7.3	0.9.3
9				8.0	0.83
10	3.2 3.1		5.82	8.5	0.52
11		3.8	5.75	9.0	0.55
12		4.1	5.76	9.5	0.36
13		4.6	5.70	9.9	0.40
14		5.0	5.65		
15		5.7	5.38		
16		6.1	5.30		
17		6.5	5.13		
16		7.1	4.96		
19		7.5	4.92		
20		7.9	4.83		
23		9.0	4.34		
25		9.8	4.07		

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ScV

Seq for Nova Aq. No 3

	MC 15068		18 45 + 0.5				Alt. +.021	
	e					PC B		
DH	g						curve	magn.
	h					4.6	on edge	
	k					4.7	..	
	l					5.3	..	
	m					5.9	1.48	7.38
	n					6.5	1.25	7.75
	o					6.9	1.13	8.03
	p					7.5	0.92	8.42
	q			curve	magn.	8.0	0.78	8.78
	r					8.5	0.64	9.14
	s	3.5 3.4		5.78	9.28	8.9	0.53	9.43
	t		4.1	5.74	9.84	~~9.8?~~		
	u		4.3	5.70	10.00			
	w		4.9	5.64	10.54			
	x		5.3	5.50	10.80			
	y		5.7	5.39	11.09			
	z		6.2	5.24	11.44			
	α		6.7	5.10	11.80			
	β		6.5	5.15	11.65			
	γ		7.2	4.96	12.16			
	δ		7.8	4.78	12.58			
	ε		8.3	4.61	12.91			
	ζ		9.5	4.18	13.68			
	η		9.8	4.07	13.87			
	θ		9.8?	4.07	13.87?			

4,00

September 10, 1918

Se V

11! 05 MC11256 D1 Long Exp.

e	e	Comp. e				Se2	Diff.	Curve	Magn.	Se2 J		Se2 L	Diff.	Curve	Magn.	Se2 PC	Diff.	Curve	Magn.	
			1			B				B		B				4.1	3.45	3.43	7.53	3.7
			2			B				B		B	~~4.05~~			4.4	3.31	3.37	7.77	3.6
			3			B				3.8 3.7	00 3.80	3.8 3.7	4.05	4.11	7.91	4.6	3.25	3.32	7.92	3.6
			4			B				4.0	00 4.00	4.0 3.9	4.10	4.07	8.07	4.9	3.20	3.26	8.16	3.5
			5			B				4.0	00 4.00	4.0	3.97	4.07	8.07	4.9	3.07	3.26	8.16	3.4
			6			B				4.2	00 4.20	4.2	4.20	4.02	8.22	5.2	3.20	3.20	8.48	3.3
			7			B				4.1	11 4.15	4.2	4.15	4.03	8.18	5.3	3.00	3.18	8.48	3.3
			8			B				4.8	01 4.75	4.7	3.85	3.90	8.65	5.5	3.10	3.13	8.63	3.3
			9			B				5.0	01 4.95	4.9	3.93	3.85	8.80	5.8	3.08	3.07	8.87	3.2
			10			B				4.9	00 4.90	4.9	4.80	3.86	8.76	5.9	3.04	3.04	8.94	3.07
			11			B				5.8	00 5.80	5.8	3.61	3.65	9.45	6.4	3.01	2.89	9.29	2.89
			12			B				6.0	00 6.00	6.0	3.49	3.60	9.66	6.80 11 6.9 6.7	2.69	2.77	9.57	2.82
			13			B				6.3	00 6.30	6.3	3.35	3.52	9.82	7.20 11 7.3 7.1	2.45	2.62	9.82	2.74
			14			B				6.2	01 6.25	6.3	3.60	3.53	9.78	7.3	2.55	2.62	9.92	
			15			B				6.3	10 6.35	6.4	3.60	3.51	9.86	7.3	2.65	2.62	9.92	
			16			B				7.0	01 6.95	6.9	3.28	3.38	10.33	7.9	2.33	2.39	10.2~~8~~9	
			16a			B			10.76	6.9	7.00	7.1	3.44	3.37	10.37	8.1	2.34	2.32	10.42	
			17	3.0 2.9			7.75	7.76	w.s	75 ~~6.9~~	00 7.50	7.5	3.25	25 3.37	10.75	8.7	2.05	2.17	10.87	
			18	3.3 3.2			7.74	7.74	11.04	7.9	11 8.00	8.1	3.04	3.13	11.13	8.9	2.14	2.14	11.04	
			19	3.4 3.3			7.73	7.73	11.13	8.0	01 8.05	8.1	3.08	3.12	11.17	9.0	2.13	2.13	11.13	
4.16	7.76	11.50	20	3.6 3.5			7.56	7.71	11.31	8.3	10 8.25	8.2	2.91	3.08	11.33	9.2	1.96	2.12	11.32	
.	.	,	21	3.5 3.4			7.88	7.73	11.23	8.3	00 8.30	8.3	3.08	3.07	11.37	9.1? near another st.	2.28	2.13	11.38	
4.09	7.99	11.73	22	3.9 3.8	00 3.90	3.9	7.70	6 7.76	11.56	8.5	00 8.50	8.5	3.10	3.01	11.51	9.3? ft.	2.30	2.12	11.42	
4.01	8.21	11.95	23			4.2	7.67	7.60	11.86	8.9	10 8.95	9.0	2.92	2.90	11.85	9.8?	2.07	2.17	11.97	
4.00	8.30	12.04	24			4.3	7.66	7.58	11.88	9.0	01 9.05	9.1	2.91	2.87	11.92	9.8	2.16	2.17	11.97	
3.86	8.76	12.50	25			4.9	7.29	7.46	12.36	9.3	11 9.40	9.5	2.79	2.77	12.17	9.9	2.29	2.18	12.08	
3.83	8.83	12.57	26			5.0	7.33	7.43	12.43	9.7	00 9.70	9.7	2.63	2.67	12.37					
3.83	8.83	12.57	27			5.0	7.44	7.43	12.43	tp	.	tp	.	.	.					

September 10, 1918

DeV

MC 11256 (cont)

				Sc 2	5.60 ''	Diff.	Curve	Magn.
3.70	9.36	13.04	28	5.7	5.5	7.27	7.27	12.87
3.67	9.37	13.11	29	5.7		7.19	7.27	12.97
3.60	9.60	13.34	30	6.0		7.22	7.10	13.10
3.52	9.82	13.56	31	6.3		7.10	6.99	13.29
3.41	10.21	13.95	32	6.8		6.79	6.83	13.63
3.37	10.37	14.11	33	7.0		6.84	6.76	13.76
3.34	10.44	14.18	34	7.1		6.75	6.72	13.82
3.31	10.51	14.25	35	7.2		7.11	6.70	13.90
3.29	10.59	14.33	36	7.3		7.15	6.68	13.98
3.07	11.37	15.11	37	8.3		6.54	6.55	14.85
2.89	11.89	15.63	38	9.0		6.10	6.58	15.58
2.82	12.02	15.76	39	9.3	9.20 '' 9.1	6.10	6.59	15.79
2.74	12.24	15.98	40	9.5	9.50 oo 9.5	6.10	6.60	16.10

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Faint - SC's + diff images - hazy -

12:20

September 10, 1918

Dcy

1'.10 Mc 11257 D2 Long Exp.

						S02				g		h				S02 P.C				
							Diff.	Cu.	Magn.				Diff.	Cu.	Magn.		Diff.	Curve	Magn.	
			1			B				B		B				~~4.0~~ 3.9	3.33	3.47	7.37	3.50
			2			B				B		B				4.2	3.48	3.42	7.62	3.50
			3			B				B	:	B				3.7	3.50	3.49	7.19	3.33
			4			B				3.9 3.8	10 3.85	3.8 3.7	4.10	4.36	8.21	4.8	3.15	3.33	8.13	3.31
			5			B				B		B	.	.	.	4.3	3.56	3.40	7.70	3.29
			6			B				4.0	00 4.00	4.0	4.34	4.39	8.39	5.1	3.24	3.27	8.37	3.30
			7			B				4.0	01 4.05	4.1	4.50	4.38	8.43	5.3	3.25	3.22	8.52	3.29
			8			B				3.9	10 3.95	4.0	4.47	4.40	8.35	5.0	3.42	3.29	8.29	3.24
			9			B				4.9		def	3.99	4.08	8.98	5.8	3.09	3.08	8.88	3.24
			10			B				5.1	00 5.10	5.1	3.95	4.01	9.11	6.0	3.05	3.00	9.00	
			11			B				5.5	11 5.40	5.3	3.96	3.90	9.30	6.3	3.06	2.91	9.21	
			12			B				5.5	11 5.60	5.7	3.91	3.84	9.44	6.7	2.81	2.78	9.48	
			13			B				5.9	10 5.95	6.0	3.80	3.72	9.67	7.1	5 2.64	2.66	9.76	
			14			B				6.9	10 6.95	7.0	3.22	3.48	10.43	7.65 21 7.8 7.5	2.52	1 2.52	10.16	
			15			B				7.1	00 7.10	7.1	3.43	3.44	10.54	8.1	2.43	2.41	10.51	
			16			B				7.1	10 7.05	7.0	3. 3.47	3.46	10.51	8.1	2.42	2.41	10.51	
			17	3.2 3.1			7.62	7.80	0 11.02	7.3	11 7.40	7.5	3.42	3.39	10.79	8.5	2.32	2.37	10.87	
			17a	3.5 3.4			7.74	7.74	11.24	7.9	11 8.00	8.7	3.24	3.31	11.31	8.9	2.34	2.38	11.28	
4.55	8.15	11.89	18	3.5 3.4	11 3.60	3.7	7.72	7.72	11.32	8.1	00 8.10	8.1	3.22	3.30	11.48	9.0	2.32	2.39	11.39	
4.45	8.30	12.04	19	3.8 3.7	01 3.85	3.9	7.69	7.67	11.52	8.1	00 8.10	8.1	3.44	3.30	11.40	9.0	2.54	2.39	11.39	
4.41	8.31	12.05	20			3.9	7.72	7.65	11.55	8.3	00 8.30	8.3	3.32	3.29	11.59	8.9	2.72	2.38	11.28	
4.16	8.86	12.60	21			4.7	7.50	7.46	12.16	8.9	10 8.95	9.0	3.25	3.20	e 12.15	~~9.8~~ ?				
4.01	9.11	12.85	22			5.1	7.27	7.34	12.44											
3.95	9.25	12.99	23.			5.3	7.18	7.29	12.59											
.	.	.	24			Sup.	.	.	.											
3.70	9.70	13.44	25			6.0	7.24	7.09	13.09											
3.63	9.93	13.67	26			6.3	7.02	6.99	13.29											

September 10, 1918

				MC 11257 (cont)		Diff.	Curve	Magn.
3.50	10.30	14.04	27	wr u	6 6.80 ″ 7.9 6.7	6.90	6.88 ~~7.37~~	13.68
3.50	10.30	14.04	28		6.8	7.10	6.88 ~~7.37~~	13.68
3.33	11.18	14.92	29		7.85 10 7.9 7.8	6.39	6.66 ~~7.56~~	14.51
3.31	11.31	15.05	30		8.0	6.59	6.62	14.62
3.29	11.59	15.33	31		8.3	6.58	x	
3.30	11.40	15.14	32		8.1	6.76	6.60 x	14.70
3.29	11.59	15.33	33		8.3	7.00	x	
3.24	11.94	15.68	34		8.7	6.82	x	
3.24	11.94 ~~13.04~~	15.68	35		8.7:	6.96	x	
			36		9.80 00 9.8 ? 9.8	6.28	x	

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Faint - images hazy - poor.

2:00

September 11, 1918

Scv

9h.55 Mc 9654 D3 Long Exp.

						Sc2	Diff.	Curve	Magn.	g		h	Diff.	Curve	Magn.	PC Sc		Sc2	Diff.	T.C. Curve
			1			B				B		B				3.3 3.2			3.58	3.5
			2			B				B		B				3.3 3.5	3.1 30 11 3.20		3.28	3.5
			3			B				B		B				3.2 3.1			3.40	3.5
			4			B				B		B				3.5 3.4			3.55	3.4
			5			B				4.0 3.9		tp	3.38	3.69	7.69	3.8 3.7	01 3.85	3.9	3.53	3.4
			6			B				3.3 3.2		tp	3.95	3.73	7.03	3.8 3.7	01 3.85	3.9	3.40	3.4
			7			B				4.0	00 4.00	4.0 3.9	3.72	3.69	7.69	4.2 4.1	01 4.25	4.3	3.47	3.4
			8			B				tp		tp	.	.	.			4.3	3.42	3.4
			9			B				4.6	01 4.55	4.5	3.65	3.64	8.19			4.9	3.30	3.3
			10			B				5.1	00 5.10	5.1	3.44	3.58	8.68			5.20 11 5.1 5.3	3.34	3.3
			10a			B				6.7		tp	.	3.28	9.98			7.2	.	2.9
			10b			B				5.5	11 5.40	5.3	.	3.53	8.93			5.5	.	3.2
			11			B				4.9		tp	3.66	3.60	8.56			5.20 11 5.1 5.3	3.36	3.3
			12			B				5.1	00 5.10	5.1	3.72	3.58	8.68			5.4	3.42	3.3
			13			B				5.7	55 11 11 55 5.60	5.7	3.56	3.50	9.10			5.7	3.46	3.2
			14			B				6.3		tp	3.40	3.37	9.67			6.95 01 6.9 7.0	2.75	3.0
			15			B				6.5	11 6.60	6.7	3.17	3.30	9.90			6.8	2.97	3.0
Computed Magn.			16	2.8 2.7			7.16	7.45	10.25	6.9	10 6.95	7.0	3.01	3.22	10.17			7.20 11 7.3	? 2.66	2.9
			17	2.8 2.7			7.37	7.45	10.25	6.9	11 67.00	7.1	3.17	3.21	10.21			7.3	2.87	2.9
3.73	7.13	10.87	18	3.4 3.3			7.27	7.39	10.79	7.7	00 7.70	7.7	2.97	3.09	10.79			8.0	2.67	2.82
3.74	6.94	10.68	19	3.2 3.1			7.45	7.40	10.60	7.5	11 7.60	7.7	3.05	3.10	10.70			Sup	.	.
3.73	7.13	10.87	20	3.4 3.3			7.45	7.39	10.79	7.8	00 7.80	7.8	3.05	3.08	10.88			7.9	2.95	2.85
3.70	7.55	11.29	21	3.8 3.7	01 3.85	3.9	7.39	7.32	11.17	8.3		tp	2.94	3.04	11.34			Sup	.	.
3.57	8.77	12.51	22			5.2	6.98	7.10	3 12.80	9.1		tp	3.08	3.07	12.17			~~8.5?~~	.	.
3.66	7.96	11.70	23			4.3	7.30	7.26	11.56	8.3		tp	3.30	3.04	11.34			8.5?	3.10	2.7
3.61	8.41	12.15	24			4.8	7.09	7.18	11.98	8.8		tp	3.09	3.06	11.86			9.8	2.09	2.4
3.52	9.02	12.76	25			5.5	7.10	7.04	12.54											

September 11, 1918

DeV MC

B 9654 cont.

H.	T.C. Curve	Magn.		Sc2	Diff.	Curve	Magn.	Computed	Magn.	
-8	3.50	6.80	26	5.8	6.99	6.99	12.79	3.48	9.28	13.02
8	3.50	6.70	27	6.0	7.11	6.95	12.95	3.43	9.43	13.17
0	3.50	6.70	28	6.2	6.88	6.91	13.11	3.39	9.59	13.33
5	3.49	6.99	29	6.7	6.75	6.83	13.53	3.28	9.98	13.72
3	3.47	7.32	30	7.1	6.74	6.73	13.83	3.19	10.29	14.03
	3.47	7.32	31	7.5	6.54	6.77	14.27	3.11	10.61	14.35
7	3.43	7.68	32	7.7	6.75	6.76	14.46	3.09	10.79	14.53
2	3.42	7.72	33	8.1	6.71	6.73	14.83	3.04	11.14	14.88
	3.37	8.27	34	8.3 :	6.67	6.71	15.01	3.03	11.33	15.07
4	3.33	8.53	35	8.5	6.73	6.70	15.20	3.03	11.53	15.27
	2.98	10.18	36	8.80 -.1 8.7 8.9	6.86	6.65	15.45	3.05	11.85	15.59
	3.28	8.78	37	9.75 0.1 9.8 9.7	5.95 ~~6.05~~	6.44	16.19			
36	3.33	8.53	38	9.95 0.1 10.0 9.9	0 6.45	6.39	16.34			
12	3.30	8.73	39	F n.s	.	.	.			
46	3.24	8.94								
75	3.01	9.96								
7	3.04	9.84								
56	2.98	10.18								
7	2.97	10.27								
7	2.82	10.82								
	.	.								
15	2.85	10.75								
	.	.								
.	.	.								
10	2.72	11.22								
09	2.41	12.21								

Copied 37' 200

F images very hazy + not comp. with scale_

10' 10

September 12, 1918

Sc V

9:55 MC 10350 D+ Long Exp.

				Sc 1		Sc 2	Diff.	Curve	Magn.	g		h	Diff	Curve	Magn	PC	Diff	Curve	Magn	2.4
			1			B				4.3	$\overset{11}{4.20}$	4.1	2.88	2.85	7.05	4.6	2.48	2.60	7.20	2.4
			2			B				4.7		tp	2.73	2.78	7.48	4.9	2.53	2.55	7.45	2.48
			3			B				4.8	$\overset{00}{4.80}$	4.8	2.77	2.77	7.37	4.9	2.67	2.55	7.45	2.41
			4			B				4.9		tp	2.80	2.75	7.65	5.2	2.50	2.50	7.70	2.40
			5			B				5.5	$\overset{00}{5.50}$	5.5	2.58	2.66	8.16	5.5	2.58	2.45	7.95	2.40
			6			B				5.9	$\overset{10}{5.85}$	5.8	2.59	2.61	8.46	6.1	2.34	2.32	8.42	2.40
			7			B				5.7		tp	2.76	2.63	8.93	6.3	2.16	2.28	8.58	2.40
			8			B				6.0	$\overset{00}{6.00}$	6.0	2.79	2.60	8.60	6.5	2.29	2.24	8.74	2.41
			9			B				5.7	$\overset{10}{5.75}$	5.8	2.65	2.62	8.37	6.3	2.10	2.28	8.58	2.42
			10			B				6.0	$\overset{01}{5.95}$	5.9	2.98	2.68	8.55	6.5	2.43	2.24	8.74	
			11			B				6.5	$\overset{11}{6.60}$	6.7	2.57	2.50	9.10	6.8	$2.\overset{3}{9}7$	2.17	8.97	
			12			B				7.0	$\overset{11}{7.10}$	7.2	2.41	2.44	9.54	~~7.7~~? sup.			.	
			13			B				7.0		tp	2.44	2.44	9.44	7.7	1.74	2.00	9.70	
			14			B				7.5	$\overset{11}{7.60}$	7.7	2.32	2.40	10.00	8.0	1.92	1.94	9.94	
			15	$\overset{3.8}{37}$	$\overset{00}{3.80}$	3.8	6.30	6.40	10.20	7.7	$\overset{11}{7.75}$	7.8	2.35	2.40	10.15	8.2	1.90	1.90	10.10	
			16	$\overset{3.6}{3.5}$	$\overset{01}{3.65}$	3.7	6.23	6.42	10.07	7.5		tp	2.38	2.40	9.90	8.1	1.78	1.92	10.02	
2.87	6.87	10.61	17	$\overset{4.0}{39}$	$\overset{00}{4.00}$	4.0	6.27	6.37	10.37	7.8	$\overset{11}{7.90}$	8.0	2.37	2.40	10.36	8.3	1.97	1.89	10.19	
			18			3.8	6.48	6.40	10.20	7.9	$\overset{10}{7.95}$	8.0	2.33	2.40	10.35	8.7 $\overset{8.60\ 11}{8.5}$	1.68	1.87	10.47	
2.87	6.87	10.61	19			4.0	6.38	6.37	10.37	7.9	$\overset{10}{7.95}$	8.0	2.43	2.40	10.35	8.5	1.88	1.88	10.38	
2.84	7.04	10.78	20			4.2	6.54	6.32	10.52	8.0	$\overset{11}{8.10}$	8.2	2.64	2.40	10.56	8.7	2.04	1.86	10.56	
2.77	7.57	11.31	21			4.7 $\overset{4.80\ 11}{4.9}$	6.22	6.25	11.05	8.5	$\overset{11}{8.60}$	8.7	2.42	2.41	11.01	8.9 $\overset{9.00\ 11}{9.1}$	$2.0\overset{2}{8}$	1.85	10.85	
2.71	7.81	11.55	22			5.1	6.14	6.20	11.30	9.0	$\overset{00}{9.00}$	9.0	2.24	2.42	11.42	Str.	.	.	.	
2.69	7.99	11.73	23			5.3	6.20	$6.1\overset{8}{9}$	11.48	9.1		tp	2.40	2.42	11.52	9.7?	1.80	1.87	11.57	
2.66	8.16	11.90	24			5.5	6.18	6.16	11.66	9.0		tp	2.68	2.42	11.427					
2.60	8.50	12.24	25			5.9	6.08	6.11	12.01											
2.60	8.60	12.34	26			6.0	6.06	6.10	12.10											
2.50	9.00	12.74	27			6.5	6.14	6.10	12.60											

September 12, 1918

Set			Me 10 3 50 cont	Sc 2	Diff.	Curr	g Magn.
2.49	9.19	12.93	28	6.7	6.06	6.10	12.80
2.4~~9~~6	9.36	13.10	29	6.9	6.18	6.10	13.00
2.4~~8~~1	9.71	13.45	30	7.3	6.09	6.11	13.41
2.40	9.90	13.64	31	7.5	6.20	6.15	13.65
2.40	10.20	13.94	32	7.8	6.11	6.19	13.99
2.40	10.40	14.14	33	8.0	6.24	6.20	14.20
2.40	10.45	14.19	34	0 1 8.05 8.0 8.1	6.35	6.21	14.26
2.40	10.90	14.64	35	8.5	6.29	6.29	14.79
2.41	11.11	14.85	36	8.7	6.28	6.30	15.00
2.42	11.52	15.26	37	9.10 1 1 9.2 9.0	6.36	6.35	15.45
			38	9.40 1 1 9.5 9.3	6.40	6.37	15.77
			39	9.40 1 1 9.5 9.3	6.~~3~~40	6.37	15.77
			40	9.75 0 1 9.8 9.7	6.35	6.40	16.15

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37. 202

Faint stars very poorly defined — hazy.
Plate fogged.

11 ; 10

September 17 ~~18~~, 1918

DcV

10:20 AMC 10352 D5 Long Exp

						Sc2	Diff.	Curve	Magn.	g		h	Diff.	Cu.	Magn.	PC	Diff.	Cu.	Magn.	
			1			B				$\overset{3.9}{3.8}$	$\overset{00}{3.90}$	$\overset{3.9}{3.8}$	3.07	3.11	7.01	4.4	2.57	2.49	6.89	2.66
			2			B				4.7	$\overset{10}{4.65}$	4.6	2.83	3.00	7.65	5.1	2.38	2.50	7.60	$2.6\overset{7}{3}$
			3			B				4.3	:	tp	3.09	3.07	7.37	5.0	2.39	2.50	7.50	2.66
			4			B				4.7	$\overset{00}{4.70}$	4.7	2.99	3.00	7.70	5.4	2.69	2.49	7.89	2.64^{5}
			5			B				5.0	$\overset{01}{5.05}$	5.1	3.17	2.95	8.00	5.7	2.52	2.48	8.18	2.64
			6			B				5.5	$\overset{00}{5.50}$	5.5	2.78	2.89	8.39	5.9	2.38	2.47	8.37	2.63
			7			B				5.9	$\overset{00}{5.90}$	5.9	2.51	2.83	8.73	6.3	2.29	2.43	8.73	2.62
			8			B				5.8	$\overset{01}{5.85}$	5.9	2.79	2.84	8.69	6.1	$\overset{6.20\ 11}{6.3}$ 2.44	2.44	8.64	2.60
			9			B				6.5	$\overset{00}{6.50}$	6.5	2.49	2.76	9.26	6.7	2.29	2.39	9.09	2.60
			10	$\overset{3.3}{3.2}$			6.06	6.31	9.61	6.7	$\overset{10}{6.75}$	6.8	2.61	2.72	9.47	7.5 close to another st.	1.86	2.29	9.79	2.60
			11	$\overset{3.3}{3.2}$			6.04	6.31	9.61	6.7	$\overset{00}{6.70}$	6.7	2.64	2.73	9.43	7.3	2.04	2.31	9.61	2.60
			12	$\overset{3.4}{3.3}$			6.19	6.34	9.74	6.8	$\overset{01}{6.85}$	6.9	2.74	2.71	9.56	7.3	2.29	2.31	9.61	
			13	$\overset{3.6}{3.5}$			6.28	$\overset{39}{6.40}$	9.99	7.1	$\overset{10}{7.15}$	7.2	2.73	2.70	9.85	7.7	2.18	2.26	9.96	
			14	$\overset{3.2}{3.1}$			6.88	$\overset{29}{6.34}$	9.49	6.7	$\overset{00}{6.70}$	6.7	3.38	2.73	9.43	7.3	2.78	2.31	9.61	
3.11	6.91	10.65	15	$\overset{3.8}{3.7}$	$\overset{00}{3.80}$	3.8	6.60	6.40	10.20	7.5	$\overset{11}{7.60}$	7.7	2.80	2.66	10.26	8.1	2.30	2.19	10.29	
3.10	7.00	10.74	16			3.9	6.38	6.41	10.31	7.7	$\overset{11}{7.80}$	7.9	2.48	2.63	10.43	8.3	1.98	2.16	10.46	
3.09	7.09	10.83	17			4.0	6.54	6.42	10.42	7.9	$\overset{10}{7.95}$	8.0	2.59	2.62	10.57	8.3	2.24	2.16	10.46	
3.06	7.36	11.10	18			4.3	6.43	6.42	10.72	8.0	$\overset{21}{8.15}$	8.3	2.58	2.61	10.76	8.7	2.03	2.08	10.78	
3.10	7.00	10.74	19			3.9	6.87	6.41	10.31	7.7	$\overset{11}{7.80}$	7.9	2.97	2.63	10.43	8.3	2.47	2.16	10.46	
2.92	8.22	11.96	20			5.3	6.30	6.30	11.60	9.1	$\overset{00}{9.10}$	9.1	2.50	2.60	11.70					
2.88	8.38	12.12	21			5.5	6.15	6.26	11.76	9.0	$\overset{11}{9.10}$	9.2	2.55	2.60	11.70					
2.88	8.38	12.12	22			5.5	6.48	6.26	11.76	9.1	$\overset{11}{9.15}$	9.2	2.83	2.60	11.75					
2.78	9.08	12.82	23			6.3	5.91	6.12	12.42											
2.80	8.90	12.64	24.			6.1	6.12	6.15	12.25											
2.78	9.08	12.82	25			6.3	6.10	6.12	12.42											
2.72	9.52	13.26	26			6.8	5.92	6.09	12.89											
2.72	9.52	13.26	27			6.8	6.17	6.09	12.89											
2.71	9.61	13.35	28			6.9	6.14	6.08	12.98											

September ~~13~~ 17, 1918

DeV

			BC 10352 cont		Diff	Curve	Magn.
2.66	10.16	13.98	29	7.5	5.94	6.10	13.60
$2.6\overset{7}{3}$	10.07	13.81	30	7.5 $\overset{7.40\ \underline{11}}{7.3}$	6.16	6.10	13.50
2.66	10.16	13.90	31	7.5	6.24	6.10	13.60
$2.6\overset{5}{4}$	10.35	14.09	32	7.7	6.31	6.10	13.80
2.64	10.44	14.18	33	7.8	6.38	6.10	13.90
2.63	10.63	14.37	34	8.0	$6.\overset{5}{7}4$	6.10	14.10
2.62	10.72	14.46	34a	8.1	.	6.10	14.20
2.60	11.00	14.74	35	8.3 $\overset{8.40\ \pm 1}{8.5}$	6.66	6.10	14.50
2.60	10.90	14.64	36	8.3	6.56	6.10	14.40
2.60	11.30	15.04	37	8.7	6.40	6.08	14.78
2.60	11.50	15.24	38	8.9	6.10	6.07	14.97
			39	9.5 $\overset{9.40\ \underline{11}}{9.3}$	5.90	6.02	15.42
			40	9.5 $\overset{9.60\ \pm 1}{9.7}$	5.80	6.00	15.60
			41	10.0 $\overset{10.0\ 00}{10.0}$	5.70	5.97	$\underline{\underline{15.97}}$
			42	9.9 $\overset{9.85\ 10}{9.8}$	6.05	5.99	$\underline{15.84}$
			43	F			

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F images very hazy

11:20

September 19, 1918

Dc V

9h 35 MC 12012 D6 Long Exp.

				Sec 2		Diff.	Curve	Magn.	g		h	Diff.	Curve	Magn.	P.S.1		Diff.	Curve	Magn.	
			1	B					B		B				4.3.9 3.8		~~3.05~~	3.40	7.30 ~~6.79~~	3.92
			2	B					B		B				4.0		3.25	3.38	7.38	3.80
			3	B					B		B				3.4	3.55 21 3.7	3.73	.	7.28	3.75
			4	B					B		B				4.0		3.38	3.38	7.38	3.78
			5	B					3.8 3.7	01 3.85	3.9 3.8	4.07	4.08	7.93	4.7		3.22	3.19	7.89	3.64
			6	B					4.0 3.9	00 4.00	4.0	3.98	4.04	8.04	4.85 4.8	01 4.9	3.13	3.13	7.98	3.64
			7	B					4.0	01 3.95	3.9	4.13	4.05	8.06	5.1		2 ~~1~~98	3.06	8.16	3.58
			8	B					3.9	00 3.90	3.9	4.51	4.06	7.96	5.3		3.11	3.01	8.31	3.49
			9	B					4.4	21 4.55	4.7	3.90	3.94	8.49	5.7		2.75	2.89	8.59	3.30
			10	B					4.9	00 4.90	4.9	3.80	3.86 ~~3.86~~	8.76	5.9		2.80	2.82	8.72	3.28
			11	B					4.7	11 4.80	4.9	4.09	3.89	8.69	6.0		2.89	2.80	8.80	3.29
			12	B					5.1	10 5.05	5.0	3.91	3.81	8.86	6.1		2.86	2.75	8.85	3.23
			13	B					55 5.7	1111 5.60	55 5.7	9 3.6~~8~~	3.67	9.27	6.85 6.8	01 6.9	2.44	2.46	9.31	3.18
			14	B					4.9	11 5.00	5.1	4.23	3.83	8.83	6.80 6.7	11 6.9	2.43	2.49	9.29	3.13
			15	B					5.5	10 5.56	5.6	3.79	3.68	9.23	6.80 6.9	11 6.7	2.54	2.49	9.29	3.12
			16	B					6.2	00 6.20	6.2	3.49	3.50	9.70	7.3		2.39	2.38	9.68	3.10
			17	B					6.7	00 6.70	6.7	3.28	3.40	10.10	8.00 8.1	11 7.9	1.98	2.26	10.26	
			18	B					7.1	00 7.10	7.1	3.20	3.33	10.43	8.3		2.00	2.23	10.53	
			19	B					7.3		t/p	3.30	3.30	10.60	8.3		2.30	2.23	10.53	
			20	B					7.3		t/p	3.39	3.30	10.60	8.3		2.39	2.23	10.53	
			21	3.0 2.9		7.95	7.94	10.94	7.7		t/p	3.25	3.26	10.96	8.5		2.45	2.21	10.71	
			22	3.4 3.3		7.96	7.99	11.39	8.1	00 8.10	8.1	3.26	3.20	11.30	9.0		2.36	2.20	11.20	
			23	3.5 3.4		8.07	7.99	11.49	t/p		t/p		.	.	t/p		.	.	.	
			24	3.5 3.4		8.10	7.99	11.49	7.9?		t/p	3.70	3.23	11.13	8.9		2.70	2.20	11.18	
4.07	7.97	11.71	25		3.9	7.94	8.00	11.90	8.7	00 8.70	8.7	3.14	3.13	11.83	9.7		2.14	2.16	11.86	
4.06	8.01	11.75	26		3.95 01 4.0 3.9	8.15	8.00	11.95												
4.04	8.04	11.78	27		4.0	8.15	7.99	11.99												

September 19, 1918

Dc V

MC 12012 (cont) Diff. Cu. Magn.

						Diff.	Cu.	Magn.
3.92	8.52	12.26	28	4.6		7.86	7.89	12.49
3.80	8.90	12.64	29	5.1		7.70	7.76	12.86
3.75	9.05	12.79	30	5.3		7.70	7.70	13.08
3.78	8.98	12.72	31	5.2		.	7.73	12.93
3.64	9.34	13.08	32	5.7		7.56	7.58	13.28
3.64	9.34	13.08	33	5.7		7.51	7.58	13.28
3.58	9.48	13.22	34	5.9		7.58	7.51	13.41
3.49	9.74	13.48	35	6.4	6.25 21 6.1	7 6.59	7.38	13.63
3.30	10.60	14.34	36	7.3		6.80	6.98	14.28
3.28	10.88	14.62	37	7.7	7.60 11 7.5	6.73	6.88	14.48
3.29	10.79	14.53	38	7.5		6.97	6.90	14.40
3.23	11.13	14.87	39	7.9		6.88	6.77	14.67
3.18	11.48	15.22	40	8.3		6.69	6.65	14.95
3.13	11.83	15.57	41	8.7		6.52	6.53	15.23
3.12	11.92	15.66	42	8.9	8.80 11 8.7	6.47	6.51	15.31
3.10	12.05	15.79	43	8.9 9.0	8.95 8.9 9.0	6.45	6.48	15.43
			44	9.3	9.40 11 9.5	6.40	6.36	15.76
			45	9.8	9.80 00 9.8	6.20	6.25	16.05
			46	n.s.				

Copied 37: 206

It images very poor - large & hazy 10 : 50

September 23, 1918

IcV

10;

BC 8246 D7 Long Exp.

						Sc2				g		h				rc	Diff	Curve	Magn.	
			1			B	Diff.	Curve	Magn.	B		B	Diff.	Curve	Magn.	4.0	3.44	3.31	7.31	3.4
			2			B				B		B	.			4.3	3.17	3.24	7.54	3.37
			3			B				3.8 3.7	01 3.85	3.9 3.8	3.95	3.99	7.84	4.6	3.20	3.16	7.76	3.26
			4			B				4.0	00 4.00	4.0	4.04	3.99	7.99	4.9	3.14	3.08	7.98	3.21
			5			B				4.0	00 4.00	4.0	3.81	3.99	7.99 w.8	4.65 10 ~~4.4~~ 4.6	3.16	3.15	7.80	3.20
			6			B				3.9	11 3.80	3.7	3.89	3.99	7.79	4.8	2.89	3.10	7.90	3.20
			7			B				4.2	01 4.25	4.3	3.90	3.97	8.22	5.2	2.95	3.01	8.21	3.19
			8			B				4.3	00 4.30	4.3	3.93	3.97	8.27	5.3	2.93	3.00	8.30	3.19
			9			B				4.3	00 4.30	4.3	3.99	3.97	8.27	5.3	2.99	3.00	8.30	3.19
			10			B				4.7	11 4.60	4.5	3.90	3.93	8.53	5.5	3.06	2.97	8.47	.
			11			B				4.8	00 4.80	4.8	4.05	3.90	8.70	5.8	3.05	2.89	8.69	3.19
			12			B				5.5	11 5.60	5.7	3.73	3.68	9.28	6.4	2.93	2.79	9.19	3.20
			13			B				6.0	01 6.05	6.1	3.38	3.50	9.55	6.7	2.73	2.74	9.44	
			14			B				5.9	10 5.95	6.0	3.57	3.53	9.48	6.9	2.62	2.70	9.60	
			15			B				6.1	00 6.10	6.1	3.70	3.49	9.59	7.1	2.70	2.69	9.79	
			16			B				6.3	00 6.30	6.3	3.37	3.43	9.73	7.1	2.57	2.69	9.79	
			17	2.9 2.8			7.06	7.10	10.06	6.7	11 6.80	6.9	3.16	3.29	10.09	7.5	2.46	2.62	10.12	
			18	3.4 3.3			7.00	7.03	10.43	7.2	00 7.20	7.2	3.20	3.20	10.40	Sup	.	.	.	
			19	3.6 3.5			7.10	7.00	10.68	5 7.8	11 7.60	7.7	3.10	3.19	10.79	8.00 ' 1 8.1 7.9	2.70	2.55	10.55	
3.99	7.84	11.58	20	3.8 3.7	01 3.85	3.9	7.14	6.97	10.82	7.7	12 7.85	8.0	3.14	3.19	11.04	8.5	2.49	2.49	10.99	
3.98	8.23	11.97	21	4.2 4.1	01 4.25	4.3	7.19	6.90	11.15	8.3		tp	3.14	3.19	11.49	8.9	2.54	2.41	11.31	
3.97	8.37	12.11	22			4.4	6.89	6.90	11.30	7.9	10 7.95	8.0	3.34	3.19	11.14	9.0	2.29	2.40	11.40	
3.88	8.78	12.52	23			4.9	6.80	6 6.88	11.77	8.5	11 8.40	8.3	3.30	3.19	11.59	9.5	2.20	2.32	11.82	
3.79	9.09	12.83	24			5.3	6.76	6.86	12.16	8.9	10 8.95	9.0	3.11	3.20	12.15					
3.81	9.01	12.75	25			5.2	7.01	6.86	12.06	8.9	10 8.95	9.0	3.26	3.20	12.15					
3.70	9.20	12.94	26			5.5	6.79	6.86	12.36	9.1	00 9.10	9.1	3.19	3.20	12.30					
3.62	9.32	13.06	27			5.7	7.02	6.87	12.57	9.5		tp	3.22	3.20	12.70					
3.49	9.59	13.33	28			6.1	7.02	6.88	12.98											

September 23, 1918

S c r

			MC 8246	Sont Sc2		Diff.	Curve Magn.
3.43	9.73	13.47	29	6.3	6.86	6.89	13.19
3.37	9.87	13.61	30	6.5	7.09	6.90	13.40
3.26	10.16	12.90	31	6.9	6.88	6.91	13.81
3.21	10.31	14.05	32	7.1	6.94	6.94	14.04
3.20	10.40	14.14	33	7.2	6.94	6.95	14.15
3.20	10.50	14.24	34	7.3	7.14	6.96	14.26
3.19	10.69	14.43	35	7.5	7.24	6.99	14.49
3.19	10.89	14.63	36	7.7	7.28	7.00	14.70
3.19	11.29	15.03	37	8.1	7.00	7.03	15.13
·	·	·	38	Sup.	·	·	·
3.19	11.79	15.53	39	8.6	7.10	7.08	15.68
3.20	12.35	16.09	40	9.0	9.15 9.3	21 6.85 7.10	16.25

Copied 37'208

11:05

~~September 23, 1918~~

Dc V

12:05 MC 10798 Sc2 D8 Long Exp

										g		h				pc	Diff.	Cu.	Magn.	
			1			B	Diff.	Cu.	Magn.	B		B	Diff.	Curve	Magn.	3.9	3.32	3.31	7.21	3.3
			2			B				B		B				4.1	3.28	3.30	7.40	3.24
			3			B				3.9 38	10 3.85	3.8 3.7	3.60	3.64	7.49	4.2	3.25	3.30	7.50	3.19
			4			B				B		B	.	.		4.2	3.36	3.30	7.50	3.21
			5			B				4.0 3.9	00 4.00	4.0	3.63	3.64	7.64	4.3	3.33	3.30	7.60	3.15
			6			B				4.3	10 4.25	4.2	3.63	3.64	7.89	4.7	3.18	3.26	7.96	3.12
			7			B				4.0	01 4.05	4.1	3.79	3.64	7.69	4.4	3.44	3.29	7.69	3.07
			8			B				4.3	00 4.30	4.3	3.57	3.64	7.94	4.65 21 4.8 4.5	3.22	3.26	7.91	3.00
			9			B				4.3	11 4.40	4.5	3.74	3.63	8.03	4.8	3.34	3.25	8.05	2.96
			10			B				4.8	00 4.80	4.8	3.68	3.61	8.41	5.3	3.18	3.16	8.46	2.93
			11			B				5.5	11 5.40	5.3	3.54	3.55	8.95	5.9	3.04	3.04	8.94	
			12			B				5.5	11 5.60	5.7	3.49	3.51	9.11	6.3	2.79	2.96	9.26	
			13			B				6.0	01 6.05	6.1	3.26	3.44	9.49	6.9	2.41	2.82	9.72	
			14			B				6.3	00 6.30	6.3	3.69	3.40	9.70	7.1	2.89	2.78	9.88	
			15			B				6.5	11 6.40	6.3	3.65	3.37	9.77	7.2	2.85	2.77	9.97	
			16			B				6.9		tp	3.23	3.24	10.14	7.40 11 7.3 7.5	2.73	2.70	10.10	
			17			B				7.5	11 7.60	7.7	2.89	3.10	10.70	8.0	2.49	2.59	10.59	
3.64	7.29	11.03	18	3.6 35	01 3.65	3.7	7.21	7.31	10.96	8.0	00 8.00	8.0	2.86	3.01	11.01	tp	.	.	.	
3.64	7.29	11.03	19	3.6 3.5	01 3.65	3.7	5 7.21	7.31	10.96	8.0	01 8.05	8.1	2.85	3.01	11.06	8.3	2.60	2.50	10.80	
3.65	7.55	11.29	20			3.9	7.30	7.30	11.20	8.1	11 8.20	8.3	3.00	2.99	11.19	8.8	2.40	3 2.89	11.19	
3.65	7.65	11.39	21			4.00 11 4.1 3.9	7.23	7.30	11.30	tp		tp ~~8.8~~	.			8.90 11 9.0 8.8	2.33	2.35	11.25	
3.63	8.03	11.77	22			4.4	7.30	7.29	11.69	8.8	00 8.80	8.8	2.90	2.92	11.72	tp ~~9.0~~	.			
3.65	7.65	11.39	23			4.0	7.47	7.30	11.30	8.3	00 8.30	8.3	3.17	2.98	11.28	8.9	2.57	2.35	11.25	
3.62	8.22	11.96	24			4.6	7.23	7.26	11.86	8.7	00 8.70	8.7	3.13	2.93	11.63	9.8	2.03	2.04	11.84	
3.55	8.95	12.69	25			5.4	6.95	7.17	12.57	tp		tp								
3.56	8.86	12.60	26			5.3	7.32	7.18	12.48											
3.50	9.20	12.94	27			5.7	7.12	7.10	12.80											
3.48	9.38	13.12	28			5.9	7.27	7.07	12.97											

September 23, 1918

ScV

MC 10798 D8 (cont)

					Diff.	Curve	Magn.
3.34	9.84	13.58	29	6.5	7.00	6.99	13.49
3.24	10.14	13.88	30	6.9	6.73	6.86	13.76
3.19	10.29	14.03	31	7.1	6.64	6.82	13.92
3.21	10.21	13.95	32	7.00'1 7.1 6.9	6.90	6.84	13.84
3.15	10.45	14.19	33	7.3	6.87	6.79	14.09
3.12	10.52	14.26	34	7.4	6.91	$6.7\overset{8}{9}$	14.18
3.07	10.77	14.51	35	7.7	6.78	6.74	14.44
3.00	10.10	14.84	36	8.1	6.73	6.70	14.80
2.96	11.46	15.20	37	8.5	6.66	6.70	15.20
2.93	11.63	15.37	38	8.7	6.80	6.70	15.40
			39	9.1	6.60	6.70	15.80
			40	9.7	6.30	6.72	16.42

PCs + diff images poor - hazy -
not comp with scale _

1:15

September 24, 1918

Se V

3 : 30

Me 10729 Dg Long Exp.

						Sc2	Diff.	Cw.	Magn.	g		h	Diff.	Cw.	Magn.	Pc			Diff. Cw. Magn.		
			1			B				3.9 3.8	0 0 3.90	3.9 3.8	3.52			4.2			3.22	3.20	7.40
			2			B				4.0 3.9	0 0 4.00	4.0	3.60			4.4			3.20	3.18	7.58
			3			B				4.0 3.9	1 1 3.90	3.8	3.63			4.3			3.23	3.19	7.49
			4			B				4.0	0 1 3.95	3.9	3.65			4.7			2.90	3.12	7.82
			5			B				3.9	0 0 3.90	3.9	3.87			4.9			2.87	3.09	7.99
			6			B				4.3	1 0 4.25	4.2	4.05	4.01	8.26	5.1			3.20	3.04	8.14
			7			B				4.9	0 0 4.90	4.9	3.60	3.80	8.70	5.2	2 1 5.35	5.5	3.15	3.00	8.35
			8			B				4.3	0 0 4.30	4.3	4.07	4.00	8.30	5.4			2.97	3.00	8.40
			9			B				4.4	0 1 4.35	4.3	4.05	3.99	8.34	5.4			3.00	3.00	8.40
			10			B				5.8	0 1 5.75	5.7	3.54	3.50	9.25	6.2	1 1 6.30	6.4	2.99	2.70	9.00
			11			B				5.9	0 0 5.90	5.9	3.46	3.45	9.35	6.5			2.86	2.61	9.11
			12			B				6.1	0 0 6.10	6.1	3.34	3.39	9.49	7.1			2.34	2.41	9.51
			13			B				6.1	1 0 6.15	6.2	3.35	3.37	9.52	7.1			2.40	2.41	9.51
			14			B				6.5	1 1 6.60	6.7	3.27	3.23	9.83	7.5			2.37	2.30	9.80
			15			B				6.8	0 1 6.85	6.9	3.11	3.17	10.02	7.8			2.16	2.23	10.03
			16	2.8 2.7			7.35			6.8	0 0 6.80	6.8	3.35	3.18	9.98	7.9			2.25	2.21	10.11
			17	3.0 2.9			7.06			7.1	1 0 7.05	7.0	3.81	3.11	10.16	7.9			2.16	2.21	10.11
			18	3.4 3.3			7.13			7.5	0 0 7.50	7.5	3.03	3.04	10.54	8.3			2.23	2.14	10.44
			19	3.4 3.3			7.12			7.5	1 1 7.60	7.7	2.92	3.02	10.62	8.5			2.02	2.10	10.60
			20	3.4 3.3			7.43			7.8	0 1 7.85	7.9	2.98	3.00	10.85	8.7			2.13	2.07	10.77
			21	3.5 3.4			7.52			8.0	0 0 8.00	8.0	3.02	3.00	11.00	8.8			2.22	2.04	10.84
			22	3.4 3.3			7.65			8.0	0 1 7.95	7.9	3.10	3.00	10.95	Sup			.	.	.
			23	4.0 3.9	0 1 4.05	4.1	7.46	7.39	11.44	8.1	1 1 8.20	8.3	3.31	2.99	11.19	8.9			2.61	2.02	10.92
4.00	8.30	12.04	24	.		4.3	7.21	7.33	11.63	8.5	1 1 8.60	8.7	2.91	2.95	11.55	9.7			1.81	1.92	11.62
3.92	8.47	12.21	25			4.55 1 2 4.7 4.4	7.04	7.27	11.82	8.8	1 1 8.90	9.0	2.69	2.92	11.82	9.8			1.79	1.91	11.71
3.98	8.38	12.12	26			4.4	7.64	7.30	11.70	9.0	0 0 9.00	9.0	3.04	2.91	11.91						
3.67	8.97	12.71	27			5.3	7.18	7.08	12.38	9.3	2 2 9.50	9.7	2.98	2.90	12.40						
3.58	9.08	12.82	28			5.5	6.98	7.03	12.53	9.7		7	2.78	2.90	12.60						

September 24, 1918

Sc V

MC 10729 Dq (cont)

						Diff.	Cu.	Magn.
3.57	9.17	12.91	29		5.6	7.08	7.01	12.61
3.31	9.61	13.35	30		6.3	6.89	6.88	13.18
3.26	9.76	13.50	31		6.5	6.88	6.84	13.34
3.18	9.98	13.72	32		6.8	6.76	6.80	13.60
3.12	10.12	13.86	33		7.00 '' 6.9 7.1	6.60	9 6.78	13.79
3.12	10.12	13.86	34		7.00 '' 7.1 6.9	6.65	6.79	13.79
3.02	10.62	14.36	35	w.s	7.6 ~~8.2~~	6 7.80	6.70	14.30
3.07	10.37	14.11	34a		7.30 '' 7.4 7.2	6.74	6.75	14.05
2.99	10.99	14.73	36		8.0	7 6.88	6.65	14.65
2.95	11.55	15.29	36a		8.6	6.50	6.60	15.20
2.91	11.91	15.65	37		9.0	.		
.	.	.	38		ns	.		
.	.	.	39		ns	.		
2.90	12.60	16.34	40		9.7?	7.30		
.	.	.	41		ns	.		
2.90	12.40	16.14	37b		9.5	6.40		

Copied 37'212

4:35

Seq not in center of plate

September 30, 1918

Dcv

1; vo Mc 11233 D 10 Long Ext.

					Sc2	Diff.	Curve	Magn.	g		h	Diff.	Curve	Magn.	pc	Diff.	Cw.	Magn.
			1		B				B		B				4.3	2.79	2.73	7.03
			2		B				B		B				4.4	2.71	2.71	7.11
			3		B				4.0 3.9	00 4.00	4.0	3.56	3.77	7.77	5.15 01 5.2 5.1	2.41	2.62	7.77
			4		B				4.0	01 4.05	4.1	3.53	3.76	7.76	5.1	2.48	2.62	7.72
			5		B				4.0	00 4.00	4.0	3.81	3.77	7.77	5.1	2.71	2.62	7.72
			6		B				4.2	01 4.15	4.1	3.73	3.72	7.87	5.3	2.58	2.60	7.90
			7		B				4.3	45 11 0 4.38	4.4 4.3	3.75	3.66	8.04	5.5	2.63	2.56	8.06
			8		B				5.0	01 5.05	5.1	3.26	3.49	8.54	5.9	2.41 ~~3.26~~	2.49	8.39
			9		B				5.2	00 5.20	5.2	3.37	3.45	8.65	6.0	2.57	2.47	8.47
			10		B				4.2	01 4.25	4.3	3.98	3.69	7.94	5.5	2.65	2.56	8.06
			11		B				5.1	10 5.05	5.0	3.76	3.49	8.54	6.1	2.71	2.44	8.54
			12		B				5.5	11 5.40	5.3	3.40	3.39	8.79	6.5	2.30	2.36	8.86
			13		B				5.1	00 5.10	5.1	3.81	3.46	8.56	6.3	2.61	2.40	8.70
			14		B				6.0	01 6.05	6.1	3.16	3.21	9.26	7.1	2.11	2.24	9.34
			15	3.5 3.4	B	6.92	7.10 ~~6.99~~	10.60	7.7	00 7.70	7.7	2.72	2.84	10.54	Sup	.	.	.
			16		B	.		.	6.5	11 6.60	6.7	3.81	3.07	9.67	7.7	1 2.91	2.12	9.82
			17	3.20 11 3.1 3.3 3.0 3.2	~~3~~	7.07	7.09 ~~6.98~~	10.29	7.3	00 7.30	7.3	2.97	2.90	20 10.~~90~~	8.10 11 8.0 8.2	2.17	2.06	10.16
			18		B	.		.	6.8	00 6.80	6.8	2.94	3.01	9.81	7.7	2.04	2.12	9.82
			19	3.4 3.3		7.10	7.09 ~~6.99~~	10.49	7.7	11 7.60	7.5	2.90	2.85	10.45	8.3	2.20	2.02	10.32
			20		3.8	7.15	1 7.80	10.98	8.0		tp	2.95	2.80	10.80	Sup	.	.	.
			21	3.4 3.3		7.08	7.09 ~~6.99~~	10.49	7.8	00 7.80	7.8	2.68	2.82	10.62	Sup	.	.	.
			22	3.5 3.4		7.29	1 7.80	10.60	7.9	10 7.95	8.0	2.84	2.80	10.75	8.90 11 9.0 8.8	1.89	1.95	10.85
			23	3.5 3.4		7.17	1 7.80	10.60	8.1	11 8.00	7.9	2.67	2.80	10.80	8.9	1.77	1.95	10.85
			24	3.65 3.7 01 3.6 3.6 3.5		7.24	1 7.80	10.75	8.1		tp	2.79	2.80	10.90	8.9	1.99	1.95	10.85
3.57	8.27	12.01	25		4.7	6.98	7.08 ~~6.98~~	11.78	8.7		tp	2.98	2.80	11.50	tp	.	.	.
3.80	7.70	11.44	26		3.9	7.32	1 7.80	11.60 w.s	8.3 ~~7.8~~	00 8.30	8.3 ~~7.9~~	2.92	2.80	11.10	tp	.	.	.
3.78	7.73	11.47	27		3.95 11 4.0 3.9	7.29	1 7.80	11.05	8.3	00 8.30	8.3	2.94	2.80	11.10	Sup	.	.	.
3.57	8.27	12.01	28		4.7	6.96	7.09 ~~6.9~~	11.79	8.9		Sup	2.76	2.81	11.71	9.8	1.86	1.85	11.65

September 30, 1918

Dcl

MC 11233 D_{10} (cont)

					Diff.	Cw.	Magn.	g	h	Diff.	Cw.	Magn.
3.51	8.41	12.15	29	4.9	7.04	7.06	11.96	tp	tp	,	.	.
3.46	8.56	12.30	30	5.1	7.06	7.05	12.15	9.3	~~tp~~	2.86	2.87	12.17
3.34	8.84	12.58	31	5.5	6.86	7.01	12.51	F		.	.	
3.34	8.84	12.58	32	5.5	7.18	7.01	12.51					
3.30	9.06	12.74	33	5.7	7.24	6.99	12.69					
3.03	9.73	13.47	34	6.7	6.38	6.84	13.54					
2.99	9.89	13.63	35a	6.9	6.46	6.80	13.70					
2.94	10.04	13.78	36	7.1	6.53	6.77	13.87					
2.86	10.36	14.10	37	7.5	6.76	6.70	14.20					
2.81	10.71	14.45	38	7.9	6.40	6.60	14.50					
2.83	10.53	14.27	39	7.7	6.86 Im poor –	6.65	14.35					
2.80	10.90	14.64	40	8.1	6.60	6.57	14.67					
2.80	10.80	14.54	41	8.0	6.90	6.59	14.59					
2.80	11.50	15.24	42	8.7	6.42	6.41	15.11					
2.84	11.94	15.68	43	9.10^{00} 9.1 9.1	6.30	6.32	15.42					
2.88	12.28	16.02	44	9.40 〃 9.5 9.3	6.30	6.27	15.67					
2.94	12.74	16.48	45	9.80^{00} 9.8 9.8	6.28	6.20	16.00					

Copied 37: 214

Images poor.

2:20

October 1, 1918

Dc

12:30 MC 11059 D11 Long Ex.

					Sc2				g		h				pc			
			1		B	Diff.	Cu.	Magn.	B		B	Diff.	Cu.	Magn.	4.1	2.95	2.92	7.02
			2		B				4.0 3.9	00 4.00	4.0	3.42	3.54	7.54	4.6	2.82	2.79	7.39
			3		B				B	.	B	.	.	.	4.7	2.66	2.77	7.47
			4		B				4.0	00 4.00	4.0	3.55	3.54	7.54	4.9	2.65	2.73	7.63
			5		B				4.0	00 4.00	4.0	3.64	3.54	7.54	4.9	2.74	2.73	7.63
			6		B				4.2	11 4.10	4.0	3.56	3.51	7.61	5.0	2.66	2.71	7.71
			7		B				4.7	12 4.55	4.4	3.31	3.44	7.99	5.3	2.56	2.66	7.96
			8		B				4.3	10 4.35	4.4	3.42	3.48	7.83	5.2	2.57	2.68	7.88
			9		B				5.1	10 5.15	5.2	3.11	3.32	8.47	5.7	2.56	2.60	8.30
			10		B				4.9	10 4.95	5.0	3.43	3.36	8.31	5.7	2.68	2.60	8.30
			11		B				5.4	01 5.35	5.3	3.10	3.30	8.65	6.1	2.35	2.58	8.68
			12		B				5.7	11 5.60	5.5	3.18	3.25	8.85	6.1	2.68	2.58	8.68
			13		B				5.5	00 5.50	5.5	3.63	3.27	8.77	6.5	2.63	2.53	9.03
			14		B				6.1	00 6.10	6.1	3.31	3.17	9.27	7.0	2.41	2.46	9.46
			15		B				6.5	11 6.60	6.7	3.21	3.08	9.68	7.3	2.51	2.39	9.69
			16		B				7.0	00 7.00	7.0	2.82	3.00	10.00	7.8	2.02	2.25	10.05
			17		B				6.9	10 6.95	7.0	3.19	3.00	9.95	7.9	2.14	2.20	10.10
			18		B				6.9	7.1 11 7.00	tp	3.20	3.00	10.00	80 ws 7.9	.2 2.40	2.19	10.19
			19	3.2 3.1		7.01	6.99	10.19	7.3	00 7.30	7.3	2.91	2.93	10.23	8.0	2.21	2.19	10.19
			20	3.3 3.2		7.05	6.95	5 10.28	7.1	11 7.20	7.3	3.15	2.96	10.16	7.9	2.45	2.20	10.10
			21	3.5 3.4		6.94	6.91	10.41	7.5	00 7.50	7.5	2.94	2.90	10.40	8.4	2.04	2.03	10.43
			22	3.5 3.4		6.90	6.91	10.41	7.7	00 7.70	7.7	2.70	2.87	10.57	8.5	1.96	2.00	10.50
			23		3.8	6.72	6.85	10.65	7.9	10 7.95	8.0	2.57	2.84	10.79	8.9	1.62	1.89	10.79
			24	3.5 3.4		6.89	6.91	10.41	7.8	00 7.80	7.8	2.59	2.86	10.66	8.5	1.89	2.00	10.50
3.50	8.70	12.44	25		4.2	6.92	6.78	10.98	8.3	11 8.40	8.5	2.72	2.79	11.19	Sup.	.	.	.
3.49	7.79	11.53	26		4.3	6.93	6.76	11.66	8.3	00 8.30	8.3	2.93	2.80	11.10	8.9	2.33	1.89	10.79
3.40	8.18	11.84	27		4.7	6.72	6.70	11.40	8.7	00 8.70	8.7	2.72	2.78	11.48	9.8	1.62	1.60	11.40
3.37	8.27	12.01	28		4.9	6.60	6.68	11.58	8.7	10 8.75	8.8	2.75	2.78	11.53	9.8	1.70	1.60	11.40

October 1, 1918

DcV

MC 11059 cont

				Sc2	Diff.	Cu.	Magn.	g	h	Diff.	Cu.	Magn.
3.30	8.60	12.34	29	5.3	6.55	6.63	11.93	9.0	tp	2.85	2.77	11.77
3.21	9.01	12.75	30	5.8	6.53	6.59	12.39	9.5 $\overset{\underline{11}}{9.60}$	9.7	2.73	2.78	12.38
3.18	9.18	12.92	31	6.0	6.66	6.57	12.57	9.8	tp	2.86	2.79	12.59
3.19	9.09	12.83	32	5.9	6.84	6.57	12.47					
3.16	9.26	13.00	33	6.1	6.71	6.56	12.66					
3.08	9.68	13.42	34	6.7 $\overset{6.60^{\underline{11}}}{6.5}$	6.54	6.53	13.13					
3.01	9.91	13.65	35	6.9	6.63	6.52	13.42					
3.00	10.00	13.74	36	7.0	6.56	6.51	13.51					
2.90	10.40	14.14	37	7.5	6.50	6.50	14.00					
2.86	10.66	14.40	38	7.8	6.35	6.49	14.29					
2.87	10.57	14.31	39	7.7	6.57	6.49	14.19					
2.80	11.10	14.84	40	8.3	6.44	6.50	14.80					
2.80	11.16	14.84	41	8.3	6.71	6.50	14.80					
2.78	11.73	$1\overset{5}{4}.47$	42	8.9 $\overset{8.95^{\pm0}}{9.0}$	$6.\overset{4}{3}9$	6.54	15.49					
2.78	11.68	15.42	43	8.9	6.60	6.53	15.43					
2.78	12.18	15.92	44	9.3 $\overset{9.40^{\underline{11}}}{9.5}$	6.60	6.61	16.01					
2.78	12.18	15.92	45	9.3 $\overset{9.40^{\pm1}}{9.5}$	6.90	6.61	16.01					
.	.	.	46	7	.	.	.					
2.84	10.74	14.48	39a	7.9	.	.	.					

Corrected 37'.216

1:40

October 3, 1918

Sc1
1:00

Mc 9338 D12 Long Ef

						Sc2				g		h	Diff.	Cr.	Magn.				Diff. Cr. Magn.			
			1			B	Diff.	Cr.	Magn.	4.6	$\overset{0\,1}{4.55}$	4.5	3.27	3.32	7.87	5.1	$\overset{1\,1}{5.00}$	4.9	2.82	2.92	7.92	2.
			2			B				B		B	.	.	.	4.3			3.06	3.09	7.39	-2.8
			3			B				4.7	4.70	4.7	3.40	3.38	8.00	5.0			3.10	2.92	7.92	2.7
			4			B				5.1	$\overset{1\,0}{5.15}$	5.2	3.23	3.17	8.32	5.7			2.68	2.77	8.47	2.7
			5			B				4.5	$\overset{1\,0}{4.55}$	4.6	3.65	3.32	7.87	5.3	$\overset{1\,1}{5.20}$	5.1	3.06	2.89	8.09	2.7
			6			B				5.7	$\overset{0\,0}{5.70}$	5.7	2.85	3.03	8.73	5.9			2.65	2.71	8.61	2.7
			7			B				5.8	$\overset{0\,1}{5.75}$	5.7	3.09	3.02	8.77	6.3	$\overset{1\,1}{6.20}$	6.1	2.64	2.62	8.82	2.6
			8			B				5.9	$\overset{0\,0}{5.90}$	5.9	3.06	3.00	8.90	6.2			2.76	2.62	8.82	2.6
			9			B				6.1	$\overset{0\,0}{6.10}$	6.1	3.11	2.95	9.05	6.5			2.71	2.55	9.05	2.5
			10			B				6.3	$\overset{1\,1}{6.40}$	6.5	2.93	2.89	9.29	6.8	$\overset{0\,1}{6.75}$	6.7	2.58	2.50	9.25	2.5
			11			B				6.8	$\overset{0\,1}{6.85}$	6.9	2.56	2.80	9.65	7.1			2.31	2.40	9.50	2.5
			12			B				6.7	$\overset{0\,0}{6.70}$	6.7	2.78	2.83	9.53	6.9			2.58	2.47	9.37	2.4
			13	$\overset{2.9}{2.8}$		~~2.8~~	6.65	6.50	9.40	6.7	$\overset{1\,0}{6.75}$	6.8	2.80	2.82	9.57	7.3			$\overset{2}{2.85}$	2.35	9.65	2.4
			14	$\overset{3.3}{3.2}$		~~3~~	6.72	6.72	10.02	7.1	$\overset{1\,0}{7.15}$	7.2	2.87	2.76	9.91	7.7			2.32	2.25	9.95	2.4
			15	$\overset{3.5}{3.4}$		~~3~~	6.59	6.80	10.30	7.2	$\overset{0\,1}{7.25}$	7.3	2.84	2.74	9.99	7.9			2.19	2.21	10.11	
			16	$\overset{3.5}{3.4}$			6.68	6.80	10.30	7.3	$\overset{0\,0}{7.30}$	7.3	2.88	2.73	10.03	8.0			2.18	2.19	10.19	
			17	$\overset{3.9}{3.8}$	$\overset{1\,0}{3.95}$	4.0	7.03	6.92	10.87	8.3	$\overset{1\,1}{8.40}$	8.5	2.58	2.58	10.98	9.0			1.98	2.03	11.03	
			18			4.0	6.99	6.94	10.94	8.5	$\overset{1\,1}{8.60}$	8.7	2.39	2.54	11.14	near dif' –			~~2.06~~			
			19			4.1	7.02	6.97	11.07	8.5	$\overset{0\,0}{8.50}$	8.5	2.62	2.57	11.07	8.8			2.32	2.06	10.86	
			20			4.2	7.00	6.99	11.19	8.3	$\overset{1\,1}{8.40}$	8.5	2.80	2.58	10.98	8.8			2.40	2.06	10.86	
			21			4.2	7.01	6.99	11.19	8.7	$\overset{0\,0}{8.70}$	8.7	2.51	2.53	11.23	tp			.	.	.	
3.31	7.91	11.65	22			4.6	6.99	7.01	11.61	9.0	$\overset{0\,1}{9.05}$	9.1	2.54	2.50	11.55	ws			.	,	.	
3.27	8.07	11.81	23			4.8	7.20	7.00	11.80	9.5		tp	2.50	2.46	11.96							
3.11	8.51	12.25	24			5.4	6.80	6.89	12.29	9.8		tp	2.40	2.43	12.23							
3.08	8.58	12.32	25			5.5	6.77	6.85	12.35													
3.08	8.58	12.32	26			5.5	6.83	6.85	12.35													
3.04	8.74	12.48	27			5.7	6.85	6.78	12.48													
3.00	8.90	12.64	27a			5.9	6.82	6.71	12.61													

October 3, 1918

Dev

				MC 9338 (cont) Sc 2	Diff	Curve	Magn.	Diff	Cu.	Magn.
2.87	9.37	13.11	28	6.5	6.61	6.57	13.07			
2.83	9.53	13.27	29	6.7	6.42	6.52	13.22			
2.79	9.79	13.53	30	7.0	6.39	6.49	13.49			
2.73	10.03	13.77	31	7.3	6.30	6.42	13.72			
2.76	9.86	13.60	32	7.1	$\overset{6}{\cancel{13}}.62$	6.47	13.57			
2.70	10.26	13.94	33	7.5	6.42	6.39	13.89			
2.69	10.29	14.03	34	$\overset{7}{\cancel{5}}.5$ $\overset{7.60^{11}}{7.7}$	6.64	6.38	13.98			
2.67	10.37	14.11	35	7.7	6.54	6.36	14.06			
2.56	11.06	14.80	36	8.5	6.08	6.26	14.76			
2.52	11.32	15.06	37	8.8	6.18	6.28	15.08			
2.50	11.45	15.19	38	9.0 $\overset{8.95^{01}}{8.9}$	6.45	6.30	15.25			
2.49	11.64	15.38	39	9.2 $\overset{9.15^{01}}{9.1}$	6.35	6.32	15.47			
2.47	11.87	15.61	40	9.5 $\overset{9.40^{11}}{9.3}$	6.60	6.39	15.79			
2.42	12.27	16.01	41	9.8 $\overset{9.85^{01}}{9.9}$	6.45	6.54	16.39			
			42	ns	.	.	.			

16a 34 8.3 $\overset{11}{8.40}$ 8.5 2.20 2.38 | 10.98 9.0 1.60 2.03 11.63

Copied 37' 218

Diff images and PCs - hazy - not comp-

2' 10

October 5. 1918

D.V. MC 5714 Q2 Long Ex.
3 : 10 Long Ex.

				Sc 2	Diff.	Curve	Magn.	P C	Diff.	Curve	Magn.
	1			B				3.4 3.3	3.59	3.34	6.74
	2			B				3.9 3.8 Sc 2	3.36	3.40	7.30
	3			B				* ~~4.4~~ 4.0	4 3.84	3.40	7.40
Off Pl.	4			.				.	.	.	.
	5			B				~~4.8~~ 4.7	3 3.24	3.48	8.18
	6			B				~~5.1~~ 5.0	1 3.84	3.48	8.48
	7										
	7a			B				~~5.1~~ 5.0	4 3.86	3.48	8.48
	8										
	8a			B				~~5.5~~ 5.4	4 3.38	3.48	8.88
	8b			B				5.6 5.5	6 3.55	3.47	8.97
	9			B				5.6 5.5	6 3.55	3.47	8.97
	10			B				6.0 5.9	3 3.24	3.43	9.33
	11			B				~~6.4~~ 6.3	5 3.48	3.37	9.67
~~Computed Magn.~~	12			B				~~6.9~~ 6.8 ~~Sc 2~~	1 3.02	3.28	10.08
	13			B				7.1	3.19	3.20	10.30
	14			B				7.3	3.09	3.15	10.45
	15	3.3 3.2			7.34	7.54	10.84	7.8	2.84	3.02	10.82
	16	3.1 3.0			7.65	7.59	10.69	7.60±1 7.5 7.7	3.15	3.08	10.68
	17	3.4 3.3			7.42	7.51	10.91	7.7	3.12	3.06	10.76
	17a	~~3.90~~ 3.9 3.9 3.8 3.8	11.1 3.85	3.7 3.9	7.67	7.40	11.25	8.7	2.82	2.89	11.59
	18		wr u	3.9 ~~4.9~~	7.78	7.40	11.30	8.9	2.78	2.87	11.77
	19			4.9	7.13	7.24 w.s	12.14	9.10±0 9.7 9.1	2.93	2.82	11.92
	20.		w.s	4.4 ~~5.1~~	7.41	7.30	11.70	8.95±10 8.9 9.0	2.86	2.86	11.81
	21			±1 4.95 5.0 4.9	7.17	7.23	12.18	9.3	2.82	2.80	12.10
	21a			±1 4.95 5.0 4.9	7.15	7.23	12.18	9.3 9.30±0 ~~9.8~~ 9.3	2.80	2.80	12.10
	21f			5.3	7.28	7.19	12.49	9.85±10 ~~9.9~~ 9.8	2.73	2.72	12.57

* Anything over 4 is measured with Sc 2

October 5, 1918

DcV

MC 5714 cont-

	So2	Diff	Curve	Magn.	PC	
22	5.7	6.98	7.15	12.85	~~9.8 9.9~~	
23	6.1	7.12	7.12	13.22		
22a	5.7	.	7.15	12.85		
* 23	6.1	7.12	7.12	13.22		
24	6.3	7.17	7.12	13.42		
25	6.5	7.19	7.13	13.63		
25a	6.5	.	7.13	13.63		
25f	7.1	.	7.17	14.27		
26	6.9	7.28	7.16	14.06		
27	7.5	7.00	7.21	14.71		
28	7.8	7.16	7.28	15.08		
29	8.3	7.21	7.39	15.69		
30	8.5	7.50	7.43	15.93		
31	8.7	$\underset{00}{7.70}$	7.49	16.19		
32	9.0 $\overset{9.00}{9.0}$	7.70	7.57	16.57		
33	9.5 $\overset{9.40 \pm 1}{9.7}$	7.20	7.75	16.35		
34	F	.	.	.		
15a	4.1 $\overset{4.20 \pm 1}{4.3}$	.	7.34	11.54	$\overset{8.95 \pm 1}{9.0}$ 8.9	. 2.86

Copied 37'.150

4'.10

* Measured 2nd time - by mistake —
Ld.

October 9 1918

DeV

12ʰ.15 Mc 9493 B2 Long Ext

						Sc2	Diff.	Cw.	Magn.	*			Cw.		Magn.	P.C.		12 Cw		Magn.	
			1			B			01 (3.95	~~4.1~~ 40	10 4.05	~~4.0~~ 39	3 3.28	3.44	7.39	~~4.8~~ 4.65 5 4.7	~~4.5~~ 2 1 44	7 2.68	2.79	7.34	3.4
			2			B			00 4.10	~~4.2~~ 4.1	00 4.20	~~4.2~~ 4.1	5 3.40	3.46	7.56	~~4.9~~ 4.8		8 2.70	2.82	7.62	3.4
			3			B			10 4.25	~~4.4~~ 4.3	01 4.35	~~4.3~~ 4.2	4 3.38	3.48	7.73	~~5.0~~ 4.9		8 2.73	2.85	7.75	3.3
			4			B			00 4.90	~~5.0~~ 4.9	00 5.00	~~5.0~~ 4.9	2 3.42	3.51	8.41	~~5.4~~ 5.3		8 2.72	2.91	8.21	3.2
			5			B			10 4.95	~~5.0~~ 4.9	01 5.05	~~5.1~~ 5.0	2 3.46	3.51	8.46	~~5.4~~ 5.3		9 2.81	2.91	8.21	3.1
			6			B			01 5.05	~~5.1~~ 5.0	10 5.15	~~5.2~~ 5.1	5 3.43	3.50	8.55	~~5.8~~ 5.7 4		8 2.78	2.90	8.60	3.0
			7			B			00 4.90	~~5.0~~ 4.9	00 5.00	~~5.0~~ 4.9	6 3.53	3.51	8.41	~~5.5~~ 54	5.55 01 ~~5.6~~ 5.5	3.08 ~~2.98~~	2.92	8.37	2.9
			8			B			00 5.30	~~5.4~~ 5.3	00 5.40	~~5.4~~ 5.3	5 3.41	3.49	8.79	~~6.0~~ 5.9		9 2.81	2.88	8.78	2.9
			9			B			11 5.40	~~5.6~~ 5.5	11 5.50	~~5.4~~ 5.3	5 3.49	3.48	8.88	~~6.0~~ 5.9	6.75 01	3.09 ~~2.99~~	2.88	8.78	2.8
			10			B			00 6.00	~~6.1~~ 6.0	00 6.10	~~6.1~~ 6.0	3 3.24	3.33	9.33	~~6.9~~ 6.8	6.85 ~~6.8~~ 6.7	5 2.49	2.65	9.40	2.8
			11			B			00 6.10	~~6.2~~ 6.1	00 6.20	~~6.2~~ 6.1	2 3.13	3.29	9.39	~~6.8~~ 6.7		6 2.53	2.67	9.37	2.8
			12			B			00 6.50	~~6.6~~ 6.5	00 6.60	~~6.6~~ 6.5	3.08 ~~2.98~~	3.19	9.69	~~Sc2~~ 7.1		2.48	2.53	9.63	2.7
			13			B			00 6.50	~~6.6~~ 6.5	00 6.60	~~6.6~~ 6.5	9 2.84	3.19	9.69	6.9		2.54	2.60	9.50	2.9
Computed magn.			14			B			00 6.80	~~6.9~~ 6.8	00 6.90	~~6.9~~ 6.8	9 2.82	3.11	9.91	7.3		2.42	2.50	9.80	
			15			B			10 6.95	~~7.0~~ 6.9	00 7.00	7.0	1 3.07	3.10	10.05	7.5		2.57	2.47	9.97	
.			16	3.0 2.9			7.11	7.20	10.20	7 7.0	00 7.00	7.0	3.11	3.09	10.09	7.7		2.41	2.43	10.13	
.			17	3.3 3.2			7.19	7.17	10.47	7.5	11 7.60	7.7	2.89	2.99	10.59	8.1		2.39	2.39	10.49	
.			18	3.5 3.4			7.13	7.15	10.65	7.8	00 7.80	7.8	2.83	2.98	10.78	Sup		.	.	.	
3.44	7.39	11.13	19	3.9 3.8	10 3.95	4.0	7.04	7.08	11.03	8.0	01 7.95	7.9	3.04	2.96	10.91	8.7		2.29	2.32	11.02	
3.46	7.56	11.30	20			41	7.09 Scr.	7.06	11.16	8.1	00 8.10	8.1	3.09	2.94	11.04	8.9		2.29	2.31	11.21	
6 3.4~~5~~	7.50	11.24	21			4.05 01 4.0 4.1	7.25	7.07	11.12	8.1	00 8.10	8.1	3.20	2.94	11.04	8.9		2.40	2.31	11.21	
3.49	7.79	11.53	22			4.3	7.17	7.01	11.31	8.3	11 8.40	8.5	3.07	2.90	11.30	8.9		2.57	2.31	11.21	
3.57	8.27	11.95	23			4.7	6.75	6.96	11.66	8.9	10 8.85	8.8	2.60	2.85	11.70	9.3		2.15	2.31	11.61	
3.51	8.41	12.15	24.			4.9	6.70	6.93	11.83	9.0	00 9.00	9.0	2.60	2.83	11.83	9.3		2.30	2.31	11.61	
3.50	8.60	12.34	24a			5.1	6.83	6.90	12.00	9.1	11 9.20	9.3	2.73	2.80	12.00	9.7		2.23	2.34	12.04	
3.49	8.79	12.53	24b			5.3	.	6.89	12.19	9.3	00 9.30	9.3	.	2.80	12.10	9.7		.	2.34	12.04	

~~24c~~

* Sc. 2

October 9, 1918

DeV

Mc 9493 B2 cont

						Diff.	Cu.	Mag.	g	h	Diff.	Cu.	Mag.
3.46	8.9$\overset{6}{8}$	1270	25	5.5		6.82	6.88	1238	9.5	7	2.82	2.77	12.27
3.40	9.10	12.84	26	5.7		6.77	6.87	1257	9.7	7	2.77	2.76	12.46
3.32	9.32	13.06	27	6.0		6.75	6.84	12.84					
3.29	9.39	13.13	28	6.1		6.94	6.80	12.90					
3.17	9.77	13.51	29	6.7	6.60 1 1 6.5	6.86	6.81	13.41					
3.06	10.16	13.90	30	7.1		6.90	6.80	13.90					
2.97	10.87	1461	31	7.9		6.73	6.74	1464					
2.92	11.12	14.86	31a	8.2		7.00	6.71	14.91					
2.87	11.57	15.31	32	8.7		6.56	6.69	15.39					
2.85	11.75	1$\overset{5}{4}$.49	33	8.9		6.76	6.68	15.58					
2.83	11.83	15.57	34	9.0	9.00 0 0 9.0	6.89	6.68	15.68					
2.76	12.36	16.10	35	9.5	9.60 1 1 9.7	6.50	6.63	16.23 ~~16.23~~					
2.95	10.95	14.69	31b	8.0		.	6.79	14.79					

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Images not circular – diff images elong – pt pi's hazy.

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1;25

October 15, 1918

PeV

11h. 20 MC 5526 B5 Long Ex.

~~Computed Magn.~~

			Sc 2	Diff.	Cw.	Magn.		S.F.		to Diff.	Cw.	Magn. ~~Pa~~
1			B					~~4.7~~ 4.6		2.73	2.72	7.32
2			B					~~4.8~~ 4.7		1 2.73	2.70	7.40
3			B				21 5.65	~~5.9~~ 5.8	~~5.6~~ 5.5	2.59	2.55	8.20
4			B					~~6.0~~ 5.9		2.57	2.51	8.41
5			B					~~6.4~~ 6.3		2.42	2.48	8.78
6			B					~~6.6~~ 6.5		2.34	2.46	8.96
7			B					~~7.0~~ 6.9		2.40	2.43	9.33
8			B					~~7.0~~ 6.9		2.39	2.43	9.33
9			B				10 6.95	~~7.0~~ 6.9	~~7.1~~ 7.0	2.47	2.42	9.37
10	3.45 01 3.5 ~~3.4~~ 34 3.3			6.31	6.63	10.08	11 7.40	7.3	7.5	2.36	2.39	9.79
10a	3.50 00 3.5 3.5 34 34			6.86	6.62	10.12	11 7.80	7.9	7.7	2.56	2.35	10.15 ~~7.9~~
11	3.1 3.00 2.9 11 3.0 2.8			6.60	6.68	9.68		7.1		2.50	2.41	9.51
12	4.0 3.9	00 4.00 ~~3.95~~	4.0	6.46	6.59	10.59		8.2		2.26	2.30	10.30
13	4.0 4.05 01 4.1 3.9 4.0	1010 4.10	4.15 01 ~~4.2~~ 4.1	6.62	6.58	10.68		8.3		2.42	2.30	10.60
14	4.3 4.2	00 4.30	4.3	6.65	6.57	10.87		8.7		2.25	2.27	10.97
15	4.2 4.1	00 4.20	4.2	6.68	6.58	w.s. 10.78		8.6 ~~7.4~~		2.23	2.28	10.88
16	4.3 4.2	00 4.30	4.3	6.67	6.57	10.87		8.8		2.17	2.26	11.06
16a	5.2 5.1	01 5.25	5.3	.	6.50	11.75	9.65 21	9.8	9.5	.		
17a	4.3 4.2	111 4.37	4.40 11 4.3 45	.	6.57	10.94		8.8		.	2.26	11.06
17b			4.9	..	6.51	11.41		defective?		.		
17c			6.5	.	6.40	12.90				–		
18			5.30 00 5.3 5.3	6.29	6.50	11.80		near def.				
19			5.5	6.50	6.49	11.99						
20.			5.9	6.54	6.45	12.35						
21			5.9	6.55	6.45	12.35						
22			6.20 11 6.1 6.3	6.45	6.43	12.63						
23			6.45 01 6.4 6.5	6.34	6.40	12.85						
24			6.60 11 6.7 6.5	6.28	6.40	13.00						

October 15, 1918

ScV

MC 5526 cont.

		Diff.	Cw.		Magn.
25	6.60 ±1 6.5 6.7 ~~6.40~~	6.43	6.40	12 838	13.00
26	6.80 ±1 6.7 6.9	6.52	6.40	12 92	13.20
27	6.7	6.45	6.40	12.85	13.10
27a	6.9	.	6.40		13.30
28	7.7	6.17	6.39		14.09
29	8.00 ±1 7.9 8.1	6.20	6.39		14.39
29a	8.1	.	6.40		14.50
29b	8.3	.	6.40		14.70
30	8.5	6.36	6.40		14.90
31	8.5	6.49	6.40		14.90
32	8.8	6.61	6.42		15.22
33	9.40 ±1 9.3 9.5	6.27	6.48		15.88
34	9.40 ±1 9.3 9.5 poor	6.57	6.48		15.88
* 35	9.60 ±1 9.5 9.7	6.40	6.49		16.09
36	9.30 °° 9.3 9.3	6.90	6.48^{7}		15.77
37	n.s.				

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*No 35 certainly fainter than 36 – near defect – 12.20

October 15, 1918

Dc V

1:45 MC 8656 B8 Sg Ex

					Sez	Diff.	Cu.	Magn.	g		h	Diff.	Cu.	Magn.	P.C	Diff	Cu.	
			1		B				B		B				~~4.8~~ 4.7	2.55	2.69	5.24
			2		B				~~4.8~~ 4.7	00 4.70	~~4.8~~ 4.7	2.99	3.14	7.84	~~5.0~~ 5.00 11 ~~5.2~~ 4.9 5.1	2.69	2.68	5.37
			3		B				~~4.8~~ 4.7	00 4.70	~~4.8~~ 4.7	2.92	3.14	7.84	~~5.2~~ 5.1	2.52	2.66	5.18
			4		B				~~5.0~~ 4.9	00 4.90	~~5.0~~ 4.9	3.22	3.12	8.02	~~5.4~~ 5.3	2.82	2.64	5.46
			5		B				~~5.0~~ 4.9	10 4.95	~~5.1~~ 5.0	3.13	3.11	8.06	~~5.5~~ 5.4	2.68	2.63	5.31
			6		B				~~5.0~~ 4.9	11 5.00	~~5.2~~ 5.1	3.14	3.10	8.10	~~5.6~~ 5.5	2.64	2.62	5.26
			7		B				~~5.8~~ 5.7	11 5.60	~~5.6~~ 5.5	3.10	3.03	8.63	~~6.3~~ 6.2	2.50	2.55	5.05
			8		B				~~6.0~~ 5.9	10 5.95	~~6.1~~ 6.0	2.97	3.01	8.96	~~6.6~~ 6.5	2.42	2.51	4.93
			9		B				~~5.8~~ 5.7	00 5.70	~~5.8~~ 5.7	3.18	3.02	8.72	6.4 6.3	2.58	2.54	5.12
			10		B				~~6.1~~ 6.0	00 6.00	~~6.1~~ 6.0	3.08	3.00	9.00	~~6.6~~ 6.5	2.58	2.51	5.09
Computed Magn			11		B				~~6.6~~ 6.5	00 6.50	~~6.6~~ 6.5	2.85	2.98	9.48	6.9 6.8	2.55	2.49	5.04
			12		B				~~6.6~~ 6.5	00 6.50	~~6.6~~ 6.5	2.96	2.98	9.48	6.9 6.8	2.66	2.49	5.15
.			13	3.0 2.9		6.75	6.89	9.89	~~7.0~~ 6.9	10 6.95	7.0	2.80	2.96	9.91	7.3	2.45	2.43	4.88
.			14	3.0 2.9		6.85	6.89	9.89	7.0	00 7.00	7.0	2.85	2.97	9.97	7.5	2.35	2.40	4.75
.			15	3.1 3.0		6.90	6.88	9.98	7.0	00 7.00	7.0	3.00	2.97	9.97	7.5	2.50	2.40	4.9
.			16	3.4 3.3		6.87	6.81	10.21	7.3	11 7.40	7.5	2.87	2.98	10.38	8.0	2.27	2.35	4.62
.			17	3.7 3.6		6.82	6.77	10.47	7.5	00 7.50	7.5	3.02	2.99	10.49	8.1 8.15 10 8.2	2.37	2.33	
.			18		4.3	6.75	6.68	10.98	7.9	10 7.95	8.0	3.10	3.00	10.95	8.8	2.25	2.26	
3.13	7.93	11.67	18a		4.80 11 ~~4.9~~ w.s ~~4.6~~	4.7 .	6.59	11.39	8.2	00 8.20	8.2	.	3.01	11.21	9.0	.	2.24	
3.00	9.10	12.84	18b		6.1	.	6.40	12.50	tp		tp	.	.		ws	.	.	
3.04	8.54	12.28	18c		5.5	.	6.49	11.99	9.7		tp	.	3.22	12.82	ws	.	.	
3.14	7.79	11.53	19		4.6	4.65 01 4.7	6.61	11.26	8.0	01 8.05	8.1	3.21	3.01	11.06	9.0	2.26	2.24	
3.10	2 8.61	11.95	20		5.1	6.44	6.40	11.70	8.5	00 8.50	8.5	3.04	3.04	11.54	9.3	2.24	2.20	
3.02	8.72	12.46	21.		5.7	6.26	6.46	12.16	9.0	00 9.00	9.0	2.96	3.09	12.09				
3.02	8.72	12.46	22		5.7	6.52	6.46	12.16	9.0		tp	3.22	3.09	12.09				
2.99	9.19	12.93	23		6.1	6.20 11 6.3	6.40 6.40	12.60	9.5	11 9.60	9.7	3.00	3.12	12.72				
2.96	9.91	13.65	23a		7.0	6.95 01 6.9	. 6.35	13.30										
2.96	9.76	13.50	24		6.8	6.29	6.35	13.15										

October 15, 1918

ScV

MC 8656 cont

P.C. Magn.		Sc 2		Diff.	Cu.	Magn.	Computed Magn.		
7.39	25	7.0		6.43	6.35	13.35	2.97	9.97	13.71
7.68	26	7.5	7.60$^{\pm1}$ 7.7	6.26	6.38	13.98	2.99	10.59	14.33
7.76	27	7.5		6.58	6.37	13.87	2.99	10.49	14.23
7.94	28	7.5		7.00	6.37	13.87	2.99	10.49	14.23
8.03	29	8.7		6.30	6.55	15.25	3.06	11.76	15.50
8.12	30	8.5		6.76	6.51	15.01	3.04	11.54	15.28
8.75	31	8.7		6.80	6.55	15.25	3.06	11.76	15.50
9.01	32	8.9			6.59	15.49	3.07	11.97	15.71
8.84	33	8.9			6.59	15.49	3.07	11.97	15.71
9.01	34	8.7	8.80$^{\pm1}$ 8.9		6.57	15.37	3.07	11.87	15.61
9.29	36	9.3	9.40$^{\pm1}$ 9.5				3.11	12.51	16.25
9.29	35	9.3	9.30^{00} 9.3				3.10	12.40	16.14
9.73									
9.90									
9.90									
10.35									
10.48									
11.06									
11.24									
.									
.									
11.24									
11.50									

Copied 37: 168 –

2:55

October 16, 1918

De V

1ʰ.35 MC 9801 Bg Long Ex.

				Se 2	Diff.	Cu.	Magn.	g		h	Diff.	Cu.	Magn.	PC		Diff.	Cu.	Magn.
	1			B				B		B				B				
	2			B				B		B				B				
	3			B				B		B				B				
	4			B				B		B				B				
	5			B				3.2 31	11 3.10	3.0 29	4.43			tp.				
	6			B				3.9 38	00 3.90	3.9 38	3.86	~~4.06~~		3.9 38		8 3.96	4.06	7.96
	7			B				tp		tp				4.0 3.9		3.96	4.05	8.05
	8			B				4.0 39	00 4.00	4.0 39	4.33	~~4.05~~		4.1		4.23	4.04	8.14
	9			B				3.9 3.8	10 3.85	3.8 3.7	4.46			4.0		4.31	4.03	8.03
	10			B				49	10 4.85	48	3.92	4.20	9.05	4.8		3.97	4.00	8.80
Dbl.	11													Sup				
	12			B				4.8	01 4.85	49	4.06	4.20	9.05	5.0		3.91	3.99	8.99
	13			B				5.0	01 5.05	5.1	4.32	4.19	9.24	5.5	5.40 11 5.3	3.97	3.94	9.34
	14			B				5.1	00 5.10	5.1	4.38	4.18	9.28	5.5	.	3.98	3.93	9.43
	15			B				5.7	10 5.75	5.8	4.06	4.09	9.84	6.0		3.81	8 3.89	9.89
	16			B				5.7	00 5.70	5.7	4.16	4.10	9.80	5.5	5.60 11 5.7	4.26	3.92	9.52
	17			B				5.9	00 5.90	5.9	4.10	4.07	9.97	6.1		3.90	3.87	9.97
	18			B				6.3	00 6.30	6.3	4.04	3.99	10.29	6.7		3.64	3.78	10.48
Computed Magn.	19			B				6.7	00 6.70	6.7	3.53	3.90	10.60	6.9		3.33	3.75	10.65
	20			B				6.9	10 6.85	6.8	3.67	3.87	10.72	7.0		3.52	3.73	10.73
	20a	3.1 30		2 B	.	8.19	11.29	7.7	11 7.75	7.8	,	3.64	11.34 ~~w.s~~	~~7.0~~ ~~8.0~~		.	3.51	11.51
	20b	3.2 3.1			.	8.19	11.39	7.9	10 7.95	8.0	-	3.60	11.55	8.1		.	3.50	11.60
	20c	4.0 3.9	20 ~~3.95~~ 4.00	4.0	.	8.16	12.16	tp		8.8	-	3.39	12.19	8.9		.	3.30	12.26
	21.			B	.	.		7.1	10 7.05	7.0	3.82	3.80	10.85	7.2		3.67	3.70	10.98
	22			28	8.20	8.26	11.00	7.3		tp	3.70	3.75	11.05	7.2		3.80	3.70	10.96
	23	3.3 32			8.08	8.19	11.49	7.9		tp	3.48	3.60	11.50	8.0		3.38	3.51	11.51
	24	3.6 3.5		~~38~~	8.20	8.18	11.78	8.0		tp	3.80	3.59	11.59	7.9	8.00 11 8.1	3.80	3.51	11.51
	25	3.8 37	01 3.85	3.9	8.10	8.17	12.02	8.9	10 8.95	9.0	3.00	3.34	12.29	8.7		3.25	3 3.86	12.06

October 16, 1918

DeV

MC 9801 cont.

				4.0	oo	δa2	Diff	Cu	Magn	g	oo	h	Diff.	Cu.	Magn.	PC		Diff.	Cu.	Magn.
.			26	3.9	4.00	4.0	8.15	8.16	12.16	8.9	8.90	8.9	3.25	3.36	12.26	Sup				
.			27			4.1	8.24	8.14	12.24	9.0		tp	3.34	3.33	12.33	8.9	8.95±0 9.0	3.39	3.29	12.24
.			28			4.6	8.13	8.10	12.70	9.3	9.45'1 9.5	tp	3.33	3.21	12.66	9.7		3.03	3.04	12.74
4.20	9.10	12.84	29			4.9	7.96	8.09	12.99	9.7	9.70	9.7	3.16	3.16	12.86					
4.02	10.12	13.86	29a			6.1	.	7.87	13.97											
4.15	9.45	13.19	30			5.3	8.00	8.04	13.34											
4.10	$9.7\overset{0}{8}$	13.44	30a			5.6	8.26	7.99	13.59											
$4.\overset{09}{\cancel{10}}$	9.89	13.63	31			5.8	7.96	7.95	13.75											
4.02	10.12	13.86	32			6.1	7.95	7.87	13.97											
3.88	10.68	14.42	33			6.8	7.60	7.70	14.50											
3.80	10.90	14.64	34			7.1	7.62	7.60	14.70											
3.67	11.32	15.06	35			7.7 7.6 7.65'±	7.37	7.45	15.10											
3.59	11.59	15.33	36			8.0	7.43	7.35	15.35											
3.36	$12.2\overset{6}{\cancel{5}}$	16.00	37			8.9														
3.19	12.79	16.53	38			9.7 9.5 9.60'±														

Copied 37:17°

2:45

Images very poor. PC's elongated and ff images hazy.

October 18, 1918

DeV

11:30 MC 4527 1 vv + 15 Sq. Ex b1

					Diff.	Cu.	Magn.	PC	Diff.	Cu.	Magn.
	1			B				4.05 10 4.1 4.0	3.13	3.13	7.18
	2			B				4.3	3.09	3.13	7.43
	3			B				4.2	3.30	3.13	7.33
	4			B				defective	.	.	.
	5			B				5.3	3.03	3.10	8.40
	6			B				5.5	2.98	3.10	8.60
	7			B				5.5	3.17	3.10	8.60
	7a			B				5.9	2.96	3.10	9.00
	8			B				6.1	3.09	3.10	9.20
	9			B				6.1	3.18	3.10	9.20
Dbl.	10			.				.	.		.
	11			B				6.5	3.19	3.10	9.60
	12			B				6.8	3.22	3.09	9.89
	13	00 3.00 3.0 3.0 2.9 2.9			7.15	7.09	10.09	7.1	3.05	3.07	10.17
	13a	3.4 3.3			7.04	7.19	10.59	7.5	2.94	3.05	10.55
	14	3.5 3.4			7.12	7.20	10.70	7.5	3.12	3.05	10.55
	15	3.6 3.5			7.44	7.21	10.81	7.8	3.24	3.03	10.83
	16	4.0 3.9	00 4.00	4.0 3.9	7.20	7.27	11.27	8.1	3.10	3.01	11.11
	17	4.1 4.0	00 4.10	4.1	7.40	7.28	11.38	Too near another st.	.	.	.
	18	4.1 4.0	00 4.10	4.1	7.84	7.28	11.38	9.0	2.94	2.91	11.91
	18a			4.8	4.70 11 4.6.	7.28	11.98	9.3	.	2.88	12.18
	19			5.0	7.21	7.25	12.25	9.5 near defect.	2.71	2.84	12.34
	20			5.3	7.32	7.21	12.51	9.8	2.82	2.80	12.60
	21			5.8 5.85 01 5.9	7.07	7.13	12.98				
	22			6.5 6.40 11 6.3	7.14	7.10	13.50				
	23			6.7 6.60 11 6.5	6.91	7.09	13.69				
	24			6.5	7.10	7.09	13.59				
	25			6.8	6.96	7.08	13.88				
	26			7.0	7.11	7.08	14.08				

October 18, 1918

Sct V

MC 4527 (cont)

			Diff.	Cu. Magn.	
27	7.3		7.04	7.08	14.38
28	7.5	7.40 ±.1 7.3	7.14	7.08	14.48
29	7.7		7.02	7.08	14.78
30	8.0		7.16	7.08	15.08
31	8.3	8.40 ±.1 8.5	7.12	7.08	15.48
32	8.8		7.10	7.08	15.88
33	9.2	9.35 ±.1 9.5	6.95	7.06	16.41
21a	6.3	6.20 ±.1 6.1	7.15	7.10	13.30

Copied 37.172

12.~~20~~ 15

October 18, 1918:

Sev

12 : 35 Mc 9380 Ba Long Ep.

g Cu.	h Magn.				Sez	Diff	Cu.	Magn.	g B		h B	Diff	Cu.	Magn.	PC	Diff.		Magn.	Cu.
		1			B			.							4.1	2.84	3.33	7.43	2.99
		2			B			.	4.0	$\overset{00}{4.00}$	$\overset{4.0}{3.9}$	3.24	$3.\overset{75}{\cancel{32}}$	7.75	4.3	2.94	3.36	7.66	2.99
		3			B			.	4.0	$\overset{00}{4.00}$	4.0	3.64	$3.\overset{75}{\cancel{32}}$	7.75	4.5	3.14	3.37	7.87	3.00
3.40	8.20	4			B			.	4.8	$\overset{00}{4.80}$	4.8	3.40	$3.\overset{67}{\cancel{38}}$	8.47	5.2	3.00	3.34	8.54	2.97
3.40	8.20	5			B			.	4.8	$\overset{00}{4.80}$	4.8	3.36	$3.\overset{67}{\cancel{38}}$	8.47	5.3	2.86	3.33	8.63	2.96
3.29	8.69	6			B				5.5	$\overset{11}{5.40}$	5.3	3.27	$3.\overset{58}{\cancel{32}}$	8.98	5.8	2.87	3.27	9.07	2.89
3.24	8.94	7			B				5.7	$\overset{00}{5.70}$	5.7	3.36	$3.\overset{61}{\cancel{28}}$	9.21	6.1	2.96	3.20	9.30	2.80
3.20	9.15	8			B				5.9	$\overset{10}{5.95}$	6.0	3.16	$3.\overset{49}{\cancel{23}}$	9.44	6.3	2.81	3.15	9.45	2.73
3.19	9.19	9			B				6.0	$\overset{00}{6.00}$	6.0	3.24	$3.\overset{48}{\cancel{24}}$	9.48	6.5	2.74	3.10	9.60	2.67
3.09	9.79	9a	$\overset{3.0}{29}$	2.80 $\overset{22}{2.6}$ 2.5		.	7.05	9.85	6.7	$\overset{\bullet\bullet}{6.70}$	6.7	.	$3.\overset{36}{\cancel{02}}$	10.06	$\overset{7.40\ 11}{7.5\ 7.3}$	.	2.83	10.23	2.44
3.00	10.30	9b	$\overset{3.1}{3.0}$			.	7.12	10.22	7.3	$\overset{00}{7.30}$	7.3	.	$\overset{3.30}{\cancel{2.86}}$	10.60	7.7	.	2.80	10.50	2.40
3.29	8.69	9c			B	.			5.5	$\overset{11}{5.40}$	5.3	.	$3.\overset{58}{\cancel{32}}$	8.98	6.0	.	3.21	9.21	2.82
3.14	9.39	10			B	.			6.2	$\overset{01}{6.25}$	6.3	3.10	$\overset{3.43\ \cancel{58}}{\cancel{3.16}}$	9.68	6.9 $\overset{6.85\ 10}{6.8}$	2.50	2.99	9.84	2.55
3.09	9.84	11	$\overset{2.6}{2.5}$			7.14	7.00	9.60	6.8	$\overset{01}{6.75}$	6.7	2.99	$3.\overset{34}{\cancel{31}}$	$10.0\overset{9}{4}$	7.3	2.44	2.86	10.16	2.46
3.03	10.13	12	$\overset{2.9}{2.8}$			7.06	7.08	9.98	7.1	$\overset{00}{7.10}$	7.1	2.86	$\overset{3.30}{\cancel{2.90}}$	10.40	7.6	2.36	2.80	10.40	2.40
2.99	10.49	13	$\overset{3.4}{3.3}$			7.02	7.19	10.59	7.5	tp		2.92	$\overset{3.29}{\cancel{2.81}}$	10.79	8.0	2.42	2.77	10.77	2.37
2.99	10.49	12a	$\overset{3.4}{3.3}$			7.01	7.19	10.59	7.5	$\overset{00}{7.50}$	7.5	2.91	$\overset{3.29}{\cancel{2.81}}$	10.79	8.1	2.31	2.77	10.87	2.38
~~2.96~~		~~10a~~													s				
2.96	10.71	14	$\overset{3.6}{3.5}$			7.19	7.22	10.82	7.7	$\overset{10}{7.75}$	7.8	3.04	$\overset{3.29}{\cancel{2.79}}$	11.04	8.3	2.49	2.77	11.07	2.38
2.94	10.79	15	$\overset{3.6}{3.5}$			7.43	7.22	10.82	7.8	$\overset{01}{7.85}$	7.9	3.18	$\overset{3.29}{\cancel{2.78}}$	11.14	8.5	2.53	2.78	11.28	2.39
2.89	11.19	16	$\overset{3.9}{3.8}$	$\overset{00}{3.90}$	3.9	7.28	7.26	11.16	8.3	$\overset{00}{8.30}$	8.3	2.88	$3.\overset{1}{\cancel{28}}$	11.51	8.9	2.28	2.81	11.71	2.41
2.87	11.47	17	$\overset{4.1}{4.0}$	$\overset{001}{4.10^{3}}$	4.1	$\overset{7.30}{4.2}$	7.27	11.37	8.5	$\overset{11}{8.60}$	8.7	2.83	3.17	11.77	9.0	2.43	2.82	11.82	$\overset{4}{2.52}$
2.86	11.56	18			4.3	7.21	7.25	11.55	8.7	$\overset{00}{8.70}$	8.7	2.81	3.14	11.84	9.1	2.41		11.51	$\overset{4}{2.5}$
2.86	11.66	19			4.4	7.43	7.24	11.64	8.7	$\overset{11}{8.80}$	8.9	3.03	3.12	11.92	9.3	2.53		11.83	2.4
2.87	12.07	20			5.1	$\overset{7.11}{\cancel{4.9}}$	7.16	12.26	9.1	$\overset{11}{9.20}$	9.3	3.01	3.02	12.22	9.7	2.51		12.21	2.5
2.89	12.39	21			5.3	7.04	7.11	12.41	9.5	$\overset{00}{9.50}$	9.5	2.84	2.96	12.46					
		22			5.9	$\underset{5.60\ 11}{6.60}$	7.00	12.90	7										
2.91	12.81	23			5.5 5.7	7.19	7.05	12.65	9.9		7	2.89	2.85	12.75					

October 18, 1918

DeV

P.C Cw.	Magn.	MC 9380 cont		Diff.	Cw.	Magn.		Computed Magn.		
2.99	7.09	24	5.9	,	7.00	12.90		3.20	9.10	12.84
2.99	7.29	25	5.95⁰¹± 6.0 5.9	7.15	~~7.00~~ 6.99	~~12.95~~ 12.94		3.~~19~~20	9.15	12.89
3.00	7.50	25a	6.5	.	6.88	13.38		3.10	9.60	13.34
2.97	8.17	25b	6.7	.	6.86	13.56		3.09	9.79	13.53
2.96	8.26	25c	7.0	.	6.~~79~~81	13.~~79~~81		3.05	10.05	13.79
2.89	8.69	26	6.9	6.77	6.8~~8~~4	13.7~~8~~4		3.06	9.96	13.70
2.80	8.90	27	7.1	6.81	6.~~76~~80	13.~~86~~90		3.04	10.14	13.88
2.73	9.03	28	7.5	6.86	6.7~~2~~8	14.28		2.99	10.49	14.23
2.67	9.17	29	7.8	6.68	6.~~76~~77	14.~~46~~57		2.95	10.75	14.49
2.44	9.84	30	8.1	6.85	6.~~64~~77	14.~~74~~87		2.91	11.01	14.75
2.40	10.10	31	8.3	7.08	6.~~64~~77	~~14.94~~ 15.07		2.89	11.19	14.93
2.82	8.82	32	8.80¹¹± 8.9 8.7	6.90	6.~~68~~80	15.~~48~~60		2.87	11.67	15.41
2.55	9.40	33	8.60±1 8.5 8.7	7.11	6.~~66~~79	15.~~26~~39		2.87	11.47	15.21
2.46	9.76	34	9.20±1 9.1 9.3	6.80	6.~~69~~82	~~15.89~~ 16.02		2.86	12.06	15.80
2.40	10.00	35	9.9?		~~6.78~~	~~16.68~~*		2.90	12.80	16.54
2.37	10.37	36	9.80⁰⁰ 9.8 9.8		~~6.77~~	~~16.57~~		2.90	12.70	16.44
2.38	10.48	37	n.s					.	.	.
		38	n.s					.	.	.
2.38	10.68									
2.39	10.89									
2.41	11.31						.	.		
2.~~2~~42	11.42						.	.		
2.~~2~~43	11.53						.	.		
2.46	11.76						.	.	1 !	50
2.51	12.21						20	3.34	8.44	12.18
							21	3.30	8.60	12.34
							22	3.20	~~8.99~~ 9.10	12.84
							23	3.25	8.85	12.59

Exposed 37:174

* wrong curve read by mistake.

October 22, 1918

Sc V

1; 30 MC 4873 B4 Long Ex.

				Sc2	Diff.	Cu.	Magn.	g			h Diff.	Cu.	Magn.	pc	Diff.	Cu.	Magn.
			1	B				B		B				3.4 3.3	3.31	3.30	6.70
			2	B				B		B				3.9 3.8	3.31	3.32	7.22
			3	B				3.8 3.7	00 3.80	3.8 3.7	3.52	3.77	7.57	4.0	3.32	3.32	7.32
			4	B				4.0 3.9	01 3.95	3.9 3.8	3.79	3.76	7.71	4.3	3.44	3.36	7.66
			4a	B				4.3	00 4.30	4.3	3.65	3.72	8.02	4.7	3.25	3.38	8.08
			5	B				4.9	11 4.80	4.7	3.61	3.67	8.47	4.95 01 5.0 4.9	3.46	3.37	8.32
			6	B				4.9	00 4.90	4.9	3.46	3.65	8.55	5.0	3.36	3.37	8.37
			7	B				4.9	10 4.95	5.0	3.79	3.64	8.59	5.3	3.44	3.34	8.64
			8	B				5.1	11 5.20	5.3	3.67	3.60	8.88	5.5	3.37	3.31	8.81
Computed Magn.			9	B				5.9	10 5.85	5.8	3.49	3.50	9.35	6.2	3.14	3.17	9.37
			9a	B				6.1	00 6.10	6.1	3.52	4 3.85	9.55	6.60 11 6.7 6.5	3.02	3.06	9.66
.			10	3.0 2.90 11 2.8 2.9 2.7	7.01	7.00	9.90	6.5	00 6.50	6.5	3.41	3.39	9.89	6.9	3.01	2.98	9.88
.			11	2.8 2.7	7.15	6.99	9.79	6.7	10 6.75	6.8	3.20	3.34	10.09	6.9	3.05	2.98	9.88
.			12	3.1 3.0	6.94	7.06	10.16	6.9	00 6.90	6.9	3.14	3.31	10.21	7.2	2.84	2.89	10.09
.			13	3.1 3.0	7.09	7.06	10.16	7.0	00 7.00	7.0	3.19	3.30	10.30	7.5	2.69	2.81	10.31
7 3.78	7.53	11.27	14	3.7 3.6 10 3.75 3.8	6.99 ~~7.04~~	7.20	10.95	7.5	11 7.60	7.7	3.14	3.29	10.89	8.0	2.74	2.77	10.77
3.75	7.75	11.49	15	4.0	7.04	7.25	11.25	7.8	01 7.85	7.9	3.19	3.29	11.14	8.1	2.94	2.77	10.87
3.77	7.57	11.31	16	3.6	7.30	7.22	11.02	7.8	00 7.80	7.8	3.30	3.29	11.09	8.1	3.00	2.77	1087
3.74	7.84	11.58	17	4.1	7.40	7.27	11.37	8.1	10 8.15	8.2	3.35	3 3.29	11.38	8.7	2.80	2.80	11.50
3.72	8.02	11.76	18	4.3	7.63	7.28	11.58	8.5	00 8.50	8.5	3.43	3.18	11.68				
3.60	8.75	12.49	19	5.15 21 5.0 5.3	6.97	7.15	2 14.30	9.1	11 9.20	9.3	2.92	3.02	12.22				
3.58	8.98	12.72	20	5.4	7.10	7.10	12.50	9.8	00 9.80	9.8	2.70	2.88	12.68				
3.58	8.98	12.72	21	5.4 ~~5~~	7.06	7.10	12.50	9.7	10 9.75	9.8	2.71	2.89	12.64				
3.56	9.06	12.80	21a	5.5 ~~5~~	.	7.08	12.58	9.8 f	00 9.80	9.8 f	.	2.88	12.68				
3.50	9.30	13.04	22	5.8	6.98	7.02	12.82	~~9.8~~		~~9.8~~	.						
3.56	9.06	12.80	23	5.5	7.50	7.08	12.58	9.8	01 9.85	9.9	3.15	2.87	12.72				
3.35	10.05	13.79	24	6.7	6.87	6.85	13.55										
. .			21f	defective													

October 22, 1918

ScV

MC 4873 cont.

							Diff.	Cu.	Magn.
3.30	10.40	14.14	25		7.1		6.82	6.77	13.87
3.30	10.60	14.34	25a		7.3		6.49	6.73	14.03
.	.	.	25f		Sup. on gr.		.	.	.
3.29	10.79	14.53	26		7.5		6.66	6.70	14.20
3.29	10.99	14.73	27		7.7		.	6.66	14.36
3.29	10.99	14.73	27a		7.7		6.66	6.66	14.36
3.21	11.51	15.25	27b		8.3		6.62	6.64	14.94
3.21	11.51	15.25	28		8.3		6.60	6.64	14.94
3.15	11.85	15.59	29		8.7		6.79	6.66	15.36
3.07	12.07	15.81	30	$\overset{oo}{9.00}$	9.0	90	6.90	6.68	15.68
2.99	$12.\overset{3}{4}9$	16.13	31	$\overset{11}{9.40}$	9.5	9.3	6.80	6.70	16.10
2.88	12.68	16.42	32	$\overset{oo}{9.80}$	9.8	98	6.70	6.77	16.57
			33		7				
			34						
			35						
			36						

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2'.45

Images not circular – PC's elong. difficult –

October 23, 1918

ScV

11:05 MC 4508 f 3 Long Ext.

			Sc2	Diff.	Cu.	Magn.	PC	+ Diff.	Cu.	Magn. ~~PC~~
1			B				3.1 3.0 3.05 3.0 2.9 1.0	3.58	~~3.85~~	
2			B				3.1 3.0	3.84	3.85	6.95
3			B				3.3 3.2	3.92	3.92	7.22
4			B				3.5 3.4	3.95	3.97	7.47
5			B				3.6 3.5	3.99	3.99	7.59
6			B				3.6 3.5	4.11	3.99	7.59
7			B				3.8 3.7	4.25	4.00	7.80
8			B				4.3	3.93	4.02	8.32
9			B				4.80 1 1 4.9 4.7	4.17	4.01	8.81
9b			B				4.50 1 1 4.4 4.6	.	4.02	8.52
10			B				4.8	3.89	4.01	8.81
11			B				5.0	4.05	4.00	9.00
12			B				5.3	4.00	3.97	9.27
13			B				5.5	3.93	3.90	9.40
14			B				6.0	3.85	3.80	9.85
15	2.2 2.1			7.94	7.90	10.16	6.7	3.44	3.62	10.32
16	2.4 2.3			7.91	7.95	10.35	6.8	3.51	3.60	10.40
17	2.4 2.3			8.01	7.95	10.35	6.8	3.61	3.60	10.40
18	2.4 2.3			8.17	7.95	10.35	6.8	3.77	3.60	10.40
19	2.6 2.5			8.08	8.00	10.60	7.2	3.48	3.50	10.70
20	3.2 3.10 3.1	3.0 1 1 2.9 ~~3.25 [illegible]~~		7.95	8.09	11.19	7.7	3.35	3.40	11.10
21	2.9 2.8			8.15	8.06	10.96	7.7	3.35	3.40	11.10
22	3.2 3.1			8.00	8.09	11.29	7.9	3.30	3.35	11.25
23.	3.6 3.5			8.01	8.12	11.72	8.2	3.41	3.27	11.47
24	3.8 3.7	01 3.85	3.9	7.97	8.13	11.98	8.65 01 8.6 8.7	3.17	3.19	11.84
25	3.8 3.7	00 3.80	3.8	8.08	8.13	11.93	8.8	3.08	3.18	11.98
26	3.9 3.8	1 0 3.95	4.0	8.19	4 8.15	12.09	9.0	3.14	3.17	12.17
26a	3.9 3.8	1 0 3.95	4.0	8.35	8.14	12.09	9.0 close to another st.	3.30	3.17	12.17

October 23, 1918

δ e V

MC 4508 (cont)		Diff.	Cu.	Magn.
26b	4.5	8.16	8.10	12.60
27	4.7	8.08	8.09	12.79
28	5.1 5.3 $5.20^{1\underline{1}}$	8.01	8.01	13.21
29	6.0	7.82	7.80	13.80
29a	6.5 6.3 $6.40^{1\underline{1}}$	·	7.68	14.08
29b	6.3 6.1 $6.20^{1\underline{1}}$	·	7.73	13.93
29c	6.2	·	7.73	13.93
30	6.7	7.59	$\overset{?}{6}.57$	14.27
31	7.5	7.26	$\overset{?}{6}.37$	14.87
32	7.8	7.42	7.31	15.11
33	8.0	7.44	7.29	15.29
34	7.9 8.0 $7.95^{\underline{1}0}$		7.30	15.25
35	8.2 8.1 $8.15^{0\underline{1}}$		7.26	15.41^{e}
36	8.7 8.7 8.70^{00}			~~e~~
37	9.0 8.9 $8.95^{0\underline{1}}$			~~e~~
38	9.5 9.7 $9.60^{\underline{1}1}$			~~e~~
28a	5.3		7.99	13.29

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12105

October 23, 1918

Dec

1 : 15 MC 8380 b6 Long Ex

		Ser2		B	Diff.	Cu.	Magn.	g B		B h	Diff.	Cu.	Magn.	pc B	Diff.	Cu.	Magn.
	1			B				B		B				B			
Off Pl —	2			—				—		—				~~4.1~~			
	3			B				3.8 3.7	00 3.80	3.8 3.7	3.71			4.1	3.41	3.54	7.64
	4			B				3.9 3.8	10 3.85	3.8 3.7	3.71			4.1	3.46	3.54	7.64
	5			B				4.0 3.9	00 4.00	4.0 3.9	3.77			4.3	3.47	3.53	7.83
	6			B				4.0 3.9	00 4.00	4.0	4.21			4.3	3.91	3.53	7.83
	7			B				4.7	10 4.65	4.6	3.97	3.89	8.54	5.1 5.00 11 4.9	3.62	3.50	8.58
	8			B				4.4	00 4.40	4.4	4.11	3.91	8.31	5.1	3.41	3.49	8.59
	9			B				4.7	00 4.70	4.7	3.89	3.89	8.59	5.1	3.49	3.49	8.59
	10			B				4.9	10 4.95	5.0	3.95	3.85	8.80	5.3	3.60	3.48	8.78
	10a			B				5.4	01 5.35	5.3	3.71	3.79	9.14	5.6	3.46	3.47	9.07
Computed Magn.	11			B				5.5	11 5.60	5.7	3.81	3.74	9.34	6.0	3.41	3.40	9.40
	12			B				5.6	00 5.50	5.5	3.84	3.76	9.26	5.9	3.44	3.41	9.31
.	13	2.2 21			7.49	7.51	9.71	6.0	01 5.95	5.9	3.74	3.69	9.64	6.3	3.39	3.36	9.66
.	14	2.5 24			7.56	7.53	10.03	6.5	00 6.50	6.5	3.56	3.56	10.06	6.7 6.80 11 6.9	3.26	3.25	10.83
.	14a	3.3 3.2			.	7.57	10.87	7.3	11 7.40	7.5	.	3.41	10.81	7.8	.	3.02	10.82
.	15	2.4 2.3			7.66	7.52	9.92	6.3	11 6.40	6.5	3.66	3.59	9.99	6.7	3.36	3.27	9.97
.	16	3.0 2.05 3.1 30 29 01			7.47	7.56	10.61	7.2	01 7.25	7.3	3.27	3.43	10.68	7.8 7.75 01 7.7	2.77	3.04	10.79
.	17	3.3 3.2			7.48	7.56	10.86	7.5	00 7.50	7.5	3.28	3.40	10.90	8.0	2.78	3.00	11.00
.	18	3.6 3.5			7.51	7.57	11.17	7.8	7.5 1.2 01 7.7 7.70	7.8	3.41	3.39	11.09	8.2	2.91	2.96	11.16
.	19	3.5 3.4			7.43	7.57	11.07	7.5	00 7.50	7.5	3.43	3.40	10.90	8.0 8.05 01 8.1	2.88	2.99	11.04
.	20	3.4 3.3			7.71	7.57	10.97	7.5	11 7.60	7.7	3.51	3.40	11.00	8.0	3.11	3.00	11.00
.	21	3.6 3.5			7.66	7.57	11.17	8.0	01 7.95	7.9	3.31	3.37	11.32	8.1	3.16	2.98	11.08
.	22	3.8 3.7	01 3.85	3.9	7.69	7.57	11.42	8.0	01 8.05	8.1	3.49	3.35	11.40	8.5	3.04	2.90	11.40
3.93 8.23 11.97	23			4.3	7.53	7.54	11.84	8.5	00 8.50	8.5	3.33	3.31	11.81	9.0	2.83	2.83	11.83
3.90 8.45 12.19	24			4.4 4.55 3.1 4.7		7.61	12.16	8.9		tp	3.26	3.30	12.28	9.3	2.86	2.80	12.10
3.85 8.80 12.54	25			5.0 4.95 01 4.9		7.38	12.33	9.0	01 9.05	9.1	3.28	3.30	12.30	9.8	2.53	2.74	12.54
3.82 8.92 12.66	26			5.1	7.58	7.49	12.59	9.1	00 9.10	9.1	3.58	3.30	12.40	9.8	2.88	2.74	12.54

October 23, 1918

DcY

MC 8380 (cont.)

Diff. Cw. Magn. g h

3.68 9.68 13.42 26c 6.0 • 7.39 13.39

5.60''

3.74 9.34 13.08 27 5.7 5.5 7.52 7.43 13.03 ~~9.8 9.9 ft~~ –

3.60 9.90 13.64 28 6.3 6.98 7.34 13.64

3.69 9.59 13.33 29 5.9 7.38 7.40 13.30

3.56 10.06 13.80 30 6.5 7.37 7.30 13.80

3.48 10.48 14.22 30a 7.0 7.24 7.24 14.24

3.60 9.90 13.64 29a 6.3 7.27 7.34 13.64

3.40 10.90 14.64 31 7.5 6.98 7.29 14.79

3.40 10.90 14.64 32 7.5 7.14 7.29 14.79

3.39 11.09 14.83 33 7.7 7.22 7.17 14.87

3.35 11.35 15.09 34 8.0 7.33 7.12 15.12

3.30 12.10 15.84 35 8.8 7.00 7.08 15.88

9.15 3.1

3.30 12.45 16.19 36 9.0 9.3 7.05 7.06 16.21

. . . 37 n.s?

10

3.80 9.00 12.74 26a 5.2 • 7.48 12.68 9.1 9.05 9.0 • 3.30 12.35

6.86''

00

3.70 9.50 13.24 26f 5.9 5.7 • 7.40 13.20 9.5 9.50 9.5 •

Copied 37. 182

2' 35

October 24. 1918

DeV

12h 40 MC 4526 by Long Ex.

				Se2	Diff.	Cu.	Magn.	P.C	Diff.	Cu.	Magn.	
Near edge.	1			B				3.1 3.0	3.75			
	2			B				3.4 3.3	4.31			
	3			B				3.9 3.8	4.21	4.26	8.47	8.16
	4			B				4.0	4.20	4.26	8.46	8.26
	5			B				4.1	4.46	4.25	8.71	8.35
	6			B				4.80 ±1 4.9 4.7	4.14	4.20	8.34	9.00
	7			B				5.1	4.10	4.16	8.26	9.26
Computed Magn.	8			B				5.5	4.10	4.10	8.20	9.60
	9			B				5.7	4.11	4.04	8.15	9.74
	10	2.25 2.2 10 2.3 2.1		B				6.0	4.09	3.99	.08	9.99
	11	2.2			7.86	7.98	10.23	6.3	3.81	3.89	10.19	
	12	2.35 2.4 ±0 2.3 2.2 2.3			8.01	8.00	10.35	6.5	3.86	3.84	10.34	
	13	2.6 2.5			8.06	8.07	10.67	7.00 ±1 7.1 6.9	3.66	3.70	10.70	
	14	2.6 2.5			8.22	8.07	10.67	7.0	3.82	3.70	10.70	
	15	2.95 ±01 3.0 2.9 2.9 2.8			8.04	8.14	11.09	7.70 ±1 7.8 7.6	3.20	3.52	11.22	
	16	3.1 3.0			8.13	8.18	11.28	7.8	3.43	3.50	11.30	
	17	3.3 3.2			8.26	8.20	11.50	8.00 ±1 7.9 8.1	3.56	3.46	11.46	
	18	3.4 3.3			8.29	8.21	11.61	8.2	3.49	3.43	11.63	
	19	4.0 3.9	00 4.00	4.0	8.01	8.23	12.23	8.8	3.21	3.32	12.12	
	20			4.0	8.26	8.23	12.23	8.9	3.36	3.30	12.20	
	21			4.9	7.98	8.14	13.04	9.75 ±0 9.7 9.8	3.13	3.20	12.95	
	22			5.0	8.24	8.10	13.10	10.0	3.24	3.18	13.18	
	23			5.2	8.20	8.07	13.27					
	24			6.0	7.90	7.86	13.86					
	25			6.2	7.88	7.81	14.01					
	26			6.80 ±1 6.9 6.7	7.51	7.70	14.50					
	27			7.00 ±1 7.1 6.9	7.62	7.67	14.67					

October 24, 1918

DeV

Mc 4526 (cont)

		Diff.	Cu.	Magn.
28	7.5	7.53	7.63	15.13
29	7.7	7.78	7.61	15.31
30	8.2	7.62	7.59	15.79
31	8.85 10 8.9 8.8	7.05	7.57	16.42
32	8.80 ±1 8.7 8.9	7.70	7.57	16.37
33	9.40 ±1 9.3 9.5	7.40	7.56	16.96

Copied 27'.184

1'.15

October 24, 1918

Sc V

11.50 Mc 8499 b8

			Sc 2	Diff.	Curve	Magn.	g		h	Diff.	Cu.	Magn.	PC	Diff.	Cu.	Magn.	
1			B				B		B				4.1	3.10	3.10	7.20	
Off plate – 2			-				-		-				-				
3			B				4.6	00 4.60	4.6	3.49		8.09	4.9	3.19	3.08	7.98	3.
4			B				3.7	10 3.65	3.6	4.07		7.72	5.0	2.72	3.08	8.08	3.
5			B				3.9	00 3.90	3.9	4.02		7.92	4.9	3.02	3.08	7.98	3.
6			B				4.4	00 4.40	4.4	3.71		8.11	5.2	2.91	3.07	8.27	3.
6a			B				4.6	00 4.60	4.6	4.19			5.5	3.29	3.04	8.54	3.
7			B				tp		tp	.			5.85 10 5.9 5.8	2.96	3.00	8.85	3.
8	2.1 2.0			6.87	4 6.84	8.94	5.0	01 5.05	5.1	3.92			6.0	2.97	2.99	8.99	3.0
9	2.2 2.1			7.02	6.88	9.08	5.2	00 5.20	5.2	4.02			6.1	3.12	2.96	9.06	3.0
10	2.6 2.5			6.92	7.03	9.63	6.3	11 6.40	6.5	3.12	3.19	9.59	6.7	2.82	2.80	9.58	3.0
11	2.5 2.4			7.01	7.00	9.50	6.2	01 6.25	6.3	3.26	3.20	9.45	6.7	2.81	2.80	9.50	2.9
12	2.8 2.7			6.95	7.11	9.91	6.5	00 6.50	6.5	3.25	3.19	9.69	7.0	2.75	2.72	9.72	2.9
13	2.8 2.7			7.09	7.11	9.91	6.8	00 6.80	6.8	3.09	3.16	9.96	7.2	2.69	2.68	9.88	2.8
14	3.1 3.0			6.87	7.26	10.36	7.0	01 7.05	7.1	2.92	3.13	10.18	7.5	2.47	2.60	10.18	
15	3.1 3.0			7.26	7.26	10.36	7.1	00 7.10	7.1	3.26	3.12	10.22	7.85 01 7.8 7.9	2.51	2.53	10.38	
16	3.2 3.1			7.32	7.29	10.49	7.3	00 7.30	7.3	3.22	3.10	10.40	7.9	2.62	2.52	10.42	
17	3.5 3.3 3.4 3.2 3.40 11			7.24	7.36	10.76	7.7	00 7.70	7.7	2.94	3.08	10.78	8.3 w.5 ~~8.8~~ 8.8	2.34	2.48	10.78	
18	3.4 3.3			7.28	7.36	10.76	7.8	01 7.85	7.9	2.83	7 3.08	10.92	8.3	2.38	2.48	10.78	
19	3.5 3.4			7.18	7.37	10.87	7.9	00 7.90	7.9	2.78	3.06	10.96	8.3	2.38	2.48	10.78	
20	3.4 3.3			7.17	7.36	10.76	7.7	00 7.70	7.7	2.87	3.08	10.78	Sup	.	~~2.43~~		
20a	3.6 3.5	01 3.65	3.7	7.57	7.38	11.03	7.9	10 7.95	8.0	3.27	3.05	11.00	8.60 11 8.7 8.5	2.62	2.43	11.03	
20b	3.8 3.7	01 3.85	3.9	7.52	7.36	11.21	8.0	00 8.00	8.0	3.37	3.04	11.04	Sup -	.	.		
21	4.1 4.0	00 4.10	4.1	7.32	7.30	11.40	8.0	01 8.05	8.1	3.37	3.04	11.09	9.0	2.42	2.38	11.38	
22	L		4.6	7.22	7.29	11.89	8.8	01 8.85	8.9	2.97	2.97	11.82	9.60 11 9.7 9.5	2.22	2.30	11.96	
23			4.9	7.09	7.10	12.00	8.9	11 9.00	9.1	2.99	2.96	11.96	9.8	2.19	2.27	12.07	
24			5.0	7.09	7.09	12.09	8.9	10 8.95	9.0	3.14	6 2.97	11.91	9.8	2.29	2.27	12.07	
25			5.4	6.86	7.02	12.42	9.7	10 9.75	9.8	2.51	2.85	12.60					

October 24, 1918

DeV

MC 8499 (cont)

Magn.	Computed Magn.					Diff.	Cu.	Magn.	g		h	Diff.	Cu.	Magn. PC
7.20				25a	5.5	7.17	7.01	12.51	9.8	9.80 ^{00}	9.8	2.87	2.86	12.66
				26	5.7	7.03	7.01	12.71	9.8	9.80 ^{00}	9.8	2.93	2.86	12.66
7.98	3.12	10.22	13.96	27	7.1 ^{9}	6.21	6.98	14.08						
8.08	3.17	9.87	13.61	27a	6.7	6.98	6.99	13.69						
7.98	3.15	10.05	13.79	28	6.9	6.96	6.99	13.89						
8.27	3.11	10.31	14.05	29	7.2	6.78	6.98	14.18						
8.54	3.12	10.22	$1\overset{3}{4}.96$	29a	7.1	7.38	6.98	14.08						
8.85	3.09	10.69	14.43	30	7.6	6.94	6.98	14.58						
8.99	3.06	10.96	14.70	31	7.9	7.08	6.99	14.89						
9.06	3.04	11.04	14.78	32	8.0	7.24	6.99	14.99						
9.58	3.01	11.31	15.05	33	8.3	7.02	7.00	15.30						
9.50	2.96	11.91	15.65	34	9.0 $^{8.95}$ 8.9 ^{01}	6.94	6.98	15.93						
9.72	2.91	12.31	16.05	35	9.5 $^{9.40}$ 9.3 ^{11}	6.84	6.97	16.37						
9.88	2.86	12.66	16.40	36	9.8 $^{9.80}$ 9.8 ^{00}	7.12	6.94	16.74						
10.18				37	F									
10.38														
10.42														
10.78														
10.78														
10.78														
11.03														
11.38														
11.96														
12.07														
12.07														

Copied 37'.186

2'.55

October 25, 1918

Sel

2ʰ15 MC 6015 D 10 Long Ex

			Sc 2	Diff.	Curve	Mag.	PC	Diff.	Curve	Mag.
1			B				2.1 2.0 10	7 4.84	4.84	6.94
2			B				2.7 2.65 ~~2.55~~ 01 2.6 2.6 25	7 4.86	4.73	7.38
3			B				2.6 2.5	7 4.84	4.73	7.33
4			B				2.9 2.8	4.94 ~~5.04~~	4.70	7.60
5			B				3.5 3.4	4.93 ~~5.03~~	4.61	8.11
6			B				Sup?	.	4.	
7			B				3.5 3.4	7 4.89	4.61	8.11
8			B				4.6	4.50	4.58	9.18
9			B				Sup	.	.	.
10			B				5.20 11 5.1 5.3	4.49	4.41	9.61
11	2.4 2.3			7.64	7.60	10.00	5.7	4.34	4 4.32	10.04
11a	3.0 2.9			.	5 7.64	10.65	6.15 01 6.2 6.1	.	4.30	10.45
11b	2.7 2.6 11			.	7.63	10.33	5.60 11 5.5 5.7	.	4.37	9.97
12	3.0 2.90 2.8 2.9 2.7			7.59	7.64	10.54	6.1	4.39	4.30	10.40
13	3.1 3.0			7.63	7.65	10.75	6.5	4.23	4.27	10.77
14	3.2 3.1			7.81	7.65	10.85	6.7	4.31	4.25	10.95
15	3.5 3.4			7.67	7.64	11.14	7.0	4.17	4.23	11.23
16	4.0 3.9	00 4.00	4.0	7.52	7.61	11.61	7.4	4.12	4.24	11.64
17	4.3 4.2	00 4.30	4.3	7.60	7.59	11.89	7.7	4.20	4.28	11.98
18			4.7	7.65	7.53	12.23	8.0	4.35	4.33	12.33
19			5.2	7.54	7.57	12.77	8.3	4.44	4.42	12.72
20			5.60 11 5.5 5.7	7.27	7.40	3 12.00	8.5	4.37	4.48	12.98
21			6.15 01 6.2 6.1	7.33	7.36	13.45	8.9	4.58	4.60	13.50
22			6.60 11 6.7 6.5	7.28	7.22	13.82	Sup ~~9.5 9.5~~	.	.	
22a			5.3	7.20	7.46	12.76	8.1	4.40	4.40	12.50
22b			6.0	7.09	7.32	13.32	8.60 11 8.5 8.7	4.49	4.50	13.10
23			6.9	7.09	7.27	14.17	9.05 01 9.0 9.1	4.94	4.66	13.71

October 25, 1918

Sc V

MC 6015 (cont)

			~~Curve~~	~~Magn.~~ Curve	Magn.
24	7.0 7.05	7.1 01	7.18	7.15	14.20
25	7.3 7.40	7.5 1.1	7.08	7.09	14.49
26	7.7		7.22	7.02	14.72
27	8.1		7.62	6.95	15.05
28	8.5 8.60 11	8.7	6.70	6.85	15.45

Copied 37:190

3:00

October 26, 1918

Sc V

11:15 MC 9332 D 11 Long Ex.

				Sc 2			Diff.	Curve	Magn.	g		h	Diff.	Curve	Magn.	Pc		Diff.	Curve	Magn.	
			1			B				B		B				3.9 3.8		2.91 ~~3.01~~	2.99	6.89	3.3
			2			B				B		B				4.0		3.08	2.99	6.99	3.3
			3			B				4.6	00 4.60	4.6	3.07	3.60	8.20	4.8	4.70 11 4.6	2.97	3.04	7.74	3.34
			4			B				4.0	00 4.00	4.0	3.91	.		4.7		3.21	3.04	7.74	3.30
			5			B				4.7	00 4.70	4.7	3.60	3.59	8.29	5.4	5.30 11 5.2	3.00	3.06	8.36	3.30
			6			B				5.0	01 4.95	4.9	3.51	3.54	8.49	5.4		3.06	3.06	8.46	3.28
			7			B				5.3	00 5.30	5.3	3.53	3.49	8.79	5.5	5.60 11 5.7	3.23	3.03	8.63	3.27
			8			B				Sup.		5.7	3.33	3.44	9.14	6.2	6.10 10 6.0	2.93	2.96	9.06	3.23
			9			B				5.9	00 5.90	5.9	3.44	3.42	9.32	6.5		2.84	2.89	9.39	3.20
			10			B				6.0	01 6.05	6.1	3.40	3.40	9.45	6.7		2.75	2.86	9.56	3.15
			11			B				6.3	10 6.35	6.4	3.49	3.37	9.72	6.9		2.94	2.81	9.71	3.10
			12			B				6.5	11 6.60	6.7	3.25	3.32	9.92	7.1		2.75	2.78	9.88	3.06
			13			B				6.5	00 6.50	6.5	3.32	3.34	9.84	7.1	close to br. st.	2.72	2.78	9.88	2.99
			14	3.05 10		B				6.9	10 6.95	7.0	3.02	3.29	10.24	2+ 7.65 7.5 7.8	~~[illegible]~~	2.32	2.69	10.34	2.95
			15	3.1 3.0 2.9 3.0			7.35	7.46	10.51	7.1	11 7.20	7.3	3.20	3.24	10.44	7.8		2.60	2.67	10.47	2.90
			16	3.4 3.3			7.30	7.33	10.73	Sup		7.5	3.20	3.20	10.70	8.1		2.60	2.60	10.70	2.8
			17	3.5 3.4			7.52	7.30	10.80	7.7	00 7.70	7.7	3.32	3.17	10.87	8.1		2.92	2.60	10.70	2.82
			17a	3.9 3.8	10 3.95	4.0	.	7.20	11.15	8.0	00 8.00	8.0	.	3.11	11.11	Sup.		.	.	.	2.8
			17b	3.9 3.8	00 3.90	3.9	.	7.21	11.11	8.0	01 8.05	8.1	.	3.10	11.15	8.7 ?		.	2.46	11.16	
			18	3.8 3.7	10 3.90	~~3.95~~ 01 4.0 3.9	7.07	7.21	11.11	8.0	00 8.00	8.0	2.97	3.11	11.11	too close to anoth. st.					
			19	4.2 4.1	00 4.20	4.2	7.12	7.15	11.35	8.0	00 8.00	8.0	3.32	3.11	11.11	8.7		2.62	2.46	11.16	
			20			4.4	6.99	7.10	11.50	8.3	11 8.40	8.5	2.99	3.06	11.46	9.1		2.29	2.35	11.45	
3.55	8.45	12.19	21			4.9	6.96	7.00	11.90	8.8	01 8.85	8.9	3.01	2.99	11.84	tp		.	.	.	
3.53	8.53	12.27	22			5.0	6.89	6.99	11.99	8.9	10 8.95	9.0	2.94	2.98	11.93	F		.	.	.	
3.53	8.53	12.27	23			5.0	6.86	6.99	11.99	9.0	00 9.00	9.0	2.86	2.98	11.98						
3.49	8.89	12.63	24			5.4	7.00	6.92	12.32	tp		9.5	2.90	2.89	12.39						
3.45	9.15	12.89	25			5.7	6.87	6.90	12.60	9.5	00 9.50	9.5	3.07	2.89	12.39						

October 26, 1918

ScV

MC9332 (cont.)

							Diff.	Curve	Magn.	g
3.39	9.49	13.23	26		6.1		6.80	6.88	12.98	98
3.39	9.49	13.23	27		6.1		7.04	6.88	12.98	
3.34	9.84	13.58	28		6.5		6.89	6.86	13.36	
3.30	10.16	13.84	29		6.8		6.77	6.88	13.68	
3.30	10.10	13.84	29a		6.8		~~6.92~~	6.88	13.68	
3.28	10.28	14.02	29b		7.0		·	6.90	13.90	
3.27	10.32	$1\overset{4}{\cancel{5}}.06$	30		7.0	$\overset{7.05^{01}}{7.1}$	6.92	6.90	13.95	
3.23	10.53	14.27	31		7.3		6.98	6.96	14.26	
3.20	10.70	14.44	32		7.5		6.91	7.00	14.50	
3.15	10.95	14.69	33		7.8		7.18	7.08	14.88	
3.10	11.20	14.94	34		8.1		7.18	7.15	15.25	
3.06	11.46	15.26	35		8.5	$\overset{8.40^{11}}{8.3}$	7.39	7.19	15.59	
2.99	11.89	15.63	36		8.9		7.10	7.24	16.14	
2.95	12.05	15.79	37		9.1	$\overset{9.10^{00}}{9.1}$	7.20	7.26	16.36	
2.90	12.36	16.04	38	9.40^{11}	9.5	9.3	7.30	7.29	16.69	
2.83	12.58	16.32	39	9.75^{01}	9.8	9.7	7.25	7.30	17.05	
2.82	12.62	16.36	40	9.80^{00}	9.8	9.8	7.50	7.30	17.10	
$\overset{e}{2.80}$	$\overset{e}{12.70}$	$\overset{e}{16.44}$	41	9.90^{00}	9.9	9.9	·	7.31	17.21	

h	Diff ~~Coo.~~	Cu. ~~Magn.~~	Magn.
tp .	3.10	2.32 ~~2~~	12.12

Copied 37.192

12:~~35~~ 40

October 29, 1918

D G H 3

11 : 15 MC 11141 D1 Long Ex

				Sc 1		Sc 2	Diff.	Curve	Magn.	t/p	Sc 2	t/p	Diff.	Curve	Magn.	P.C. Sc 1	Sc 2	Diff.	Ca.	Magn.	
			1			B										5.5 5.4		2.15 ~~2.05~~	1.80	7.20	2.8
			2			B				5.3	5.35	5.4	2.~~20~~ 36			~~5.8~~ ~~5.95~~ 6.7	5.9 5.80 11	~~1.76~~ 1.91 ~~1.95~~	1.93	7.73	2.8
			3			B				5.7	5.70 00	5.7	2.15			~~6.2~~ 6.1		1.75 6	2.05	8.15	2.9
			4			B				5.8	5.80 00	5.8	2.30			~~6.2~~ 6.1		~~1.90~~ ~~2.00~~	2.05	8.15	2.92
			5			B				5.7	5.70 00	5.7	2.27			~~6.3~~ 6.2		1.77 6	2.07	8.27	2.97
			6			B				5.7	5.75 10	5.8	2.65			~~6.3~~ 6.2		2.20 +	2.07	8.27	2.96
			7			B				5.7	5.70 00	5.7	2.60			~~6.4~~ 6.3		~~1.90~~ ~~2.00~~	2.10	8.40	2.96
			8	~~3.1~~ 3.0 3.05 3.0 10			5.50 6	5.82	8.82	5.9	5.95 10	6.0	2.75 6	2.78	8.73	~~6.5~~ 6.4		2.20 +	2.13	8.53	2.96
			9	~~3.1~~ 3.0 2.9	2.95 01		~~5.76~~ ~~83~~ 5.93	5.80	8.75	6.0	6.05 01	6.1	2.83	2.79	8.84	~~6.6~~ 6.5		2.28 3	2.16	8.66	2.94
			10	~~3.1~~ 3.0			~~5.89~~ 5.94	5.82	8.82	6.1	6.10 00	6.1	2.84	2.80	8.90	~~6.6~~ ~~6.80~~ 6.7	6.5 6.6 7 11	2.24 3	2.19	8.79	2.99
			11	~~3.4~~ 3.3			~~5.91~~ 6.01	5.92	9.22	6.5	6.60 11	6.7	2.81	2.88	9.48	~~7.2~~ 7.1 6.60	~~7.15~~ 01 7.10 00 7.1	~~2.34~~ 26	2.33	9.43	2.98
			12	~~3.7~~ 3.6			~~5.91~~ 89	6.00	9.60	6.7	6.70 00	6.7	2.79	2.88	9.58	~~7.3~~	7.3	2.19	2.38	9.68	2.95
			13	~~3.8~~ 3.7			~~6.00~~ 5.85 9	6.03	9.73	6.9	6.90 00	6.9	2.75	2.90	9.80		7.5	2.15	2.40	9.90	
			14	~~3.8~~ 3.7			6.11 05 1	6.03	9.73	7.0	6.95 01	6.9	2.90	2.91	9.86		7.5	2.35	2.40	9.90	
			15	~~4.0~~ 3.9			~~5.85~~ 9 6.03	6.06	9.96	7.1	7.10 00	7.1	2.85	2.93	10.03		7.5	mean diff 2.45	2.40 —	9.90	
			16	~~4.3~~ 4.2	4.~~30~~ 25 10	4.3	~~6.08~~ 5.98 8	6.08	10.33	7.3	7.40 11	7.5	2.83	2.95	10.35		7.7	2.53	2.41	10.11	
			17	~~4.6~~ 4.5			6.05 2	6.08	10.58	7.7	7.75 10	7.8	3.00	2.97	10.72		8.5	2.25	2.33	10.83	
			18	~~5.0~~ 4.9			~~6.30~~ 04 1	6.04	10.94	7.9	7.95 10	8.0	3.09	2.98	10.93		8.9	2.14	2.24	11.14	
			19	~~5.1~~ 5.0			~~6.37~~ 03 1	6.02	11.02	8.1	8.10 00	8.1	3.03	2.99	11.09		9.0	2.13	2.20	11.20	
			20	~~5.4~~ 5.3	5.35 0 00	5.3	~~5.55~~ 5.86 6	5.95	11.25	8.1	8.20 11	8.3	2.96	2.99	11.19		8.9 9.0 8.95 10	2.21	2.22	11.17	
			21	~~5.6~~ 5.5			5.88	5.90	11.40	8.3	8.40 11	8.5	2.98	2.99	11.39		9.3	2.08	2.10	11.4	
		Comp.	22	~~5.8~~ 5.7			5.80 9	5.88	11.58	8.7	8.70 00	8.7	2.90	2.98	11.68		9.5 9.3 9.40 11	2.20	2.08	11.48	
2.80	8.90	12.64	23	~~6.2~~ 6.1			5.67 7	5.90	12.00	8.9	8.90 00	8.9	2.97	2.97	11.87		7				
2.80	8.90	12.64	24	~~6.2~~ 6.1	6.15 0 02	6.1	5.86	5.90	12.00	9.0	9.00 00	9.0	2.96	2.96	11.96						
2.80	8.95	12.69	25	~~6.2~~ 6.1	6.~~20~~ 15 10	6.2	~~5.99~~ 6.04	5.91	12.06	9.0	9.00 00	9.0	3.19	2.96	11.96						
2.84	9.24	12.98	26			6.4	5.93	6.03	12.43												
2.86	9.36	13.10	27			6.5	5.94	6.09	12.59												

October 29, 1918

Sc. Alt 3

MC 11141 D 1 (cont.)

				Sc1		Sc2		~~D~~iff. c. ~~Diff. cw. Imag~~											Sc1	PC Sc2		
2.87	9.57	13.31	28	6.7	6.60 $^{1\underline{1}}$	6.5		6.27	6.13	12.73												
2.87	9.47	13.21	29	6.5	6.60 $^{\pm 1}$	6.7		6.29	6.13	12.73												
2.90	9.85	13.59	30	7.0	6.95 $^{0\underline{1}}$	6.9		6.27	6.28	13.23												
2.92	10.02	13.76	31			7.1		6.30	6.35	13.45												
2.97	10.77	14.51	36 ~~32~~			7.9 $^{7.80\ \pm 1}$	7.7	6.65	6.54	14.34												
2.96	10.46	14.20	33			7.5		6.34	6.49	13.99												
2.96	10.46	14.20	34			7.5		6.35	6.49	13.99												
2.96	10.61	14.35	35			7.7 $^{7.65\ \pm 1}$	7.5	6.66	6.51	14.16												
2.94	10.14	13.88	$3\overset{2}{\cancel{6}}$			7.2		6.39	$6.\overset{3}{4}9$	13.59												
2.99	11.09	14.83	37			8.1		6.74	6.58	14.68												
2.98	11.68	15.42	38			8.7		6.40	6.41	15.11												
2.95 e	12.10 e	15.84 e	39			9.1 $^{9.15\ \pm 0}$	9 2	6.15	6.23	15.33												
			40			7		.														
			16a	4.0	4.00 ^{00}	40		6.44	6.07	10.07	7.5	7.50 ^{00}	7.5	2.94	2.95	10.45	8.1	2.34	2.40	10.50		

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Scale not entirely satisfactory – except for ff images which are hazy – all images hazy –

12' 35

October 31, 1918

BcV

12; 00 Tone 8279 D5 Long Ex.
Sc2

	No.	Diff. Cu. Magn.	g		h	Diff.	Cu.	Magn.	pc	Diff.	Cu.	Magn.
	10		5.9	±1 6.00	6.1	3.36	3.37	9.37	7.3	2.06	2.24	9.54
	11		5.9	±1 6.00	6.1	3.34	3.37	9.37	7.1	2.24	2.25	9.35
	12		6.3	00 6.30	6.3	3.29	3.30	9.60	7.2	2.39	2.25	9.45
	13		6.5	00 6.50	6.5	3.38	3.26	9.76	7.5	2.38	2.24	9.74
	14		6.85 6.8	01 6.9	tp	3.23	3.20	10.65	7.7	2.38	2.23	9.93
	15		7.40 7.3	±1 7.5	tp	3.00	3.10	10.50	tp	.	.	.
	16		7.0	01 7.05	7.1	3.23	3.16	10.21	8.1	2.18	2.23	10.33
	17		7.5	00 7.50	7.5	3.04	3.09	10.59	8.3	2.24	2.23	10.53
	18		7.5	00 7.50	7.5	3.23	3.09	10.59	8.5	2.23	3 2.24	10.73
	19		defective		8.0	2.77	3.03	11.03	8.7	2.07	3 2.24	10.93
	20		8.3		tp	3.30	3.03	11.33	9.1	2.50	2.24	11.34
	21		8.7		tp	2.95	3.04	11.74	9.5 9.60±1 9.7	2.05	2.26	11.86
	22		8.9	00 8.90	8.9	3.08 ~~2.92~~	3.05	11.95	~~7~~			
	23		9.1		tp	3.11	3.06	12.16				
Computed Magn.	24		tp		9.3	2.92	3.08	12.38				
Diffe Corr Sum +3.74	25		9.1	±1 9.20	9.3	3.20	3.07	12.27				
	26		9.5		tp	3.22	3.10	12.65				
	27		~~7~~ ~~tp~~		~~7~~ ~~tp~~							

Right margin (cut off): 3.0, 3.0, 3.0, 3.0, 3.10, ., 3.06

3.38	9.28	13.02	28	5.9		7.14	7.14	13.04
3.26	9.86	13.60	29	6.5	6.60±1 6.7	6.84	6.88	13.48
3.18	10.08	13.82	30	6.9		6.66	6.78	13.68
3.17	10.17	13.91	31	6.9	7.00±1 7.1	6.74	6.75	13.75
3.12	10.42 ~~10.39~~	14.16	32	7.3		6.71	6.67	13.97
3.07	10.77	14.51	33	7.7		6.48	6.60	14.30
3.04	11.04	14.78	34	8.0		6.54	6.55	14.55
3.03	11.43	15.17	35	8.4		6.66	6.50	14.90
3.03	11.33	15.07	36	8.3		6.56	6.51	14.81
3.03	11.53	15.27	37	8.5		6.60	6.49	14.99

October 31, 1918

DeV

MC 8279 cont-

						Diff.	Curve	Magn.
3.03	11.63	15.37	38	8.60 8.5	11 8.7	6.40	6.48	15.08 ~~12.88~~
4 3.03	11.84	5 15.88	39	8.8		6.50	6.45	15.25
3.05	12.05	15.79	40	9.00 9.0	00 9.0	6.40	6.42	15.42
3.05	12.10	15.84	41	9.05 9.0	01 9.1	6.65	6.41	15.46
3.10	12.80	5 16.84	42	9.70 9.7	00 9.7	6.20	6.34	16.04
.	.	.	43	9.85 9.8	01 9.9	6.25	6.31	16.16
3.06	10.86	14.60	34a	7.8		.	6.58	14.38

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See note on cover of this plate for instructions in measuring - (H.S.L.)

Ft images poor - pec. shape - also ft diffs & PE's - very poor

12:45

November 1, 1918

Dev

12ʰ.10

			MC 10289 Da			Sez		Diff.	Curve	Mag.	J		h	Diff.	Curve	Mag.	PC		Diff.	Curve	Mag.
			1			B					B		B				4.1		3.13	3.24	7.34
			2			B					4.3	00 4.30	4.3	3.38	3.60	7.90	4.7		2.98	3.14	7.84
			3			B					B	:	B	.	.	.	4.1		3.10	3.24	7.34
			4			B					4.3	10 4.35	4.4	3.60	3.59	7.94	4.8		3.15	3.11	7.91
			5			B					4.0	01 3.95	3.9	3.91	3.62	7.57	4.5	4.45 10 4.4	3.41	3.17	7.62
			6			B					4.8	01 4.85	4.9	3.49	3.53	8.38	5.3		3.04	3.05	8.35
			7			B					5.0	00 5.00	5.0	3.55	3.50	8.50	5.5		3.05	3.01	1 8.56
			8			B					4.9	10 4.95	5.0	3.47	3.51	8.46	5.7		2.72	2.99	8.69
			9								5.4	013 5.35	5.3	3.54	3.44	8.79	6.0		2.89	2.98	8.98
			10	2.1 2.2 2.1 2.0	2.15 10			6.90	6.92	9.07	5.8	01 5.85	5.9	3.20	3.37	9.22	6.3		2.75	2.88	9.18
			11	2.4 2.3				6.96	7.00	9.40	5.9	10 5.95	6.0	3.41	3.34	9.29	6.3		3.06	2.88	9.18
			12	2.6 2.5				6.91	7.05	9.65	6.3	00 6.30	6.3	3.21	3.27	9.57	6.7		2.81	2.80	9.50
			13	2.7 2.6				7.05	7.08	9.78	6.5	11 6.60	6.7	3.15	3.21	9.81	6.9		2.85	2.76	9.66
			14	3.0 2.9				7.17	7.15	10.15	7.0	00 7.00	7.0	3.17	3.17	10.17	7.5	7.60 11 7.7	2.57	2.60	10.20
			15	3.4 3.3				7.13	7.19	10.59	7.5	00 7.50	7.5	3.03	3.10	10.60	8.0		2.53	2.50	10.50
			16	3.4 3.3				7.12	7.19	10.59	7.3	11 7.40	7.5	3.12	3.11	10.51	8.1		2.42	2.49	10.59
			17	3.6 3.5				7.22	7.20	10.80	7.7	00 7.70	7.7	3.12	3.09	10.79	8.5		2.32	2.40	10.90
3.61	7.66	11.46	17a	4.0 3.9	01 4.05	4.1		7.19	7.19	11.24	8.3	00 8.30	8.3	2.94	4 3.08	11.34	9.0		2.24	2.29	11.29
3.60	7.75	11.49	18	4.1 4.0	01 4.15	4.2		7.17	7.18	11.33	8.3	11 8.40	8.5	2.92	3.03	11.43	9.0		2.32	2.29	11.29
3.59	7.99	11.73	19	1		4.4		7.10	7.14	11.54	8.3	00 8.30	8.3	3.24	3.04	11.34	9.1		2.44	2.27	11.37
3.58	8.08	11.82	20			4.5		7.12	7.12	11.62	8.5		tp	3.12	3.02	11.52	tp		.	.	.
3.49	8.69	12.43	21			5.3	5.20 11 5.1	7.00	6.96	12.16	7						7		.	.	.
3.41	8.91	12.65	22			5.5		6.87	6.94	12.44	7										
3.40	9.00	12.74	23			5.5	5.60 11 5.7	6.88	6.91	12.51											
3.38 Very close to another st	10.08	13.82	24			6.9:		5.93	6.70	13.60											
3.27	9.57	13.31	25			6.3		6.94	6.80	13.10											
3.20	9.90	13.64	26			6.7		6.62	6.73	13.43											

November 1, 1918

Sc V

				Mc 10289	D2		Diff.	Curve	Magn.
3.~~24~~.15	10.25	13.99	27		7.1		6.60	6.68	13.78
3.14	10.34	14.08	28		7.3	7.20 1:1 7.1	6.70	6.67	13.87
3.08	10.88	14.62	29		7.8		6.44	6.60	14.40
3.07	10.97	14.71	30		7.9		6.69	6.59	14.49
3.04	11.24	14.98	31		8.1	8.20 1:1 8.3	6.68	6.57	14.77
3.02	11.62	15.36	32		8.7	8.60 1:1 8.5	6.26	6.53	15.13
			33		8.9		6.40	6.51	15.41
			34		8.9		6.62	6.51	15.41
			35		9.1	9.20 1:1 9.3	6.40	6.50	15.70
			36		9.3	9.40 1:1 9.5	6.60	6.50	15.90

Copied 37: 198-

1:00

November 4, 1918

Pc V

10, 30 MC 8180 D6 Long Ex

						Sa2		Diff. Curve Magn.			g		h	Diff. Curve Magn.			pc		Diff. Cu. Magn.			
			1			B					B		B				4.3		2.65	2.51	6.81	3.30
			2			B					B		B				4.7	4.60 11 4.5	2.65	2.60	7.20	3.30
			3			B					4.0 3.9	00 4.00	4.0	3.28			4.7		2.58	2.62	7.32	3.27
			4			B					4.0	01 3.95	3.9	3.43			4.9		2.48	2.69	7.59	3.20
			5	~~3.0~~		B					4.7	00 4.70	4.7	3.22			5.3	5.20 11 5.1	2.72	2.75	7.95	3.25
			6			B					4.9	11 4.80	4.7	3.18			5.0		2.98	2.70	7.70	3.17
			7			B					4.7	00 4.70	4.7	3.38			5.3		2.78	2.77	8.07	3.10
			8			B					4.9	10 4.85	4.8	3.56	3.48	8.33	5.5		2.91	2.80	8.30	3.09
			9			B					5.0	01 5.05	5.1	3.48	3.45	8.50	5.7		2.75	2.79	8.49	3.04
			10			B					5.2	00 5.20	5.2	3.50	3.43	8.63	5.9		2.80	2.77	8.67	3.01
			11			B					5.5	11 5.40	5.3	3.49	3.40	8.80	6.0		2.89	2.76	8.76	3.01
			12			B					5.5	00 5.50	5.5	3.46	3.39	8.89	6.2	6.15 01 6.1	2.81	2.73	8.88	3.01
			13			B					5.9	10 5.85	5.8	3.44	3.32	9.17	6.7		2.59	2.60	9.30	3.01
			14			B					5.7	00 5.70	5.7	3.53	3.36	9.06	6.7		2.53	2.60	9.30	3.02
			15			B					6.0	01 6.05	6.1	3.29	3.29	9.34	7.0	6.95 01 6.9	2.39	2.56	9.51	3.01
			16			B					6.5	00 6.50	6.5	3.19	3.19	9.69	7.1		2.59	2.53	9.63	3.05
			17	3.2 3.1				6.78	6.88	10.08	7.1	10 7.05	7.0	2.93	3.09	10.14	7.8		2.18	2.44	10.24	
			18	3.4 3.3				6.90	6.89	10.29	7.3	00 7.30	7.3	3.60	3.06	10.36	7.9		2.48	2.43	10.33	
			19	3.7 3.6	00 3.70	3.7		6.90	6.89	10.59	7.7		tp	2.90	3.02	10.72	8.2		2.40	2.40	10.60	
			20	3.6 3.5				7.09	6.89	10.49	7.5	11 7.60	7.7	3.09	3.03	10.63	8.0		2.69	2.41	10.41	
			21	4.0 3.9	00 4.00	4.0		6.95	6.89	10.89	7.9	10 7.95	8.0	3.00	3.01	10.96	8.5		2.45	2.39	10.89	
			22			4.3	4.40 11 4.5	6.96	6.89	11.29	8.3	11 8.40	8.5	2.96	3.01	11.41	9.0		2.36	2.34	11.34	
			23			4.9	4.80 11 4.7	6.77	6.88	11.68	Sup		8.5	3.07	3.01	11.51	9.2		2.37	2.33	11.53	
			24			4.8		6.80	6.88	11.68	8.5	11 8.60	8.7	3.00	3.02	11.62	9.1	9.10 00 9.1	2.50	2.34	11.44	
3.46	8.46	12.20	25			5.0		6.84	6.88	11.88	8.8	01 8.85	8.9	2.99	3.04	11.89	9.5		2.34	2.33	11.83	
3.43	8.63	12.37	26			5.2		6.90	6.88	12.08	9.0	00 9.00	9.0	3.10	3.05	12.05	9.8		2.30	2.31	12.11	
3.40	8.80	12.54	27			5.4		6.75	6.88	12.28	9.0 11	01 9.05	9.1	3.10	3.05	12.10						
3.35	9.05	12.79	28			5.7		6.76	6.88	12.58	9.40 9.3	9.5	tp	3.66	3.06	12.46						

November 4, 1918

DcV

MC 8186 D6

						Diff.	Cw.	Magn.				Diff. Cw. Mag.
3.30	9.30	13.04	29	6.0		~~D~~ 6.80	6.88	$\overset{12.88}{\cancel{13.68}}$	9.7	$\overset{0\ 0}{9.70}$	9.7	3.10
3.30	9.30	13.04	30	6.0		7.00	6.88	$\overset{2}{13}.88$	7			
3.27	9.37	13.11	31	6.1		.	6.88	12.98				
3.20	9.60	13.34	32	6.5	$\overset{6.40''}{6.3}$	6.80	6.87	13.27				
3.25	9.45	13.19	33	6.2		7.01	6.88	13.08				
3.17	9.77	13.51	34	6.7	$\overset{6.60''}{6.5}$	6.88	6.87	13.47				
3.10	10.10	13.84	35	7.0		6.84	6.85	13.85				
3.09	10.19	13.93	36	7.1		7.10	6.84	13.94				
3.04	10.54	14.28	37	7.5		6.83	6.82	14.32				
3.01	10.81	14.55	38	7.8		6.67	6.79	14.59				
3.01	11.01	14.75	39	8.0		6.78	6.77	14.77				
3.01	11.11	14.85	40	8.1		6.89	6.75	14.85				
3.01	11.51	14.25	41	8.5		6.72	6.67	15.17				
3.02	11.72	15.46	42	8.7		6.57	6.60	15.30				
3.01	11.61	15.35	43	8.7	$\overset{8.60''}{8.5}$	6.80	6.65	15.25				
3.05	12.55	16.29	44	9.5	$\overset{9.50''}{9.5}$	6.30	6.28	15.78				
			45	9.9	$\overset{9.85''}{9.8}$	6.15	6.14	15.99				
			46	F								

Copied 37, 206

11:45

B Series

Dev

January 9, 1919

1:40 B50125

	Se1	Se2	g	h	pe
1		tp	tp	tp	7.7
2		3.8	tp	tp	8.5
3		4.6	tp	tp	9.1
4		4.7	tp	7.5	9.3
5		5.0	tp	7.9	9.8
6		5.4	tp	8.3	near def.
7		5.5	tp	8.5	n.s
8		5.8	tp	9.0	
9		tp			
11		6.7			
12		6.9			
13		7.1			
15		7.5			
16		7.5 7.7			
17		7.8			
19		8.3 8.1			
20		8.5			
21		9.3			
22		9.7 9.5			
23		9.8			
24					

Getting too dark to measure –
See next page –

2:05

B Series 481

SeV January 10, 1919

10'. 45 B.50 1.25 b 7

	Sa1 magn	curve	Sa2			g	h	cu. magn		PC	cu. magn	
1			tp			tp	tp	.		7.8	−0.95	−0.93
2		3.67	3.9	3.34	3.81	tp	tp	.		8.5	−0.79	−0.98
3		3.65	4.5	3.59	3.61	tp	: tp	.		9.0	−0.89	−0.99
4		3.65	4.5	3.22	3.70	tp	7.3	.		9.1	−0.90	−0.99
5		3.66	4.9	3.02	3.66	tp	$\overset{7.60}{7.5\ 7.7}$	0.95	0.91	9.7	−1.14	−1.00
6		3.68	5.3	2.81	3.64	tp	8.0	0.94	0.80	9.8	−0.86	−1.01
7		3.70	5.5	3.31	3.70	tp	8.5	0.70	0.70	n.s		
8		3.72	5.8	3.17	3.80	tp	8.9	0.70	0.62			
9		.	tp	.	.	n.s		.				
11		3.78	6.5	3.01	3.61							
12		3.78	6.5	3.25	3.86							
13		3.82	$\overset{6.80}{6.7\ 6.9}$	3.09	3.86							
15		3.87	7.3	3.06	3.69							
16		3.90	7.5	3.02	3.73							
17		3.92	$\overset{7.60}{7.5\ 7.7}$	3.04	3.96							
19		3.94	7.9	2.78	4.11							
20		3.96	8.2	2.37	4.06							
21		3.98	8.8	2.62	4.08							
22		3.98	9.1	2.72	4.14							
23		3.98	9.5	3.90	3.90							
24		.	7		.							
~~25~~												

Images poor.

Sc V

B Series 481

January 10, 1919

Copied Bk 27:56

B 50126 D7

	Sc1		Sc2			g		h	alt cor. +0.07		pe			
1	3.6 3.5			3.69 ε	7.29	6.1		tp	·		8.0		−0.94	7.06
2			tp	·	q	tp		tp	·		7.9		−0.94	6.96
3			tp	·	q.	tp		tp	·		8.5		−0.98	7.52
4	3.9 3.8	3.9 5 1 0	4.0	3.68	7.63	7.5	7.40 1 1 7.3	tp	6 0.9~~4~~	8.36	8.9	9.00 1 9.1	−0.99	8.01
5			3.7	3.69	7.39	tp		6.9	·	·	8.9	8.80 1 8.7	−0.99	7.81
6			4.10 1 4.2 4.0	3.67	7.77	tp		tp	·	q	8.5		−0.98	7.52
7			4.4	3.66	8.06	tp		tp	·		9.3		−1.00	8.30
8			4.7	3.66	8.36	tp		7.5	0.93	8.43 ~~6.57~~	9.7		−1.01	8.69
9			4.7	3.66	8.36	tp		7.9	0.83	8.73 ~~7.07~~	9.8		−1.01	8.79
10			4.5	3.65	8.15	7.8	7.80 0	7.8	0.86	8.66				
11			4.5	3.65	8.15	8.0		tp	0.80	8.80				
12			5.3	3.68	8.98	8.7	8.70 0 0	8.7	0.65	9.35				
13			5.5	3.70	9.20	9.0	9.00 0	9.0	0.60	9.60				
14			5.9	3.73	9.63	9.3	9.40 1 1	9.5	0.52 ε	9.92 ε				
15			6.1	3.74	9.84	9.7	9.60 1 1	9.5	ε	ε				
16			6.1	3.74	9.84	7		9.8	ε	ε				
17			6.3	3.76	10.06									
18			6.5	3.78	10.28									
19			7.0	3.83	10.83									
20			7.3	3.88	11.18									
21			7.6	3.91	11.51									
22			7.7	3.92	11.62									
23			8.1	3.96	12.06									
24			8.5	3.98	12.48									
25			8.60 1 1 8.5 8.7	3.99	12.59									
26			8.80 1 1 8.9 8.7	3.99	12.79									
27			8.7	3.99	12.69									
28			9.1	3.98	13.08									
29			9.5	3.98	13.48									
				3.94	13.74									

Images not circular.
Diff images. elongated –

B Series 481

Copied Bla 45: 12

ScV

January 10, 1919

B 50127 Coal Sack 12 51 − 62.6 alt cor. −.11

	Sc1	Sc2			g h	pc
1		5.5	3.70	9.20	9.7 9.70 9.7	
2		6.5	3.78	10.28		
3		7.0	3.83	10.83		
4		7.5	3.90	11.40		
5		7.8 7.85 7.9	3.93	11.78		
6		7.5	3.90	11.40		
7		7.7	3.92	11.62		
8		8.0	3.94	11.94		
9		8.3	3.97	12.27		
10		8.5	3.98	12.48		
11		8.5	3.98	12.48		
12		9.3 9.20 9.1	3.97	13.17		
13		8.9	3.98	12.88		
14		9.5	3.97	13.47		
15		9.7	3.96	13.66		
16		9.7	3.96	13.66		
17		ns				

Images poor – not circular –

Copied Bk 45:206

B Series 481

Se V

January 10, 1919

B 50128 Pole.

alt corr -.93

	Sc 1	Sc 2			g	h			pc		
a		B	·		tp	tp	·		7.3	·	·
b		B	·		tp	5.4	·		7.7	−0.93	6.77
c		3.9	3.67	7.57	6.3	tp	·		8.2	−0.97	7.23
d		4.3	3.66	7.96	6.9	tp	·		8.9	−0.99	7.91
e		4.3	3.66	7.96	tp	tp	·		8.9	−0.99	7.91
e′		4.5	3.66	8.16	7.5	tp	0.93	8.43	9.8 ?	−1.01	8.79 ?
f		4.9	3.66	8.56	tp	tp	·	·	9.5	−1.00	8.50
g		5.1	3.67	8.77	tp	tp	·	·	9.7	−1.01	8.69
h		5.5 5.3 5.40	3.69	9.09	8.7	tp	0.66	9.36			
k		5.5	3.70	9.20	9.0 9.05	9.1	0.59	9.64			
l		5.9	3.73	9.63							
l′		tp	·	v							
m		6.1	3.75	9.85							
n		6.3	3.76	10.06							
n′		6.5	3.78	10.28							
o		6.5	3.78	10.28							
p		7.1	3.86	10.96							
q		7.3	3.87	11.17							
r		7.5	3.90	11.40							
s		7.8	3.94	11.74							
t		7.8	3.94	11.74							
u		8.0	3.94	11.94							
w		8.5	3.98	12.48							
x		9.0	3.99	12.99							
y		9.3	3.97	13.27							
z		9.5	3.97	13.47							
α		9.8	3.94	13.74	All diff images poor. elong—						
β											

B Series 481

Dec January 10, 1919

B 50129 Do 7

Se 1	Se 2		g	h		pc	
1	+p		+p	+p		8.0	-1.15
2	B		+p	+p		8.7	-0.99
3	4.5	3.61	+p	+p		9.0	-0.89
4	4.5	3.70	+p	7.3	0.90	9.0	-0.80
5	5.0	3.56	+p	7.7	0.86	9.8	-1.24
6	5.3	3.64	+p	8.1	0.84		
7	+p	.	+p	+p	.		
8	5.7	3.90	+p	9.1	0.50		
9	+p	.					
11	6.4	3.71					
12	6.5	3.86					
13	6.7	3.96					
15	7.1	3.89					
16	7.4	3.83					
17	7.7	3.86					
19	8.1	3.91					
20	8.3	3.96					
21	8.9	3.98					
22	9.3	3.94					
23	9.7	3.70					
24	n.s	.					
~~25~~							

1 1.15

B Series 481 (2nd pt) Sheet no. 181

Dev January 13, 1919

10ʰ.45 B 50129 b7

Se1	Se2		g	h		pe	
1	tp		tp	tp		7.8	-0.95
2	tp		tp	tp		8.7	-0.99
3	4.5	3.61	tp	tp		9.0	-0.89
4	4.5	3.70	tp	7.20 1.2 7.1 7.3	1.00	8.9	-0.70
5	5.1	3.46	tp	7.7	0.86	9.8	-1.24
6	5.3	3.64	tp	8.0	0.94		
7	tp		tp	tp			
8	5.7	3.90	tp	9.1	0.50		
9	tp		tp	tp			
11	6.5	3.61					
12	6.5	3.86					
13	6.7	3.96					
15	7.1	3.89					
16	7.3	3.93					
17	7.5	4.06					
19	8.2	3.81					
20	8.5	3.76					
21	9.0	3.88					
22	9.3	3.94					
23	9.8	3.60					
~~24~~							

481

B. Series (2nd pt)

Copied Bk 34:45

Ser

January 13, ~~11~~ 1919

B 50130 153 K 13 23-30.4 alt cor +.05

	Sc1	Sc2			g		h			PC		
1		5.0	3.70	8.70	7.8	7.8	7.8	0.92	8.72	9.7	-1.10	8.60
2		5.5	3.74	9.24	8.9	8.95	9.0	0.52	9.47			
3		5.9	3.77	9.67	tp	.	9.5	0.22	9.72			
4		6.3	3.78	10.08								
5		6.5	3.80	10.30								
6		6.7	3.80	10.50								
7		6.9	3.82	10.72								
8		7.3	3.85	11.15								
9		7.3	3.85	11.15								
10		7.5	3.87	11.37								
11		7.8	3.88	11.68								
12		8.0	3.90	11.90								
13		8.5	3.92	12.42								
14		8.8	3.93	12.73								
15		9.1	3.95	13.05								
16		9.7	4.00	13.70								

Copied Bk 35:140

Dev

B Series +81 (2nd pt)

January 13, 1919

B 50131 Darte 14 0 - 40.6 alt corr +.03

	Sc1	Sc2			g		h			pc		
1					5.0	4.95 0 1	4.9	.	.	6.9	.	.
2		3.9	.	.	6.1	6.10 0 0	6.1	1.12	7.22	8.1	-0.91	7.19
3		4.8	3.70	8.50	7.3		tp	0.97	8.27	9.3	-1.06	8.24
4		5.6	3.74	9.34	tp		8.3	0.79	9.09	ns	.	
5		5.7	3.75	9.45	Reg. defective			.	q			
6		6.4	3.79	10.19	8.9	8.95 1 0	9.0	0.52	9.47			
7		6.5 6.7 6.69	3.80	10.40	9.5	9.40 1 1	9.3	0.29	9.69			
8		7.3	3.85	11.15								
9		7.7	3.87	11.57								
10		7.9	3.89	11.79								
11		8.4	3.92	12.32								
12		8.7	3.93	12.63								
13		9.0	3.94	12.94								
14		9.5	3.99	13.49								
15		9.8	4.01	13.81								

Defects on film.

S c V

B Series 481 (2nd Pl.)

January 13, 1919

Copied Bk 34:111

B 50132 33Ks 14 26-60 alt cor -.09

	Sc1	Sc2			g		h			pc		
1		4.5	3.68	8.18	7.0	7.05 0	7.1	1.01	8.06	9.0	-1.02	7.98
2		5.3	3.72	9.02	tp		7.8	0.91	8.71			
3		5.5	3.74	9.24	9.1	9.00 1	8.9	0.49	9.49			
4		6.1	3.78	9.88								
5		6.3	3.79	10.09								
6		6.7	3.80	10.50								
7		6.9	3.82	10.72								
8		7.0	3.83	10.83								
9		7.2	3.84	11.04								
10		7.3	3.85	11.15								
11		7.5	3.86	11.36								
12		7.7	3.87	11.57								
13		8.2	3.90	12.10								
14		8.8	3.93	12.73								
15		9.5 9.60 1 9.7	3.99	13.59								
16		9.8? scr.	4.01	13.81 ? g.								

B Series 481 (2nd pt)

Copied Bk 34:111

Sey

January 13, 1919

B 50133 33 Ks 14 27 – 60 alt com -0.9

	Sc 1	Sa 2			g		h			Pc		
1		4.3	3.67	7.97	7.1	7.1^{0}_{0} 0	7.1	1.00	8.10	9.0	-1.02	7.98
2		5.3	3.72	9.02	8.1	8.1^{0}_{0} 0	8.1	0.86	8.96	9.8	-1.11	8.69
3		5.7	3.76	9.46	8.9	8.9^{0}_{0} 0	8.9	0.55	9.45			
4		6.5 $\overset{6.4.0}{6.3}$	3.79	10.19								
5		6.5	3.80	10.30								
6		6.9	3.82	10.72								
7		7.1	3.84	10.94								
8		7.3	3.85	11.15								
9		7.4	3.86	11.26								
10		7.5	3.87	11.37								
11		7.7	3.88	11.58								
12		7.9	3.89	11.79								
13		8.3	3.90	12.20								
14		8.9	3.93	12.83								
15		9.5	3.99	13.49								
16		9.7	4.00	13.70								

B Series 481 (2nd pt)

Sel

January 13, 1919

B 50136 B8

Se 1	Se 2		Curve magn	g	h		Cu. magn	pc		Cu. magn.
1	B		·	tp	6.1	1.10	1.12	8.3	-1.10	-0.95
3	4.7	3.39	3.69	tp	7.1	0.99	1.00	9.0	-0.91	-1.02
4	tp	·	·	tp o :	tp	·	·	8.9	-1.18	-1.01
8	5.2	3.77	3.71	8.1 0 8.2 8.0	tp	0.87	0.86	ns		
9	5.3	3.92	3.72	8.5	tp	0.72	0.72	ns		
11	5.7	3.81	3.75	9.0	tp	0.51	0.50			
12	6.2	3.55	3.78	9.7	7	0.05	0.11			
14	6.5	3.47	3.80							
15	6.5	3.86	3.80							
16	6.7	3.82	3.80							
18	7.0	3.68	3.83							
20a	7.2	4.02	3.84							
21	7.5	3.92	3.86							
22	7.7	4.12	3.87							
25	8.4 0 8.3 8.5	3.86	3.91							
26	8.9	3.83	3.94							
27	9.2 0 1 9.1 9.3	4.11	3.96							
28	9.7	4.16	4.00							
6a	tp	·	·	tp						

12:20

B Series 652

Copied Bk 27:24

DeV

January 15, 1919

9n.

9', 30 B 52144 D 3

alt cor +·07

	Sel		Sez				g		h			PC		
1			B	.			6.0	6.05 0 1	6.1	1.12	7.17	7.5	-0.95	6.55
2			B	.			6.1		tp	1.12	7.22	7.5	-0.95	6.55
3			B	.			6.3		tp	1.09	7.39	7.7	-0.98	6.72
4			B	.			6.7	6.70 0 0	6.7	1.00	7.70	8.1	-1.04	7.06
5			B	.			7.0	6.95 0 1	6.9	0.96	7.91	8.5	-1.11	7.39
6			B	.			6.95 0 1 6.9 7.0		tp	0.96	7.91	8.3	-1.07	7.23
7			B	.			7.5	7.50 0 0	7.5	0.81	8.31	8.9	-1.19	7.71
8			B	.			Sup		7.3	0.87	8.17	8.9	-1.19	7.71
9	3.8 3.7	3.85 0 1	3.9		3.46 ε	7.31 ε	7.9	7.95 1 0	8.0	0.70	8.65	9.8	-1.37	8.43
10			4.0	4.05 0 1 4.1	3.50	7.55	8.5	8.40 1 1	8.3	0.52	8.92	9.9 ~~10~~	-1.40	8.50
11			4.3		3.56	7.86	Sup ~~8.5~~		Sup ~~8.3~~	.		9.9	-1.40	8.50
12			4.5	0	3.60	8.10	9.1	9.05 1 0	9.0	0.28	9.33			
13			5.00 1 0 4.9	5.1 ~~4.7~~ ws	3.70	8.70	9.3	9.40 1 1	9.5	0.13	9.53			
14			6.0		3.81	9.81								
15			6.2		3.82	10.02								
16			6.3		3.83	10.13								
17			6.7		3.84	10.54								
18			7.2		3.84	11.04								
19			7.5		3.84	11.34								
20			7.8	scr.	3.82	11.62								
21			7.7		3.83	11.53								
22			8.9		3.77	12.67								
23			8.3	8.20 1 1 8.1	3.80	12.00								
24			8.8		3.77	12.57								
25			9.5		3.70	13.20								
26			9.8	9.75 0 1 9.7 scr.	3.69	13.44								
27			ms scr.		.	.								
28			9.8		3.68	13.48								
29														
30														

Plate scratched through center

Images poor - not circular - haze

[illegible]

Copied Bk 44. 92~~8~~

B Series 652

Se V

January 15, 1919

22 Ks = B 52145 Sq. Mag. Cld 5 38 −70 alt cor −.21

	Sc1	Sc2	22 Ks		g		h		
Seq V h		5.5	3.77	9.27	9.0	8.9^{5}_{0} 1	8.9	0.32	9.27
l		6.1	3.83	9.93	Scr.			.	g
m		6.8	3.84	10.64					
n		7.1	3.85	10.95					
o		7.5	3.84	11.34					
p		7.9	3.82	11.72					
q		8.9	3.77	12.67					
r		9.0	3.76	12.76					
s		9.3	3.72	13.02					
t		9.7 scr	3.69	13.39 g					
A		5.1	3.72	8.82	8.5	$8.5^{0}_{\circ}$ °	8.5	0.49	8.99
*22 Ks = B		5.5	3.77	9.27	9.1	$9.^{20}_{1}$ '	9.3	0.22	9.42
h'		6.3	3.84	10.14					
g'		8.3	3.80	12.10					

* ~~Sequence for 22 Ks not measured.~~

Sequence V is the same as Sequence for 22 Ks.

Plate scratched thro' center

Images poor —

Dev

B Series 652

January 15 1919

Copied Bk. 34:61

B 52146 Sel	Sez	169 K		5 39 – 45 g		h			alt cor. +.02 pc
1	5.8	3.80	9.60	9.0	9.1 0 1	9.2	0.26	9.36	
2	6.3	3.83	10.13	9.7		7	0.01	9.71	
3	6.7	3.84	10.54						
4	7.5	3.84	11.34						
5	7.5	3.84	11.34						
6	7.5	3.84	11.34						
7	7.9	3.82	11.72						
8	8.1	3.81	11.91						
9	8.3 8.4 0 1 8.5	3.80	12.20						
10	8.9	3.77	12.67						
11	8.9	3.77	12.67						
12	9.1	3.74	12.84						
13	9.5	3.70	13.20						
14	9.5	3.70	13.20						
15	9.7	3.69	13.39						

Dev

B Series 652

January 15, 1919

Copied Bk 35: 180

B 52147 Barti 6 u − 64.5 alt corr −.13

		Sez			g			h		Pc		
1		B	.		5.7	5.80 ±1	5.9	1.16	6.96	7.9	~~−0.99~~ −1.01	6.89
2	3.6 3.5 3.65	3.7	.	.	6.7	6.70	6.7	1.01	7.71	8.8	− ~~0.83~~ 1.17	7.63
3		4.2	3.53	7.73	7.1	7.15	7.2	0.90	8.05	9.0 ±1 9.15 9.3	−1.24	7.91
4		5.5	3.77	9.27	9.5	9.50	9.5	0.09	9.59			
5		6.4	3.83	10.23								
6		6.8	3.85	10.65								
7		7.2	3.85	11.05								
7a		7.7	3.83	11.53								
8		7.9	3.82	11.72								
9		8.3	3.80	12.10								
10		8.5	3.80	12.30								
11		9.0	3.76	12.76								
12		Ser. 7	·	[illegible]								

Plate scratched – Images poor.

Copied Bk 35 :36

B Series 652

DeV

January 15, 1919

B52148 Dante 6 0 - 9.5 alt corr +.07

	Sc2					g		h			PC
1	4.5			3.60	8.10	7.5	7.5 0 0	7.5	0.81	8.31	9.8 - .38 8.42
2	5.2			3.73	8.93	8.5	8.4 0 1 1	8.3	0.52	8.92	
3	5.5			3.77	9.27	9.0	9.0 0 0	9.0	0.30	9.30	
4	5.5			3.77	9.27	9.1	9.1 0 0	9.1	0.26	9.36	
5	6.1	6.0 0 1 1	5.9	3.81	9.81	Scr.					
6	6.1	6.2 0 1 1	6.3	3.83	10.03						
7	6.5			3.83	10.33						
8	7.3			3.84	11.14						
9	8.0	7.9 0 1 1	7.8	3.82	11.72						
10	8.3	8.2 0 1 1	8.1	3.80	12.00						
11	8.0			3.81	11.81						
12	7.9			3.82	11.72						
13	8.7			3.78	12.48						
14	9.0			3.76	12.76						
15	9.5	9.6 0 1 1	9.7	3.70	13.30						
16	7			.	7						

Plate scratched - Images not circular

B Series 652 : Sheet no 182

Copied Bk 52:28

Dcr

January 15, 1919

B 52^{4}19 fb 4

	Sc2	cu. magn			g		h	cu. magn			Pc	cu. magn		
1	B	.	.	$\overset{B}{5.5}$	$\overset{5.5}{\cancel{6.2}}$	5.5^{0}_{0}	$\overset{5.5}{\cancel{6.3}}$	1.21	1.21	6.71	7.7	-0.99	-0.98	6.72
2	B	.	.	B	6.2	6.2^{5}_{0}	6.3	0.96	1.20	7.45	8.5	-1.29	-1.11	7.39
3	B	.	.	B	6.3	:	t/p	1.02	1.18	7.48	8.5	-1.18	-1.11	7.39
4	4.1	3.64	3.52	7.62	6.7	6.6^{0}_{1}	6.5	1.14	1.03	7.63	8.9	-1.16	-1.19	7.71
4a	4.4	3.55	3.58	7.98	tp		7.1	0.85	0.91	8.01	scr.			
5	4.9	3.51	3.69	8.59	tp		7.7	0.71	0.25	7.95	9.8 ?	-1.39	-1.38	8.42?
7	5.1	3.64	3.72	8.82	8.1	8.1^{0}_{0}	8.1	0.64	0.63	8.73				
8	5.1	3.77	3.72	8.92	8.1	8.2^{0}_{1}	8.3	0.67	0.60	8.80				
9	5.4	3.94	3.76	9.16	8.9	9.0^{0}_{1}	9.1	0.34	0.30	9.30				
11	6.1	3.84	3.82	9.92										
13	6.5 6.4^{0}_{1} 6.3	3.79	3.83	10.23										
14	6.9	3.84	3.85	10.75										
16	7.3	3.80	3.84	11.14										
17	7.5	4.00	3.84	11.34										
18	8.0	3.93	3.81	11.81										
19	8.3	3.82	3.80	12.10										
20	8.7	3.80	3.79	12.49										
22	9.0	3.78	3.76	12.76										
23	9.3	3.70	3.72	13.02										
24	9.8?	3.77	3.68	13.48 ?										
21a	8.8	→	3.68	12.48										
9a ~~20~~	5.7	3.92	3.79	9.49	9.5	9.5^{0}_{0}	9.5	0.12	0.09	9.59				

Plate scratched – Images not circular.
Pc's elongated.

11.45

B Series 652 (2nd Pt) Sheet no 18₂

DeV

January 16, 1918

9ʰ.35	B 52149		b 4			
			Sc 2		g h	PC
1			B		5.5 5.5^{0}_{0} 5.5 1.21	7.8 -1.09
2			B		6.3 6.3^{0}_{0} 6.3 0.91	8.7 -1.49
3	3.8 3.7	3.8^{0}_{0} 0	3.8	3.52	6.3 6.3^{0}_{0} 6.3 1.02	8.7 -1.38
4			4.1	3.64	6.8 6.9^{0}_{1} 7.0 0.84	9.0 -1.26
4a			4.3	3.65	tp 7.3 0.65	Scr •
5			4.8	3.61	tp 7.8 0.61	9.8 near gr. -1.39
7			5.1	3.64	8.2 8.1^{5}_{0} 8.1 0.59	
8			5.2	3.67	8.3 8.3^{0}_{0} 8.3 0.57	
9			5.6	3.74	9.1 tp 0.24	
9a			5.9	3.72	4p 9.5 0.12	
11			6.3	3.65		
13			6.5	3.69		
14			6.9	3.84		
16			7.3	3.80		
17			7.5	4.00		
18			7.9	4.03		
19			8.5	3.62		
20			8.8	3.70		
21a			8.9			
22			9.1	3.68		
23			9.3 scr.	3.70		
24			9.8	3.77		

B Series 652 (2nd pt)

Set January 16, 1919

Copied Bk 27:117

B 52150 E3

alt cor +0.2

	Sc2			g	h			E3c		
1	tp	·		4p	tp	·		9.0 w.s	-1.18	7.12
2	4.0	3.63	7.63	tp	6.3	0.97	7.27	8.5	-1.22	7.28
3	3.7	3.62	7.32	tp	6.1	1.00	7.10	8.1	-1.15	6.95
4	4.3	3.66	7.96	6.5	tp	0.93	7.43	8.7	-1.25	7.45
5	4.4	3.67	8.07	6.7 6.7 0 0	6.7	0.89	7.59	8.9	-1.28	7.62
6	4.4	3.67	8.07	6.9	tp	0.84	7.74	9.0	-1.30	7.70
7	4.7 4.5 4.6 0 1	3.67	8.27	7.1	tp	0.80	7.90	9.2	-1.32	87.88
8	5.0	3.70	8.70	7.7 7.7 0 0	7.7	0.62	8.32	9.8	-1.38	8.42
9	5.3 5.5 5.4 0 1	3.73	9.13	8.5 8.6 0 1	8.7	0.89	9.49			
10	tp	·	g	9.0	7	0.27	9.27			
11	5.5	3.74	9.24	8.9 8.95 0 1	9.0	0.28	9.23			
12	5.7	3.75	9.45	9.3	tp	0.16	9.46			
13	6.0	3.76	9.76							
14	6.2	3.78	9.98							
15	6.3	3.79	10.09							
16	6.1	3.77	9.87							
17	6.5	3.80	10.30							
18	6.5	3.80	10.30							
19	7.3	3.80	11.10							
20	6.9 7.0 6.95 0 1	3.80	10.75							
21	7.2	3.80	11.00							
22	7.3	3.80	11.10							
23	7.5	3.80	11.30							
24	7.9	3.80	11.70							
25	8.0	3.78	11.78							
26	8.3	3.76	12.06							
27	8.5	3.72	12.22							
28	8.8	3.68	12.48							
29	9.0	3.65	12.65							
30	9.3 9.5 9.4 0 1	3.58	12.98							

Images rather poor.

B Series 652 (2nd Pl.)

Copied Bk 45: 206

SeV

January 16, 1919

B 52151 Pole

att corr -92

		Sc2			g		h			PC		
	a	B	·	B	5.4		+p	1.14	6.54	7.5	−0.99	6.51
	b	3.9	3.63	7.53	+p		+p	·	g	8.0	−1.02	6.98
	c	+p	·	g	6.9_{0}		+p	0.84	7.74	8.3	−1.18	7.12
	d	3.9	3.63	7.53	7.5 7.4^{0}_{1} 7.3 ~~7.5~~		tp	0.71	8.11	8.9	−1.28	7.62
	e	4.0	3.64	7.64	+p		7.1 7.2^{0}_{1} 7.3	0.78	7.98	9.0	−1.30	7.70
	e′	4.6	3.68	8.28	8.1	8.1^{0}_{0} 0	8.1	0.52	8.62	9.8	−1.38	8.42
	f	4.5	3.67	8.17	8.1	8.1^{5}_{1} 0	8.2	0.50	8.65	9.7	−1.37	8.33
	g	4.8	3.69	8.49	8.3	8.2^{0}_{1} 1	8.1	0.50	8.70			
	h	5.4 5.3 5.33_{0} 1	3.72	9.07	9.0	9.0^{5}_{0} 1	9.1	0.75	9.80			
	k	5.9	3.76	9.66	9.3	9.3^{0}_{0} 0	9.3	0.83	10.13			
	l	6.2	3.78	9.98								
	l′	6.5	3.80	10.30								
	m	6.5	3.80	10.30								
	n	6.7	3.80	10.50								
	n′	7.1	3.80	10.90								
	o	7.3	3.80	11.10								
	p	7.5	3.80	11.30								
	q	7.5	3.80	11.30								
	r	7.7	3.80	11.50								
	s	8.0	3.78	11.78								
near def	t	8.3	3.76	12.06								
	u	8.5	3.72	12.22								
	w	8.8	3.68	12.48								
	x	9.3	3.60	12.90								
	y	9.5	3.56	13.06								
	z	9.8	3.51	13.31								
	α	9.9	3.50	13.40								

Plate badly streaked

S.e.V

B Series 652 (2nd pt)

January 16, 1919

Copied Bk 27:28

B52152 D4

alt corr +.07

		Se 2			g		h			pe			
	1	B	.	.	6.0	6.05$_{0\,1}$	6.1	1.01	7.06	8.0		-1.12	6.88
	2	B	.		tp		tp	.	g	8.5	8.6$^{0}_{1}$1 8.7	-1.24	7.36
	3	B	.		6.7	6.7$^{0}_{0}$0	6.7	0.89	7.79	8.8		-1.27	7.53
	4	B	.		7.2	7.2$^{0}_{0}$0	7.2	0.77	7.97	9.2		-1.32	7.88
	5	B	.		7.7	7.7$^{0}_{0}$0	7.7	0.63	8.33	9.8		-1.38	8.42
	6	3.9	3.64	7.54	8.1	8.1$^{0}_{0}$0	8.1	0.51	8.61	S cr		.	g
	7	3.9	3.64	7.54	8.3	8.2$^{0}_{1}$2	8.1	0.50	8.70	9.8		-1.38	8.42
	8	4.1	3.65	7.75	8.5	8.5$^{0}_{0}$0	8.5	0.41	8.91	n.s		.	.
	9	3.8	3.62	7.42	8.3	8.3$^{0}_{0}$0	8.3	0.47	8.77	n.s		.	.
Diffr. g. assumed 8.7	10	4.3	3.65	7.95	8.8	8.8$^{0}_{2}$1	8.9	0.32	9.12				
	11	4.9 4.8	3.70	8.55	9.1	9.2$^{0}_{1}$1	9.3	0.20	9.40				
		4.85$_{1\,0}$											
	12	5.3	3.72	9.02	9.7	9.7$^{5}_{1}$0	9.8	0.02	9.77				
	13	5.3	3.72	9.02	S cr.								
	14	5.8	3.74	9.54									
	15	6.0	3.77	9.77									
	16	6.1	3.78	9.88									
	17	6.3	3.79	10.09									
	18	6.5	3.80	10.30									
	19	6.5	3.80	10.30									
	20	6.9	3.80	10.70									
	21	7.3	3.80	11.10									
	22	7.5	3.80	11.30									
	23	7.8	3.80	11.60									
	24	8.3	3.76	12.06									
	25	8.5 8.7 8.6$^{0}_{1}$1	3.70	12.30									
	26	8.7	3.70	12.40									
	27	9.1 9.3 9.2$^{0}_{1}$1	3.61	12.81									
	28	9.5	3.56	13.06									
	29	9.8	3.51	13.31									

Images very poor - haze on edge - Plate streaked

DeV

B Series 652 (2nd pt)

January 16, 1919

Copied Bk 35:60

B52153 Darte 7 0-16.5 alt Cor. +.07

	Se2 B			g		h			pc		
1		.		6.9	6.95	7.0	0.83	7.78	9.0	−1.30	7.70
2	4.4	3.67	8.07	7.7	7.65	7.6	0.66	8.31	9.7	−1.37	8.33
3	4.7	3.69	8.39	8.0	8.05	8.1	0.53	8.53	Sup		
4	5.4	3.72	9.12	9.1	9.05	9.0	0.26	9.31			
5	5.8	3.75	9.55	7							
6	6.0	3.77	9.77								
7	6.8	3.80	10.60								
8	7.3	3.80	11.10								
9	7.5	3.80	11.30								
9a	8.0	3.78	11.78								
10	9.0 8.95 8.9	3.66	12.61								
11	8.5	3.72	12.22								
12	8.7 8.8 8.9	3.68	12.48								
13	9.3 9.40 9.5	3.58	12.98								
14	9.8 9.85 9.9	3.51	13.36								

B Series 652

Se V

January 16, 1919

Sheet [illegible]

B 52154 D.4

	Se2		g h		PC	
1	B		5.7 5.70 5.7	1.01	7.7	-0.99
2	B		6.5 6.40 6.3	0.81	8.5	-1.29
3	3.8	3.52	t/p 6.5	0.82	8.7	-1.38
4	3.9	3.84	7.1 7.05 7.0	0.69	9.0	-1.26
4a	4.2	3.75	t/p 7.3	0.65	9.3	-1.35
5	4.7	3.71	t/p 7.7	0.71	9.8	-1.39
7	5.0	3.41	8.1 8.10 8.1	0.64	ser.	.
8	5.1	3.31	8.3 8.30 8.3	0.57		
9	5.7	3.64	9.1 9.20 9.3	0.14		
9a	5.9	3.72	9.7 9.60 9.5	0.02		
11	6.3	3.65				
13	6.5	3.69				
14	7.0	3.74				
16	7.3 7.30 ~~7.3~~ 7.3	3.80				
17	7.7	3.80				
18	7.9	4.03				
19	8.5	3.62				
20	9.0	3.50				
21a	8.9	.				
22	9.3	3.48				
23	9.7	3.30				
24	7	7				

Plate streaked _ Poor Series _

12:55

January 22, 1919

DeV

10h 20 MC 15320 a3 Yellow Long Exp.

			Sc 2	g	h	pc
Off Pl.	1			–	–	–
" "	2		+	–	–	–
	3		B	5.0	.4.9	5.9
	4		B	3.4?	3.4?	4.9
	5		B	B	B	3.8
	6		B	5.3	5.5	6.5
	6a		B	5.7	5.7	6.9 6.7 on Cr.
	7		B	4.0	3.9	~~7.4~~
	8		Too near Cr	–	–	–
	9		B	7.0	7.0	7.7
	10		B	7.2	7.1	7.7
	11		B	7.0	7.1	7.7
	12		B	7.9	7.9	8.3
	13		B	7.7	7.7	8.1
	14		B	8.5	8.5	Cr.
	15	2.9		9.0	8.9	9.5
	16	2.3		8.1	8.3	9.0
	17	3.4		9.7	9.7	
	18		Too near Cr.			
	19		4.3	n.s.		
	20		3.6	9.7	9.8	
	21		5.0			
	22		5.2			
	23		5.7			
	24		5.5			
	25		5.9			
	25a		6.5			
	25b		Too near Cr.			

January 22, 1919

Dev

Mc 15320 (cont)

26		6.8
27		7.3
28		7.5
28a		Too near cr.
29		8.0
30	w.s	8.3 ~~9.0~~ 8.7
31		9.3
32		9.5
33		9.8
34		F

11:10

Plate badly broken thro' center

January 23, 1919

Set

9:35 MC 10874 D11 Long Ex.

				Sc1	Sc2		Diff.	Cu.	Magn.	g		h	Diff.	Cu.	Magn.	Pc	Diff.	Cu.	Magn.	
			1	B						B		B				11 4.80 4.7 4.9	2.25	2.75	7.55	2.9
			2	B						B		B				5.0	2.42	3.70	7.70	2.8
			3	B						4.0 3.9	00 4.00	4.0	3.36	3.30	7.30	11 5.20 5.1 5.3	2.16	2.68	7.88	2.75
			4	B						4.2	01 4.25	4.3	3.30	3.23	7.48	5.1	2.45	2.69	7.79	2.69
			5	B						4.3	00 4.30	4.3	3.34	3.21	7.51	5.1	2.54	2.69	7.79	2.71
			6	B						4.7	11 4.60	4.5	3.06	3.15	7.75	5.3	2.36	2.65	7.95	2.64
			7	B						5.0	01 4.95	4.9	2.91	3.04	7.99	5.5	2.36	2.61	8.11	2.60
			8	B						4.8	00 4.80	4.8	2.97	3.09	7.89	5.5	2.27	2.61	8.11	2.57
			9	B						5.2	01 5.25	5.3	3.01	2.98	8.23	5.9	2.36	2.58	8.48	2.51
			10	B						5.5	00 5.50	5.5	2.88	2.91	8.41	6.2	2.18	2.57	8.77	2.52
			11	B						5.8	01 5.85	5.9	2.60	2.85	8.70	6.4	2.05	2.54	8.94	2.50
			12	B						6.1	00 6.10	6.1	2.68	2.80	8.90	6.7	2.08	2.50	9.20	2.47 2.46
			13	B						6.3	00 6.30	6.3	2.83	2.77	9.07	6.9	2.23	2.48	9.38	2.46
			14	B						6.5	00 6.50	6.5	2.91	2.73	9.23	7.1	2.31	2.44	9.54	2.49
			15	3.3 3.2			6.51	6.48	9.78	6.9	10 6.95	7.0	2.86	2.65	9.60	7.7	2.11	2.28	9.98	2.48
			16	3.2 3.2			6.52	6.48	9.78	7.1	00 7.10	7.1	2.72	2.62	9.72	8.0	1.82	2.19	10.19	
			17	3.6 3.5			6.44	6.47	10.07	7.3	00 7.30	7.3	2.74	2.60	9.90	8.1	1.94	2.15	10.25	
			18	3.6 3.5	01 3.65	3.7	6.55	6.47	10.12	7.5	11 7.60	7.7	2.60	2.55	10.15	8.3	1.90	2.08	10.38	
3.37	7.22	10.96	19	3.8 3.7	01 3.85	3.9	6.36	6.46	10.31	7.7	00 7.70	7.7	2.51	2.53	10.23	8.60 11 8.7 8.5	1.61 near def	1.99	10.59	
3.36	7.26	11.00	20			3.9	6.45	6.45	10.35	7.7	11 7.80	7.9	2.55	2.52	10.32	8.5	1.85	2.00	10.50	
3.31	7.31	11.05	21			4.0	6.44	6.45	10.45	7.9	00 7.90	7.9	2.54	2.51	10.41	8.5	1.94	2.00	10.50	
3.31	7.31	11.05	22			4.0	6.40	6.45	10.45	7.9	10 7.95	8.0	2.45	2.51	10.46	8.5	1.90	2.00	10.50	
3.24	7.44	11.18	23			4.2	6.32	6.44	10.64	8.1	00 8.10	8.1	2.42	2.49	10.59	8.8	1.72	1.91	10.71	
3.22	7.52	11.26	24			4.3	6.09	6.43	10.73	8.1	00 8.10	8.1	2.29	2.49	10.59	8.9	1.49	1.89	10.79	
3.11	7.81	11.55	25			4.7	6.42	6.40	11.10	8.5	11 8.60	8.7	2.52	2.47	11.07	9.2	1.92	1.80	11.00	
3.05	7.95	11.69	26			4.9	6.33	6.40	11.30	8.7	12 8.85	9.0	2.38	2.46	11.31	9.3? near def	1.93	1.76	11.06	
3.02	8.02	11.76	27			5.0	6.42	6.39	11.39	9.1	00 9.10	9.1	2.32	2.46	11.56	n.s				
3.00	8.10	11.84	28			5.1	6.40	6.38	11.48	9.0	01 9.05	9.1	2.45	2.46	11.51					

January 23, 1919

SeV

Mc 10874 D " cont.

Magn.					D	5.60"	Diff.	Cu	Magn.	g	oo	h	Diff.	Curve	Magn.
57.55	2.90	8.56	12.24	29	5.7	5.5	6.25	6.34	11.94	9.3	9.30	9 3	~~2.47~~ 2.55	2.47 6 1.88	11.77
07.70	2.84	~~9.27~~ 8.74	12.48	30	5.9	6.43		6.32	12.22	9.8		7	~~2.49~~ 2.53	2.49 1.60	12.29
87.88	2.75	9.15	12.89	31	6.4	6.26		6.28	12.68						
7.79	2.69	9.39	13.13	32	6.7	6.04		6.26	12.96						
7.79	2.71	9.31	13.05	33	6.6	6.21		6.27	12.87						
7.95	2.64	9.64	13.38	34	7.0	6.14		6.23	13.23						
8.11	2.60	9.90	13.64	35	7.3	6.23		6.21	13.51						
8.11	2.57	10.07	13.81	36	7.5	6.06		6.20	13.70						
8.48	2.51	10.41	14.15	37	7.9	6.10		6.16	14.06						
8.77	2.52	10.32	14.06	38	7.8	6.35		6.18	13.98						
8.94	2.50	10.60	14.34	39	8.1	6.17		6.14	14.24						
	2.47	10.97	14.71	39 a	8.5	.		6.10	14.60						
9.20	2.4~~6~~4	11.36	15.10	40	8.9	5.84		6.~~10~~03	14.93						
9.38	2.46	11.16	14.90	41	8.7	6.31		6.07	14.77						
9.54	2.49	12.19	15.93	42	9.7	5.74		6.40	16.10						
9.98	2.48	11.98	15.72	43	9.5	6.00		6.44	15.94						
10.19				44	7										
10.25															
10.38															
10.59															
ef															
10.50															
10.50															
10.50															
10.71															
10.79															
11.08															
11.06															

Copied 37: 216

10.40

PC's large - and faint ones hazy - difficult

January 23, 1919

Sc A H 3

Long Ex.

11:40 MC 13356 D 10

				Sc1	Sc2	Diff.	Curve	Magn.	Sc1 g		Sc1 h	Diff.	Curve	Magn. 7	Sc1 7 PC	Sc2	Diff.	P. Cu.
			1		B				2.7	$\overset{11}{2.80}$	2.9	4.29	4.31	8.11	3.5		3.59	3.52
			2		B				2.9	$\overset{00}{2.90}$	2.9	4.21	4.29	7.19	3.5		3.61	3.52
			3		B				3.3	$\overset{00}{3.30}$	3.3	$\overset{4}{3}.26$	4.21	7.51	4.4		3.16	3.10
			4		B				def.		3.3	4.28	4.21	7.51	4.7	$\overset{11}{4.60}$ 4.5	2.98	3.03
			5		B				3.7	$\overset{00}{3.70}$	3.7	4.11	4.13	7.83	5.1		2.71	2.80
			6		B				3.9	$\overset{11}{3.80}$	3.7	4.08	4.11	7.91	5.1		2.78	2.80
			7		B				4.0	$\overset{01}{3.95}$	3.9	4.18	4.08	8.03	5.3		2.83	2.74
			8		B				4.5	$\overset{00}{4.50}$	4.5	3.81	3.96	8.46	5.9		2.41	2.58
			9		B				4.5	$\overset{00}{4.50}$	4.5	4.07	3.96	8.46	6.0		2.57	2.57
			10		B				3.9	$\overset{10}{3.95}$	4.0	4.20	4.08	8.03	5.3		2.85	2.74
			11	1.0		7.81	7.79	8.79	4.9	$\overset{00}{4.90}$	4.9	3.91	3.85	8.75	6.3		2.51	2.50
			12	1.0		7.80	7.79	8.79	5.0	$\overset{01}{5.05}$	5.1	3.75	3.80	8.85	6.4		2.40	2.48
			13	1.2		7.71	7.79	8.99	5.3	$\overset{00}{5.30}$	5.3	3.61	3.75	9.05	6.5		2.41	2.45
			14	1.3		7.91	7.78	9.08	5.5	$\overset{00}{5.50}$	5.5	3.71	3.69	9.19	6.7		2.51	2.41
			15	3.3		7.12	7.50	10.86	6.7	$\overset{00}{6.70}$	6.7	3.72	3.46	10.16	Sup.?		.	.
			16	1.9		7.71	7.73	9.63	6.1	$\overset{11}{6.20}$	6.3	3.41	3.55	9.75	7.3	$\overset{7.6\ 111}{7.40}$ $\overset{7.5}{7.3}$	2.21	2.32
			17	2.4		7.87	7.67	10.07	6.7	$\overset{00}{6.70}$	6.7	3.57	3.46	10.16		8.0	2.27	2.29
			18	2.1		7.64	7.70	9.80	6.3	$\overset{00}{6.30}$	6.3	3.44	3.52	9.82		7.5	2.24	2.31
			19	2.5 $\overset{2.40\ 11}{2.3}$		8.10	7.67	10.07	6.8	$\overset{00}{6.80}$	6.8	3.70	3.43	10.23		7.8	2.70	2.30
									Sc2		Sc2							
4.19	7.59	11.33	20	3.4		7.55	7.49	10.89	7.5	$\overset{11}{7.60}$	7.7	3.35	3.32	10.92		Sup.	.	.
4.25	7.35	11.09	21	3.1		7.38	7.54	10.64	7.3	$\overset{00}{7.30}$	7.3	3.18	3.37	10.67		8.2	2.28	2.28
4.21	7.51	11.25	22	3.3		7.49	7.50	10.80	7.5	$\overset{00}{7.50}$	7.5	3.29	3.33	10.83		8.5	2.29	2.29
4.21	7.51	11.25	23	3.3		7.37	7.50	10.80	7.3	$\overset{00}{7.30}$	7.3	3.37	3.36	10.66		def	.	.
4.21	7.51	11.25	24	3.3		7.59	7.50	10.80	7.5	$\overset{00}{7.50}$	7.5	3.39	3.33	10.83		def.	.	.
4.04	8.14	11.88	25	4.1		7.58	7.32	11.42	8.1	$\overset{11}{8.20}$	8.3	3.48	$\overset{29}{3.30}$	11.49		+p	.	.
4.10	7.90	11.64	26	3.9 $\overset{3.80\ 11}{3.7}$		7.42	7.39	11.19	7.9	$\overset{10}{7.95}$	8.0	3.27	3.30	11.25		8.9	2.32	2.30
4.17	7.67	11.41	27	3.5		7.74	7.46	10.96	7.7	$\overset{10}{7.75}$	7.8	3.49	3.31	11.06		Sup.	.	.
4.00	8.30	12.04	28	4.3		7.36	7.28	11.58	8.3		def	3.36	3.29	11.59				

January 23, 1919

QH3

~~Dex~~

MC 13356 D.10 (cont.)

P.	P.C. Cu.	Magn.		Sc1	10	Sc2	Diff.	Cause	Magn.	g		h	Diff.	Cause	Magn.		
9	3.52	7.02	29	4.9	4.85	4.8	7.89	7.18	12.03	8.9		F	3.04	3.26	7.01	~~10.05~~ 15.91	12.16
1	3.52	7.02	30	5.1	$\overset{00}{5.10}$	5.1	7.06	7.14	12.24	8.9	$\overset{00}{8.90}$	8.9	3.26	3.26	7.01	15.91	12.16
6	3.10	7.50	31	5.2	$\overset{00}{5.20}$	5.2	7.16	7.21	12.31	9.0	$\overset{00}{9.00}$	9.0	3.36	3.26	7.01	16.01	12.26
8	3.03	7.63	32	5.5	$\overset{00}{5.50}$	5.5	7.10	7.06	12.56	+p							
1	2.80	7.90	33	5.9	$\overset{11}{6.00}$	6.1	6.94	7.04	13.04	n,s							
8	2.80	7.90	34	6.2	$\overset{01}{6.15}$	6.1	6.93	7.04	13.19								
3	2.74	8.04	35	6.3	$\overset{00}{6.30}$	6.3	.	7.04	13.34								
1	2.58	8.48	36	6.5	$\overset{11}{6.60}$	6.7	7.03	7.03	13.63								
7	2.57	8.57	37	7.0	$\overset{00}{7.00}$	7.0	7.26	7.02	14.02								
5	2.74	8.04	38			7.2	7.10	7.02	14.22								
1	2.50	8.80	39			7.5	7.06	7.02	14.52								
)	2.48	8.88	40			7.5	7.20	7.02	14.52								
1	2.45	8.95	41			7.7	7.20	7.02	14.72								
	2.41	9.11	42			8.1	$\overset{8.20^{11}}{8.3}$ 6.92	7.02	15.22								
	.	.	43			9.5?	5.90	~~7.59~~	$\overset{e}{17.00}$								
1	2.32	9.72	44			8.7	7.00	7.02	15.72								
7	2.29	10.29	45		ws	F ~~9.5?~~	.										
4	2.31	9.81	35a			* 9.0	4.36 R										
0	2.30	10.10.	35b			F	.										
.	.	.															
8	2.28	10.48															
9	2.29	10.79															
.	.	.															
.	.	.															
.	.	.															
32	2.30	11.20															
.	.	.															

* Undoubtedly wrong- reject? Ld.

Reject H.S.L.
May 8, 1919

Copied 37.214 -

Computed Magns.

34	3.56	9.71	13.45
35	3.52	9.82	13.56
	3.48	10.08	13.82
	3.40	10.40	14.14
	3.37	10.57	14.31
	3.33	10.83	14.57
	3.33	10.83	14.57
	3.31	11.81	14.75
	3.29	11.49	15.23
43	.	.	.
$4\overset{3}{4}$	3.26	11.96	15.70
$4\overset{5}{4}$	.	.	
$\overset{35a}{\cancel{45}}$	3.25	12.25	15.99
	.		
29	3.87	8.72	12.46
30	3.80	8.90	12.64
31	3.76	8.96	12.70
$\overset{10}{32}$	3.69	9.19	12.93
33	3.59	9.59	13.33

January 24, 1919

DeV

9 : 45 Me 8250 Dq Long Ex.

				Sc1		Sc2	Diff.	Cu.	Magn.	Sc1	Sc1		Diff.	Cu.	Magn.	PC	Diff.	Cu.	Magn.	P.C. Ma
			1			B				3.4 3.3	0 1 3.35	3.3 3.2	4.07			40	3.42	3.32	67.4	7.
			2			On edge of film										44	3.20	3.30	6.50	7.
			3			B				3.6 3.5	1 1 3.50	3.4 3.3	4.03			42	3.33	3.31	6.64	7.
			4			B				Sc2 3.7	0 0 3.70	Sc2 3.7	3.90			44	3.20	3.30	6.50	7.7
			5			B				3.7	1 0 3.65	3.6	4.12			4.60 1 2 4.7 4.5	3.17	3.30		7.
			6	1.1 1.0			7.20	6.90	8.00	4.1	1 0 4.05	4.0	4.25			5.0	3.30	3.27		8.
			7	1.4 1.3			7.10	6.99	8.39	4.3	1 1 4.40	4.5	4.10	4.09	8.49	5.3	3.20	3.20		8.
			8			Off Pl.	.	.		—		—				—	.	.		.
			9	1.4 1.3			7.00	6.99	8.39	4.0	1 1 3.90	3.8	4.50		w.s	5.5	3.30	3.25		8.
			10	2.2 2.1			7.09	7.22	9.42	5.3	65 1 1 1 1 5.40	5.5 5.3	3.89	3.78	9.18	6.25 2 1 6.2 6.5	2.94	2.88		9.2
			11	2.2 2.1			7.16	7.22	9.42	5.9	57 0 2 1 0 59 ~~5.88~~ 5.87	6.0	3.49	3.62	9.49	6.75 0 1 6.8 6.7	2.61	2.73		9.4
			12	2.4 2.3			7.04	7.28	9.68	6.0	0 1 5.95	5.9	3.49	3.60	9.55	7.1	2.34	2.59		9.6
			13	2.4 2.3			7.10	7.28	9.68	6.0	0 0 6.00	6.0	3.50	3.59	9.59	7.1	2.40	2.59		9.6
			14	2.4 2.3			7.47	7.28	9.68	6.2	0 1 6.25	6.3	3.62	3.50	9.75	7.2	2.67	2.55		9.7
			15	2.5 2.4			7.46	7.30	9.80	6.3	0 0 6.30	6.3	3.66	3.49	9.79	7.3	2.66	2.51		9.8
			16	2.6 2.5			7.55	7.32	9.92	6.7	0 0 6.70	6.7	3.45	3.34	10.04	7.5	2.65	2.44		9.9
			17	2.8 2.7			7.26	7.38	10.18	7.0	0 0 7.00	7.0	3.06	3.24	10.24	7.8	2.26	2.33		10.1
			18	3.1 3.0			7.43	7.45	10.55	7.3		tp	3.23	3.17	10.47	8.0	2.53	2.27		10.2
			19	3.2 3.1			7.32	7.48	10.68	7.5	0 0 7.50	7.5	3.02	3.11	10.61	8.3	2.22	2.20		10.5
			20	3.4 3.3			7.43	7.50	10.90	7.7	1 0 7.75	7.8	3.08	3.09	10.84	8.7	2.13	2.13		10.8
			21	3.5 3.4			7.52	7.51	11.01	8.0		tp	3.02	6 3.0~~8~~	11.06	8.9	2.12	2.13		11.0
			22	3.4 3.3			7.65	7.50	10.90	8.0	0 1 8.05	8.1	3.00	3.06	11.11	[illegible]				.
			23	3.7 3.6			7.81	7.51	11.21	8.3	0 0 8.30	8.3	3.21	3.09	11.39	9.0	2.51	2.13		11
			24	3.8 3.7	1 1 3.90	4.0	7.61	7.50	11.40	8.3	1 1 8.40	8.5	3.11	3.10	11.50	tp	.	.		.
4.09	8.49	12.23	25			4.4	7.19	7.44	11.84	8.6	0 1 8.65	8.7	2.94	3.16	11.81	9.5	2.09	2.14		11.6
4.00	0 8.7~~8~~	12.44	26			4.7	7.34	7.40	12.10	8.8	0 1 8.85	8.9	3.19	3.19	12.04					
3.80	9.16	12.84	27			5.3	7.18	7.30	12.60	9.3	1 2 9.15	9.0	3.33	3.25	12.40					
3.91	8.91	12.65	28			5.0	7.48	7.35	12.35	8.9	1 0 8.95	9.0	3.53	3.20	12.15					

January 24, 1919

Dev

P.C. Magn.	MC8250 D9 (cont)	Sec	Diff.	Cu.	Magn.	Computed Magns.		
7.42	29	5.5	7.18	7.28	12.78	3.74	9.24	12.98
7.70	30	5.8	7.39	7.24	13.04	3.65	9.45	13.19
7.51	31	6.1	7.28	7.20	13.30	3.54	9.64	13.38
7.70	32	6.3	7.26	7.17	13.47	3.49	9.79	13.53
7.90	33	6.5	7.10	7.15	13.65	3.40	9.90	13.64
8.27	34	7.0	6.65	7.09	14.09	3.24	10.24	13.98
8.50	35	7.3	7.10	7.05	14.35	3.17	10.47	14.21
.	36	7.8	6.98	7.00	14.80	3.08	10.88	14.62
8.35	37a	8.7	6.80	6.91	15.61	3.16	11.86	15.60
9.23	37b	8.9	7.00	6.90	15.80	3.20	12.10	15.84
9.48	38	9.85 10 9.9 98	7 6.85	6.80	16.65	.	.	.
9.69	36a	8.1	7.00	6.97	15.07	3.07	11.17	14.91
9.69	34a	7.0	7.04	7.09	14.09	3.24	10.24	13.98
9.75								
9.81								
9.94								
10.13								
10.27								
10.50								
10.83								
11.03								
.								
11.13								
.								
11.64								

Copied 37: 2/2

10'.45

Faint stars poor. Large & hazy
Seq. near edge of plate—

January 24. 1919

Sct

11'.50 MC 8364 B3 Long Ex

Computed Magn.				Se 1	Se 2	Diff.	Curve	Magn.	g		h	Diff.	Curve	Magn.	pc		Diff.	Curve	Magn.	
			1		B				tp		tp				Se tp					3.67
			2		B				tp		tp			w.s	3 3.4 4.3		3.73	3.92	7.65	3.62
			3		B				B	:	B				3.4 3.3		4.05	3.92	7.97	3.50
			4		B				B		B				Se 2 3.9		3.89	3.86	7.75	3.40
			5		B				Se 1 3.1 3.0	3.3 3.2 0201 3.12	Se 3.1 3.0 2.9	4.64	4.57	7.69	3.9		3.86	3.86	7.72	3.45
			6		B				Se 2 3.7	00 3.70	Se 2 3.7	4.28	4.35	8.05	4.2		3.78	3.80	8.00 ~~8.58~~	3.20
Computed Magn.			7		B				tp		3.7	4.31	4.35	8.05	4.3	4.40 11 4.5	3.61	3.75	815 ~~7.86~~	3.16
			8		B				4.7	00 4.70	4.7	4.00	4.04	8.74	5.3		3.40	3.50	8.80 ~~6.90~~	.
.			9	1.3 1.2		7.79	7.84	9.14	5.0	00 5.00	5.0	4.09	3.97	8.97	5.5		3.59	3.46	8.96 ~~7.05~~	3.07
.			10	1.65 1.7		7.92	7.90	9.50	5.5	00 5.50	5.5	4.02	3.85	9.35	6.0		3.52	3.29	9.29 ~~6.81~~	3.02
.			11	1.6 1.5 .10		7.96	7.90	9.50	5.9	5.7 02 10 5.90	5.9 6.0	3.66	3.76	9.66	6.5	6.40 11 6.3	3.16	3.11	9.51 ~~6.27~~	.
.			12	1.9 1.85 1.8 1.8 1.7		7.99	7.98	9.83	6.1	00 6.10	6.1	3.74	3.70	9.80	7.0		2.84	2.92	992 ~~7.76~~	.
.			13	2.0 1.9		8.11	7.99	999 ~~8.79~~	6.5	00 6.50	6.5	3.61	3.60	10.10	7.3		2.81	2.81	10 11 ~~5.62~~	4 3.39
.			14	2.1 2.2		8 ~~12~~.11	8.01	10.11	6.7	00 6.70	6.7	3.51	3.54	10.24	7.7		2.51	2.68	1038 ~~5.19~~	4.08
.			15	2.4 2.3		8.05	8.05	10.45	6.9		tp	3.55	3.50	10.40	S cr.					3.20
.			16	2.8 2.7		7.91	8.09	10.89	7.3	00 7.30	7.3	3.41	3.39	10.69	8.1	~~8~~	2.61	2.57	1067 ~~5.18~~	
.			17	2.8 2.7		7.88	8.09	10.89	7.3	00 7.30	7.3	3.38	3.39	10.69	8.1		2.58	2.57	1067 ~~5.15~~	
			18	In cr.					—		—				—					
4.67	7.57	11.31	19	2.9 2.8		8.05	8.09	10.99	7.9	00 7.90	7.9	3.05	3.25	11.15	8.5	8.40 11 8.3	2.55	2.99	1139 ~~5.54~~	
4.57	7.67	11.41	20	3.1 3.0		8.21	8.09	11.19	8.0	01 8.05	8.1	3.26	3.20	11.25	9.0		2.31	2.38	1138 ~~4.69~~	
4.46	7.86	11.60	21	3.4 3.3		8.08	8.68	11.48	8.2	01 8.25	8.3	3.23	3.17	11.42	9.1		2.38	2.37	1147 ~~4.75~~	
4.16	8.46	12.20	22		4.3	7.80	7.87	12.17	tp ~~Ser~~	—	9.1	3.00	3.01	12.11						
3.99	8.89	12.63	23		4.9	7.68	7.69	12.59	S cr											
3.89	9.19	12.93	24		5.3	7.52	7.56	12.86												
3.79	9.59	13.33	25		5.80 11 5.9 5.7	7.27	7.44	13.24												
3.76	9.66	13.40	26		5.9	7.37	7.42	13.32 ~~14.79~~												
3.70	9.80 New crack	13.54	27		6.1	7.32	7.39	13.49 ~~14.71~~												
			28																	

January 24, 1919

ScV

MC 8364 B3 cont

				Sc 2		Diff.	Curve	Mag.	g			h						
3.67	9.97	13.71	29	6.3		7.49	7.37	13.67										
3.62	10.02	13.76	30	6.4		7.44	7.35	13.75										
3.50	10.40	14.14	31	6.9		7.19	7.29	14.19										
3.40	10.70	14.44	32	7.3		7.36	7.25	14.55										
3.45	10.55	14.29	33	7.1		7.32	7.27	14.37										
3.20	11.30	15.04	34	8.1		7.04	7.15	15.25										
3.16	11.46	15.20	35	8.3		7.10	7.12	15.42										
.	.	.	36	n.s		.	-											
3.07	11.87	15.61	37	8.8				ε										
3.02	12.12	15.86	38	9.1 p				ε										
.	.	.	39	9.8? v.f				ε										
.	.	.	7a	B	:				4.4	01 4.45	4.5	4.03	4.12	8.57	4.9	3.58	3.62	8.52
4 3.39	7.99	11.73	21a	3.5	3.60 ii 3.7	8.18	8.05	11.65	8.3		+p	3.48	3.16	11.46	9.0	2.78	2.37	11.37
4.08	8.68	12.42	22a	4.7	4.60 ii 4.5	7.93	7.79	12.39	Ser.			.	.		—			
3.20	11.30	15.04	33a	8.1		.	7.15	15.25										

Copied 37.158

1:00

Plate badly broken - film injured
Images rather poor -

7
January 28, 1919

Sct

11ʰ 15 MC 8366 B 4 Long Ex.

					Sc 1	Sc 2	Diff.	Curve	Magn.	g		h	Diff.	Curve	Magn.	P.C	Diff.	Curve	Magn.	
				1	B					B		B				~~3.3~~ 3.2	4.06	4.08	7.38	4.1
Off Plate				2	B					—		—				—				4.01
				3	B					B	:	B				~~4.4~~ 4.3	3.25	4.09	8.39	3.89
				4	B					~~3.4~~ 3.3	01 3.35	~~3.3~~ 3.2	4.61	4.62	7.97	~~4.0~~ 3.9	4.06	4.00	7.90	3.60
Off Plate				5	B					—		—				—				3.54
				6	B					B		B				~~4.4~~ 4.3	3.98	3.96	8.26	3.43
				7	B					tp		tp				~~5.0~~ 4.9	3.65	3.86	8.76	3.45
				8	B					~~4.4~~ 4.3	00 4.30	~~4.4~~ 4.3	4.69	4.60	8.90	~~5.1~~ 5.0	3.99	3.85 ~~4.00~~	8.85	3.37
				9	B					~~4.4~~ 4.3	00 4.30	~~4.4~~ 4.3	4.65	4.60	8.90	~~5.2~~ 5.1	3.85	3.83	8.93	.
				10	B					~~4.8~~ 4.7	10 4.75	~~4.9~~ 4.8	4.59	4.52	9.27	~~5.6~~ 5.5	3.84	3.76	9.26	.
				11	B					~~5.4~~ 5.3	00 5.30	~~5.4~~ 5.3	4.35	4.35	9.65	~~6.0~~ 5.9	3.75	3.66	9.56	.
				12	B					~~5.8~~ 5.7	00 5.70	~~5.8~~ 5.7	4.20	4.20	9.90	~~6.4~~ 6.3	3.60	3.57	9.87	.
				13	B					~~5.6~~ 5.5	00 5.50	~~5.6~~ 5.5	4.28	4.28	9.78	~~6.4~~ 6.3	3.48	3.57	9.87	
Computed Magn.				14	B					~~6.2~~ 6.1	00 6.10	~~6.2~~ 6.1	4.01	4.04	10.14	~~6.8~~ 6.7	3.41	3.44	10.14	
				15	B					~~6.4~~ 6.3	00 6.30	~~6.4~~ 6.3	4.08	4.09	10.39	~~7.0~~ 6.9	3.48	3.86	10.26	
	4.61	7.61	11.35	16	3.0 2.9		7.62	7.76	10.76	7.1	11 7.20	7.3	3.42	3.68	10.88 w.s	8.1 11 8.20 ~~7.5~~ 8.3	2.42	2.72	10.92	
	4.61	7.81	11.55	17	3.2 3.1		7.82	7.79	10.99	Sup		7.3 ?	3.72	3.66	10.96	8.20 11 8.1 8.3	2.82	2.72	10.92	
	4.61	7.81	11.55	18	3.2 3.1		7.58	7.79	10.99	8.3	00 8.30	8.3	2.48	3.37	11.67	8.3	2.48	2.66	10.96	
	4.61	7.81	11.55	19	3.2 3.1		7.98	7.79	10.99	tp		tp				8.3	2.88	2.66	10.96	
	4.62	8.32	12.06	20	3.7 3.6		8.18	7.85	11.55											
	4.62	8.12	11.86	21	3.5 3.4		7.59	7.83	11.33											
	4.61	8.71	12.45	22		4.1	7.83 ~~8.55~~	7.86	11.96											
	4.60	8.90	12.64	23		4.3	7.96	7.83	12.13											
	4.56	9.06	12.80	24		4.5	7.86	7.81	12.31											
	4.53	9.23	12.97	25		4.7	7.66	7.79	12.49											
	4.49	9.44	13.18	26		02 4.95 5.0	7.78 4.9	7.77	12.72											
	4.28	9.78	13.52	27		5.5	7.78	7.71	13.21											
	4.13	10.83	13.77	28		5.9	7.51	7.68	13.58											

January 2~~5~~7, 1919

Dev

MC 8366 By (cont)

				Sc2	Diff	Cum	Magn	g	h	
4.~~10~~09	10.09	13.83	29	6.0	7.50	7.67	13.67			
4.01	10.21	13.95	30	6.2	7.70	7.65	13.85			
3.89	10.49	14.23	31	6.6	7.70	7.60	14.20			
3.60	11.10	14.84	32	7.5	7.32	7.49	14.99			
3.54	11.24	14.98	33	7.7	7.43	7.96	15.66			
3.43	11.53	15.27	34	8.1	7.32	7.90	16.00			
3.45	11.45	15.19	35	8.0	7.46	7.91	15.91			
3.37	11.67	15.41	36	8.3	7.20	7.86	16.16			
.	.	.	37	8.7	7.40	7.80	16.50			
.	.	.	38	9.1			ε			
.	.	.	39	9.5			ε			
.	.	.	40	9.9? fw			ε			
			9a							~~5.6~~ 5.40 5.5 ~~5.4~~ 1.1 5.3 . 3.78 9.18
			19a							8.8 2.68 2.40 11.20

Copied 37:160

12:00.

Images very poor - primary + diff images badly elongated - ft images especially poor

B Series 721

Sheet no. 186

Copied Bk 52:50

ScV

January 30, 1919

10:00

B52957 Sc 6

			5c2			cu. magn.	g		h			cu. magn.	pc			cu. magn.
1			B	.		.	5.9		tp	0.86	1.00	6.90	7.4	-0.64	-0.78	6.62
2			B	.		.	tp		tp	.	.	v	7.5	-0.62	-0.79	6.71
3	3.6 3.5	3.70 1 ,	3.8	3.81	4.04	7.84	tp	:	6.7	0.81	0.95	7.65	8.0	-0.49	-0.80	7.20
4			3.9	3.66	4.02	7.92	6.7	6.75 1 0	6.8	0.81	0.95	7.70	8.2	-0.~~43~~ .64	-0.80	7.40
5			4.1	3.67	4.00	8.10	6.9		~~tp~~	0.87	0.93	7.83	8.5	-0.73	-0.80	7.70
6			4.3	3.91	3.97	8.27	7.3		tp	0.91	0.90	8.20	9.0	-0.79	-0.82	8.18
9			4.3	4.29	3.97	8.27	7.5	7.50 0 0	7.5	1.09	0.90	8.40	9.2	-0.61	-0.83	8.37
10			4.5	4.40	3.95	8.45	7.9	7.95 2 0	8.0	0.95	0.87	8.82	9.5 9.60 1 9.7	-0.70	-0.87	8.73
12			5.2	4.14	3.89	9.09	8.5		tp	0.84	0.82	9.32				
13			6.0	3.69	3.83	9.83	9.0	8.95 0 1	8.9 tp	0.74	0.80	9.75				
14			6.3	3.76	3.82	10.12	9.1	9.20 1 ,	9.3	0.86	0.79	9.99				
16			6.7	3.82	3.82	10.52	9.7	9.70 0 0	9.7	0.82	0.77	10.47				
17			7.0	3.78	3.81	10.81										
19			7.2	3.73	3.81	11.01										
21			7.5	3.76	3.82	11.32										
22			7.7	3.84	3.82	11.52										
23			8.0	3.83	3.82	11.82										
24			8.1 8.20 1 , 8.3	3.96	3.82	12.02										
25			8.5	3.83	3.82	12.32										
26			8.7	3.98	3.82	12.52										
27			9.0	4.12	3.82	12.82										
28			9.3	3.98	3.83	13.13										
29a			9.5 9.60 1 , 9.7	3.97	3.83	13.43										
14a			6.9	.	3.81	10.71	9.7	9.70 0 0	9.7	,	0.77	10.47				
10a			5.2 5.35 1 5.0		3.71	9.06	7.9	7.95 2 0	8.0	1.11	0.88	8.83	9.8	0.74	-0.88	8.92

B Series 721

Copied Bk 34:84

Del

January 30, 1919

B52958 192K 9 27 – 60

alt-corr -14

	Sc2					g		h				pc		
1	4.0		4.08	4.01	8.01	7.1		long.	1.00	0.92	8.02	8.9	-0.81	8.09
2	4.9		3.93	3.91	8.81	8.0	$8.0^{5}_{0}{}^{1}$	8.1	0.84	0.87	8.92	9.8	-0.88	8.92
3	6.1		3.77	3.83	9.93	9.1	$9.2^{0}_{1}{}^{1}$	9.3	0.62	0.79	9.99			
4	6.3	$6.4^{0}_{1}{}^{1}$ 6.5	3.73	3.82	10.22	9.7	$9.7^{0}_{0}{}^{0}$	9.7		0.78	10.48			
5	6.3	$6.4^{0}_{1}{}^{1}$ 6.5	3.73	3.82	10.22	9.8	$9.8^{0}_{0}{}^{0}$	9.8		0.78	10.58			
6	7.1		3.72	3.81	10.91									
7	7.5		3.71	3.81	11.31									
8	7.5	$7.6^{0}_{1}{}^{1}$ 7.7	3.70	3.82	11.42									
9	7.8		3.70	3.82	11.62									
10	7.5		3.70	3.82	11.32									
11	8.0		3.70	3.82	11.82									
12	8.2		3.70	3.82	12.02									
13	8.3	$8.4^{0}_{1}{}^{1}$ 8.5	3.69	3.82	12.22									
14	8.8		3.68	3.82	12.62									
15	9.0		3.67	3.82	12.80									
16	9.3		3.67	3.82	13.12									
17	9.7	$9.7^{0}_{0}{}^{0}$ 9.7	3.67	3.82	13.52									

B Series 721

Copied Bk. 34 ~~27~~

Del

January 30, 1919

B 52959 126 K 10 17 − 15.1 alt-corr. + .05

	Sc2 B				g		h			pc		
1	.				6.3	6.30 0	6.3	0.98	7.28	8.1	−0.80	7.30
2	4.9		3.91	8.81	7.8	7.80 0	7.8	0.88	8.68	9.5	−0.86	8.64
3	6.1		3.83	9.93	9.3	9.30 0	9.3	0.78	10.08			
4	6.4		3.82	10.22	9.7	9.70 0	9.7	0.77	10.47			
5	6.5		3.82	1032								
6	7.3		3.81	11.11								
7	7.5	7.60 1 7.7	3.82	11.42								
8	7.5		3.82	11.32								
9	8.1		3.82	11.92								
10	8.5		3.82	12.32								
11	9.0		3.82	12.82								
12	9.3	9.40 1 9.5	3.82	13.22								
13	9.8	9.75 0 1 9.7	3.82	13.57								
14												
15												

Copied Bk 44:182

B Series 721

Sev

January 30, 1919

B 52960 RG Carinae 10 33−70 alb cor −23

	Sez			g		h			pc		
a	4.1	4.00	8.10	7.3	$^{7.30}_{0}{}^{0}$	7.3	0.90	8.20	9.1	−0.83	7.27
a′	4.7	3.93	8.63	8.1	$^{8.10}_{0}{}^{0}$	8.1	0.86	8.96	9.8	−0.88 ε	8.92ε
b	5.4	3.88	9.28	8.7		+ p	0.80	9.50			
c	5.5	3.86	9.36	9.0	$^{9.00}_{0}{}^{0}$	9.0	0.80	9.80			
c′	6.1	3.83	9.93	9.8	$^{9.80}_{0}{}^{0}$	9.8	0.78	10.58			
d	7.1	3.81	10.91								
d′	8.2	3.82	12.02								
e	7.4	3.82	11.22								
f	7.5	3.82	11.32								
g	7.9	3.82	11.72								
l	8.7	3.82	12.52								
m	8.9	3.82	12.72								
m′	9.0	3.82	12.82								
n	9.3 $^{9.40}$ 9.5	3.82	13.22								
o	9.7 $^{9.75}_{0}$ 9.8	3.82	13.57								
p	ns										

Copied Ble 44:186

B Series 721

Dev January 30, 1919

alt car -13

B 52961 R X Carinae 10 33 - 61.9 | PC

	Scz		cn	magn	g		h	cn	magn
a	5.8		3.83	9.63	9.0	8.95 ½	8.9	0.80	9.75
b	6.3		3.82	10.12					
c	6.5		3.82	10.32					
d	6.5		3.82	10.32					
e	7.3	7.40 7.5	3.82	11.22					
f	7.8		3.82	11.62					
g	7.9		3.82	11.72					
h	8.3		3.82	12.12					
k	8.7		3.82	12.52					
l	9.0		3.82	12.82					
m	9.5	9.50 9.5	3.82	13.32					
n	9.5	9.60 9.7	3.82	13.42					
o									
p									

Sheet no 186

Copied Bk 52.52

B Series 721

SeV January 30, 1919

B 52962 b7

magn.	cu.		Sez				g		h			PC			
q	.	1	tp		.	.	tp		. tp	.		8.0 ? Very close to another St.		-1.15	6.8$\overset{2}{5}$
q	.	2	tp		.	.	tp		6.5	1.21	7.71	8.5		-0.79	7.71
8.00	4.00	3	4.0		4.11	8.11	7.2	7.15 ○ 1	7.1	0.96	8.11	9.0		-0.89	8.11
7.92	4.02	4	3.9		4.30	8.20	7.3	7.30 ○ ○	7.3	0.90	8.20	9.0		-0.80	8.20
8.54	3.94	5	4.7	4.60 1 4.5	3.96	8.56	7.7	7.70 ○ ○	7.7	0.86	8.56	9.8	9.75 ○ 1 9.7	-1.19	8.56
8.90	3.90	6	5.0		3.94	8.94	8.0	8.05 ○ 1	8.1	0.89	8.94				
9.36	3.86	7	5.5		3.70	9.20	tp	8.40 1 1 8.3	8.5	0.80	9.20				
9.55	3.85	8	5.7		3.90	9.60	tp		8.9	0.70	9.60				
9.74	3.84	9	5.9		3.91	9.81									
10.12	3.82	11	6.3		3.81	10.11									
10.32	3.82	12	6.5		3.86	10.36									
10.52	3.82	13	6.7		3.96	10.66									
11.01	3.81	15	7.2		3.79	10.99									
11.21	3.81	16	7.4		3.83	11.23									
11.52	3.82	17	7.7		3.85	11.55									
11.92	3.82	19	8.1		3.91	12.01									
12.32	3.82	20	8.5		3.76	12.26									
13.12	3.82	21	9.3	9.30 ○ ○ 9.3	3.58	12.88									
13.33	3.83	22	9.5	9.50 ○ ○ 9.5	3.74	13.24									
13.63	3.83	23	9.8	9.80 ○ ○ 9.8	3.60	13.40									
.	.	24	ns		.										

assumed this to be 5

Des	Diff. curve	magn	P.C curve	magn.
1	.	q	-0.80	7.20 ?
2	0.96	7.46	-0.80	7.70
3	0.91	8.06	-0.82	8.18
4	0.91	8.21	-0.82	8.18
5	0.88	8.58	-0.88	8.87
6	0.86	8.91		
7	0.82	9.22		
8	0.80	9.70		

12!

Sheet no. 186

B Series 721 (2nd Pt)

Sev

January 31, 1919

10:05 B52962 Sc 2 D7

	Sc 2		q	g		h			Pc	
1	+p	·	q	+p		+p	·		7.9 ?	-1.05 ?
2	B	·	B	+p		6.5	1.21	7.71	8.5	-0.79
3	B	·	B	7.1	7.1^{0}_{0} 0	7.1	1.01	8.11	9.0	-0.89
4	3.8	4.40	8.20	7.3	7.3^{0}_{0} 0	7.3	0.90	8.20	9.0	-0.80
5	4.5	4.06	8.56	+p	·	7.9	0.66	8.56	9.8 9.75_{0} 1 9.7	-1.19
6	4.9	4.04	8.94	8.1	8.1^{0}_{0} 0	8.1	0.84	8.94		
7	5.4	3.80	9.20	+p		8.3	0.90	9.20		
8	5.7	3.90	9.60	+p		8.9	0.70	9.60		
9	5.9	3.91	9.81	+p		9.2	0.61	9.81		
11	6.3	3.81	10.11	7			·	7		
12	6.5	3.86	10.36							
13	6.9	3.76	10.66							
15	7.3	3.69	10.99							
16	7.5	3.73	11.23							
17	7.8	3.76	11.56							
19	8.0	4.01	12.01							
20	8.3	3.96	12.26							
21	9.3 9.20_{1} 1 9.1	3.68	12.88							
22	9.5	3.74	13.24							
23	9.7	3.70	13.40							

Copied Bk 44:200

B Series 721 (2nd pt)

DeV

January 31, 1919

B 52963 S U Centauri 11 07 - 47.5 alt cor -0.1

			Sc 2			g		h			pc		
A	3.5 3.4	3.50		.		7.3	7.30 0 0	7.3	0.96	8.26	8.8	-0.98	7.82
B			4.5	4.00	8.50	8.1	8.20 1 1	8.3	0.82	9.02	n.s		.
a			5.0	3.92	8.92	8.5	8.50 0 0	8.5	0.76	9.26			
b			5.2	3.89	9.09	8.7	8.70 0 0	8.7	0.72	9.42			
c			5.5	3.85	9.35	9.1	9.15 1 0	9.2	0.63	9.78			
d			6.1 5.9 6.00 1 1	3.78	9.78	9.7	9.70 0 0	9.7	.	.			
e			6.5	3.73	10.23								
f			7.1	3.73	10.83								
g			7.5	3.70	11.20								
h			8.1	3.70	11.80								
k			8.3	3.69	11.99								
l			8.5 8.7 8.60 1 1	3.68	12.28								
m			9.5	3.66	13.16								
n			9.8	3.66	13.46								
o			7		7								

B Series 721 (2nd pt)

Copied Bk 27: 138

Dev

January 31, 1919

B 52964 E 5

alt cor .00

			Sec2				g		h			pc				
1			B		.		4p		+p	.	.	7.9	7.95 1 0	8.0	-0.98	6.97
2			B		.		5.5		+p	.	.	7.9	7.85 1	7.8	-0.98	6.87
3			B		.		+p :		+p	.	.	8.3	8.20 1 1	8.1 elong	-0.98	7.22
4			B		.		+p		6.3	.	.	8.2	8.25 0 1	8.3	-0.98	7.27
5			B		.		+p		6.7	1.08	7.78 ~~5.62~~	8.5	8.60 1 1	8.7	-0.98	7.62
6	3.8 3.7	3.85 0 1	3.9		4.10	7.95	7.1		+p	1.00	8.10 ~~6.10~~	9.0	9.00 0	9.0	-0.98	8.02
7	4.1 4.0	4.15 1 0	4.2		4.05	8.20	7.3	7.40 1 1	7.5	0.95	8.35 ~~6.45~~	9.0	9.10 1 1	9.2	-0.98	8.12
8			4.5		4.00	8.50	7.7	7.75 1 0	7.8	0.90	8.65 ~~6.85~~	defective		.		q
9			4.5	4.60 1 1 4.7	3.98	8.58	8.0	8.05 0 1	8.1	0.84	8.89 ~~7.21~~	7		.		F
10			5.1	5.00 1 1 4.9	3.92	8.92	8.5	8.50 0 0	8.5	0.76	9.26 ~~7.74~~					
11			5.5		3.84	9.34	9.3	9.30 0 0	9.3	0.61	9.91 ~~8.69~~					
12			5.9		3.80	9.70	9.8	9.85 0 1	9.9	.	.					
13			5.9		3.80	9.70	9.8		F	.	.					
14			6.2		3.76	9.96										
15			6.3		3.75	10.05										
16			6.5		3.73	10.23										
17			6.9		3.73	10.63										
18			6.7		3.73	10.43										
19			7.0		3.72	10.72										
20			7.5	7.40 1 1 7.3	3.72	11.12										
21			7.5		3.70	11.20										
22			7.7		3.70	11.40										
23			8.3		3.69	11.99										
24			8.5		3.69	12.19										
25			8.9	9.00 1 1 9.1	3.67	12.67										
26			9.7	9.60 1 1 9.5	3.66	13.26										
27			9.8	~~9.0~~	3.66	13.46										
28			F			7										

Images not circular

B Series 721 (2nd pl.)

Copied Bk44:204

ScV

B 52965 SV Centauri 11 44-60

alt cor -09

	Sc2			g	h			pc		
a	4.6	3.98	8.58	tp	tp	·	q	9.3	-0.98	8.72 3
b	5.0	3.92	8.92	tp	7.9	8.0.87	8.77	9.8	-0.99	8.81
c	5.2	3.90	9.10	sup	8.0	0.85	8.85	9.8	-0.99	8.81
d	5.5	3.85	9.35	8.5-8.60 1 1	8.7	0.73	9.33			
e	5.7	3.82	9.52	8.9 8.90 0 0	8.9	0.70	9.60			
f	5.7	3.82	9.52	9.1 9.10 0 0	9.1	0.65	9.75			
g	5.9	3.80	9.70	9.1 9.10 0 0	9.1	0.65	9.75			
h	6.1	3.77	9.87	9.3 9.40 1 1	9.5	0.60	10.00			
K	6.2	3.76	9.96	9.5	tp	0.58 ε	10.08ε			
l	6.5	3.73	10.23							
m	7.0	3.73	10.73							
n	7.3	3.72	11.02							
o	7.5	3.70	11.20							
p	7.8 7.90 1 1 8.0	3.70	11.60							
q	8.4	3.69	12.09							
r	8.9 8.80 1 1 8.7	3.68	12.48							
s	9.3 9.40 1 1 9.5	3.67	13.07							
t	9.8	3.66	13.46							

12.00

B Series 721 (2nd Pl-)

Copied Ble 45:212

Se Y

January 31, 1919

B 52966 Pole

alt cor -.92

	Se 2			g	h			PC		
a	B	.	B	5.1 $5.2^{0}_{1}\,1$	5.3	.	.	7.2	.	.
b	B	.	B	t/r	5.9	.	.	7.9	-0.98	6.92
c	B	.	B	6.5 :	t/r	1.12	7.62	8.1	-0.98	7.12
d	3.9	4.11	8.01	7.1	t/r	1.00	8.10	8.8	-0.98	7.82
e	3.9	4.11	8.01	7.1	t/r	1.00	8.10	8.9	-0.98	7.92
e'	4.7	3.96	8.66	7.9	t/r	0.87	8.77	9.8	-0.99	8.81
f	4.5	4.00	8.50	7.7 7.7^{0}_{0}	7.7 clong	0.90q	8.60q	9.7	-0.98	8.72
g	4.7	3.96	8.66	7.9 7.9^{0}_{0}	7.9	0.87	8.77	9.8	-0.98	8.82
h	4.9	3.93	8.83	8.5 8.6^{0}_{1}	8.7	0.73	9.33			
k	5.5	3.85	9.35	9.0 9.0^{0}_{0}	9.0	0.68	9.68			
l	6.1	3.77	9.87							
l'	6.1	3.77	9.87							
m	6.3	3.75	10.05							
n	6.5	3.74	10.24							
n'	6.7	3.73	10.43							
o	7.1 $^{7.0^{0}_{1}}$½ 6.9	3.73	10.73							
p	7.5 $^{7.4^{9}}$½ 7.3	3.72	11.12							
q	7.5	3.70	11.20							
r	7.7 $^{7.6^{0}_{1}}$½ 7.5	3.70	11.30							
s	8.0 $^{7.9^{0}_{1}}$½ 7.8	3.70	11.60							
t	7.7	3.70	11.40							
u	8.1	3.70	11.80							
w	8.3 $^{8.4^{9}_{1}}$½ 8.5	3.69	12.09							
x	9.0	3.66	12.66							
y	9.2	3.67	12.87							
z	9.5	3.66	13.16							
α	9.7	3.66	13.36							
β	9.9	3.66	13.56							

Copied Bk 45: 6

B Series 721 (2nd Pt)

Sc V

January 31, 1919

B52967 U Crucis 12 28 - 57.1 alt cor -.05

		Sc				g		h			pc			
e ~~a~~		4.9	5.0 0 1 1 5.1	3.92	8.92	8.3	8.4 0 1 1	8.5	0.78	.18 ~~9.62~~	9.8		-0.98	8.82
b		4.3		4.02	8.32	6.7		tp	1.08	7.78	9.0	8.95 0 1 8.9	-0.98	7.97
c		4.5		4.00	8.50	7.3		tp	0.97	8.27	9.3		-0.97	8.33
d	ww	5 ~~6.2~~	5.1 0 1 1 5.0	3.90	9.00	8.1	8.2 0 1 1 8.3	tp	0.82	9.02	-			.
a		B		.		6.0	6.0 0 0 0	6.0	.	.	8.0		-0.98	7.02
f		5.5		3.85	9.35	tp		tp	.	q				
g		5.7		3.81	9.51									
h		6.1		3.76	9.86									
k		6.4		3.73	10.13									
l		7.1	7.2 0 1 1 7.3	3.72	10.92									
m		7.7		3.70	11.40									
n		8.5		3.69	12.19									
o		n.s		.	.									
p		9.5		3.66	13.16									

Images very poor - not circular -
Br images large - dense - ft images hazy -

B Series 721 (2nd Pl—)

Del

January 31, 1919

B52968 b7

			g	h			
1	B	·	+p	+p	·	7.8	−0.95
2	+p	·	+p	+p	·	8.7 ?	−0.99 ?
3	+p	·	+p :	+p	·	9.1	−0.99
4	4.3	3.90	7.3 7.30	7.3	0.90	Scr.	·
5	4.9	3.66	+p	7.9	0.66	9.8	−1.24
6	5.1	3.84	+p	+p	·		
7	5.5 5.60 5.7	3.60	+p	81	1.10		
8	6.0 5.98 5.9	3.65	7		·		
9	6.1	3.71					
11	6.7	3.41					
12	6.7 6.80 6.9	3.56					
13	7.1	3.56					
15	7.3	3.69					
16	7.5	3.73					
17	7.8	3.76					
19	8.3 8.20 8.1	3.81					
20	8.7 8.60 8.5 ws ~~7.7~~ 9.50	3.66					
21	9.8 9.7 ws ~~8.7~~	3.13					
22	9.8	3.44					
23							
24							

Images poor. diff images elong—

1 : 10

Measures for Corr. for distance in corners

DcV

Feb 5, 1919

Sequence 301 -- in Centre

9:50 MC 14841 Yellow Rich Scut

	Sc 1	Sc 2	g	h	PC
301		B	7.3 7.1	7.3 7.3	8.5
301a	3.3		9.5	9.7	
301f	3.5		9.8	7	
301c	4.0	4.1			
302		5.3			
303		4.5			
303a		5.6			
No number 303 b ~~303f~~		-			
304		6.7			
305		6.5			
306		8.0			
306a		7.5			
307		9.0			
308		9.8			
309		n.s			

over

Corr for
Measures for ^ distance in corners

Sc V February 5, 1919

~~A.5~~ MC 14841 (cont)

Principal Seq. Near edge

		Sc1	Sc2	g	h	pc
Principal Seq Near	1		B	4.7	4.9	6.3 6.5
	2		B	8.5	8.3	n.s
	2a	3.0		9.0 :	9.0	
near edge	2b	3.1 3.3		n.s	n.s	
	3	4.1	4.2 4.3			
	3a		4.3			
	4		4.9			
	5		5.5			
	6		6.3			
	7		7.1			
	7a		7.5			
	7b		8.0			
	8		5.5			
	9		6.3			
	10		8.3			
	11		8.5			
	12		9.3			
	13		9.8 9.7			

10:20

Measures for Corr for distance in Corners
February 5, 1919

DeV

10h.35 MC 14842 Yellow

	Se 2	
401	4.2	
402	4.3	
402a	5.0	
403	5.7	5.5
404	5.5	
405	7.8	
406	6.1	
406a	7.0	
407	8.9	
408	9.5	
409	n.s	
410	8.9	
411	9.8	
412	n.s	

over

Measures for Corr. for distance in corners

Sc V February 5, 1919

MC14842 (Cont)

		Sc2	g	h	pc
Principal Seq 1		B	4.3	4.3	6.2
2		B	7.9	8.0	9.5 9.7
2a	2.9		8.3 :	8.5	
2b	3.3 3.1		9.7 9.5	9.8 9.5	
3	3.5	3.8			
3a		4.3			
4		4.5			
5		5.4			
6		5.9			
7		6.5			
7a		7.1 6.9			
7b		7.5			
8		5.0			
9		5.5			
10		7.5 7.7			
11		8.0 8.1			
12		9.7			
13		7+			

11', 10

Measures for Cor for distance in corners

DeV February 5, 1919

11 30 MC 14843 Yellow

		Sc 2	g	h	pc
201		B	4.3	4.3	6.1
201a	3.1 2.9		8.0	8.1	
202	3.1		8.1	8.3	
202a	4.1	4.3	7		
203		4.9			
203a		5.5			
204		6.2			
205		6.3			
206		7.5			
207		6.1			
208		9.0			
208a	w.s	7.7 ~~9.3 9.5~~			
208b		9.3			
208c		9.7			

over

Measures for corr. for distance in corners

Sc V

February 5, 1919

MC 14843 (cont)

		Sc 2	g	h	pc
Off plate –	1	–	–	–	'
Near edge	2	B	+p	+p	'
	2a 3.0		8.7 :	8.7	9.7 ?
" "	2b 3.3 ?		9.3 ?	+p	
	3	4.1	n.s		
	4 ~~3a~~	4.6 4.5			
	3a ~~4~~	4.3			
	5	5.5			
	6	6.1			
	7	6.5			
	7a	7.1			
	7b	7.5			
	8	5.3			
	9	5.7			
	10	8.0			
	11	8.3			
	12	8.9			
	13	9.5			

Images two near edge of plate.

12.5

Measures for corr for distance in corners

Day Feb 6, 1919

10 –	Mc 14844 Sc 2		Yellow	g	h	
	101	B		6.7	69	8.2
	102	B		7.9	8.0	9.3 9.5
	103	4.0		9.4	9.8	
	104	4.7				
	104a	5.4				
	104b	5.7				
	105	6.5				
	106	7.8				
	107	9.0				
	108	9.2				
	109	7.9				
	110	9.7	9.5			
	111	9.8				
	105a	6.9	6.8			

over

Measures for corr for distance in corners

ScV February 6, 1919

MC 14844 (cont.)

			Sc 2 B	g	h	pc
Off Plate	1		B	8.1	8.3	9.2
	2			n.s		
	2a	$\overset{3.1}{3.0}$		8.3 :	8.5	n.s
	2b	$\overset{3.3}{3.2}$		9.0	9.1	
	3		3.9			
	3a		w.s $\overset{1}{4.\cancel{5}}$			
	4		4.5			
	5		5.5			
	6		6.0			
	7		6.5			
	7a		7.2 7.0			
	7b		7.7			
	8		4.7			
	9		5.6			
	10		7.8			
	11		8.2			
	12		9.0			
	13		9.3 9.5			

10! 30

Measures for corr for distance in corners

Del

February 7, 1919

a 2
Sq. 303 in Centre

11:20 MC 14829

	Sez	Corr	Magn.	g		h	Corr	Magn.	PC
301	4.5	5.37	9.87	8.9	8.95	9.0	0.90	9.85	
302	4.9	5.30	10.20	9.1	9.20	9.3	0.78	9.98	
303	5.5	5.20	10.70	9.8		7	0.51	10.31	
304	5.5	5.20	10.70						
305	6.1	5.09	11.19						
306	6.4	5.02	11.42						
307	6.2	5.07	11.27						
308	6.5	4.99	11.49						
309	6.8	4.91	11.71						
310	7.5	4.63	12.13						
311	8.3	4.35	12.65						
312	8.9	.	.						
313	9.3	.							
314	9.8	.							
315	ns								

over.

Measures for corr for distance in corners

DeV February 7, 1919 A2 Seq. near edge

MC 14829 (cont.)

		Se1	Se2	Diff	g		h	Diff	Pc	Diff
Principal Seq	1		B	.	4.7	4.70	4.7	2.29	6.3	0.69
	6a		B	.	6.7	6.70	6.7	~~56~~	8.1	.
near edge	8b	$\overset{3.4}{3.3}$		.	7.7	7.7	7.5	1.45	9.0	0.15
	9	$\overset{3.5}{3.4}$	s	$5.\overset{6}{7}5$	7.5	7.50	7.5	1.65	9.0	0.15
Near edge	10		+p	.	7.5	7.60	7.7	1.64	9.0 ?	0.24 ?
	12		4.6	5.32	9.1	9.20	9.3	0.72		
	13		5.1	5.19	9.5	9.60	9.7	0.69		
	14		5.3	5.09	F					
	15		5.5	5.14						
	16		5.5	5.25						
	17		5.7	5.12						
	17a		6.5	5.02						
	15a		6.8	:						
	18		$\overset{6.40}{6.3}$ 6.5	5.28						
	19		$\overset{7.20}{7.3}$ 7.1	4.83						
	20		$\overset{6.80}{6.7}$ 6.9	5.01						
	21		7.5	4.62						
	21a		7.8	4.30						
	22		8.1	4.58						
	24b		7.9	.						

11:56

Measures for corr for distance in corners

ScV

February 7, 1919 Seq. 401 in centre

12h10 MC 14830

	Sc1	Sc2	g	h	pc
401	2.9 3.0		6.9 6.95	7.0	8.0 8.05 8.1
402	3.5 3.6		7.8 7.85	7.9	9.1
403	3.9 4.0 4.05	4.1	8.3 8.40	8.5	F
404		4.9	9.0 9.10	9.2	
405		5.5			
406		5.8			
407		6.3			
408		6.5			
409		7.1			
410		7.5 7.40 7.3			
411		7.5			
412		8.1			
413		8.3 8.40 8.5			
414		9.3			
415		9.5			
416		9.8			

over

Measures for corr for distance in corners

Dct

February 7, 1919

Seq. a 2 in Corner

MC 14830 (Cont.)

		Sc 1	Sc 2	Diff.	g		h	Diff.		pc	Diff.
Prim Seq	1		B		4.9	4.90	4.9 ?	2.09	w.s	~~6.7~~ 6.5	0.69
	2		B		5.4	5.35	5.3	1.91		6.7 6.60 6.5	0.66
	3		B		5.1	5.10	5.1	2.34 .		6.9	0.54
	6a		B		6.3	6.40	6.5	.		7.8	.
	7a		B		7.1	7.10	7.1	1.36		8.2	+0.26
	8a		B		7.7	7.70	7.7	1.18		9.0 8.90 8.8	-0.02
	8b		B		7.8	7.85	7.9	1.30		9.1	+0.05
	9		B		7.7	7.70	7.7	1.45		8.9	0.25
	10	3.5 3.6	3.73 3.9 3.7	5.51	7.8	7.85	7.9	1.39		9.0	0.24
	11		4.2	5.68	8.9		tp	0.98			
	12		5.0	4.92	9.3	9.30	9.3	0.62			
	13		5.3	4.99	9.5	9.60	9.7	0.69			
	14		5.5	4.89	9.7	9.70	9.7	0.59			
	15		6.0 5.85 5.7	4.79							
	15a		6.8	.							
	16		6.1	4.65							
	17		6.1	4.72							
	17a		6.8	4.72							
	18		7.1	4.58							
	19		7.5	4.53							
	20		7.2	4.61							
	21a		7.5 7.60 7.7	4.50							
	22		8.0	4.68							
	24b		7.9	.							

12:55

Measures for corr for distance in corners

DeV February 10, 1919 Seg 101 in centre

12:10 MC 14831

			Sc2		g		h	pc
101			B		6.5	6.50	65	7.7
102	$3.3^{3.4}$				7.7	7.70	7.7	9.0
103	$3.7^{3.8}$	3.80	3.8		7.9	7.95	8.0	9.5
104	$3.0^{3.1}$		~~B~~		7.5	7.50	7.5	8.8
105			4.5		9.0	9.05	9.1	7
106			4.5		9.0	9.00	9.0	
107			6.1		7			
108			6.1					
109			6.3					
110			6.5					
111			6.5					
112			7.1	7.3				
113			7.7					
114			8.1					
115			8.8					
116			9.1					
117			9.9					

over

Measures for corr for distance in Corners

Dc V

February 10, 1919 Seq. a2 in Corner

MC 14831 cont

		Se1	Se2	Diff	g		h	Diff	PC	Diff
Prim Seq	1		B		4.5	4.50	4.5	2.49	6.5	0.49
	2		B		5.2	5.20	5.2	2.06	6.5	0.76
	3		B		5.5	5.40	5.3	2.04	6.8	0.64
	6a		B		+/		+/	.	7.7	.
	7a		B		7.0	7.05	7.1	1.41	8.3	0.16
	8a		B		7.5	7.60	7.7	1.28	8.85 8.9 8.8	0.03
	8b		B		7.7	7.70	7.7	1.45	9.1	0.05
	9	3.6 3.5		5.55	7.7	7.70	7.7	1.45	9.0	0.15
	10	3.6 3.5		5.64	8.1	8.10	8.1	1.14	9.20 9.3 9.1	0.04
	11	4.2 4.1 4.25	4.3	5.63	8.9	8.95	9.0	0.93		
	12		4.9	5.02	9.2	9.25	9.3	0.67		
	13		4.9	5.39	9.5	9.60	9.7	0.69		
	14		5.3	5.09	98		7	0.59		
	15		5.6	5.04						
	15a		6.7	.						
	16		5.7	5.05						
	17		5.9	4.92						
	17a		6.5	5.02						
	18		6.9	4.78						
	19		7.2	4.83						
	20		7.1	4.71						
	21a		7.5	4.60						
	22		7.9	4.78						
	24b		8.0	.						

11:00

Measures for corr for distance in corners

SeV February 11, 1919 Seq. 201 in centre

10;00 MC 14832

		Se 2	g		h	pc
201	$3.4^{3.5}$		7.7	7.70	7.7	9.1
202	$3.5^{3.6}$		8.0	7.95	7.9	9.3
203		5.0	9.3	9.40	9.5	n.s
204		4.5	8.8	8.85	8.9	
205		5.5	9.8		F	
206		6.1				
207		6.3				
208		6.7				
209		6.8				
210		7.2				
211		7.2				
212		8.3				
212a		8.5				
213		9.5				
213a		9.7				
214		9.9				
214a		n.s				
215		n.s				
~~201a~~						
2$\overset{1}{0}$4a		4.2	8.5	8.50	8.5	

Measures for corr for distance in corners

Sc V

February 11, 1919

Seq. A2 in corner

MC14832 cont-

				Sc 2 B	Diff.	g		h	Diff.	PC	Diff.
Principal Seq	1					5.2	5.15	5.1	1.84	6.7	0.29
	6a	$\overset{3.3}{3.2}$			.	7.0	6.95	6.9	.	8.1	.
	9	$\overset{3.8}{3.7}$	3.80	3.8	5.35	8.1	8.15	8.2	1.00	9.8	−0.65
	12			4.7	5.22						
	13			5.5	4.79						
	14			5.3	5.09						
	15			5.7	4.94						
	15a			7.1	.						
	16			5.5	5.25						
	17			6.1	4.72						
	17a			7.3	4.22						
	18			$\overset{7.20}{7.1\ 7.3}$	4.48						
	19			7.9	4.13						
	20			7.5	4.31						
	21			8.0	4.12						
	21a			$\overset{8.40}{8.5\ 8.3}$	3.70						
	22			8.5	4.18						
	24b			8.7	.						

10'38

Measures for corr for distance in corners

February 11, 1919

ScV

11:20 MC 14835 Yellow (Near Scut)

Seq. 301 in centre

		Sc2		g	h	PC
	301	4.3				
	302 3.1					
	303	4.3				
	303a	5.4				
	303f	6.0				
	304	6.5				
	305	7.9				
	306	8.8				
	307	9.7	9.7			
	308	n.S				
Prim. Seq. in Green						
Prim Seq	2	B		6.1	6.2	7.8 7.9
	2a	B		7.9	7.7	9.0 9.1
	4	4.3				
	5	4.3				
	7	6.7				
	8	7.5	7.7			
	9	8.0				
	10	7.9				
	11	7.3				
	6	5.9				
	12	9.8?				
	13	8.7				11:40
	12a	9.2				
	14	n.S				

Measures for corr for distance in corners

Dev February 11, 1919

11h 50 MC 14836 Yellow (Near Scut)

				g	h	pc
Seq 400 in centre						
	401		B	9.0	9.0	
	402	3.3		n.s		
	403		5.5			
	404		5.5			
	405		6.5 6.7			
	406		6.0			
	407		6.5			
	408		8.2			
	409		8.3			
	410		9.7			
	411		9.9			
In corner Prim Seq	1		B	5.5	5.3	6.8 7.0
	2		B	6.3	6.3	7.7
	3		Scr	Scr		Scr.
	2a		B	7.5	7.5	9.0
	4	4.0	4.2			
	5		4.1			
	6		5.8			
	7		6.5			
	8		7.5			
	9		7.9			
	10		7.7			12h 20
near def.	11		7.0?			
	12		9.7			
	13		8.5			
	13a		9.0			
	14a		9.8			

Measures for corr for distance in corners

ScY

February 11, 1919

12:30 MC 14837 Yellow

In centre	Se 2		g	h	
201	4.6				
202	5.5				
203	5.5				
.204	4.9				
205	6.7	6.9			
206	5.3				
207	8.2				
208	9.3				
209	9.8				

In Corner

Prim Seq					pc
2	B		6.2	6.3	7.7
2a	B		7.5	7.7	8.9
4	4.3		n.s		
5	4.1				
6	5.7				
7	6.5				
8	7.5				
9	7.7	7.9			
10	7.7				
11	6.9				
12	9.5				
12a	8.9				
13	8.5				12:50
14a	9.9?				

Measures for corr for distance in corners
February 11, 1919

Set

1130 MC 14838 Yellow

Seq 101 in centre

			Sc2		g	h	pc
	101		3.9				
	102		5.5				
	103		5.5				
	104		5.7				
	105		6.7				
	106		6.1				
	107		7.0				
	108		9.0	8.9			
	109		9.2				
	110		7.7				
	111		8.9				
	112		F?				
In Corner Prim Seq	2		B		6.2	6.2	7.5 7.7
	1 ~~2~~		B		5.5	5.5	7.2
	2a		B		7.8	7.8	9.0
	3	3.1			9.2	9.3	n.s ~~9.3~~
	4		4.3				
	5		4.3				
	6		5.9				
	7		6.5				
	8		7.7				
	9		8.1				
	10		8.0				
	11		6.9				
	12		9.7				
	12a		9.1				
	13		8.7				
	14a		9.9				

2:00

Measures for Corr for distance in corners

SeV February 12, 1919 Seq 300 in Centre

10:10 MC14863 Rich Scut

	Sc 1	Sc 2	g	h	pc
301		B	4.3	4.3	5.5
301a	3.4		7.5	7.7	8.9
301b	3.3		7.5	7.7	9.0
301c	4.1	4.1	8.3	Sup	9.7
302	3.2		7.2	7.3	8.7
303	2.9		6.9	6.9	8.2
303a	3.3		7.9	8.0	8.8
304		4.2	8.5	8.5	Sup.
305		4.4	8.9	8.9	
306		5.2	9.8	7	
306a		5.5			
307		5.5			
308		6.1			
309		6.3			
309a		6.7			
310		7.1			
311		7.2			
312		7.7			
313		8.5			
314		8.7 8.9			

over

Measures for corr for distance in corners

Sc V . ~~February~~ 12, ~~1919~~ Principal Seq. in Corner

MC 14863 cont

		Sc 1	Sc 2	Diff	g	h	Diff	PC
Prin Seq-	1		B		3.5	+p	2.66	5.0
	2		B		4.7 4.70	4.7	2.07	6.1
	3		B		6.0 6.05	6.1	1.91	7.3
	4		B		6.9 6.80	6.7	1.56	7.9
	5	3.3 3.4		5.43	7.7 7.70	7.7	3	8.7
	6	3.5 3.6		5.63	8.0 8.10	8.2		9.3 9.20 9.1
	7	3.9 4.0 4.05	4.1	5.32	8.3 8.40	8.5		9.5
	7a		4.5	5.31	9.0 9.00	9.0		9.9? ft.
	7b		5.0 5.10 5.2	5.20	9.8 9.80	9.8		
	8		4.2	5.37	8.5 8.60	8.7		9.3? near br. st.
	9		4.3	5.55	8.9	+p		
	10		5.5	5.27	F			
	11		5.8	4.78				
	12		5.9	4.87				
	13		6.0	5.08				
	14		6.3	5.21				
	15		6.5	5.14				
	16		7.1	5.02				
	17		7.3	4.87				
	18		7.7 7.60 7.5	4.93				
	19		8.1	4.67				
	20		8.5	4.43				
	21		9.1	4.31				
	22		9.5	4.34				
	2a		B		6.5 6.50	6.5		8.0

Measures for corr for distance in corners

SeV. February 12, 1919 Seq 400 in centre

MC 14864 Rich Scut

	Sc 1	Sc 2	g		h	PC
401	$3.2^{3.3}$		7.5	7.60	7.7	8.9
402	$\overset{3.6}{3.5}$		8.1	8.20	8.3	$\overset{9.60}{9.5}$ 9.7
403		3.9	8.7	8.70	8.7	9.9
404		4.0	8.9	8.90	8.9	
405		5.3	9.9		F	
406		5.9				
407		6.3				
408		6.9				
409		7.0				
410		7.5				
411		8.1				
412		8.9				
413		$\overset{9.60}{9.5}$ 9.7				
414		F				

over

Measures for Con for distance in corners
February 12, 1919

Set

Principal Sequence in Corner

MC 14864 (cont)

		Sc1	Sc2	g		h	Pc
Prin Seq	1		B	3.4	3.35	3.3	5.0
	2		B	4.7	4.70	4.7	6.2
	2a		B	6.5	6.40	6.3	8.0
	3		B	5.9	6.00	6.1	7.5
	4		B	6.7	6.70	6.7	7.9
	5	3.2 3.3		7.7	7.75	7.8	8.7
	6	3.5 3.6		8.1		f/p	9.0
	7	3.8 3.9 4.00	4.1	8.5	8.50	8.5	9.7 9.70 9.7
	7a		4.4	8.9	8.95	9.0	F
	7b		5.0	F			
	8		4.1	f/p		8.7	
	9		4.3	9.0	9.00	9.0	
	10		5.4				
	11		5.5				
	12		5.9				
	13		6.0				
	14		6.3				
	15		6.5				
	16		7.0				
	17		7.3				
	18		7.7				
	19		8.1				
	20		8.3				
	21		9.1				
	22		9.5				

11:55

Measures for corr for distance in corners

IcV February 12, 1919 Sq. 201 in centre

12ʰ.05 MC 14865 Rich Sert.

		g	h	pc
201	ω.5 $\overset{\text{Se 2}}{\text{B}}$ ~~5.3~~	3.7 3.70	3.7	5.2
201a	B	5.5 5.50	5.5	7.1
202	B	6.0 6.00	6.0	7.5
202a $\overset{3.3}{3.2}$		7.3 7.30	7.3	8.5
203 $\overset{3.6}{3.5}$		7.7 7.70	7.7	9.0
208a	5.5 $\overset{5.60}{5.7}$			
204	4.7	8.8 8.90	9.0	F
205	5.0	9.1	Ser	
206	$\overset{5.35}{5.2}$ 5.5	F		
207	5.9			
208	6.5			
203a	4.5	8.9 8.90	8.9	9.8
209	7.5			
210	7.7			
211	8.0			
212	$\overset{8.60}{8.7}$ 8.5			
213	9.3			
214	9.8			
208b	7.9			
208a	8.3			

over

Measures for corr for distance in corners
February 12, 1919 Principal Seq. in Corners

Del

Prin Seq MC 14865 (cont)

Off PL-1	Sc 1		Sc 2	g		h	PC
2			B	+p		+p	6.9 ?
2a			B	7.3		+p	8.7
3			B	6.5	6.50	6.5	8.1
4			B	7.3	7.30	7.3	8.7
5	3.5$^{3.6}$	3.6	3.7	8.0		+p	9.1
6			4.1	+p		8.7	9.3$^{9.40}$ 9.5
7			4.6	9.1	9.20	9.3	F
7a			5.3				
7b			5.7				
8			4.3$^{4.40}$ 4.5	9.1	9.20	9.3	
9			4.8				
10			5.9$^{5.80}$ 5.7				
11			5.9				
12			6.2				
13			6.3				
14			6.7$^{6.80}$ 6.9				
15			7.1				
16			7.8$^{7.75}$ 7.7				
17			7.9				
18			8.2				
19			8.7				
20			9.0				
21			9.7				
22			F				

Images poor. 12:50

Measures for corr. for distance in corners

Scut. February 12, 1919 Seq. 108 in centre

11.30 MC 14866 Rich Scut.

	Sc 1	Sc 2	g		h	PC
101		B	5.1	5.10	5.1	6.3
102		B	6.5	6.50	6.5	7.9
103	3.4 3.3		8.0	8.00	8.0	9.3
104		3.9	8.8	8.80	8.8	F
104a		5.3	9.8	9.85	9.9	
104b		5.3	7:		9.8	
105		5.5				
105a		5.5				
106		6.5				
107		7.3				
108		7.5				
109		8.0				
110		8.60 8.5 8.7				
111		8.9				
112		9.7				
113		9.5				

Measures for corr for distance in corners
February 12, 1919

ScV

MC 14866 (cont)

	Sc1	Sc2		g	h	pc
1		off pl		-	-	~~7.3~~
2		B		t/p	t/p	7.3
2a	3.2 3.3			7.5 7.50	7.5	8.8
3		B	wr u.	~~7~~6.7 6.70	~~7~~6.7	8.1
4	3.3 3.4			7.7 7.70	7.7	8.8
5	3.8 3.9 3.90	39		8.3	t/p	9.0 9.05 9.1
6		4.3		8.7 8.70	8.7	9.3
7		4.7		t/p	9.1	9.8?
7a		5.1			...	
7b		5.7				
8		4.9		9.5	t/p	
9		5.2				
10		6.0				
11		6.1				
12		6.3				
13		6.5				
14		7.1				
15		7.5				
16		8.0				
17		8.1 8.20 8.3				
18		8.5				
19		9.0				
20		9.3 9.40 9.5				
21		ns				
22		ns				2'.10

Images poor. not circular

MC Series 931

Se V

February 13, 1919

Blue

11;00 MC 14944 Rich Sent.

	Se 1		Se 2	mc 14949	Mean	Diff.	g	mean	h	mc 14949	mean	Diff.	P	C mc 14949	mean	Diff.
1			B				3.4	3.40	3.4	3.30	3.35$^{05\ 05}$	2.81	5.1	4.7	4.90$^{2\ 2}$	1.26
2			B				4.7	4.70	4.7	4.70	4.70$^{00\ 00}$	2.07	6.2	6.0	6.10$^{1\ 1}$	0.67
2a								6.75		6.70	6.72$^{03\ 02}$	1.51	8.1	8.1	8.10$^{0\ 0}$	0.13
3			B				6.3	6.20	6.1	6.~~70~~ 10	6.15$^{05\ 05}$	1.76	7.7	7.5	7.60$^{1\ 1}$	0.31
4			B				6.7	6.70	6.7	6.70	6.70$^{00\ 00}$	1.66	8.1	8.2	8.15$^{1\ 0}$	0.21
5	3.2^{33} 3.0^{31}	3.20	~~3.0~~	3.0	3.10$^{10\ 10}$	5.73	7.5	7.60	7.7	~~6.70~~ 7.40	7.50$^{10\ 10}$	1.33	9.0	8.80	8.90$^{1\ 1}$	-0.07
6	3.5^{36}			3.4	3.50$^{1\ 1}$	5.73	8.3	8.30	8.3	8.20	8.25$^{05\ 05}$	0.98	9.7	9.5$^{9.6.0 \mid 9.1}$	9.35$^{25\ 25}$	-0.12
7	3.7^{37}	3.75	3.8	3.6	3.68$^{07\ 08}$	5.79	8.7	8.70	8.7	8.60	8.65$^{05\ 05}$	0.82	9.8	?9.5	9.65$^{2\ 1}$	-0.18
7a			4.3	4.0	4.15$^{15\ 15}$	5.66	9.1	9.20	9.3	8.95	9.08$^{12\ 13}$	0.73		9.8	9.8^{A}	-0.01
7b			4.8	4.7	4.75$^{0\ 1}$	5.56				9.5	9.5^{A}	0.80				
8			3.9	3.8	3.85$^{1\ 0}$	5.72	8.8	8.86	8.9	8.95	8.90$^{05\ 05}$	0.67	n.s			
9			4.2	4.1	4.15$^{0\ 1}$	5.70	9.0	9.0	F	9.05	9.02$^{02\ 03}$	0.83				
10			5.2	4.95	5.08$^{12\ 13}$	5.49										
11			5.4	5.1	5.25$^{2\ 1}$	5.33										
12			5.5	5.3	5.40$^{1\ 1}$	5.37										
13			5.8	5.5	5.65$^{2\ 1}$	5.43										
14			6.4	6.2	6.30$^{1\ 1}$	5.21										
15			6.7	6.5	6.60$^{1\ 1}$	5.04										
16			7.1	6.9	7.00$^{1\ 1}$	5.12										
17			7.5	7.3	7.40$^{1\ 1}$	4.77										
18			7.8	7.8	7.80$^{0\ 0}$	4.73										
19			8.5	8.3	8.40$^{1\ 1}$	4.37										
20			8.9	8.6	8.75$^{1\ 2}$	4.18										
21			9.2	9.0	9.10$^{1\ 1}$	4.31										
22			9.5$^{9.60}$	9.7$^{(9.5}$	9.55$^{05\ 05}$	4.29										
2a			B				6.8	6.75	6.7				8.1			

MC Series 931

Dec February 13, 1919

MC 14945 Rich Sent

	Sc 1	Sc 2	Curv	Magn.	g		h	Curv	Magn.		Pc		Curv	Magn
301		B			4.2	$\overset{0\,1}{4.15}$	4.1	2.37	6.52		5.3	$\overset{5.40\ 1\,1}{5.5}$	0.99	6.39
301a		B			7.3	$\overset{1\,1}{7.40}$	7.5	1.32	8.72		9.0		-0.02	8.98
301b	$3.1^{3.2}$		5.79	8.99	7.8	$\overset{0\,9}{7.80}$	7.8	1.19	8.99		9.5		-0.10	9.40
302		B			7.3	$\overset{0.0}{7.30}$	7.3	1.37	8.67		8.9		0.00	8.90
303		B			6.9	$\overset{1\,0}{6.95}$	7.0	1.48	8.43		8.5		0.09	8.59
303a	$3.0^{3.1}$		5.79	8.89	7.7	$\overset{1\,0}{7.75}$	7.8	1.20	8.95		9.0	$\overset{9.15\ 2\,1}{9.3}$	-0.03	9.12
304		4.0	5.65	9.65	8.7	$\overset{1\,1}{8.80}$	8.9	0.82	9.62		9.8	?	-0.15	9.65?
305		4.1	5.63	9.73	8.7	$\overset{1\,1}{8.80}$	8.9	0.82	9.62	w.5	~~8.5~~			
306		5.0	5.51	10.51	F									
306a		4.8	5.54	10.34										
307		5.3	5.46	10.76										
308		5.9	5.31	11.21										
309		6.1	5.28	11.38										
309a		6.7	5.11	11.81										
310		7.0	5.01	12.01										
311		7.5 $\overset{7.40}{7.3}$	4.86	12.26										
312		7.7	4.71	12.41										
Close to def 313		8.7?	4.31	13.01										
314		9.3 $\overset{9.40}{9.5}$	4.19	13.59										
301c	$3.5^{3.6}$		5.73	9.33	$\overset{8.60}{8.5}$ 8.7			$\overset{0.91}{\text{Inf}}$	9.51					

MC Series 931

DeV February 13, 1919

MC 14946 Rich Scut.

		B	Curr	Magn.	g		h	Curr	Magn.	pc	Curr	Magn.
401					7.3	$\overset{1\,1}{7.40}$	7.5	1.32	8.72	8.9	000	8.90
402	3.3 $^{3.4}$		5.75	9.15	8.1	$\overset{1\,1}{8.20}$	8.3	1.05	9.25	9.5	-0.11	9.39
403	3.5 $^{3.6}$		5.73	9.33	8.5	$\overset{0\,0}{8.50}$	8.5	0.93	9.43	9.7	-0.13	9.57
404		3.8 $^{3.75}$ 3.7	5.70	9.45	8.8	$\overset{0\,1}{8.85}$	8.9	0.81	9.66	F		
405		5.3	5.45	10.75	n.s.							
406		5.5	5.41	10.91								
407		6.1	5.27	11.37								
408		6.5 $^{6.60}$ 6.7	5.14	11.74								
409		7.1	4.97	12.07								
410		7.7	4.71	12.41								
411		8.2	4.48	12.68								
412		9.3 $^{9.20}$ 9.7	4.21	13.41								
413		9.9	.									

MC Series 931

Dev

February 13, 1919

MC 14947 Rich Scut.

	Sc 1	Sc 2	Curv	Magn.	g		h	Curv.	Magn.	PC	Curv	Magn
201		B			3.1	3.05	3.0			4.3		
201a		B			4.8	4.80	4.8	2.13	6.93	6.0	0.77	6.77
202		B			5.1	5.10	5.1	2.04	7.14	6.3	0.68	6.98
202a		B			6.7	6.70	6.7	1.57	8.27	7.9	0.$\overset{2}{1}$3	8.13
203		B			7.5	7.60	7.7	1.25	8.85	9.0	−0.01	8.99
203a	$\overset{3.6}{3.5}$		5.73	9.33	8.7	8.80	8.9	0.85	9.65	9.8	−0.15	9.65
204	$\overset{3.6}{3.5}$		5.73	9.33	8.8	8.90	9.0	0.83	9.73	9.8	−0.15	9.65
205		3.8	5.72	9.52	9.0	9.05	9.1	0.79	9.84	F		
206		4.3	$\overset{5}{4}$.63	$\overset{9}{8}$.93	9.3	9.40	9.5	0.70	10.10			
207		4.6	$\overset{5}{4}$.58	$\overset{10}{9}$.18	9.7	9.75	9.8	0.66	10.41			
208		5.8	5.35	11.15								
208a		4.7	5.57	10.27								
208b		7.1	4.97	12.07								
209		6.9	5.05	11.95								
210		7.0	5.02	12.02								
211		7.5	4.81	12.31								
212		8.3	4.43	12.73								
213		8.9	4.27	13.17								
214		9.8	4.19e	13.99e								

MC Series 931

DeV February 13, 1919

MC 14948 Lich Scott.

	Sc 1	Sc 2	Curve	Magn.	g		h	Curve	Magn.	Pc	Curve	Magn.
101		B	.	.	3.7	3.70	3.7	2.55	6.25	4.9	1.20	6.10
102		B	.	.	4.8	4.85	4.9	2.11	6.96	6.1	0.73	6.83
103		B	.	.	6.8	6.85	6.9	1.51	8.36	7.9	0.24	8.14
104		B	.	.	7.5	7.50	7.5	1.29	8.79	8.8	0.00	8.80
104a	3.6 3.5		5.73	9.33	9.0	9.15	9.3	0.77	9.92			
104b	3.5 3.4 3.4 3.3 3.45		5.75	9.20	8.9	8.95	9.0	0.80	9.75			
105		4.0	5.69	9.69	9.5	9.50	9.5	0.69	10.19			
105a		4.0	5.69	9.69	9.3	9.30	9.3	0.72	10.02			
106		5.0	5.50	10.50								
107		5.5	5.41	10.91								
108		5.9	5.31	11.21								
109		7.1	4.98	12.08								
110		7.7	4.70	12.40								
111		8.0	4.56	12.56								
112		8.5 8.60 8.7	4.34	12.94								
113		9.8	4.19e	13.99e								

MC Series 931

Sc V

February 13, 1919

MC 14948 Rich Scut.

	Sc 1	Sc 2	g		h	pc
1		B	3.3	3.30	+p	4.7
2		B	4.7	4.70	4.7	6.0
2a		B	6.7	6.70	6.7	8.1
3		B	6.1	6.10	6.1	7.5
4		B	6.7	6.70	6.7	8.2
5	$\overset{3.0}{2.9}$		7.3	7.40	7.5	$\overset{8.80}{8.9}$ 8.7
6	$\overset{3.4}{3.3}$		8.1 ~~8.3~~	8.20	8.3	9.1
7	$\overset{3.6}{3.5}$		8.5	8.60	8.7	9.5
7a		4.0	8.9	8.95	9.0	9.8
7b		4.7	9.5	9.5	7	
8		3.8	8.9	8.95	9.0	
9		4.1	9.0	9.05	9.1	
10		$\overset{4.95}{5.0}$ 4.9				
11		5.1				
12		5.3				
13		5.5				
14		6.2				
15		6.5				
16		6.9				
17		7.3				
18		7.8				
19		8.3				
20		8.6				
21		9.0				
22		9.5				1.15

Mc Series 940

DeV February 17, 1919

9ʰ50 ~~B~~ MC 15293 Yellow Rich Scut.

	Sc 1		Sc 2	MC 15298	Mean	Diff
1			B			
2			B			
2a			B			
2b	2.9 3.0			3.1	3.05	0 1
3	3.3 3.4			3.4	3.40	0 0
3a	3.5 3.6			3.6	3.60	0 0
4	3.5 3.6			3.70	3.65	0 1
5	4.1 4.2	4.20 0 0	4.2	4.3	4.25	05 05
6			4.7	4.7	4.70	0 0
7			5.3	5.4	5.35	1 0
7a			6.1	6.1	6.10	0 0
7b			6.8	6.9	6.85	0 1
8			3.8	4.0	3.90	1 1
9			4.5	4.7	4.60	1 0
10			6.7	6.9	6.80	1 1
11			6.9	7.0	6.95	1 0
12			7.7	7.7	7.70	0 0
13			8.0	8.1	8.05	0 1
14			8.5	8.7	8.60	1 1
15		8.60 1 1	8.5	8.7 8.9	8.75	15 15
16			9.8	9.60	9.70	10 10
				9.70	9.70	.A

g		Diff	h	MC 15298	Mean	Diff	PC	MC 15298	Mean	Diff.
3.5	3.50	00 00	3.5	3.85	3.67	17 18	5.0	5.1	5.05	0 1
7.2	7.25	0 1	7.3	~~4.7~~ 7.15	7.20	05 05	7.9	8.0	7.95	1 0
7.5	7.50	0 0	7.5	7.50	7.50	00 00	8.0	8.1	8.05	0 1
8.5	8.40	1 1	8.3	8.60	8.50	10 10	9.0	9.1	9.05	0 1
8.9	8.90	0 0	8.9	9.00	8.95	05 05	9.3	9.40	9.35	05 05
9.5	9.40	1 1	9.3	9.20	9.30	10 10	n.s	9.7?	9.7?	.A.
9.7	9.70	0 0	9.7		9.70	00 00				

MC Series 940

ScV

February 17, 1919

MC 15294 Yellow

	Sc 1	Sc 2 B		g	L	Pc
301				5.7	5.8	6.8
301a	2.9			8.0	8.1	9.0
301b	3.2			8.3	8.3	9.3
301c	3.5			9.1	9.3	7
302		4.2				
303	3.6			9.8	7	
303a		4.3				
304		5.4				
305		5.3				
306		6.5				
307 ~~306a~~		7.7	7.5			
306a ~~307~~		4.3				
308		8.9	8.7			
309		8.5				
309a		9.5				
310		9.8				
311		9.8				

MC Series 940

DeV February 17, 1919

MC 15295 Yellow

	Sc 1	Sc 2		g	h	pc
401	3.3			9.8	7	n.s
402	3.5			9.7	9.8	
403		4.7				
404		4.5				
405		6.9				
406		5.0	4.9	~~9.8~~		
407		8.2				
408		8.5				
409		9.8	9.7			
410		n.s				
406a		9.8 ?				

MC Series 940

SeV February 17, 1919

MC 15296 Yellow

		Se1	Se2	g	h	PC
	201		B	3.5	3.3	4.5
	201a		B	7.3	7.3	8.2
	202		B	7.9	8.0	8.8
	202a	3.3				
	203	3.5				
	204		defective			
near crack	203a		4.5			
Near crack	205		5.4			
	206		In Crack			
	207		5.1			
	208		8.0			
	208a		6.9			
	209		8.8			
	210		9.5			
	211		9.8			

Plate badly broken - meas. on plain glass plate Some of the images near cracks - some cannot be measured -

MC Series 940

Dev February 17, 1919

MC 15297 Yellow

		Se1	Se2		g	h	pc
In fogged region	101		B		6.1	6.0	6.9
	102		B		7.1	7.1	8.1
	103	3.3			9.1	9.3	7
	104		3.9		7		
	104a		4.3				
In fogged reg	104b		4.5				
	105		5.7				
In fogged reg	105a		5.9				
	106		7.0				
	107		8.5				
In fogged reg	108		8.5				
	1~~8~~09		7.1				
	110		8.8	9.0			
	111		n.s				

Plate unevenly fogged - images good -
Images in fogged region - so designated

MC Series 940

Del February 17, 1919

MC 15298 Yellow

	Sc1	Sc2		g h	Pc
1		B		3.9 $3.85^{1\,0}$ 3.8	5.1
2		B		7.1 $7.15^{\underline{1}\,0}$ 7.2	8.0
2a		B		7.5 $7.50^{0\,0}$ 7.5	8.1
2b	$3.0^{3.1}$			8.5 $8.60^{\underline{1}\,1}$ 8.7	9.1
3	$3.3^{3.4}$			9.0 $9.00^{0\,0}$ 9.0	9.3 9.5
3a	$3.5^{3.6}$			9.1 $9.20^{\underline{1}\,1}$ 9.3	9.7 ?
4	$3.5^{3.6}$ $3.70^{\underline{1}\,1}$	3.8			
5		4.3			
6		4.7			
7		5.4			
7a		6.1			
7b		6.9			
8		4.0			
9		4.7			
10		6.9			
11		7.0			
12		7.7			
13		8.1			
14		8.7			
15		8.9			
16		9.5	9.7		
17		9.7	9.7		
16		7			

11:40

Mc Series 941

ScV February 17, 1919

1.1 ov Mc 15336 Yellow Por Scut.

	Se 1	Se 2	mc 15341	mean	Diff.	g		h	mc 15341	mean	Diff	pc		mc 15341	mean	Diff
1		B				6.4	$\overset{0\ 1}{6.45}$	6.5	6.30	6.38	.	7.2		7.4	7.30	.
2		B				6.1	$\overset{0\ 1}{6.15}$	6.2	6.10	6.12	.	7.0		7.1	7.05	.
3		B				7.5	$\overset{0\ 0}{7.50}$	7.5	7.95	7.72 ~~1.33~~	-1.10	$\overset{8.40}{8.5}$	8.3	8.8	8.60	-1.98
4	$\overset{3.3}{3.2}$		3.2	$\overset{1\ 0}{3.25}$	4.48 ~~3.37~~	9.3	$\overset{1\ 1}{9.40}$	9.5	9.3	9.35	-1.62	9.8 ?		9.8	9.80?	$-2.0\overset{7}{3}$
5	$\overset{3.6}{3.5}$		3.6	$\overset{0\ 0}{3.60}$	4.40	9.8	$\overset{0,0}{9.80}$	9.8		9.80	-1.80					
6		3.9	4.0	$\overset{1\ 0}{3.95}$	4.35	7										
7		~~[illegible]~~ 455 ? ~~4~~ 3 6	$\overset{4.6}{4.5}$	$\overset{03\ 02}{4.58}$	4.07											
8		4.2	4.1	$\overset{0\ 1}{4.15}$	4.24											
9		5.4	5.5	$\overset{0\ 1}{5.45}$	3.67											
10		5.5	5.5	$\overset{0\ 0}{5.50}$	3.67											
11		4.8	5.0	$\overset{1\ 1}{4.90}$	4.03											
12		6.7	6.8	$\overset{1\ 0}{6.75}$	2.96											
13		$\overset{7.40}{7.3}$	$\overset{1\ 0\ 7.7}{7.5}$	$\overset{15\ 15}{7.55}$	2.61											
14		$\overset{7.95}{7.9}$	$\overset{1\ 0\ 8.60}{8.0}$	$\overset{33\ 32}{8.28}$	2.01											
15		$\overset{8.75}{8.8}$	$\overset{0\ 1\ 9.8}{8.7}$	$\overset{9\ 53\ 52}{9.28}$	1.70											
16		9.5														
17		ns														

MC Series 941

ScV February 17, 1919

MC 15337 Yellow Bra Scale

	Se1	Se2	g	h	Pc
301	3.1 3.2		9.3	9.5	~~9.3~~
302		4.2			
302a		4.7			
302b		5.3			
302c		5.5	9.7	9.7	
303	3.3 3.4				
304		6.5			
305		6.5			
306		7.8			
307		6.7			
308		7.7			
308a		8.1			
309		n.8			

MC Series 941

Sev

February 17, 1919

MC 15338 Yellow Poor Seeing

Se 1	Se 2	g	h	Pc
401	B	3.3	3.3	4.5 4.3
402	B	7.5	7.5	8.3
402a	4.5			
403	6.2			
403a	6.4			
404	6.7			
404a	7.3			
405	8.0			
406	7.9			
407	n.s			

MC Series 941

Sel February 17, 1919

MC 15339 Yellow Poor Seut

	Sc1	Sc2 B	g	h	PC
201			7.9	8.0	9.1
202	3.3		9.8	9.8	
203	3.5				
204		5.1			
205		5.8			
206	3.5				
206a		3.8			
206b		4.3			
205a		6.5			
~~206~~					
207		7.1			
208		8.2			
209		9.3			
210		9.8			
212		ns			
213		ns			
211		8.5			

MC Series 941

Sc V February 17, 1919

MC 18340 Yellow

	Sc 1	Sc 2	g	h	PC
101		B	5.0	5.0	6.1 5.9
102		B	5.0	4.9	6.0
102a		B	8.0	8.2	9.2
103		4.3	F		
104		5.3			
105		5.5			
106		6.4			
107		6.5			
108		8.0			
109		n.s			

MC Series 941

ScV February 17, 1919

MC 15341 Yellow

	Sc 1	Sc 2	Prov Scale		pc
1		B	J 6.3 6.30°° p	6.3	7.4
2		B	6.1 6.10°°	6.1	7.1
3		B	7.9 7.95 1°	8.0	8.8
4	3.1 3.2		+ p	9.3	9.8
5	3.5 3.6		n.s		
6		4.0			
7		4.6			
8		4.1			
9		5.5			
10		5.5			
11		5.0			
12		6.8			
13		7.7			
14		8.7 8.60'1 8.5			
15		9.8			
16		n.s			

2:10

B Series 728

Sheet no. 200

Sev

May 2$\overset{1}{2}$, 1919

10:00 B 53042 b 6 ~~Carr. Lag.~~ ~~Cw. Lag.~~ ~~Cw. Lag.~~

Seq	Sq2		g		h		Pc	
1	3.7	3.06	6.1		+p	0.66	7.7	-1.06
2	tp	.	tp		tp	.	7.7	-0.92
3	4.7	2.$\overset{81}{\cancel{78}}$	+p		7.2	0.31	8.7	-1.19
4	4.8	2.76	7.1	$\overset{10}{7.15}$	7.2	0.41	8.5	-0.94
5	4.5	3.27	+p		+p	.	8.9 $\overset{8.85^{10}}{8.8}$	-1.68
6	5.1	3.11	7.5		+p	0.71	9.1	-0.89
~~7~~	~~5.5~~	.	8.0		+p	.	9.5	.
~~8~~	~~5.3~~	.	7.7		+p	.	9.7 $\overset{9.60\ 11}{9.5}$	.
9	5.3	3.29	7.8		+p	0.79	9.5	-0.91
10	5.7	3.20	8.1		+p	0.80	9.8	-0.90
10a	5.9	3.16	8.3		+p	0.76	9.9	-0.84
~~11~~	~~6.1~~		8.5		+p			
12	6.0	3.34	8.7		+p	0.64		
13	6.5	3.19	9.0	$\overset{1\ 1}{9.1\cancel{2}}$	9.2	0.59		
14	6.5	3.56	9.1	$\overset{00}{9.10}$	9.1	0.96		
14a	7.2	.	9.8	$\overset{00}{9.80}$	9.8	.		
~~15~~	~~6.9~~	.	9.7 $\overset{9.60\ 11}{9.8}$	$\overset{00}{9.65}$	9.7 $\overset{9.60\ 11}{9.8}$	.		
16	7.3	3.22	9.9	$\overset{00}{9.90}$	9.9	0.62		
17	7.3	3.48						
~~18~~	~~7.5~~	.						
19	7.5	3.43						
~~20~~	~~7.5~~	.	26a 8.9		.			
21	7.7	3.56	26b 8.9		.			
22	7.8	3.74	26a 8.5		.			
23	8.0	3.83	27 8.7		4.42			
24	8.3	3.86	28 9.1 ~~29 9.3~~		4.18			
25	8.5	3.83	29a 9.2		4.37			
26	8.7	3.98	30 9.5 $\overset{00}{9.60}$ 9.7		4.27			

Diff. images - elong.

B Series 728 : Copied 44:172

BcY

May 21, 1919

B 53043 R Antliae - 10 ob - 37.3

att cor. - .01

	Sc 1	Sc 2	Curve	Magn.	g		h	Curve	Mag.	Pc	Curve	Magn.
a	$\overset{3.5}{3.4}$		2.98	6.48	+p		5.5	.	.	7.5	-0.95	6.55
b		4.0	3.00	7.00	6.2	$\overset{00}{6.20}$	6.2	0.41	6.61	7.9	-0.98	6.92
c		3.9	2.99	6.89	+p :		+p	.	.	Sup? +	.	:
d		5.0	3.01	8.01	+p		7.3	0.64	7.94	9.0	-0.96	8.04
e		+p	.	.	+p		+p	.	.	9.3	-0.93	8.37
e'		5.5	3.17	8.67	8.1	$\overset{11}{8.20}$	8.3	0.75	8.95			
f		+p	.	.	+p		+p	.	.	9.7	-0.88	8.82
g		5.5	3.17	8.67	8.5	$\overset{11}{8.60}$	8.7	0.77	9.37			
h		6.1	3.24	9.34	9.1	$\overset{11}{9.20}$	9.3	0.76	9.96			
k		6.4	3.28	9.68								
l		6.7	3.34	10.04								
m		7.3	3.48	10.78								
n		7.7	3.61	11.31								
o		8.1	3.78	11.88								
p		8.2	3.82	12.02								
q		8.5	3.93	12.43								
r		9.0	4.15	13.15								
x		9.3 9.5 $\overset{11}{9.40}$	4.93	13.73						8.0	-0.99	7.01
Var		4.2	3.02	7.22								

B Series 728

Copied 44:184

DeV

May 21, 1919

B 53044 NGC 3301 10 14 – 46.0

alt. corr –0.4

	Sc ½	Sc 2	Curve	Magn.	g		h	Curve	Magn.	PC	Curve	Magn.
a	3.1		.	.	6.1		elong –	~~0.82~~ 0.39	~~6.92~~ 6.49	7.5	0.95	6.55
b		4.5	3.05	7.55	7.3		t/p	~~0.59~~ 0.63	~~7.89~~ 7.93	8.9	~~–1.17~~ –0.97	7.93
c		5.0	3.11	8.11	7.7		t/p	~~0.52~~ 0.70	~~8.22~~ 8.40	9.3	~~–1.23~~ –0.93	8.$\overset{3}{8}$7
d		5.5	3.17	8.67	8.1	$\overset{00}{8.10}$	8.1	~~0.43~~ 0.74	~~8.55~~ 8.84	9.8	~~–1.36~~ –0.88	~~8.44~~ .92
e		5.8	3.20	9.00	8.5		t/p	~~0.46~~ 0.76	~~8.86~~ 9.26			
f		6.3	3.26	9.56	9.3		t/p	~~0.87~~ 0.75	~~9.47~~ 10.05			
g		6.5	3.29	9.79	9.5	$\overset{\pm 1}{9.60}$	9.7	~~0.10~~ 0.74	~~9.67~~ 10.34			
h		6.5	3.29	9.79								
k		7.5	3.54	11.04								
l		7.5	3.54	11.04								
m		7.9	3.70	11.60								
n		8.0	3.73	11.73								
o		8.5 $\overset{8.60 \pm 1}{8.7}$	3.98	12.58								
p		8.9	4.10	13.00								
q		9.1	4.20	13.30								
r		9.8	4.52	14.32								

Diff images elongated.

B Series 728

Copied 34:128

Scl

May 21, 1919

alt corr -.02

B 53045 174 K 10 38-45.3

Sc 1	Sc 2	Curve	Magn	g	6.90	h	Curve	Magn	PC	Curve	Magn
1	4.2	3.02	7.22	6.8		+p	0.54	7.44	8.9	-0.97	7.93
2	6.1	3.24	9.34	9.0	9.00	9.0	0.77	9.77			
3	7.2	3.44	10.64								
3a	7.3	3.48	10.78								
4	7.5	3.54	11.04								
5	7.7	3.61	11.31								
6	8.1	3.78	11.88								
7	8.3	3.86	12.16								
8	8.60 8.5 8.7	3.98	12.58								
9	9.0	4.15	13.15								
10	9.60 9.5 9.7	4.43	14.03								

B Series 728

Copied 44:192

ScV

May 21, 1919

B 53046 RS Hydrae 10 47 -28.2

alt. corr +.02

	Se1	Se2	Curve	Magn.	g		h	Curve	Magn.	PC	Curve	Magn.
a		5.1	3.13	823	8.0		+p	0.73	8.73	9.8 ?	-0.87	8.93
a′		5.5	3.17	8.67	8.5	±1 8.60	8.7	0.77	9.37			
b		6.30±1 6.2 6.4	3.26	9.56	9.8	0±1 9.75	9.7	0.73	10.48			
c		6.3	3.26	9.56								
d		6.5	3.29	9.79								
e		7.5	3.54	11.04								
f		7.5	3.54	11.04								
f′		7.8	3.65	11.45								
g		8.20±1 8.3 8.1	3.82	12.02								
g′		8.3	3.85	12.15								
h		8.5	3.93	12.43								
K		8.95±0 8.9 9.0	4.12	13.07								

B Series 728

Sheet no. 200

DeV

May 21, 1919

B 53047 Dg

	Sc1	Sc2		g		h		PC	
3	$\overset{3.1}{3.0}$		3.94	6.1		tp	0.94	8.0	−0.96
4		3.9	3.92	7.1	$\overset{00}{7.10}$	7.1	0.72	9.0	−1.18
5		4.1	3.96	7.3	$\overset{11}{7.40}$	7.5	0.66	9.3	−1.24
6		4.4	4.07	7.7	$\overset{7.9}{\overset{11\ 11}{7.80}}$	$\overset{7.9}{7.7}$	0.67	9.5	−1.03
7		4.9	4.14	9.0	$\overset{01}{9.05}$	9.1	−0.01		
8		5.7	3.83	9.6	$\overset{00}{9.80}$	9.6	−0.27		
9		6.1	3.99						
12		6.7	3.87						
14		7.1	3.69						
15		7.5	3.63						
16		$\overset{7.85\ 01}{7.8\ 7.9}$	3.75						
17		8.0	3.83						
18		8.7	3.71						
20		$\overset{9.40\ 11}{9.3\ 9.5}$	3.36						
21		9.8	3.26						
8a		5.9	3.78	9.7	$\overset{00}{9.70}$	9.7	−0.02		
3a	$\overset{3.4}{3.3}$		3.95	6.5		tp	+0.85	8.3	−0.95
6a		4.8	3.84	8.3	$\overset{11}{8.40}$	8.5	+0.24		
14b		8.9	.						
14c		7.8	.						
16a		7.9	.						
14a		7.9	.						

12:15

B Series 728 (Pl-2) Sheet no. 200

Sc 1 May 22 1919

10:00 B 53047 bg

	Sc 1		Sc 2		g		h		pc	
3	$\overset{3.1}{3.0}$			3.94	6.2	$\overset{00}{6.20}$	6.2	0.84	8.1	$-\overset{1}{2}.06$
3a	$\overset{3.6}{3.5}$	$\overset{11}{3.70}$	3.8	3.65	6.85 $\overset{2.1}{6.7}$ 7.0		tp	0.50	8.8	−1.15
4			3.9	3.92	7.1	$\overset{10}{7.15}$	7.2	0.67	9.0	−1.18
5			4.1	3.96	tp		7.5	0.56	9.3	−1.24
6			4.3	4.17	7.9	$\overset{00}{7.90}$	7.9	0.57	9.7	−1.23
6a			4.7	3.94	8.1	$\overset{11}{8.20}$	8.3	0.44	7	
7			5.0	4.04	9.0	$\overset{00}{9.00}$	9.0	0.04		
8			5.6	3.93	9.8	$\overset{00}{9.80}$	9.8	−0.27		
9			6.1	3.99						
12			6.8	3.77						
14			7.1	3.69						
14b			9.0	.						
14c			7.9	.						
15			7.5	3.63						
16			7.7	3.90						
16a			8.0	.						
17			7.9	3.93						
18			8.8	3.61						
20			9.3	3.46						
21			9.7	3.36						
22			9.9	3.50						
14a			7.9	.						

Dev

B Series 728 (Pl. 2) Copied 27:154

May 22, 1919

B 53048 E7

alt. corr +.02

	Sc 1	Sc 2	Curve	Magn.	g		h	Curve	Magn.	P C		Curve	Magn.
1		3.8	4.06	7.86	5.8	$\overset{00}{5.80}$	5.8	0.88	6.68	7.8	-1.07	3.68	6.73
2		4.0	4.05	8.05	+p		+p	.	.	8.2	-1.09	3.63	7.11
3		3.9	4.06	7.96	6.0	:	+p	0.84	6.84	8.0	-1.08	3.65	$\overset{6}{\cancel{7}}.92$
4		4.2	4.04	8.24	+p		+p	.	.	8.5	-1.12	3.59	7.38
6		4.4	4.03	8.43	+p		+p	.	.	8.9	-1.16	3.55	7.74
5		$\overset{3.95}{4.0}$ 3.9^{01}	4.05	8.40	+p		+p	.	.	8.8	-1.15 ?	3.56	7.65
7		4.1	4.05	8.15	+p		+p	.	.	9.0	-1.18	3.54	7.82
8		$\overset{4.60}{4.7}$ 4.5^{11}	4.02	8.62	+p		+p	.	.	9.3	-1.24	3.49	8.06
9		4.4	4.03	8.43	+p		+p	.	.	9.0	-1.18		7.82
10		5.1	4.00	9.18	+p		+p	.	.				
11		5.0	4.00	9.00	s ~~7.0~~		+p	.	.				
12		5.2	3.99	9.19									
13		5.2	3.99	9.19									
14		5.5	3.96	9.46									
15		5.3 $\overset{5.40^{11}}{5.5}$	3.97	9.37	8.9	$\overset{10}{8.95}$	9.0	0.25	9.20				
16		5.2 $\overset{5.35^{21}}{5.5}$	3.97	9.32	9.0		+p	0.24	9.24				
17		5.5	3.96	9.46	+p		+p	.	.				
18		5.9	3.91	9.81									
19		6.0	3.89	9.89									
20		6.1	3.88	9.98									
21		6.3	3.86	$\overset{10}{\cancel{9}}.16$	29 7.5	.		3.71	11.21				
22		6.5	3.84	10.34	30 7.7			3.68	11.38				
23		6.5	3.84	10.34	31 7.9			3.67	11.57				
24		6.5	3.84	10.34	32 8.3			3.61	11.91				
25		6.7	3.81	10.51	33 8.5			3.59	12.09				
26		7.0	3.78	10.78	34 8.9			3.55	12.45				
27		7.2	3.75	10.95	35 9.3			3.49	12.79				
					36 ~~7.~~ 7.8			3.40	13.20				
28		7.3	3.74	11.04	37 7			.	.				

Diffr. images elongated — look like double images.

B Series 728 (P1-2)

Copied 45:212

Sc V

May 22, 1919

alt. cor. -.92

B53049 – Pole

	Sc 1	Sc 2		Curve	Magn.	g		h	Curve	Magn.	PC	Curve	Magn.
a	3.0 2.9			4.07	7.07	5.1	00 5.10	5.1	.	.	7.1	.	.
b	3.4 3.3			4.07	7.47	+p		+p	.	.	8.1	-1.09	7.01
c		3.9	3.80 11 3.7	4.06	7.86	+p		+p	.	.	8.5	-1.11	7.39
d		4.0		4.05	8.05	+p		+p	.	.	8.8	-1.15	7.65
e		4.0		4.05	8.05	7.1		+p	0.64	7.74	8.9	-1.16	7.74
f		4.9		4.01	8.91	7.8		+p	0.50	8.30	9.8	-1.37	8.43
g		5.0		4.00	9.00	8.1	00 8.10	8.1	0.44	8.54	7	.	.
h		5.1		4.00 ~~3.99~~	9.10	8.3		+p	0.40	8.70			
k		5.5		3.96	9.46	9.0		+p	0.24	9.24			
l		6.0	6.05 01 6.1	3.89	9.94								
m		6.3		3.86	10.16								
n		6.5		3.84	10.34								
o		6.7		3.81	10.51								
p		7.2		3.75	10.95								
q		7.5		3.71	11.21								
r		7.5		3.71	11.21								
s		7.8		3.68	11.48								
t		7.9		3.67	11.57								
u		8.1		3.64	11.74								
w		8.5		3.59	12.09								
x		9.0		3.54	12.54								
y		9.5	9.60 11 9.7	3.43	13.03								
z		9.9		3.39	13.29								

Diff images elongated – very poor.

B Series 728 (P1-2)

Copied 45:217

Card

Sc V

May 22, 1919

alt cor +.06

B 53050 Nova Sagittarii No 2 17 54 - 27.6

	Sc 1	Sc 2	Curve	Magn				Curve	Magn	PC	Curve	Magn
a	3.9 3.7 4.0 3.8 3.90		4.06	7.96	7.2	7.20	7.2	0.62	7.82	9.0	-1.18	7.82
b		4.0	4.05	8 4.05	7.5	7.50	7.5	0.57	8.07	9.3	-1.24	8.06
c		4.9	4.01	8.91	8.5	8.40 8.3	sup	0.38	8.78			
d		5.25 01 5.2 5.3	3.99	9.24	9.3	9.30	9.3	0.16	9.46			
e		5.2	3.99	9.19	9.1	10 9.15	9.2	0.20	9.35			
f		6.1	3.89	9.99								
g		6.3	3.86	10.16								
h		6.1	3.89	9.99								
k		7.2	3.75	10.95								
l		7.5	3.71	11.21								
m		7.5	3.71	11.21								
n		8.0	3.66	11.66								
q ~~o~~		8.1	3.64	11.74								
p		8.5	3.58	12.08								
o ~~q~~		8.3	3.62	11.92								
r		9.40 11 9.3 9.5	3.47	12.87								

B Series 728 (Pt 2)

Copied 45:116

Card.

Del

May 22, 1919

alt. con +.06

B 53051 Nova Sagittarii No 4 18 1 = 27.5

	Sc 3/3	Sc 2	Curve	Magn.	g	h	Curve	Magn.	pc	Curve	Magn.
a	3.2		4.07	7.37	5.9	+p	0.87	6.77	7.7	-1.07	6.63
b		4.0	4.05	8.05	+p	+p	.	.	8.5	-1.11	7.39
c		4.4	4.03	8.43	+p	+p	.	.	9.0	-1.18	7.82
d		5.1	4.00	9.10	+p	+p	.	.	9.7	-1.34	8.36
e		5.3	3.98	9.28	+p	+p	.	.	≠?	.	
f		5.8	3.92	9.72	8.9 $\overset{10}{8.95}$	9.0	0.26	9.21			
g		6.3	3.86	10.16							
k		7.1	3.76	10.86							
k		6.7	3.81	10.51							
l		7.5	3.71	11.21							
m		7.7	3.68	11.38							
n		8.5	3.59	12.09							
o		9.1	3.51	12.61							
p		9.3 $\overset{9.40 \pm 1}{9.5}$	3.47	12.87							

Diffr images elongated - very poor

Sel

B Series 728 (P1-2)　Copied 35:200

Card

May 22, 1919

B53052 Date 18 u - 9.5　alt. corr + .07

Sc1	Sc2	Curve	Magn.	g		h	Curve	Magn.	Pc	Curve	Magn.
1	4.2	$4.0\overset{4}{3}$	8.24	7.0/~	$\overset{oo}{7.00}$	7.0/~	0.65	7.65	9.0	-1.19	7.81
2	4.4	4.03	8.43	+/~		7.3	0.59	7.89	9.3	-1.23	8.07
3	4.9	4.01	8.91	7.8	$\overset{oo}{7.80}$	7.8	0.50	8.30	9.8	-1.37	8.43
4	5.3	3.98	9.28	8.3	$\overset{01}{8.25}$	8.2	0.41	8.66	F		
5	6.2	3.88	10.08								
6	6.5	3.84	10.34								
7	6.3	3.86	10.16								
8	7.3	3.73	11.03								
9	7.7	3.68	11.38								
10	8.0	3.66	11.66								
11	8.3	3.61	11.91								
12	8.1	3.64	11.74								
13	8.5	3.59	12.09								
14	?	.	.								
15	90	3.52	12.52								
16	9.40'1 9.5 9.3	3.47	12.87								

Sheet no. 200

DeV

B Series 728 (Pt 2)

May 22, 1919

B 53053 D 10

	Se 1	Se 2		g		h		Pc	
1	3.0 2.9		3.84	5.9	10 5.95	6.0	0.89	7.9	−1.06
2	3.3 3.2		4.11	6.7	00 6.70	6.7	0.71	8.5	−1.09
3	3.2 3.1		4.14	6.7	00 6.70	6.7	0.64	8.5	−1.16
4	3.4 3.3		4.44	7.1	00 7.10	7.1	0.74	8.9	−1.06
6		4.3	4.20	8.1	11 8.20	8.3	0.30	9.9 ?	−1.40
7		4.1	4.19	7.9	10 7.95	8.0	0.34	9.8	−1.51
8		5.1	4.00	8.9	00 8.90	8.9	0.20		
9		tp	.	9.1	11 9.20	9.3	0.20		
10		6.0	3.69	9.7	00 9.70	9.7	−0.01		
11		6.3	3.74						
12		7.00 11 7.1 6.9	3.49						
13		7.3	3.43						
15		7.70 11 7.8 7.6	3.47						
16		8.0	3.52						
17		8.3	3.60						
18		defective							
19		n.s.							
20									
21									
22									
24									

Primary images very poor on most of the plates in this series.

12:55

B Series 452

DeV May 28, 1919

9:50 B 49807 D6 Yellow

Sc 1	Sc 2
1	5.7
2	tp
3	6.7 6.5
4	6.4
5	7.0
6	7.3
7	7.8
8	6.7
9	7.2
10	6.5
11	8.9
12	7.5
13	8.5
14	9.7
15	8.1
16	ns
10a	8.2

B Series 452

S.V

May 28, 1919

B 498 ~~08~~ 10 Pole Yellow

	Sc1	Sc2	g	h
a		4.3	8.8	8.8
b		5.5		
c		6.0		
d		7.0		
e		7.2		
f		7.5		
g		7.5		
h		6.5		
k		9.1		
l		9.7		
m		9.5		
n		9.3		
o		9.9:		
p		n.s.		

B Series 452

Sc V May 28, 1919

B498 11 E5 Yellow

	Sc 1	Sc 2		g	h
1		6.5			
2		5.5			
3		6.9			
4		5.3			
5		7.4			
6		6.5			
7		6.9			
8		7.9			
9		7.9			
10		8.1			
11		8.8			
1$\overset{3}{2}$		7.7			
1$\overset{2}{3}$		9.8			
14		8.5	8.7		
15		9.9?			
16		9.0			
17		9.3			
18		9.0			
19		9.9			
20		n.s.			

B Series 452

ScV

May 28, 1919

B 49812 b 7 Yellow

Sc1	Sc2	g	h
1	+/h	9.0	8.9
2	5.9		
3	7.1		
4	7.3		
5	6.7		
6	8.0		
7	8.1		
8	9.0		
9	9.8		
10	9.8?		
11	8.5		
12	9.8		
13	9.8		
14	7		
15	n.s		

10:40

Poor Plate - images elongated - not comp. with Sc -

B Series ^{4}694

DeV June 5, 1919

11:30 B 50280 F 2 Yellow

	Sc 1	Sc 2
1		6,9
2		7,5
3		8,2
4		6,5
5		8,3
6		8,9
7		8,9
8		8,5
9		9,7
10		9,5
11		n,s
12		9,9
13		8,5
14		9,8
15		n,s
16		Ser,
17		9,3

Poor plate - badly scratched - Images poor

B Series 4~~6~~94

Sct

June 5, 1919

B50281 b7 Yellow

	Sc1	So2
1		5.1
2		7.5
3		7.5
4		8.1
5		7.9
6		9.0 9.2
7		9.2
8		9.8
9		n.s
10		9.8?
11		9.8
12		n.s

Plate shows very few stars.

B Series 4 894

Sev

June 5, 1919

B 50282 Pole - Yellow

	Se 1	Se 2
a		4.7
b		6.5
c		6.7
d		7.7
e		7.9
f		8.1
g		8.1
h		7.0
k		9.7
l		n.s.

B 50286 Coal Sack - Yellow

	Se 1	Se 2	
1		8.9	8.8
2		n.s.	
3		n.s.	
4		9.8	9.9
5		9.8	9.9

B Series $\overset{4}{8}94$

Del June 5, 1919

B 50287 b7 Yellow

1	+p
2	7.1 6.9
3	7.7 7.5
4	7.7 7.5
5	7.5
6	8.5 8.7
7	8.9
8	9.8?
9	n.s
10	n.s
11	9.0
12	n.s

12:25

Plate shows very few stars –
Series very poor

B Series^{4} 896

Sct

June 18, 1919

10 — B 50300 b5 Yellow

	Sc 1	Sc 2
1		6.5
2		7.8
3		+/r
4		7.5
4a		8.8
5		8.7
6		9.8
7		8.5
8		n.s
9		9.3
10		n.s
11		n.s

B Series ~~8~~ 4 96

ScV

June 18, 1919

B 50301 E4 Yellow

		Sc 1	Sc 2
	1		5.0
	2		7.2
	3		7.7
	4		6.3
	5		6.1
Near def.	6		7.9?
	7		7.9
	8		8.9 Ser. near.
	9		9.7
	10		9.9?
	11		n.S
	12		9.9?
	13		7.8
	14		8.9

B Series ^{4}696

Dev June 18, 1919

B 50302 Pole Yellow

	Sc 1	Sc 2	g	h
a		5.1	9.8	9.8
b		6.7		
c		6.7		
d		7.7		
e		7.9		
f		8.5		
g		8.5		
h		7.5		
k		9.8		
l		n.s		

B Series ~~8~~496

ScN June 18, 1919

B 50311 b 6 Yellow

	Sc 1	Sc 2	
1		6.0	
2		tp	
3		7.7	
4		7.5	
5		7.9	
6		8.1	
7	w.s	~~6.8~~ 8.8	
8		8.0	7.9
9		8.1	
10		7.5	
11		n.s	
12		8.5	
13		9.9	
14		n.s	
15		9.7	
16a		9.5	

Series from — 10! 50

B Series 582

Dev June 19, 1919

10:30 B 51326 D 7 Yellow

	Sc 1	Sc 2
1		5.4
2		7.0
3		7.7
4		7.5
5		7.5
6		8.5
7		8.8
8		Ser
9		n.s
10		n.s
11		9.1

Plate shows very few stars.

B Series 582

DeV June 19, 1919

B 51331 E6

	Scr 1	Sc 2	
1		5.3	
2		6.5	
3		6.3	
4		6.7	
5		5.5	
6		6.5	
7		7.5	
8		7.9	
9		7.7	
10		7.8	
11		8.2	
12		8.9	
13		9.0	
14		8.8	
15		9.3	9.5 scr.
16		9.8	9.7
17		9.9	

B Series 582

ScV June 19, 1919

B 51332 108 Yellow

	Scr 1	Scr 2
1		6.3
2		6.7
3		6.7
4		6.4
5		6.3
6		6.7
6a		8.2
7		8.3 8.1
8		7.5
9		8.0
10		9.8
11		9.7
12		9.2
13		9.1
14		n.s. scr

B Series 582

Sel

June 19, 1919

B 51333 Pole Yellow

	Sc 1	Sc 2	
a		4.4	
b		6.1	
c		6.4	
d		7.2	
e		7.5	
f		7.7	
g		7.9	
h		6.7	
k		9.2	
l		9.8	9.8

B Series 5/82

Day

June 19, 1919

B 51337 B9 Yellow

	Sc 1	Sc 2
1		6.5
2		6.2
3		5.8
3a		6.7
4		6.3
5		7.5
6		7.5
6a		7.5
7		7.3
8		8.1
8a		9.8 scr.
9		9.3
10		n.s
11		8.7
12		9.9?

11'.45

B Series 540

Set June 21, 1919

11:10 B 50827 lb o Yellow

	Se 1	Se 2	
1		7.1	7.3
2		t/n	
3		7.9	
4		7.7	
5		7.9	8.0
6		8.4	
7		9.3	
8		8.0	
9		8.3	
10		7.7	
11		n.s	
12		9.1	
13		n.s	

B Series 540

ScV

June 21, 1919

B 50832 Fz Yellow

	Sc 1	Sc 2
1		6.5
2		7,5
3		7,9
4		6,4
5		8,1
6		8.3
7		8.5
8		8.0
9		9.8
10		8,9
11		n.s
12		9.3
13		8,5
14		n.s
15		n.s
16		Scr.
17		9.0

B Series 040

DeV June 21, 1919

B 50838 b7

1	tp
2	7.8
3	8.7
4	8.5
5	8.1
6	9.7
7	n.s
8	9.8
9	n.s
10	n.s
11	9.9 9.8

Very poor series - few stars - 11:55

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B Series 631

Dex

June 23, 1919

10 – 20 B Sc 1 51909 Sc 2 Pole Yellow

		g	h	Pc
a	B	6.7	6.7	7.9
b	B	7.9	8.0	9.7 ?
c	3.9	7.7	7.9	8.9
d	4.8	8.3 8.5	8.5	9.8
e	4.5 4.7	9.0	9.0	n.s
f	5.3	9.3	9.5	
g	5.4	9.3	9.3	
h	4.3	8.1	8.3	9.9
k	6.5			
l	7.2			
m	7.3			
n	7.1			
o	7.5			
p	7.8			
q	8.1			
r	8.3			
s	8.7			
t	8.5			
u	9.0			
w	9.3			
x	9.5			
y	9.7			

B Series 631

Sc4

June 23, 1919

B 51911 Eg Yellow

	Sc 1	Sc 2		g	h	PC
1		4.5		8.5	8.5	
2		4.2	4.1	8.0	8.0	9.8
3		4.1		8.0	8.0	7
4		4.5		8.5	8.7	
5		5.1		9.1	9.3	
6		5.4		9.7	9.5	
7		5.5		7		
8		5.5		9.8	9.8	
9		6.5				
10		6.5				
11		6.1				
12		7.3				
13		7.5				
14		6.6				
15		6.3				
16		7.1				
17		8.3				
18		7.1				
19		7.3				
20		8.8				
21		8.5				
22		7.7				
23		9.3				
24		n.s				
25		9.8				
26		9.8				

B Series 631

ScY

June 23, 1919

B 51912 6 12 Yellow

	Sc1	Sc2	g 7.7	h 7.7	
1		3.8	7.9	8.0	9.7 9.5
2		B	7.3	7.3	9.1
3		4.3	8.3	8.3	7
3a		4.5	8.5	8.5	
4		B	7.7	7.7	8.7
5		4.0	8.0	8.1	9.8?
6		5.5	9.1	9.3	
7		5.5	9.5	9.5	
8		6.1			
9		6.3			
10		5.5	9.0	9.1	
11		6.7			
12		5.9	9.5	9.7	
13		7.3			
14		6.7			
15		6.7			
16		7.0			
17		7.5			
17a		7.5			
18		8.9			
19		9.3			
20		9.5 9.7			

11:45

B Series 638

ScV

June 23, 1919

1:15 B 51979 No 1 Yellow

	Sc1	Sc2		g	h	pc
1		5.3		8.9	9.0	
2		5.3		9.0	9.3 9.1	
3		4.0		7.5	7.5	9.3
4		5.3		9.0	9.0	
5		6.7		scr.		
6		6.1		9.7	+p	
6a		6.2		9.8	9.8:	
7		5.3		9.0	9.0	
7a		7.2				
8		7.1				
9		6.9	6.7			
10		6.5				
11		7.9				
12		8.5	8.3			
13	ww	7 ~~8~~.5				
14		8.7				
15		9.3				
16		9.5				
17		9.8				

B Series 638 :

Sev

June 24, 1919

B 51980 E. Yellow

Se1	Se2	g	h	pc
1	5,4	9,3	9.5	
2	6,1	~~8.1~~		
3	4.1	8.1	8.1	9.8
4	5.5	9.5	+/h	
5	5.3	9,3	9.3	
6	6.3			
7	6.7			
8	7.2			
9	6.5			
10	5.3	9.1	9.3	
11	8.2			
12	6.1			
13	7.3			
14	8.3			
15	8.1			
16	8.5			
17	7.9			
18	8.9			
19	9.8			

B Series 638

Sc V

June 24, 1919

B 51983 D 1 Yellow

Sc 1	Sc 2	g	h	
1	5.3	8.9	9.0	
2	5.3	9.0	9.1	
3	40	7.5	7.5	9.5
4	5.3	9.0	91	
5	6.7	ns		
6	6.0			
6a	6.1	9.0 ~~5.3~~	9.1	
7	5.3			
7a	7.1			
8	7.3			
9	6.9			
10	6.7			
11	7.8			
12	8.3			
13	7.3			
14	8.7			
15	9.2			
16	9.5			
17	98			

2'20