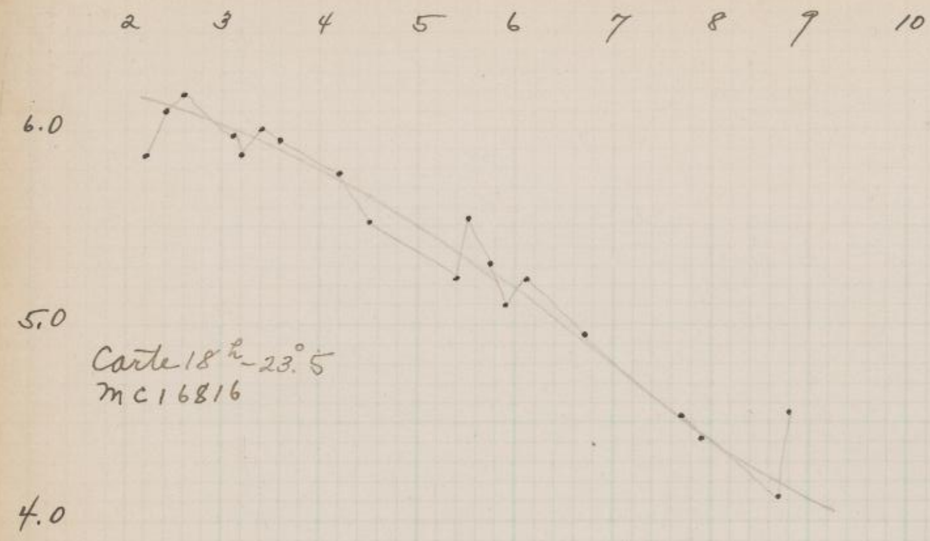
KG
11366
013

KG 11366.013

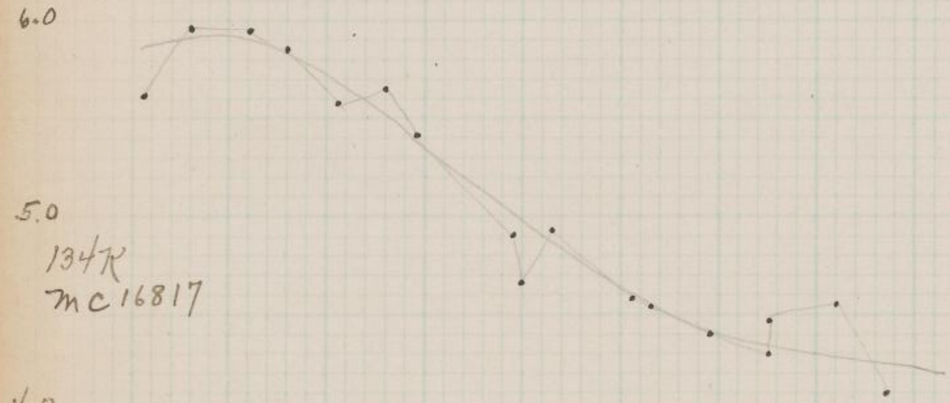
264:198-206

MC Series 487

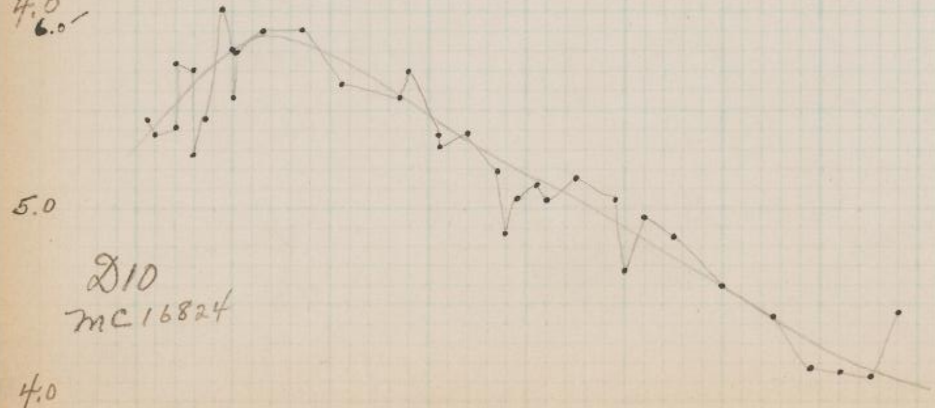
Scale V



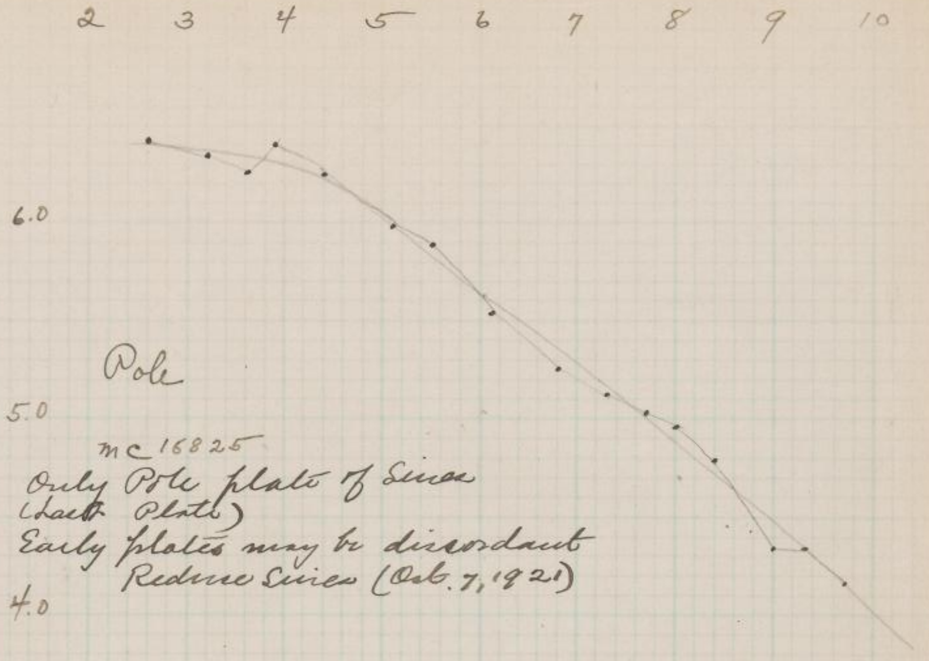
Carte 18h-23.5
MC16816



134K
MC16817



D10
MC16824



Pole

MC 16825
Only Pole plate of Series
(Last Plate)
Early plates may be discordant
Reduce Series (Oct. 7, 1921)

These curves were drawn for reducing Clusters NGC6603, M28, M25, and M22

Were preliminary magnitudes obtained?

Reduce the 4 Clusters from each of the 4 curves.

The correction for altitude will vary for each curve as follows:- (see alt. corr. in Journal)

	P	Carte	134K	D10
NGC6603	-27	+17	-09	-08
M 28	-52	-08	-34	-33
M 25	-30	+14	-12	-11
M 22	-49	-05	-31	-30

When copying, enter mean of magn. corr. for alt and give Remark stating what regions were used

KG 11366.013

KG 11366.012

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Plot ~~62~~ 217

10 - 05

M F Series 228

Del

March 18, 1920

M F 4455 Sc 1		Sc 2	b8 Diff	g		h	Diff	Pe		Diff
1	1.4 1.3		5.80	5.9	5.95	6.0	1.25	7.5		- 0.30
~~2~~	1.3 ~~1.2~~			~~+p~~		~~5.8~~		~~7.5~~		
3	2.2 2.1		5.89	6.7	6.70	6.7	1.39	8.2		-0.11
4	1.4 1.3		6.32	6.0	6.05	6.1	1.67	7.90 8.0	7.8	-0.18
~~5~~	1.4 ~~1.3~~			~~6.2~~		~~6.1~~		~~8.1~~		
~~6~~	1.6 ~~1.5~~			~~6.5~~		~~6.5~~		~~8.3~~		
6a	2.5 2.4		6.29	7.0	7.05	7.1	1.74	8.9		-0.11
~~7~~	3.0 ~~2.9~~			~~+p~~		~~+p~~		~~9.0~~		
8	2.8 2.7		6.17	7.3	7.30	7.3	1.67	9.0		-0.03
9	3.3 3.2		5.92	7.7	7.70	7.7	1.52	9.3		-0.08
10		~~4.2~~		~~7.9~~		~~8.0~~		~~9.5~~		
11		4.0	5.51	8.0	7.95	7.9	1.56	9.5		0.01
12		4.3	5.45	8.1	8.10	8.1	1.65	7		
13		~~4.2~~		~~7.9~~		~~8.0~~		~~7~~		
14		4.9	5.07	8.3	8.30	8.3	1.67	7		
15		5.3	5.06	8.7	8.70	8.7	1.66			
16		5.5	5.02	8.7	8.75	8.8	1.77			
17		~~6.0~~		~~9.3~~		~~9.5~~				
18		5.8	4.88	9.0	9.00	9.0	1.68			
19		~~6.0~~		~~9.3~~		~~9.3~~				
20		~~5.9~~		~~9.1~~		~~9.3~~				
20a		6.2	5.02	9.3	9.40	9.5	1.82			
21		6.5	4.92	9.7	9.70	7	1.72			
22		7.2	4.62 ↓							
23		~~7.5~~								
24		~~7.3~~								
25		7.7	4.56							
25a		8.0	4.67							
26		7.8	4.93							
27		8.0	5.31							
28		9.0	4.86							
29		8.9	5.08							
30		9.0	5.54							
31		9.5	5.48							
27a		8.5	5.18							

M7 Series 228

Copied 27:153

Sc V

March 18, 1920

alt cor +.02

M7 4460 E7

	Se1	Se2	Cu.	magn.	g0		h0	Cu.	magn.	pc	Cu.	magn.
1	B ~~1.2~~ w.s		·	w.s	5.8	5.00 00	5.8	1.51	6.51 w.s	7.5	-0.24	6.86
2	1.4 1, 3		6.20	7.60	5.5	5.50 00	5.5	1.55	7.05	7.5 q	-0.22	7.28
3	1.3 1, 2		6.20	7.50	5.3	5.30 00	5.3	1.54	6.84	7.5	-0.22	7.28
4	Sup		·		6.1	6.10	+/r	1.58	7.68	7.9 q	-0.21	7.69
5	2.1 2.0		6.22	8.32	5.9	6.00 L1	6.1	1.58	7.58	7.8 q	-0.21	7.59
6	2.1 2.0		6.22	8.32	6.1	6.10 00	6.1	1.58	7.68	7.9 q	-0.21	7.69
7	2.0 1.9		6.22	8.22	6.1	6.20 L1	6.3	1.58	7.78	7.8 q	-0.21	7.59
8	24 2.3		6.20	8.60	6.7	6.75 L0	6.8	1.58	8.33	8.7 q	-0.21	8.49
9	22 2.1		6.21	8.41	6.5	63 6.45	63 6.7	1.58	8.03	7.9 q	-0.21	8.69
10	30 2.9		6.08	9.08	7.1	7.10	Sup	1.58	8.68	9.0	-0.22	8.78
11	26 28 2.5 2.7 2.70 L1		6.14	8.84	Sup	7.10	7.1	1.58	8.68	9.0	-0.22	8.78
12	2.4 2.3		6.20	8.60	7.1	7.20	7.3	1.58	8.78			
13	26 2.5		6.16	8.76	7.5 q	7.30	7.1 7.3	1.58	8.88	9.2	-0.22	8.98
14	35 3.4		5.89	9.39	7.5	7.50	7.5	1.58	9.08			
15	35 3.4		5.89	9.39	7.5	7.50	7.5	1.58	9.08			
16	3.4 3.3		5.93	9.33	7.5	7.50	7.5	1.58	9.08			
17	3.5 3.4		5.89	9.39	7.7	7.70	7.7	1.57	9.27			
18	~~4.1~~	41	5.58	9.68	8.0	8.05	8.1	1.57	9.62			
19	~~4.1~~	4.1	5.58	9.68	8.1	8.10	8.1	1.57	9.67			
20		44	4 5.93	9.83 ~~10.33~~	8.0	8.05	8.1	1.57	9.62			
21		47	5.29	9.99	8.3	8.40	8.5	1.55	9.95			
22		5.2	5.10	10.30	8.9	8.85	8.8	1.53	10.38			
23		5.5	4 5.99	10.49	9.0	9.05	9.1	1.52	10.57			
24		5.5	4.99	10.49	8.9	8.95	9.0	1.52	10.47			
25		5.7	4.88	10.78	9.3	9.30	9.3	1.50	10.80			
26		6.3	4.80	11.10	9.7	9.60	9.5	1.49	11.09			
27		6.5	4.78	11.28	9.5	9.50	9.5	1.49	10.99			
28		6.8	4.73	11.53								

1920phae.prqj.1014L

MF Series 228

Dcv. March 18, 1920

MF 4460 (cont.)

	Sc1	Sc2	Cu.	magn.
29		6,8	4.73	11.53
30		7,1	4.70	11.80
31		7,3	4.70	12.00
32		7,5	4.74	12.24
33		7,7	4.76	12.46
34		7,7	4.76	12.46
35		8,0	4.80	12.80
36		8,5	4.89	13.59
37		8,5	4.89	13.39
38		8,9	4.95	13.85
39		9,1	4.99	14.09
40		9.3	5.02	14.32
41	Too close to br. st.			
42		9.7	5.11	14.81
43		9.8	5.13	14.93

All ~~diff~~ P.G. images poor - not circular - elongated

Copied 38', 84

Seq MF Series 228 for Nova Sagittarii No 6

Sc V

March 18, 1920

Alt corr +.07

MF 4465	Sc1	Sc2	cu.	magn.	g		h	cu.	magn.	Dc	cu.	magn.
1	20 190 1.8 1,9 1,7		6.22	8.12	5,1	5.20 1.1	5.3	1.52	6.72	7,5	-0.22	7.28
2	21 2,0		6.22	8.32	5,5	5.50 00	5,5	1.55	7.05	7.7	-0.22	7.48
3	24 2,3		6.20	8.60	6,1	6.10	Sup	1.57	7.67	8,1	-0.21	7.89
4	26 2,5		6.16	8.76	6,5	6.50	6,5	1.58	8.08	8,5	-0.21	8.29
5	32 3,1		6.00	9.20	6,9	6.95	7,0	1.58	8.53	7	.	7
6	36 3,5		5.83	9.43	7,3	7.40	7,5	1.57	8.97			
7	4,1		5.56	9.66	Sup	7.70	7.7	1.56	9.26			
8	5,0		5.18	10.18	8,7	8.70	8.7	1.53	10.23			
9	5,5		4.97	10.47	9,0	9.00	9,0	1.52	10.52			
10	5,7		4.92	10.62	9,1	9.20	9,3	1.51	10.71			
11	6,2		4.82	11.02	9,5	9.60	9.7	1.48	11.08			
12	6,7		4.74	11.44	7			.	7			
13	7,0		4.71	11.71								
14	6.8		4.73	11.53								
15	7,2		4.70	11.90								
16	8.0		4.80	12.80								
17	8,2		4.83	13.03								
18	8,3		4.84	13.14								
19	8,5		4.88	13.38								
20	8,7		4.92	13.62								
21	9,0		4.96	13.96								
22	Too close to another St			.								

Images elongated.

Plot 217 ~~52~~

MF Series 228

Sev

March 18, 1920

MF 4466 D 10

	Sc1	Sc2	Diff	g		h	Diff	pc	
1	1.3		.	~~4.9~~	4.95	5.0	1.89	6.9	– 0.06
2	1.2 1.1		6.21	5.7	5.70	5.7	1.71	7.7	– 0.29
3	1.1 1.0		6.24	5.7	5.70	5.7	1.64	7.60 7.7 7.5	– 0.26
4	1.4 1.3		6.44	6.0	6.05	6.1	1.79	8.0	– 0.16
~~5~~	2.1 ~~2.0~~		.	~~6.9~~	6.80	~~6.7~~		~~8.7~~	.
6	2.3 2.2		6.20	Sufr		Sufr		9.0	– 0.50
7	2.0 1.9		6.29	6.8	6.85	6.9	1.44	8.7	– 0.41
8	3.0 2.9		6.10	7.5	7.50	7.5	1.60	9.5	– 0.40
9	3.2 3.1		6.20	7.8	7.85	7.9	1.55	9.8 ?	– 0.40
10		4.0	5.69	8.3	3 8.~~4~~0	8.3	1.39		
11		4.60 4.5	5.44 4.7	8.7	8.70	8.7	1.34		
12		5.60 5.7	4.89 5.5	9.3	9.30	9.3	1.19		
13		6.1	4.63	9.7	9.70	9.7	1.03		
14		~~6.3~~							
15		6.5	4.67						
16		6.7	4.82						
17		7.2	4.70						
18		8.0	4.35						
19		8.3	4.44						
20		8.5	4.37						
21		8.9	4.58						
22		9.10 9.0	4.74 92						
23		~~9.5~~							
24		9.7	4.53						

2h 00

Plot ~~62~~ 217

B Series 196 – (2nd half)

ScV

March 22, 1920

10:10 B 197 D 11

	Sc2	~~Sc2~~ Diff	g elong	h elong	w.s	PC	
1	B	.				~~8.5~~ 9.0	-2.19
2	3.8	3.28	7.0 7.05	7.1	0.03	9.3	-2.22
3	4.5	3.17	7.5 7.50	7.5	0.17	9.7	-2.03
4	4.5	3.41	7.7 7.70	7.7	0.01	9.8	-1.89
5	5.0	3.30	8.1 8.10	8.1	0.20	F	.
6	5.1	3.36	8.3 8.30	8.3	0.16		
7	5.5	3.33	9.0 9.00	9.0	-0.17		
8	5.8	3.23	9.5 9.50	9.5	-0.47		
10	6.3	3.15	9.8 9.80	9.8	-0.35		
12	6.8	3.05	F		.		
14	6.9	3.07					
15	7.3	3.10					
16	7.7	3.00					
17	7.9	3.12					
20	8.3	3.09					
23	8.9	2.96					
24	9.3	3.10					
25	9.5	3.27					
26	9.8	3.10					

Copied ~~53~~ 45; 161

B Series 196

ScV

March 22, 1920

Alt. Cor. +.07

B 47198 W Capricorni 20 h 09 m − 22°.3

	Sc 1	Sc 2	Cu	Magn	g	h			bc
a	.	47	3.58	8.28	8.3 8.40	8.5	0.$\overset{0}{8}$0	8.$\overset{4}{7}$0	n.s
a'		5.3	3.47	8.77	8.9 8.95	9.0	−0.1$\overset{5}{9}$	8.80 ~~9.14~~	
b		5.9	3.33	9.23	9.7 9.70	9.7	−0.35 ~~0.04~~	9.35 ~~9.74~~	
b'		6.9	3.08	9.98	n.s	n.s	.	.	
c		5.7	3.38	9.08	9.3 9.30	9.3	−0.27 ~~0.13~~	9.03 ~~9.43~~	
d		7.9	3.06	10.96					
e		8.1	3.07	11.17					
f		8.8	3.08	11.88					
g		9.40 9.3 9.5	3.11	12.51					
h		n.s	,	,					
k		8.7	3.08	11.78					
l		n.s							

Copied Bk 45; 165

Alt. Cor. +.07

B 47199 RU Capricorni. 20 27 − 22 (Marked from B 45943)

			cu.	magn.			cu.	magn.
a	6.5		3.15	9.65	9.7 9.75	9.8	−0.44	9.31
b	7.40 7.3	7.5	3.06	10.46				
c	7.0		3.07	10.07				
f ~~d~~	6.9		3.08	9.98				
e	7.8		3.06	10.86				
d ~~f~~	7.1		3.06	10.16				
~~g~~	~~7.9~~	~~7.7~~	`	.				
h	7.9		3.06	10.96				
k	7.7		3.06	10.76				
l	7.9		3.07	10.97				
l'	8.0		3.07	11.07				
m	8.9		3.09	11.99				
n	8.40 8.3	8.5	3.07	11.47				
o	9.5		3.12	12.62				
o'	9.7		3.14	12.84				
o²	9.8		3.14	12.94				
p	9.3		3.11	12.41				

See note on cover of 45943

B Series 196

Sc V   March 22, 1920   Alt. Corr. +.07

B47200 RR Capricorni →

?

Seq on chart not the same as on MC 5314 J.M. will correct

	Sc 1	Sc 2	curve	magn		~~pc~~	pc	cu mgn
a		7.1	3.64	7.54	A	3.9	8.7	−2.25 6.45
b		8.0	3.30	9.30	B	6.0	ns	
c		9.1	3.50	8.70	C	5.2		
d		8.7	3.26	9.36	D	6.1		
e			3.06	10.26	a	7.2		
f			3.06	10.76	b	7.7		
g			3.08	11.98	c	9.0	8.99 ! 8.8	
			3.07	11.57	d	8.5		
h		9.7	3.10 ~~3.07~~	12.20	e	9.1		
k		9.5	3.11	12.41	f	9.3		
			3.14	12.84	g	9.7		
				n.s	h	ns		

B47201 W Aquarii 20· 41 — 4 Marked f 1927 [illegible] 7.9

Alt. corr. +.06

α 3.4 3.3

	Sc		cu.	magn.	g		h	cu	magn
a	5.3		3.46	8.76	8.3	8.20 !!	8.1	+0.04	8.24
b	5.9		3.33	9.23	8.9	8.98 !0	9.0	−0.16	8.79
c	6.3	~~6.40~~ 6.20 ! 6.1	3.22	9.42	9.1	9.10	00 9.1	−0.21	8.89
d	6.0		3.29	9.29	8.9	8.90	Sup	−0.14	8.76
e	6.6		3.16	9.76	9.3	9.40 !!	9.5	−0.30	9.10
f	7.1		3.06	10.16					
g	7.3		3.06	10.36					
h	7.5		3.05	10.55					
k	7.5		3.05	10.55					
l	7.9		3.06	10.96					
l'	7.7		3.06	10.76					
m	8.3		3.07	11.37					
n	8.5		3.07	11.57					
o	8.8		3.08	11.88					
p	9.0		3.10	12.10					
q	9.3		3.11	12.41					
r	9.8		3.15	12.95					

Copied 45' 168

assumed 5.3+

T Aquarii

	Sc	cu	magn				cu	mags.
e	+ 5.3	3.47	8.77	8.0	8.05	8.1	+0.07 elong	8.12
k	6.5	3.14	9.64	ns				ns

B Series 196

S. c. V. March 22, 1920 Alt. Corr. -.54

B 47202 T Octantis 20 57 - 82.5 (Marked p. 45757)

	Sc 1	Sc 2	cu	magn	J elong		h elong	cu	magn	pc	cu.	magn
a		4.6	3.60	8.20						9.5	-1.94	7.56
b		5.5	3.43	8.93	8.5	8.50	8.5	-0.12 ~~3.07~~	8.38			
b'		5.7	3.38	9.08	8.9	8.90	8.9	-0.14 ~~3.08~~	8.76			
b²		6.1	3.25	9.35	9.1	9.20	9.3	-0.24 ~~3.10~~	8.96			
c		6.2	3.23	9.43	9.3	9.30	9.3	-0.27 ~~3.11~~	9.03			
d		6.6	3.13	9.73	7				7			
d'		7.3	3.06	10.36								
e		7.5	3.05	10.55								
f		7.5	3.05	10.55								
g		7.60 7.5 7.7	3.06	10.66								
h		8.0	3.07	11.07								
k		8.2	3.07	11.27								
l		8.5	3.07	11.57								
l'		8.9	3.08	11.98								
l²		9.0	3.09	12.09								
m		9.2	3.10	12.30								
m'		9.5	3.13	12.63								
n		9.9	3.16	13.06								
n'		n.s	.	n.s								
h'		9.3	3.11	12.41								

Copied 45' 173

Plat ~~51~~ 217

B Series 196

SeV

March 22, 1920

B 47203 SD 11

	Sc1	Sc2 Diff	g		h	Diff	Ps		
1	B	·	6.7	6.80	6.9	0.01	9.0	8.90 8.8	-2.09
2	30 2.9	4.08	7.0	7.00	7.0	0.08	9.0		-1.92
3	3.8	3.87	7.7	7.70	7.7	-0.03	9.5		-1.83
4	4.0	3.91	7.9	7.90	along	0.01	9.7		-1.79
5	4.4	3.90	8.3	8.30	8.3	0.00	7		
6	4.3	4.16	8.3	8.30	8.3	0.16			
7	4.9	3.93	8.9	8.95	9.0	-0.12			
8	5.3	3.73							
10	6.1	3.35							
12	6.7	3.15							
14	7.0	2.94							
15	7.3	3.10							
16	7.7	3.00							
17	8.0	3.02							
20	8.3	3.09							
23	8.7	3.16							
24	9.2	3.20							
25	9.5	3.07							
26	9.9	3.00							

1:00

11:45 B Series 204 (1st half) 218 ~~Plat 53~~

DcV March 23, 1920

B
~~Mc~~ 47276 D 11

	Sc1	Sc2		Diff	g		h		FC	Alt. Corr. —
1	B			.	6.1		+p	0.71	8.0	– 1.19
2	B			.	6.3		elong.	0.78	8.3	– 1.22
3	3.9 3.8 3.95	4.0		3.72	7.1		"	0.57	9.0	– 1.33
4		4.2		3.71	7.5		"	0.41	9.2	– 1.29
5		4.6		3.70	7.9	7.95	8.0	0.35	9.7	– 1.40
6		4.5		3.96	8.0	8.00	8.0	0.46	9.8	– 1.34
7		5.0		3.83	8.5	8.40	8.3	0.43		
8		5.3		3.73	8.8	8.90	9.0	0.13		
10		5.7		3.75	9.5	9.50	9.5	– 0.05		
12		6.40 6.5	6.3	3.45						
14		6.7		3.27						
15		7.1		3.30						
16		7.5		3.20						
17		7.7		3.32						
20		8.0		3.39						
23		8.7		3.16						
24		9.0		3.40						
25		9.40 9.5	9.3	3.17						
26		9.8		3.10						

Sc V

B Series 204 - (1st half)
March 22, 1920

Alt. Corr +.08

B 47277 W Capricorni 20h 9 — 22.3

	Sc 1	Sc 2	Cu	Magn	g		h	Cu 0.43	Magn	PC		
a		4.4	3.81	8.21	7.8		7 p clong		8.23	9.5	−1.30	8.20
a′		5.1	3.84	8.94	8.5	8.40	8.3	0.30	8.70	7	,	,
b		5.5	3.81	9.31	8.9	8.95	9.0	0.19	9.14			
b′		6.5	3.60	10.10	7			.	.			
c		5.5	3.81	9.31	8.7	8.70	8.7	0.24	8.94			
d		7.5	3.42	10.92								
e		7.7	3.38	11.08								
f		8.3	3.29	11.59								
g		8.8 90	3.24	12.04								
h		9.3	3.22	12.52								
k		8.5	3.27	11.77								
l		9.1	3.22	12.32								
m		9.5	3.19	12.69								
n		9.7	3.18	12.88								
o		7	,	,								

Copied 45 S3:161

Sc V

204
B Series, (1st half)

March 23, 1920

Alt. corr. +08

B 47278 Eros 20^h 35 – 20

	Sc 1	Sc 2	Cu	Magn	g		h	Cu		PC		
1		4.3	3.80	8.10	+p		7.8	0.43	8.23	9.7 –	131	8.39
2		5.2	3.84	9.04	8.7	8.60	8.5	0.26	8.86			
3		5.6	3.80	9.40	9.0	8.95	8.9	0.19	9.14			
4		5.5	3.81	9.31	9.0	9.00	9.0	0.18	9.18			
5		6.0	3.74	9.74	9.5	9.60	9.7	0.06	9.66			
6		6.4	3.62	10.02								
7		6.7	3.56	10.26								
8		7.5	3.42	10.92								
9		7.7	3.38	11.08								
10		7.9	3.35	11.25								
11		8.1	3.32	11.42								
12		8.3	3.29	11.59								
13		8.5	3.27	11.77								
14		8.9	3.23	12.13								
15		9.0	3.22	12.22								
16		9.3	3.20	12.50								
17		9.7	3.18	12.88								

2.5

Sc V

B Series 204 – (1st half)

March 23, 1920

B 47280 I Octantis g 20 57 – 82.5

	Sc 1	Sc 2	Cu	Magn	g		h	Cu	Magn	sc	Alt. Corr. –.52
a		4.1	3.78	7.88	elong		elong	Cu	Magn	9.1	– .29 8.81
b		5.0	3.84	8.84	8.0		+h 8.0	0.39	8.39	9.8	– 1.31 8.49
b'		5.6	3.80	9.40	8.7	8.80 1,1	8.9	0.23	9.03		
b²		5.9	3.75	9.65	9.0	9.05 0 1	9.1	0.17	9.22		
c		5.7	3.79	9.49	8.9	8.95 1 0	9.0	0.19	9.14		
d		6.3	3.65	9.95	9.5	9.50 0 0	9.5	0.10	9.60		
d'		6.9	3.53	10.43							
e		7.1	3.50	10.60							
f		7.0	3.51	10.51							
g		7.5	3.50	10.60							
h		7.7	3.38	11.08							
h'		9.1	3.21	12.31							
K		7.9	3.35	11.25							
l		8.1	3.32	11.42							
l'		8.5	3.27	11.77							
l²		8.7	3.25	11.95							
m		8.95 9.0	3.22 8.9	12.17							
m'		9.1	3.21	12.31							
n		9.5	3.19	12.69							
ξ		9.7	3.18	12.88							
o		9.8	3.17	12.97							

Copied 45' 173

218
Pl 01–~~53~~

B Series 204 – (1st half)

ScV

March 23, 1920

B 47281 b 11

	Sc1	Sc2	Diff	g		h	Diff	PC	
1	B		.	6.0	6.05	6.1 elong	0.76	8.0	– 1.19
2	B		.	6.3	6.30	6.3	0.78	8.3	– 1.22
3		3.9	3.77	7.0		tp	0.67	8.9	– 1.23
4		4.1	3.81	7.5		elong	0.41	9.1	– 1.19
5		4.4	3.90	8.0	8.00	8.0	0.30	9.7	– 1.40 ~~0.30~~
6		4.4	4.06	7.9	7.95	8.0	0.51	9.7	– 1.24
7		4.9	3.93	8.5	8.50	8.5	0.33		
8		5.3	3.73	8.7	8.70	8.7	0.33		
10		5.6	3.85	9.1	9.10	9.1	0.35		
12		5.9	3.95						
14		6.2	3.77						
15		6.7	3.70						
16		7.1	3.60						
17		7.5	3.52						
20		7.9	3.49						
23		8.7	3.16						
24		9.0	3.40						
25		9.3	3.27						
26		9.7	3.20						
27		9.9	3.24						

1.50

11 - 00

Se V

B Series 443. (For relative Magnitudes) of Seq 147K and Cont on B49715

Sheet 218

April 15, 1920

B 49712. 201 K (Plot) From BK 48:93

Se 1	Se 2	Diff BK 48:93	PC	
1	6.5	2.92	9.5	-0.08
2	6.7	2.97	9.8	-0.13
3	6.5	3.22	9.5	+0.22
4	6.9	3.04		
5	7.3	3.16		
6	7.5	3.58		
7	7.7	3.53		
8	8.0	3.30		
9	8.2	3.40		
10	8.5	3.38		
11	8.7	3.36		
12	8.9	3.34		
13	8.9	3.48		
14	9.3	3.31		
15	9.5	3.11		
16	9.7	3.24		

B Series 443 (cont.)

ScV

April 15, 1920

Sheet 218

B 49713 168 K (Plot) from BK 48:60

	Sc 1	Sc 2	Diff. BK$_{48}$:60
1		4.1	3.59
2		5.2	3.36
3		6.0	3.17
4		6.3	3.37
5		6.6	3.68
6		7.3	3.51
7		7.5	3.59
8		7.6	3.84
9		7.9	3.70
10		8.3	3.76
11		8.5	3.93
12		8.7	3.90
13		8.9	4.09
14		9.4	4.24
15		9.7	4.25

Pc		Diff
8.8	8.65 8.5	-0.96
9.7	9.60 9.5	-1.04

B Series 443 (cont.)

Apr 15, 1920

Se V

B 49715 147 K _ Carte_

Cor. alt. — Mean cor. for alt. — Magn

Se 1	Se 2	Cum 201K	168K	Prim 201K +.45	P 168K +.17		P.C 201K ~~+.45~~	P.C 168K ×.17	PC	Cum 201K +.45	168K +.17 ~~mean~~ cor for alt
1	5.0	e	3.38	e	8.38	8.55	e	8.29	8.44 9.3	e ~~+0.08~~	-1.01
2	5.6	e	3.36	e	8.96	9.13	9.62 R	8.82	8.29 9.8	-0.18	-1.08
3	6.4	2.90	3.40	9.30	9.80	9.86	.	.			
4	6.7	3.03	3.46	9.73	10.16	10.26	.	.			
5	6.8	3.08	3.48	9.88	10.28	10.44	.	.			
6	7.3	3.~~30~~ 26	3.57	10.56	10.87	11.02	.	.			
7	7.5	3.30	3.60	10.80	11.10	11.26	.	.			
8	7.9	3.36	3.72	11.26	11.62	11.75	.	.			
9	8.1	3.38	3.78	11.46	11.88	11.98	.	.			
10	8.3	3.39	3.83	11.69	12.13	12.22	.	.			
11	8.7	3.38	3.97	12.08	12.67	12.68	.	.			
12	9.0	3.34	4.05	12.34	13.05	13.20	.	.			
13	9.5 9.7 9.60	3.23	4.24	12.83	13.84	13.64	.	.			

Carte
7h - 31°.5

Se 1	Se 2	Cum 201K	168K	Prim 201K +.45	P 168K +.17	P.C 201K +45	P.C 168K +17	PC	Cum 201K +.45	168K +.17
a	4.0	e	3.50	.	7.50	e	7.36	8.3	e ~~-0.94~~	-0.94
B	4.3	e	3.46	.	7.76	.	.	Sup	. .	.
C	5.2 5.0 5.10	e	3.38	.	8.48	9.52	8.53	9.7 9.5 9.60	-0.08	-1.07
D	5.6	e	3.35	.	8.95	9.62	8.72	9.8	-0.18	-1.08 ~~1.08~~
E	6.0	e	3.36	.	9.36	.	.			
F	6.3	2.85	3.39	9.15	9.69	.	.			
G	6.5	2.93	3.41	9.43	9.91	.	.			
H	7.1	3.19	3.52	10.29	10.62	.	.			
K	7.5	3.30	3.60	10.80	11.10	.	.			
L	8.0	3.37	3.73	11.37	11.73	.	.			
M	8.8	3.38	4.00	12.18	12.80	.	.			
N	9.1	3.34	4.08	12.44	13.18	.	.			
O	9.7	3.21	4.28	12.91	13.98	.	.	12 - 10		

10 —

Sc V

B Series 164

April 16, 1920

Cor. alt

+.15 −.31 −.24

B 46847 – 147 K – Carte – 7 02 – 30.8

		Sc 1	Sc 2	4.20	20 K	Curves Carte −16.5	Carte −51.5	K	Magn. −16.5	−51.5	~~Mean Cor.~~ PC			Mean	
147 K		1	4.3	4.1	3.62	4.13	3.93	7.82	8.33	8.13	7.97	8.02	7.89	7.96	01 06 07
		2	5.1		3.70	4.04	3.91	8.80	9.14	9.01	8.95	8.83	8.77	8.85	10 02 08
		3	6.0	5.90 5.8	3.68	3.96	3.79	9.58	9.86	9.69	9.73	9.55	9.45	9.58	15 03 13
Magn's from		4	6.5		3.59	3.89	3.71	10.09	10.39	10.21	10.24	10.08	9.97	10.10	14 02 13
		5	6.8		3.51	3.87	3.70	10.31	10.67	10.50	10.45	10.36	10.26	10.36	09 00 10
		6	7.7	7.60 7.5	3.33	3.79	6 3.68	10.93	11.39	11.26	11.08	11.08	11.02	11.06	02 02 04
		7	8.0		3.27	3.73	3.63	11.27	11.73	11.63	11.42	11.42	11.39	11.41	01 01 02
		8	8.5		3.16	3.69	3.62	11.66	12.19	12.12	11.81	11.88	11.88	11.86	05 02 02
		9	8.7		3.13	3.67	3.62	11.83	12.37	12.32	11.98	12.06	12.08	12.04	06 02 04
		10	9.0		3.10	3.63	3.62	12.10	12.63	12.62	12.25	12.32	12.38	12.32	07 00 06
		11	9.3		3.07	3.59	3.63	12.37	12.89	12.93	12.52	12.58	12.69	12.60	08 02 09
		12	n.s.		.	.	.	.	.						
		13	n.s.		.	.	.	.	.						

+.15 −.24
Magn
K −51.5

							+.15	−.31	−.24	Cum	K −16.5 −51.5			
+17	Carte 7h −31°.5	a	3.8	3.58	e 4.17	3.94	7.38	e 7.17	7.74	9.0	~~7.46~~	.	−0.83 ~~e~~	7.54 8.17
294		B	4.1	3.60	4.13	3.94	7.70	8.23	8.04 ~~12.33~~	9.5	e	.	e	. .
.		C	5.0	3.69	4.06	3.92	8.69	9.06	8.92					
1.07		D	5.7	3.70	3.98	3.82	9.40	9.68	9.52					
1.08 ~~1.08~~		E	6.2	3.64	3.92	3.74	9.84	10.12	9.94					
		F	6.5	3.59	3.89	3.71	10.09	10.39	10.25					
		G	7.0	3.48	3.85	3.69	10.48	10.85	10.69					
		H	7.3	3.41	3.82	3.68	10.71	11.12	10.98					
		K	7.5	3.36	3.79	3.67	10.86	11.29	11.17					
		L	8.9	3.28	3.63	3.62	12.18	12.53	12.52					
		M	9.7	3.03	3.57	3.67	12.73	13.27	13.37					
		N	n.s.	.		.								
		O	n.s.	.		.								

B Series 164 Sheet 219

Sc4 April 16, 1920 Plt from BK48:94

~~MC~~ B 46848 202 K 8 29 — 75.1

	Sc 1	Sc 2	Diff BK48:94	pc	Diff.
1	3.0 3.1		3.62	8.0	-1.28
2	3.9 4.0 4.00	4.0	3.47 ~~3.0~~	8.9	-1.43
3		5.1	3.64	ns	.
4		5.5	3.92		
5		6.3	3.64		
6		6.7	3.50		
7		7.5	3.42		
8		8.1	3.12		
9		8.3	3.23		
10		8.7	3.14		
11		9.1	3.08		
12		9.5 9.60 9.7	2.94		
13		9.9	3.33		

Images not circular

Sc V

B Series 164

April 16, 1920

B 46849 149 K – Cart 9 02 – 31 0

cn alt. ~~.08~~ -01 ~~.24~~ 38 ~~-08~~ -.31 +.15

		Sc 1	Sc 2	K	Curve -16°.5	-57°.5	K	Mag. -16.5	-51.5	pc K -16 -51
149 K	1		4.6	3.67	4.10	3.93	.12 8.27	39 8.70	29 8.53	9.7 e . e
	2		5.5	3.70	4.00	3.86	35 9.20	19 9.50	12 9.36	
Images non-elongated.	3		6.1	3.66	3.93	3.77	91 9.76	9.72 10.03	63 9.87	
	4		6.7	3.53	3.87	3.70	38 10.23	26 10.57	16 10.40	
	5		7.20 7.3 7.1	3.42	3.82	3.68	77 10.62	10.71 11.02	64 10.88	
	6		7.1	3.46	3.83	3.68	71 10.56	62 10.93	54 10.78	
	7		7.5	3.36	3.80	3.67	11.01 10.86	10.99 11.30	10.93 11.17	
	8		7.7	2 3.32	3.78	3.65	17 11.02	17 11.48	11 11.35	
	9		7.5	3.36	3.80	3.67	11.01 10.86	10.99 11.30	10.93 11.17	
	10		7.7	3.32	3.78	3.65	17 11.02	17 11.48	11 11.35	
	11		8.1	3.23	3.73	3.63	48 11.33	52 11.83	49 11.73	
	12		8.90 8.8 9.0	3.11	3.64	3.62	16 12.01	23 12.54	28 12.52	
	13		9.60 9.7 9.5	3.04	3.57	3.66	79 12.64	12.86 13.17	02 13.26	
	14		ns							38 01 ~~+.15~~ -.24 K -.515
Cart							38 ~~+.15~~	-08 -.31	01 ~~-08~~ -.24	
	1		4.2	3.62	4.12	4 3.93	7.82	8.32	8.14	9.0 ~~-1.43~~ . -0.84 7.57 8.16
	2		4.7	3.67	4.09	3.93	8.37	8.79	8.63	9.7 e . . .
Images elong.	3		5.3	3.70	4.03	3.89	9.00	9.33	9.19	
	4		5.9	3.68	3.96	3.79	9.58	9.86	9.69	
	5		6.40 6.3 6.5	3.60	3.90	3.72	10.00	10.30	10.12	
	6		6.8	3.52	3.87	3.70	10.32	10.67	10.50	
	7		7.1	3.46	3.83	3.68	10.56	10.93	10.78	
	8		7.6	3.33	3.80	3.65	10.93	11.40	11.25	
	9		7.9	3.28	3.75	3.63	11.18	11.65	11.53	
	10		8.0	3.27	3.74	3.63	11.27	11.74	11.63	
	11		8.60 8.7 8.5	3.15	3.68	3.62	11.75	12.28	12.22	
	12		8.9	3.11	3.63	3.62	01 12.52	12.53	12.52	
	13		9.0	3.10	3.62	3.62	10 12.62	12.62	12.62	
	14		9.7	3.03	3.55	3.67	12.73	13.25	13.37	

B Series 164 Sheet 219

Sc1

April 16, 1920

B 46850 North 11 u - 51.5 Plts from BK 35 p.161

	Sc1	Sc2	Diff.		
1	3.5 3.6		3.85	8.0	-0.55
2	4.0 4.1 4.10	4.1	4.06	9.0	-0.84
3		5.1	3.89		
4		5.3	3.82		
5		5.5	3.92		
6		5.5	4.00		
7		6.1	3.55		
8		6.7	3.68		
9		7.1	3.76		
10		7.3	3.66		
11		7.6	3.80		
12		7.8	3.67		
13		8.7	3.33		
14		8.9	3.81		
15		9.5	3.64		

B Series 164

Sct April 16, 1920

Sheet 219

B 46851 Carte 11 0 – 16.5 Plt from BK35, p 65

	Sc1	Sc2	Diff.		
1		4.1	4.45	9.3	-0.75
2		5.5	3.88		
3		6.1	3.97		
4		6.7	3.91		
5		6.9	3.80		
6		7.1	3.80		
7		7.3	3.60		
8		7.5	3.80		
9		7.9	3.88		
10		8.1	3.73		
11		8.5	3.70		
12		8.5	3.72		
13		9.0	3.57		
14		9.2	3.66		
15		9.7	3.28		
16		9.5	3.94 f =		

12:05

1-20

ScV

B Series 661

April 17, 1920

Plat 209

B 52246 D4

	Sc1	Sc2.	Diff
1	3.3 3.2		3.41
2	4.0 3.9 405	4.1	3.76
3		4.3	3.02
4		4.5	3.24
5		5.1	3.31
7		5.5	3.24
8		5.7	3.17
9		6.1	3.24
11		6.5	3.45
13		6.7	3.49
14		7.2	3.54
16		7.6	3.50
17		7.9	3.60
18		8.3	3.63
19		8.60 8.7	3.52 8.5
20		9.0	3.50
22		9.3	3.48
23		9.5	3.50
24		9.8	3.77

pc	
8.1	-1.39
8.8	-1.59
9.0	-1.68
9.3	-1.56
ns	

B Series 661

Sc V

April 17, 1920

B 52247 _ 147 K _ Carte 7 02 - 308 alt. corr. +.05

	Sc 1	Sc 2	cu	magn.	
1		5,0	3.22	8.22	Copied Bk 34; 133
2		5.7	3.28	8.98	
3		6,3	3.37	9.67	
4		6,5	3.40	9.90	
5		6,9	3.46	10.36	
6		7,2	3.50	10.70	
7		7.7	3.54	11.24	
8		7,9	3.54	11.44	
9		8,1	3.54	11.64	
10		8,3	3.55	11.85	
11		8,5	3.55	12.05	
12		8.9	3.56	12.46	
13		9.5	3.56	13.06	

Carte –

			cu.	magn.
8,5			- ~~2.0~~ 1.50	7.00

A	B		cu.	magn.	Copied Bk. 35; 108
B		4.2	3.17	7.37	
C		5,0	3.23	8.23	
D		5.5	3.26	8.76	
E		6,1	3.34	9.44	
F		6.5	3.40	9.90	
G		6,7	3.43	10.13	
H		7,1	3.48	10.58	
K		7.7	3.54	11.24	
L		8,0	3.54	11.54	
M		8,9	3.56	12.46	
N		9,3	3.56	12.86	
O		9,7	3.55	13.25	

Sc V

B Series 661

April 17, 1920

Copied Bk 27; 37

Copied Bk 31; 40

B 52253 D5

Alt. corr. + .04

	Sc 1	Sc 2	Cu.	Magn.	P C 8.40" 8.5	Cu -1.46	magn.
1	3.1 3.2		3.12	6.32	8.3 i long		6.94i
2	3.3 3.4		3.13	6.53	8.9	-1.59	7.31
3	3.1 3.2		3.12	6.32	8.5	-1.50	7.00
4		3.8	3.15	6.95	9.1	-1.62	7.48
5		4.0	3.18	7.18	n.s		
6		4.1	3.18	7.28			
7		4.2	3.18	7.38			
8		4.60!! 4.5 47	3.20	7.80			
9		4.9	3.20	7.90			
10		5.3	3.25	8.55			
11		5.5	3.27	8.77			
12		5.9	3.31	9.21			
13		6.3	3.37	9.67			
14		6.7	3.43	10.13			
15		6.5	3.40	9.90			
16		6.5	3.40	9.90			
17		6.8	3.45	10.25			
18		7.1	3.49	10.59			
19		7.3	3.50	10.80			
20		8.0	3.54	11.54			
21		8.3	3.55	11.85			
22		8.5	3.55	12.05			
23		9.0	3.56	12.56			
24		8.9	3.56	12.46			
25		9.0	3.56	12.56			
26		9.5	3.56	13.06			
27		7					

2.5 P

Plot 209

10-30

Sc 4

B Series 711

April 24, 1920

B 52847 b 8

	36 Sc 1	Sc 2	Diff	PC
1	3.5 3.60	3.6	3.60	8.3 – 112
3		4.4	3.69	9.0 – 091
4		tp	.	8.5 ~~8.1~~ – 078
8		5.0	3.97	F
9		5.2	4.02	
11		5.5	4.01	
12		5.8	3.95	
14		6.0	3.97	
15		6.5	3.86	
16		6.6	3.92	
18		6.7	3.98	
21		7.3	4.12	
22		7.7	4.12	
25		8.3	3.96	
26		8.7	4.03	
27		9.5	3.81	
28		F	.	
25a		8.8	3.87	

ScV

B Series 711

April 27, 1920

B 52848 D 8

Alt. corr. +.07

Copied Bb 27; 60

Copied Bb 27; 64

	Sc 1	Sc 2	Cu		PC	Cu.	Magn.
13.2	3.1		3.74	6.94	7.8	-0.94	6.86
2		+p	.	.	8.1	-0.94	7.16
3		4.0	3.90	7.90	8.3	-0.94	$\overset{7}{8}.36$
4		+p	.	.	8.5	-0.94	$\overset{7}{8}.56$
5		4.0	3.90	7.90	8.5	-0.94	$\overset{7}{8}.56$
6		4.2	3.92	8.12	8.8	-0.91	$\overset{7}{8}.89$
7		4.0	3.90	7.90	8.5	-0.94	$\overset{7}{8}.56$
8		4.0	3.90	7.90	8.8	-0.92	7.88
9		4.3	3.93	8.23	9.0	-0.90	8.10
10		4.9	4.01	8.91	9.5	-0.85	8.65
11		5.1	4.02	9.12	9.7	~~-0~~	.
12		5.4	4.03	9.43	7		
13		5.7	4.04	9.74			
14		6.1	4.03	10.13			
15		6.3	4.02	10.32			
16		6.5	4.02	10.52			
17		6.7	4.03	10.73			
18		7.0	4.05	11.05			
19		7.5	4.09	$11.\overset{5}{4}9$			
20		7.5	4.09	$11.\overset{5}{4}9$			
21		7.7	4.10	11.80			
22		7.8	4.10	11.90			
23		7.5	4.09	11.59			
24		7.9	4.10	12.00			
25		8.5	4.10	12.60			
26		8.8	4.08	12.88			
27		9.1	4.04	13.14			
28		9.3	4.01	13.31			
29		9.7	3.97	13.67			

Copied 45.'47

B Series 711

ScV

April 24, 1920

B 52849 (Ref Seq) W Lupi

Alt. corr. -.01

	Sc1	Sc2	Cu.	Magn.	PC	Cu.	Magn.
1	B	B			6.9		
2	3.4 3.5		3.80	7.30	8.0	-0.94	7.06
3		3.8	3.86	7.66	8.5 8.8 8.65±2	-0.92	7.73
4		4.7	3.99	8.69	9.8	-0.91	8.89
5		5.3	4.03	9.33			
6		5.9	4.03	9.93			
7		6.2	4.02	10.22			
8		6.5	4.02	10.52			
9		6.7	4.03	10.73			
10		6.9	4.05	10.95			
11		7.5	4.10	11.60			
12		7.7	4.10	11.80			
13		7.9	4.10	12.00			
14		8.1 8.3 8.20±1	4.10	12.30			
15		8.8 8.7 8.75±1	4.09	12.84			
16		9.1	4.04	13.14			
17		9.7	3.97	13.67			

Images poor shape - slightly elong.

Raining - light - very poor.

B Series 711

April 27, 1920

ScV

Copied BK45, 212

B 52850 Pole

Alt. corr. -.93

	Sc 1	Sc 2	Cu.	magn.	PC	Cu.	magn.
a	2.8 2.9		3.68	6.58	7.2	.	.
b	3.3 3.4		3.78	7.28	8.0	-0.94	7.06
l' ~~k'~~		5.5	4.03	9.53			
c	3.5 3.6	3.65 0' 3.7	3.83	7.48	8.3	-0.94	7.36
d		4.0	3.89	7.89	8.7	-0.92	7.78
e		w.s ~~4.0~~ 3.5	3.80	7.30	8.5	-0.94	$7.\overset{5}{\cancel{4}}6$
e'		4.4	3.95	8.35	9.5	-0.85	8.65
f		4.3	3.93	8.23	9.2	-0.89	8.31
g		4.8	4.00	8.80	9.7	.	.
h		5.2	4.02	9.22			
k		5.5	4.04	9.54			
l		5.9	4.03	9.93			
m		6.3	4.02	10.32			
n		6.5	4.02	10.52			
o		6.5	4.02	10.52			
p		7.1	4.06	11.16			
q		7.3	4.08	11.38			
r		7.3	4.08	11.38			
s		7.5	4.09	11.59			
t		7.5	4.09	11.59			
u		7.9 7.1	4.10	12.00			
v		8.2	4.10	12.30			
x		8.5 8.60 ±1 8.7	4.10	12.70			
y		9.2	4.03	13.23			
z		9.7	3.97	13.67			

B Series 711

Sc V

April 24, 1920 Copied Bk 34; 23

B 52851 131 K 15 12 – 15.3 alt. corr. +.06

	Sc 1	Sc 2	Cu.	magn.	PC	Cu.	magn.
1		4.1	3.90	8.00	9.3	-0.87	8.43
2		5.9	4.03	9.93			
3		6.2	4.02	10.22			
4		6.40±.1 6.3 6.5	4.02	10.42			
5		7.3	4.08	11.38			
6		7.5	4.10	11.60			
7		7.90±.1 7.8 8.0	4.10	12.00			
8		5 7.60±.1 7.8 7.7	4.10	11.70			
9		8.1	4.10	12.20			
10		8.5	4.10	12.60			
11		9.10±.1 9.0 9.2	4.05	13.15			
12		9.8?	3.95	13.75? R			

Wrong star marked for No. 12.

Images poor – not circular.

Sc V

B Series 711

April 27, 1920

Alt Corr -02

B 52852 C8 - Too poor

B 52853 Nova Coronae 16 34 - 52,2 alt. corr. -02

	Sc 1		Sc 2 B		Cu.		PC	Cu. + p.-elong	
a									
b	3.1 3.0				3.72	6.82	7.5	-0.94	6.56
c	3.2 3.1				3.74	6.94	7.7	-0.94	6.76
d	3.3 3.2				3.76	~~6~~7.06	7.9	~~+~~-0.94	6.96
e	3.6 3.5				3.82	7.42	8.0	-0.94	7.06
f	3.8 3.7	3.80	3.8		3.86	7.66	8.2	-0.94	7.26
g			4.1		3.90	8.00	9.3	-0.87	8.43
h			4.60 4.5	4.7	3.98	8.58	9.8	?	
k			4.9		4.01	8.91			
l			5.5		4.04	9.54			
m			5.9		4.03	9.93			
n			6.1		4.03	10.13			
o			6.60 6.5	6.7	4.0~~8~~2	10.6~~8~~2			
p			7.1		4.06	11.~~21~~16			
q			7.5		4.09	11.59			
r			7.8		4.1~~4~~0	11.9~~4~~0			
s			8.1		4.1~~4~~0	12.2~~4~~0			
t			8.2		4.1~~2~~0	12.3~~2~~0			
u		w8.5	~~9.0~~ 8.5		4.~~05~~10	12.60			
w			~~9.5~~ 9.0		~~3.99~~ 4.05	13.05			
x			~~9.7~~ 9.3		~~3.96~~ 4.01	13.31			
y			~~9.7?~~ 9.7		3.96	13.66?			

Measures wrongly recorded

Copied 45:92

B Series 711

Copied Bk 34:134

ScV

April 24, 1920

B 52854		35 Ks			alt. corr.		+.05
Sc1	Sc2	Cu.	magn.	PC	Cu.	magn.	
1	4.2	3.92	8.12	9.3	-0.87	8.43	
2	5.7	4.04	9.74				
3	5.9	4.03	9.93				
4	6.1	4.03	10.13				
5	7.0	4.05	11.05				
6	6.9	4.05	10.95				
7	7.0	4.05	11.05				
8	7.5	4.09	11.59				
9	7.5	4.09	11.59				
10	8.0	4.10	12.10				
11	8.3	4.10	12.40				
12	8.5	4.10	12.60				
13	9.0	4.05	13.05				
14	9.5	4.00	13.50				
15	9.9	3.94	13.84				

B Series 711

Copied BK35, 118

Sc V

April 24, 1920

B 52855 Carte 17 01 — 31.5 alt. corr. +.05

	Sc1	Sc2	cu.	magn	pc		cu	magn.
1	3.0 29		3.70	6.70	7.5		-0.94	6.56
2	3.3 3.2		3.76	7.06	7.8		-0.93	6.87
3		4.10 4.0 4.2	3.91	8.01	9.0		-0.90	8.10
4		4.3	3.94	8.24	9.3	scr	-0.87	8.43g
5		4.80 4.9 4.7	4.00	8.80		scr	.	g.
6		5.5	4.03	9.53				
7		5.7	4.03	9.73				
8		5.9	4.03	9.93				
9		6.3	4.02	10.82				
10		6.7	4.03	10.73				
11		7.2	4.07	11.27				
12		7.5	4.10	11.60				
13		7.9	4.10	12.00				
14		8.7	4.08	12.78				
15		8.9	4.06	12.96				
16		9.40 9.3 9.5	4.00	13.40				

Images not circular

Copied Bk 35:166

B Series 711

April 24, 1920

DeV

B 5285 p   Carte 17   41 - 51.5   alt   corr. -.02

	Sc1		Sc2		cu	magn	PC	cu.	magn.
1	3.5 - 3.6	3.70	3.8		3.84	7.54	8.3	-0.94	7.36
2			4.1		3.91	8.01	8.7	-0.93	7.77
3			4.5		3.96	8.46	9.2	-0.87	8.33
4			4.7		3.99	8.69	9.5	-0.86	8.64
5			4.9		4.02	8.92			
6			5.8		4.03	9.83			
7			6.4		4.02	10.42			
8			6.6		4.03	10.63			
9			6.8		4.04	10.84			
10			7.1		4.06	11.16			
11			7.3		4.07	11.37			
12			7.7		4.10	11.80			
13			8.2		4.10	12.30			
14			8.8		4.08	12.88			
15			9.7	9.60 9.5	4.00	13.60			

ScV

B Series 711

April 24, 1920

Bl 27; 151; 154

	B 52857 Sc 1	Sc 2	ε 7 Cu.	magn.	alt corr. +.01		Cu.	magn.	pc	Cu.	Magn.
1	2.8 2.9		3.69	6.59					7.7	-0.95	6.75
2	3.1 3.2		3.74	6.94					7.9	-0.95	6.95
3	3.1 3.2		3.74	6.94					7.8	-0.95	6.85
4	3.3 3.4		3.78	7.18					8.1	-0.94	7.16
5	3.9 4.0 4.00	4.0 00	3.89	7.89					8.5 8.7 8.60±.1	-0.93	7.67
6		4.1	3.90	8.00					8.9	-0.90	8.00
7	3.9 4.0		3.89	7.89					8.8	-0.91	7.89
8		4.1	3.90	8.00					8.9	-0.90	8.00
9		4.0	3.89	7.89					9.0	-0.90	8.10
10		4.8	4.00	8.80					9.3	-0.87	8.43
11		5.0	4.01	9.01					9.5?	-0.85	8.65
12		4.8	4.00	8.80					9.3	-0.87	8.63
13		4.9	4.00	8.90					9.5	-0.85	8.65
14		5.3	4.03	9.33							
15		5.3	4.03	9.33							
16		5.3	4.03	9.33							
17		5.3 5.40±.1 5.5	4.03	9.43							
18		5.8	4.03	9.83							
19		5.9	4.03	9.93							
20		5.8	4.03	9.83							
21		6.2	4.02	10.22							
22		6.5	4.02	10.52							
23		6.5	4.02	10.52							
24		6.7 6.60±.1 6.5	4.02	10.62	30	7.7	4.10	11.80			
25		6.8	4.02	10.82	31	7.9	4.10	12.00			
					32	8.1	4.10	12.20			
26		7.1	4.05	11.15	33	8.3	4.10	12.40			
					34	8.6	4.10	12.70			
27		7.3	4.08	11.38	35	9.0 8.90±.1 8.8	4.06	12.96			
28		7.5	4.09	11.59	36	9.7	3.96	13.66			
29		7.3 7.40±.1 7.5	4.09	11.49	37	7					

Plot 209

B Series 711

δ c V

April 24, 1920

B 52858 : C 9

	Sc1	Sc2	Diff	PC	
3	3.1 3.0		3.94	7.7	– 0.66
4	3.8 3.7	3.8	4.02	8.80 8.~~2~~ 8.8	– 0.98
5		4.0	4.06	9.0	– 0.94
6		4.3	4.17	9.3	– 0.83
7		5.0	4.04		
8		5.4	4.13		
9		6.0	4.09		
12		6.5	4.07		
14		6.8	3.99		
15		7.2	3.93		
16		7.5	4.10		
17		7.7	4.13		
18		8.1	4.31		
20		8.7	4.06		
21		8.9	4.16		
22		9.2	4.20		
23		9.7	4.04		
24		7	,		
25					
27					

4 - 0.0

11ʰ 10

Sc V

B Series 714

Copied Bk 27; 60

April 29, 1920

B 52884 D 8

alt. corr. +.07

	Sc 1	Sc 2	cu	magn	PC	cu	magn
1	B		-		7.7	-0.86	6.84
2	3.5 3.4		3.83	7.33	8.1	-0.84	7.26
3		3.8	3.87	7.67	8.4	-0.83	7.57
4	3.6 3.5		3.86	7.46	8.3	-0.84	7.46
5		3.9	3.89	7.79	8.5	-0.83	7.67
6		4.0	3.90	7.90	8.7	-0.83	7.87
7		3.8	3.87	7.67	8.5	-0.83	7.6~~2~~7
8		4.1	3.91	8.01	9.0 8.95 8.9	-0.82	8.13
9		4.2	3.92	8.12	9.0	-0.82	8.18
10		4.7 4.60 4.5	3.94	8.54	9.3	-0.82	8.48
11		5.0	3.96	8.96	9.8	-0.80	9.00
12		5.2	3.97	9.17			
13		5.5	4.00	9.50			
14		6.1	4.03	10.13			
15		6.1	4.03	10.13			
16		6.3	4.04	10.34			
17		6.5	4.06	10.56			
18		6.7	4.10	10.80			
19		7.1	4.12	11.22			
20		7.5 7.40 7.3	4.13	11.53			
21		7.5	4.14	11.64			
22		7.5	4.14	11.64			
23		7.7	4.14	11.84			
24		8.0	4.14	12.14			
25		8.3	4.13	12.43			
26		8.5	4.10	12.60			
27		8.7	4.08	12.78			
28		8.9	4.06	12.96			
29		9.3	4.00	13.30			
30		9.7	3.93	13.93 6			

Images not circular

Sc V

B Series 714

April 29, 1920

B 52885 W Lupi Ref. Alt. corr. −.05

	Sc 1	Sc 2	cu	magn	PG	cu.	magn.
1	B		.	B	6.9	.	.
2	B		.	B	7.9	−0.85	7.05
3		3.9	3.89	7.79	8.5	−0.83	7.67
4		4.7	3.95	8.65	9.7	−0.80	8.90
5		4.9	3.96	8.86			
6		5.7	4.00	9.70			
7		6.1	4.03	10.13			
8		6.4	4.06	10.46			
9		6.7	4.10	10.80			
10		7.1	4.12	11.22			
11		7.4	4.13	11.53			
12		7.7	4.14	11.84			
13		7.9	4.14	12.04			
14		8.2	4.13	12.33			
15		8.7	4.08	12.78			
16		9.0	4.04	13.04			
17		9.5	3.96	13.46			

Copied 45:47

Images slightly elongated.

B Series 714

April 29, 1820

Copied 38:198

Sc V

B 52886 (7) Pole

Alt. corr. -96 (2)

	Sc/2.6	Sc2	cu.	magn.	PC	cu.	magn.
a	2.5		.	.	7.1	.	.
b	3.2 3.1		3.79	6.99	7.9	-0.85	7.05
c	3.3 3.2		3.80	7.10	8.1	-0.83	7.27
d		3.8	3.88	7.68	8.8	-0.83	7.97
e		3.9	3.88	7.78	8.7	-0.83	7.87
e′		4.3	3.93	8.23	9.5	-0.80	8.70
f		4.1	3.92	8.02	9.2	-0.82	8.38
g		4.5	3.94	8.44	9.5	-0.80	8.70
h		4.9	3.96	886			
K		5.6	4.00	9.60			
l		5.8	4.01	9.81			
l′		5.7	4.00	9.70			
m		6.1	4.03	10.13			
n		6.4	4.06	10.46			
o		6.6	4.08	10.68			
p		7.0	4.12	11.12			
q		7.3	4.13	11.43			
r		7.5	4.14	11.64			
s		7.5	4.14	11.64			
t		7.7	4.14	11.84			
u		8.0	4.14	12.14			
w		8.3	4.13	12.43			
x		8.7	4.07	12.77			
y		9.1	4.03	13.13			
z		9.5	3.96	13.46			
α		9.7	3.93	13.63			

B Series 714

All Corr −0.05

Sc V

April 29, 1920

B 52888 Nova Aql

	Sc 1	Sc 2			pc	Cu	
a	B		.		+p	.	
b	^{30}2.9		.		7.3	.	
c	^{31}3.0		.		7.5	−0.74	6.76
d	^{34}3.3		3.82	7.22	7.9	−0.84	7.06
e	^{36}3.5 3.65	3.7	3.86	7.51	8.0	−0.86	7.14
f		3.9	3.89	7.79	8.3	−0.89	7.41
g		4.2	3.92	8.12	9.0	−0.98	8.02
h		4.9	3.95	8.85	9.8	0.98	8.82
k		5.1	3.97	9.07	9.8	0.98	8.82
l		5.5	3.99	9.49			
m		6.0	4.02	10.02			
n		6.3	4.04	10.34			
o		6.7	4.09	10.79			
p		7.2	4.12	11.32			
q		7.5	4.14	11.64			
r		8.0	4.14	12.14			
s		8.3	4.12	12.42			
t		8.5	4.10	12.60			
u		8.8	4.06	12.86			
w		$\overset{9!}{9.3}$	4.03	13.$\overset{23}{\cancel{30}}$			
x		$\overset{5}{9.7}$	3.9$\overset{6}{\cancel{2}}$	13.$\overset{6}{\cancel{42}}$			
y		9.9	3.87	13.77?			

Copied 45:92

PC's elongated

Plot 209

B Series 714

ScV

April 29, 1920

B 52889 S29

	Sc1	Sc2	Diff	PC
3	$^{3.3}$ 3.2		3.74	7.8 – 0.76
4		3.9	3.92	8.7 – 0.88
5		4.1	3.96	9.0 – 0.94
6		4.5	3.97	9.3 – 0.83
7		5.1	3.94	9.8 – 0.76
8		5.5	4.03	
9		6.1	3.99	
12		6.5	4.07	
14		6.7	4.09	
15		7.2	3.93	
16		7.5	4.10	
17		7.7	4.13	
18		$\overset{8.2}{8.0}$	$4.\overset{3}{\cancel{1}}1$	
20		8.8	3.96	
21		9.0	4.06	
22		9.5	3.90	
23		9.8	3.94	
24		7	.	

11:20

10 – 15

ScV

B Series 714

Plate 209

April 30, 1920

B52889 D9

	Sc1	Sc2	Diff	pc	
3	3.4 3.3	.	3.64	7.9	– 0.86
4		4.0	3.82	8.5	– 0.68
5		4.4	3.66	9.1	– 1.04
6		4.7	3.77	9.5	– 1.03
7		5.2	3.84	9.8	– 0.76
8		5.5	4.03		
9		6.1	3.99		
12		6.5	4.07		
14		6.8	3.99		
15		7.3	3.83		
16		7.5	4.10		
17		7.7	4.13		
18		8.3	4.11		
20		8.7	4.06		
21		8.9	4.16		
22		9.5	3.90		
23		9.8	3.94		
24		7	.		

B Series 714

April 30, 1920

April BK34:134

Sc V

B 52890 35 Ks

Alt. corr. +.06

	Sc1	Sc2			PC		
1		4,1	3.90 ~~8.00~~	8.00 ~~12.10~~	9.2	-1.00	8.20
2		5,9	4.05	9.95			
3		6,1	4.06	10.16			
4		6.3	4.07	10.37			
5		7.1	4.08	11.18			
6		6.9	4.08	10.98			
7		7.1	4.08	11.18			
8		7.5	4.09	11.59			
9		7.5	4.09	11.59			
10		7.9	4.10	12.00			
11		8.2	4.10	12.30			
12		8.7	4.09	12.79			
13		9.0	4.05	13.05			
14		9.3	4.03	13.33			
15		9.8	3.92	13.72			

B Series 714 (Copied Bk 35; 118

SeV

April 30, 1920

B 52891 Dante 17 0 — 31.5 alt. corr. +.06

	Sc1	Sc2	cu	magn.	pc	cu.	magn.
1	B		.	B	7.5	-0.77ε	6.73ε
2	B		.	B	7.9	-0.84	7.06
3		3.9	3.87	7.77	9.1	-0.99	8.11
4		4.2	3.92	8.12	9.5	- ~~0.10~~ 1.00	~~9.40~~ 8.50
5		4.7	3.97	8.67	9.9 ?	-0.97	8.93?
6		5.5	4.03	9.53			
7		6.0	4.06	10.06			
8		6.1	4.06	10.16			
9		6.5	4.07	10.57			
10		7.0	4.07	11.07			
11		7.3	4.09	11.39			
12		7.7	4.10	11.80			
13		8.0	4.11	12.11			
14		8.9	4.06	12.96			
15		8.8	4.07	12.87			
16		9.3	4.00	13.30			

B Series 714

Copied Bk 35: 166

Sc V

April 30, 1920

B 52892 Barte 17 0 − 51.5 alt. corr. −.01

	Se1		Se2	cu	magn.	p c	cu.	magn.
1	3.5 3.6	3.60	3.6	3.84	7.44	8.3	−0.89	7.41
2			3.9	3.87	7.77	8.7	−0.96	7.74
3			4.3	3.93	8.23	9.3	−1.00	8.30
4			4.5	3.94	8.44	9.5	−1.00	8.50
5			4.9	4.00	8.90	9.9	−0.97	8.93
6			5.6	~~4.93~~ 4.03	~~9.53~~ 9.63			
7			6.2	~~4.96~~ 4.06	~~10.16~~ 10.26			
8			6.3	~~4.95~~ 4.06	~~10.25~~ 10.36			
9			6.5	~~4.96~~ 4.09	~~10.46~~ 10.56			
10			6.9	~~4.97~~ 4.07	~~10.87~~ 10.97			
11			7.2	~~3.98~~ 4.08	~~11.18~~ 11.28			
12			7.7	~~4.00~~ 4.10	~~11.70~~ 11.80			
13			8.1	~~4.01~~ 4.12	~~12.11~~ 12.22			
14			8.7	~~3.99~~ 4.09	~~12.69~~ 12.79			
15			9.5	3.96	13.46			

B Series 714
April 30, 1920

Copied BK34:49

Sc V

	B 52893 Sc1	Sc2	157 K		pc	Alt. corr.	+.06
1		4.0	3.88	7.68	8.5	-0.92	7.58
2		5.2	4.01	9.21	9.7	-0.98	8.72
3		5.7	4.04	9.74			
4		5.7	4.04	9.74			
5		6.2	4.07	10.27			
9 ~~6~~		7.9	4.10	12.00			
7		7.7	7.60 7.5 4.10	11.70			
8		7.9	4.10	12.00			
6 ~~9~~		7.3	4.09	11.39			
10		8.1	4.10	12.20			
11		8.5	4.10	12.60			
12		8.8	4.08	12.88			
13		9.1	4.03	13.13			
14		9.5	3.97	13.47			
15		7					

Plot- 209

B Series 714

ScV April 30, 1920

B 52894 Cg

	Sc 1	Sc 2	Diff	pc
3	3! 3.0		3.94	7.8 — 0.76
4		3.8	4.02	8.9 — 1.08
5		4.0	4.06	9.1 — 1.04
6		4.3	4.17	9.5 — 1.03
7		5.0	4.04	
8		5.3	4.23	
9		6.0	4.09	
12		6.4	4.17	
14		6.7	4.09	
15		7.1	4.03	
16		7.5	4.10	
17		7.7	4.13	
18		8.1	4.31	
20		8.7	4.06	
21		9.1	3.96	
22		9.5	3.90	
23		9.7	4.04	
24				

11:50

Plot-209

12:15
Sc V

B Series 719

May 8, 1920

~~Me~~ B 52933 67

	Sc 1	Sc 2	Diff	pc
1	tp	.	.	7.5 − 0.65
2	3.3 3.6 3.45 3.2 3.5		4.26	8.2 − 0.49
3	4.2 4.20 4.1	4.2	3.91	9.0 − 0.89
4		4.3	3.90	9.3 − 1.10
5		4.5	4.06	9.7 − 1.14
6		4.90 5.0	4.04 4.8	
7		tp	.	
8		5.5	4.10	
9		tp	.	
11		6.2	3.91	
12		6.5	3.86	
13		6.75 6.8	3.91 6.7	
15		7.0	3.99	
16		7.2	4.03	
17		7.5	4.06	
19		7.7	4.31	
20		8.0	4.26	
21		8.9	3.98	
22		9.1	4.14	
23		9.3	4.10	
24		9.8	4.10	

B Series 719

Copied 45'.15

Sc ✓

May 8, 1920

B ~~MC~~ 52934 R Centauri 12 -64

Underexposed 1m Corr. -.10

alt. corr. -.14

Total corr. -.24

	Sc 1	Sc 2	cu.	magn	PC	cu.	magn.
a		4.0	3.96	7.96	9.0	-0.92	8.08
b		5.1	4.03	9.13	7		
c		5.5	4.03	9.53			
d		6.0	4.02	10.02			
e		6.4	4.00	10.40			
f		6.9	4.00	10.90			
g		7.2	4.00	11.20			
h		7.5	4.02	11.52			
k		7.7	4.02	11.72			
l		7.9	4.02	11.92			
m		8.5	4.04	12.54			
n		9.0	4.05	13.05			
o		9.5 9.7 9.60	4.06	13.66			

Copied 38'.198

B Series 719
May 8, 1920

Sc V

~~MC~~ B 52935

	Sc 1	Sc 2	Pole cu.	magn.	Pole	cu.	magn.
a	$2.3^{2.4}$		.	.	7.1	-0.60 e	6.50 ε
b	$3.2^{3.3}$		3.91	7.21	7.9	-0.68	7.22
c	$3.0^{3.1}$		3.90	7.06	8.1	-0.72	7.38
d		3.6	3.93	7.53	8.9	-0.89	8.01
e		3.5	3.92	7.42	8.5	-0.88	7.62
e'		4.1	3.96	8.06	9.7	-1.17	8.53
f		4.0	3.95	7.95	9.1	-0.97	8.13
g		4.3	3.97	8.27	9.5	-1.12	8.38
h		4.3	3.97	8.27	9.5	-1.12	8.38
k		5.2	4.03	9.23			
l		5.9	4.02	9.92			
l'		tp	.	.			
m		6.1	4.01	10.11			
n		6.3	4.01	10.31			
n'		6.5	4.01	10.51			
o		6.5	4.01	10.51			
p		7.0	4.01	11.01			
q		7.3	4.01	11.31			
r		7.5	4.01	11.51			
s		7.7	4.01	11.71			
t		7.8	4.02	11.82			
u		8.0	4.02	12.02			
w		8.5	4.03	12.53			
x		9.0	4.05	13.05			
y		9.3	4.06	13.36			
z		9.7	4.06	13.76			
α		7	.	7			

Alt. corr. -.92

Primary images good shape.

B Series 719

Copied 45: 30

ScV

May 8, 1920

B ~~MC~~ 52936 Too poor Z Centauri

B ~~MC~~ 52937 S Z Centauri - 13 45 - 58.1 Alt. corr. -.07

Sc 1	Sc 2	cu.	magn.	PC	cu.	magn.
a	4.1	3.96	8.06	9.0	-0.92	8.08
b	4.3	3.97	8.27	9.3	-1.05	8.25
c	4.5	3.99	8.49	9.5	-1.12	8.38
d	5.0	4.02	9.02			
e	5.3	4.03	9.33			
f	6.0	4.02	10.02			
g	6.5	4.01	10.51			
h	7.0	4.00	11.00			
k	7.6	4.02	11.62			
l	8.3	4.03	12.33			
m	8.7	4.04	12.74			
n	7	.	7			
o	ns	.	ns			

Images poor - elongated

Copied Bls 34; 22

B Series 719

May 8, 1920

Sc V

B ~~Mc~~ 52938 130 K 14 8 — 15 alt. corr. +.07

	Sc 1	Sc 2	cu.	magn
1		5.0	4.03	9.03
2		5.1	4.03	9.13
3		5.7	4.03	9.73
4		6.2	4.00	10.20
5		6.2	4.00	10.20
6		6.5	4.01	10.51
7		7.2	4.01	11.21
8		7.3	4.01	11.31
9		7.0	4.01	11.01
10		7.5	4.02	11.52
11		8.0	4.02	12.02
12		8.2	4.03	12.23
13		8.5	4.03	12.53
14		8.9	4.04	12.94

Sc V

B Series 719 Plot 209

May 8, 1920

B ~~Mc~~ 52939

	Sc 1	Sc 2	C8	PC
1	36 3.5		3.60	8.2 – 1.00
3		4.1	3.99	9.0 – 0.91
4		+/n	·	8.3 – 0.68
8		4.9	4.07	
9		5.1	4.12	
11		5.5	4.01	
12		5.7	4.05	
14		5.9	4.07	
15		6.3	4.06	
16		6.5	4.02	
18		6.7	3.98	
21		7.4	4.02	
22		7.8	4.02	
25		8.3	3.96	
26		8.9	3.83	
27		9.3	4.01	
28		9.8	4.06	
25a		8.7	4.97	

2!00

Plot 212

10 –
Dc√

B Series 719
May 11, 1920

B 52939 C8

Se1	Se2	Diff	PC	Diff.
1	3.7	3.50	8.1	–0.90
3	4.1	3.99	9.0	–0.91
4	tp	·	8.5	–0.78
8	4.8	4.17		
9	5.2	4.02		
11	5.5	4.01		
12	5.8	3.95		
14	6.0	3.97		
15	6.3	4.06		
16	6.5	4.02		
18	6.8	3.88		
21	7.3	4.12		
22	7.7	4.12		
25	8.2	4.06		
26	9.0	3.73		
27	9.3	4.01		
28	9.9	3.96		

B Series 719

ScV

May 11, 1920

Copied Bk 27, 143

B 52940 E 6

alt. corr. +.02

			a.	magn.	PC	a.	magn.
1	2.6 2.5		.	.	7.5	.	.
2	2.6 2.5		.	.	7.5	.	.
3	2.8 2.7		.	.	7.7	.	.
4	3.2 3.1		.	.	7.9	-0.72	7.18
5	3.3 3.2		.	.	8.0	-0.72	7.28
6	3.6 3.5		3.53	7.13	8.2	-0.74	7.46
7		4.0	3.80	7.80	8.8	-0.84	7.96
8		4.3	3.96	8.26	9.0	-0.88	8.12
9		4.3	3.96	8.26	9.1	-0.90	8.20
10		4.5	4.02	8.52	9.3	.	.
11		5.0	4.03	9.03	9.7	.	.
12		5.2	4.02	9.22			
13		5.1	4.02	9.12			
14		5.5	3.99	9.49			
15		5.5	3.99	9.49			
16		5.5	3.99	9.49			
17		5.7	3.97	9.67			
18		6.1	3.97	10.07			
19		6.1	3.97	10.07			
20		6.3	3.97	10.27			
21		w.s 6.5 ~~7.6~~	3.97	10.47			
22		w.s 6.5 ~~7.3~~	3.97	10.47			
23		6.5	3.97	10.47			
24		6.7	3.98	10.68			
25		6.7	3.98	10.68			
26		7.3	4.04	11.34			
27		7.5	4.04	11.54			
28		7.5	4.04	11.54			

B Series 719

May 11, 1920

Copied

DeV

B 52940 (cont)

alt. corr. +.02

		cu	magn
29	Sc2 7.9 ~~8.2~~ w.s	4.07	11.97
30	7.9	4.07	11.97
31	8.1	4.10	12.20
32	8.1	4.10	12.20
33	8.3	4.08	12.38
34	9.0	4.06	13.06
35	9.3	4.04	13.34
36	9.7	4.02	13.72
37	9.8	4.01	13.81
38	F		F

Sc V

B Series 719

May 11, 1920

Copied 45'47

B 52941 W Lupi | alt. corr. .00

	Sc 1	Sc 2	cu	magn	Ac	cu.	magn.
1	$\overset{2.1}{2.0}$		.	.	6.8	.	.
2	$\overset{2.6}{2.5}$		.	.	$\overset{7.60}{7.5}$ 7.7	.	.
3		3.8	3.66	7.46	8.5	-0.78	7.72
4		4.7	4.03	8.73	9.5	.	.
5		5.0	4.03	9.03			
6		5.5	3.99	9.49			
7		6.1	$\overset{6}{3.97}$	10.06			
8		6.5	3.97	10.47			
9		6.7	3.98	10.68			
10		7.0	4.01	11.01			
11		7.5	4.04	11.54			
12		7.7	4.06	11.76			
13		8.0	4.09	12.09			
14		8.0	4.09	12.09			
15		8.7	4.07	12.77			
16		9.0	4.06	13.06			
17		9.7	4.02	13.72			

Images elongated.

Copied Bk 34:23

Sc V

B Series 719

May 11, 1920

B 52942 131 K Alt. corr. +.07

	Sc 1	Sc 2	cu.	magn.	PC	cu.	magn.
1		4.1	3.86	7.96	9.2	-0.90	8.30
2		5.7	3.97	9.67			
3		6.0	3.97	9.97			
4		6.2	3.97	10.17			
5		7.2	4.03	11.23			
6		7.4	4.04	11.44			
7		7.9	4.07	11.97			
8		7.5	4.05	11.55			
9		7.7	4.06	11.76			
10		8.3	4.08	12.38			
11		8.9	4.06	12.96			
12		9.8	4.02	R 13.82			

The wrong image must have been measured for no. 12, although it is correctly marked on the plate, which shows it of about the same magnitude as no. 11. H. S. L. Jan. 11, 1920

Sc V

B Series 719

Nova Aurigae

All Corr -02

B 52943 Nova Aurigae

	Sc 1	Sc 2	Cu		PC Sup		
a	B		.				
b	B		.		7.3	-0.62	6.68
c	B		.		7.5	-0.64	6.86
d	B		.		7.9	-0.69	7.21
e	$\overset{3.1}{3.0}$		3.90	7.00	8.0	-0.70	7.30
f	$\overset{3.4}{3.3}$		3.91	7.31	8.3	-0.75	7.55
g		3.8	3.94	7.74	9.3	-1.04	$8.\overset{2}{\cancel{1}}6$
h		4.3	3.98	8.28	9.8	-1.20	8.60
k		4.5	3.99	8.49			
l		5.0	4.02	9.02			
m		5.5	4.03	9.53			
n		5.9	4.02	9.92			
o		6.3	4.00	10.30			
p		6.9	4.00	10.90			
q		7.5	4.01	11.51			
r		7.9	4.02	11.92			
s		8.3	4.04	12.34			
t		8.5	4.04	12.54			
u		9.0	4.05	13.05			
w		9.3	4.05	13.35			
x		$\overset{5}{9.7}$	$4.0\overset{6}{\cancel{7}}$	$13\cancel{7}\overset{6}{9}$			
y		9.8	4.08	13.88			

Copied 45.92

B Series 719

Plot 212

ScV

May 11, 1920

B 52944 b8

	Sel 1	Sel 2	Diff	PC	Diff
1	3.5 3.60 3.65 0'	3.7	3.55	8.0	-0.80
3		4.2	3.89	9.0	-0.91
4		tp	·	8.3	-0.58
8		4.9	4.07		
9		5.3	3.92		
11		5.5	4.01		
12		5.9	3.85		
14		6.1	3.87		
15		6.3	4.06		
16		6.5	4.02		
18		6.9	3.78		
21		7.5	3.92		
22		7.7	4.12		
25		8.1	4.16		
26		8.9	3.83		
27		9.1	4.21		
28		9.8	4.06		

11:55

Sheet no. 210

B Series 271

ScV

May 18, 1920

10:20 B 47981 b9

Diff.		Sc 1		Sc 2			PC	Diff.
			2.7					
4.04	3	3.0 2.9				~~Diff~~ ~~4.04~~	7.9	−.86
4.42	4	3.4 3.3				~~3.95~~	8.8	−.98
4.46	5	3.6 3.5					9.0	−.94
4.32	6	4.1 4.0	4.15	4.2			9.5	03 −1.~~97~~
4.54	7			4.5			9.8	−.76
4.38	8		5.15	5.2	~~5.1~~ 5.1			
4.19	9			5.9				
~~5~~4.27	12			6.3				
4.09	14			6.7				
4.13	15			7.0				
4.10	16			7.5				
4.13	17			7.7				
4.31	18		8.10	8.0	8.2			
4.06	20			8.7				
4.16	21			8.9				
4.10	22			9.3				
4.24	23			9.5				
4.13	24			9.8				
4.05	3a	3.3		–			8.3	−.95
4.44	6a			4.2			9.7	−1.06
4.38	8a			5.3				

B Series 271

Dcv

May 18, 1920

Copied Bk 35;22

B 47982 Dovite 17 00 - 2,5 Alt. corr. + .06

	Sc1	Sc2	cu.	magn.	pc	cu.	magn.
1		4.0	4.75	8.75	9.0	-0.82	8.18
2		5,2	4.56	9.76			
3		5,5	4.48	9.98			
4		6.0	scr. 4.39	9.39			
5		6.3	4.33	10.63			
6		6,6	4.26	1086			
7		6.7	4.24	10.94			
8		6.9	4.20	11,10			
9		7.3	4.13	11.43			
10		7.5	4.12	11.62			
11		8.0	4.08	12,08			
12		8.3	4.06	12.36			
13		8.9	4.06	12.96			
14		9.1	4.06	13.16			
15		9.5	4.07	13.57			
16		9.7	4.08	13.78			
17		9.8	4.09	13.89			
18		7	.	7			

B Series 271

Copied 45; 107

ScV

May 18, 1920

alt. corr. +.03

B 47983 RU Scorpii 17 35 -43.7

	Sc 1	Sc 2	cu.	magn.	PC	cu	magn.
a		4.1	4.75	8.85	9.0	-0.82	8.18
b		4.0	4.75	8.75	9.0	-0.82	8.18
c		4.9	4.63	9.53	9.7	-0.87	8.83
d		5.5	4.49	9.99			
e		5.7	4.45	10.15			
f		6.2	4.35	10.55			
g		6.6	4.26	10.86			
h		7.1	4.16	11.26			
h'		7.5	4.12	11.62			
h^2		7.7	4.10	11.80			
k		7.95 .05 .05 8.0 7.9	4.09	12.04			
l		8.1	4.08	12.18			
m		8.3	4.07	12.37			
n		9.5	4.07	13.57			
b'		4.3	4.24	8.54	9.3	-0.83	8.47
m'		7.9	4.09	11.99			
o		7		7			

B Series 271

Copied 45'108

ScV

May 18, 1920

B 47984 η Pavonis alt. corr. −.10

	Sc1	Sc2		cu.	magn.	PC	9.0°1	cu.	magn
a	3.1 3.0			4.63	7.73	8.9	9.1	−0.82	8.[illegible]8
b	3.3 3.2			4.66	7.96	9.5		−0.86	8.64
c		4.4		4.73	9.13				
d		4.5		4.72	9.22				
e		5.5		4.49	9.99				
f		6.0		4.39	10.39				
g		6.4		4.32	10.72				
g'		6.9		4.21	11.11				
g²		7.1		4.16	11.26				
h		7.7		4.10	11.80				
k		8.0		4.08	12.08				
k'		8.5	8.60°1 8.7	4.06	12.66				
l		9.0		4.06	13.06				
m		9.8? ft		4.09	13.89?				

ScV

B Series 271

May 18, 1920

Copied 45'109

B 47985 SV Scorpii

alt. corr. +.05

	Sc 1	Sc 2	av.	magn.	Sc	ce.	magn.
a	B		.	B	7.3	-0.73	6.57
B	B		.	B	7.8	-0.76	7.04
C	3.2 3.1		4.64	7.84	8.0	-0.76	7.24
δ		4.9	4.63	9.53	9.5 9.6°1 9.7	-0.86	8.74
ε		4.8	4.65	9.45	9.5?	-0.85	8.65?
ε'		5.0	4.62	9.62			
ε²		5.3	4.53	9.83			
c		6.1	4.36	10.46			
d		6.4	4.31	10.71			
d'		7.7	4.10	11.80			
e		6.6	4.26	10.86			
e'		7.0	4.18	11.18			
f		8.0	4.09	12.09			
g		8.3	4.07	12.37			
h		7.3°1 7.2-7.4	4.13	11.43			
h'		8.7	4.06	12.76			
k		9.2	4.07	13.27			
l		9.5	4.07	13.57			

B Series 271

Dc√ May 18, 1920 Alt. Corr. +.05

B 47985 (cont) Nova Scorpii No 2

	Sc 1	Sc 2	Cu.	Mag.	PC	~~Cu.~~ Cu.	Mag.
a	B				6.3 6.5 6.40	.	
b	B		.		6.8	.	.
c	B		.		7.3	-.73	6.57
d	3.1 3.2		4.65	7.85	7.5	-.74	6.76
e	3.3 3.4		4.68	8.08	7.9	-.76	7.14
f		3.9	4.75	8.65	8.4	-.78	7.62
g		4.2	4.75	8.95	8.9	-.80	8.10
h		4.3	4.74	9.04	8.9	-.80	8.10
k	4.60	4.7 4.5	4.70	9.30	9.3	-.83	8.47
l		5.3	4.53	9.83	9.8?	-.87	8.93
m		5.5	4.50	10.00			
n		6.1	4.37	10.47			
o		6.4	4.30	10.70			
p		6.5	4.28	10.78			
q		7.0	4.18	11.18			
r		7.1	4.16	11.26			
s		7.5	4.12	11.62			
t		7.9	4.09	11.99			
u		8.0	4.08	12.08			
w		8.7	4.07	12.$\overset{7}{8}$7			

Sc V

B Series 271

May 18, 1920

Copied 45:110

B47986 U Lrae p.c

alt. corr. −.01

	Sc 1	Sc 2	cu.	magn		cu.	magn.	
a	3.8 3.1		4.63	7.73	8.5	−~~4.06~~ 046	~~12.56~~	8 0 ~~4.4~~
c		4.3	4.74	9.04	9.7	−~~4.08~~ 048?	~~13.78~~	9.22?
c'		5.1	4.57	9.67				
f		5.7	4.45	10.15				
g		6.1	4.36	10.46				
g'		6.3	4.33	10.63				
h		6.5	4.17	10.67				
K		6.8	4.23	11.03				
K'		7.1	4.15	11.25				
l		7.5	4.12	11.62				
l'		7.7	4.10	11.80				
m		7.9	4.09	11.99				
not sure of ident → n		Sup?	.	?				
n'		8.3	4.06	12.36				
o		8.7	4.06	12.76				
p		9.0	4.06	13.06				
q		9.5	4.07	13.57				

ScV

B Series 271 Plot 210

May 18, 1920

B 47987 D 10

	Sc 1		Sc 2	Diff.	pe	Diff.
1	B			.	$\overset{7.40}{7.5}$ 7.3	-.56
2	B			.	7.9	-.49
3	B			.	7.9	-.56
4	$\overset{3.0}{2.9}$ ~~3.1~~			4.84	Sup	.
6	$\overset{3.5}{3.4}$			5.00	9.3 ?	-.80
7	$\overset{3.2}{3.1}$			5.09	8.9	-.61
8	$\overset{4.0}{3.9}$	4.05	4.1	5.06	9.8	-.70
9			4.3	$5.\overset{10}{\cancel{87}}$		
10			4.7	4.99		
11			5.3	4.74		
12			5.9	4.59		
13			6.3	4.43		
15			6.8	$4.\overset{3}{\cancel{2}}7$		
16			7.5	4.02		
17			7.9	4.00		
18			Departure			
19			8.7	4.04		
20			8.9	3.97		
21			9.5	3.98		
22			9.8	4.08		
24			7			

12:50

Sect No. 210

MF Series 236

Dc V

May 20, 1920

10:45

MF 4534 b9

	Sc 1	Sc 2	Diff.	pe	Diff.
3	B		.	7.60 7.7 7.5	-.56
3a	B		.	8.0	-.65
4	B		.	8.4	-.58
5	B		.	8.60 8.5 8.7	-.54
6	B		.	8.9	-.43
7	3.1 3.0		5.94	7	
8	3.6 3.5 3.70	3.8	5.83		
9		4.7	5.39		
12		5.3	5.27		
14		5.5	5.29		
15		6.1	5.03		
16		6.6	5.00		
17		6.9	4.93		
18		7.5	4.91		
20		7.9	4.86		
21		8.3	4.76		
22		8.6	4.80		
23		8.9	4.84		
24		9.2	4.73		
25		9.5	4.63		
6a			.	8.9	-.26
8a		4.1	5.58		

Sc V

M F Series 236

May 20, 1920

Copied Bk 34:25

MF 4536 133 K pc · 17 14-15

alt. corr. +.07

	Sc 1	Sc 2	cu.	magn.	pc	cu.	magn.
1	B		·	B	8.0	-0.44	7.56
2		4.1	5.60	9.70	7		7
3		4.1	5.60	9.70			
4		4.5	5.48	9.98			
5		5.5	5.22	10.72			
6		6.1	5.06	11.16			
7		6.5	5.02	11.52			
8		6.3	5.04	11.34			
9		6.3	5.04	11.34			
10		7.0	4.93	11.93			
11		7.9	4.94	12.84			
12		8.0	4.83	12.83			
13		8.3	4.70	13.00			
14		9.0	4.76	13.76			
15		8.60± 8.7 8.5	4.78	13.38			
16		defective	·	9			
17		9.5	4.75	14.25			
18		7		7			

MF Series 236

Copied Bk 34:119

ScV

May 20, 1920

MF 4587 41 Ks 17 15 - 20 alt. corr. +.06

	Sc 1	Sc 2		cu	magn.
1		4.0		5.64	9.64
2		43		5.60	9.90
3		5.0		5.36	10.36
4		5.9		5.12	11.02
5		6.3	6.20± 6.1	5.06	11.26
6		6.3		5.04	11.34
7		6.5		5.02	11.52
8		6.1		5.06	11.16
9		6.5		5.02	11.52
10		7.0		4.93	11.93
11		7.2		4.91	12.11
12		7.5	7.40± 7.3	4.89	12.29
13		7.8		4.84	12.64
14		8.3	8.20± 8.1	4.82	13.02
15		9.5	9.40± 9.3	4.75	14.15

Images elongated.

MF Series 236

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SeV

May 20, 1920

MF 4538 SV Scorpii 17 45-36 Alt. corr. +.05

		Sc 1	Sc 2	Nova cu	magn	"	cu	magn
SV	a	B		·	B	6.9	-0.32	6.58
	B	B		·	B	7.1	-0.33	6.77
	C	B		·	B	7.5	-0.49	7.01
	D	3.0 3.1		5.86	8.86	8.7	-0.46	8.24
	E	3.2 3 3		5.82	9.02	9.0	-0.46	8.54
	E'	3.1 3.2		5.83	8.93	9.20 :: 9.1 9.3	-0.46	8.74
	E^2		3.8	5.69	9.49	9.8	·	·
	c		4.7	5.44	10.14			
	d		5.3	5.27	10.57			
	d'		7.20 :: 7.3 7.1	4.92	12.12			
	e		5.4	5.25	10.65			
	e'		6.0	5.10	11.10			
	f		7.3	4.90	12.20			
	g		7.7	4.85	12.55			
	h		Sup	·	g			
	h'		8.3	4.80	13.10			
	k		8.7	4.76	13.46			
	l		9.1	4.75	13.85			

DeV

MF Series 236

May 20, 1920

Alt. Corr. +.05

MF 4538 cont. Nova Scorpii 2

	Sc 1		Sc 2		Cu.	Mag.	P C	Cu.	Mag.
a	B				.	.	6.1	.	.
b	B				.	.	6.7	-.28	6.42
c	B				.	.	7.1	-.34	6.76
d	B				.	.	7.3	-.37	6.93
e	B				.	.	7.7	-.42	7.28
f	B				.	.	8.0	-.44	7.56
g	B				.	.	8.4?	scr -.46	7.94
h	2.9 2.8				5.87	8.77	8.7	-.46	8.24
k	3.2 3.1				5.82	9.02	8.9	-.45	8.45
l	3.8 3.7				5.68	9.48			
m			3.9		5.66	9.56			
n			4.4		5.52	9.92			
near scr. o			4.7		5.44	10.14			
p			5.0		5.36	10.36			
q		5.80	5.9	5.7	5.14	10.94			
r			6.2		5.06	11.26			
s			6.5		5.02	11.52			
t			7.0		4.94	11.94			
u			7.9		4.84	12.74			
w			8.3		4.80	13.10			
x			9.1		4.76	13.86			
y		9.60	9.8	7.7	4.76	14.36			

Plate scratched in this region

Very difficult - stars close and neg. scratched.

MF Series 236

Sev   May 20, 1920   Copied 27:79

MF 4539   D 10   alt. corr. +.07

	Ser 1	Ser 2	Cu.	magn.	PC	Cu.	magn.
1	B				7.5	-0.74	6.76
2	B				7.40 12 7.5 7.3	-0.74	6.66
3	B			w.s	79 ~~8.3~~	-0.76	7.14
4	B				8.1	-0.76	7.34
5	B				8.2	-0.77	7.43
6	B				8.1	-0.76	7.34
7	B				8.0	-0.76	7.24
8	B				8.3	-0.77	7.53
9	3.0 3.1		5.85	8.85	8.8	-0.80	8.00
10	B				8.5	-0.78	7.72
11							
12	3.2 3.3		5.81	9.01	8.9	-0.80	8.10
13	B						
14	3.0 3.1		5.85	8.85	Sup.		
15		5.5	5.21	10.71			
16		3.8	5.69	9.49			
17		5.5	5.21	10.71			
18		4.2	5.59	9.79			
19		5.1	5.33	10.43			
20		6.1	5.08	11.18			
21		5.5	5.21	10.71			
22		5.9	5.12	11.02			
23		6.1	5.08	11.18			
24		6.0	5.10	11.10			
25		6.5	5.01	11.51			
26		6.7	4.98	11.68			
27		6.3	5.05	11.35			
28		7.0	4.94	11.94			

(Cont next page)

MB Series 236

SeV May 20, 1920

	M7 4539	D10 cont. Cu	Magn.	Alt. corr. +.07
29	7.3	4.90	12.20	
30	7.5	4.89	12.39	
31	7.5	4.89	12.39	
32	7.9	8.00±1 8.1 4.84	12.84	
33	87	4.77	13.47	
34	8.9	4.75	13.65	
35a	9.3	4.76	14.06	
36	95	4.76	14.26	
37	9.8?	~~4~~		

+.30

Plot 210

M B Series 236

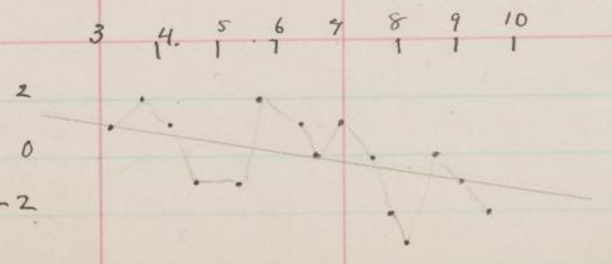
Sc V

May 20, 1920

M7 4545 b 10

	Sc 1		Sc 2		Diff.		PC	Diff.	p88 May21 Phuing		P.C.	
1	B				.		69	-.06			7.0	1
2	B				.		7.75 7.8 7.7	-.34			7.7	1
3	B				.		7.5	-.16			7.5	0
4	B				.		7.95 7.9 8.0	-.11			7.9	1
6	B				.		9.0	-.50			9.0	0
7	B				.		8.7	-.41			8.5	2
8	3.4 3.3				5.70	ws	9.5 ? ~~9.2~~	-.40	(3.2)3.3	a'	9.5	0
9		3.90	4.0	3.8	5.50				3.7	2		
10			4.1		5.59				4.0	1		
11			4.4		5.64				4.5	1		
12			5.2		5.29				5.3	1		
13			5.7		5.03				5.5	2		
15			6 7.1		5.07				6.0	1		
16			6.5		5.02				6.5	0		
17			7.0		4.90				6.9	1		
18			7.5		4.85				7.5	0		
19			7.7		5.04				7.9	2		
20		8.00	7.9	8.1	4.87				8.3	3		
21			8.8		4.68				8.80	0		
22			9.0		4.88				9.1	1		
24			9.5		4.73				9.7	2		

1:30



8-16	4-1
15	7
00	04

M ~~B~~ Series 236

Copied Bk 34; 123

Sc V

May 21, 1920

10-05 M F 4541 45 Ks pc 18 30-8.0 alt. corr. +.07

	Sc 1	Sc 2	cu	magn	pc	cu	magn
1	B				60	,	.
2	B	,	.	.	7.5	-0.16	7.34
3	2.6 2.5		.	.	8.3	-0.26	8.04
4	3.0 2.9		5.87ε	8.87ε	8.7	-0.33	8.37
5	3.3 3.2		5.80	9.10	+ p	.	.
6	3.4 3.3		5.77	9.17	n.s	.	,
7	3.6 3.5		5.70	9.30			
7a	4.0 3.9		5.65	9.65			
7b	4.6 4.5	4.60 ∘∘ 4.6	5.50	10.10			
8		4.0	5.65	9.65			
9		4.1	5.62	9.72			
10		4.9 4.7 4.80 ı ±	5.45	10.25			
11		5.0	5.40	10.40			
12		5.1	5.36	10.46			
13		5.3	5.31	10.61			
14		6.0	5.15	11.15			
15		5.9	5.16	11.06			
16		6.2	5.10	11.30			
17		7.1 7.3 7.20 ±	4.90	12.10			
18		8.0	4.76	12.76			
19		8.5	4.67	13.17			
20		8.9	4.63	13.53			
21		9.3	4.57	13.87			

Seq. on or near edge of plate - images very poor. large and dense - diff. images double? P.C's along -

Copied 45'.127

Dev

MB Series 236
May 21, 1920

M7 4542 M22 & M28 alt. corr. +.06

			sc2		cu	magn
M22	a		5.7	~~5.5~~	5.22	10.92
	b		5.6		5.23	10.83
	c	?assume 6.7	6.9		5.01	1$\overset{1}{0}$.71 .
	d		7.40, 7.3	75 7.1	4.86	12.26
	e		8.0		4.76	12.76
	f		8.5		4.67	13.17
	g		9.0		4.62	13.62
	h		9.3	9.40 9.5	4.56	13.96
	k		9.7?		4.54	14.24?
	l		ns		.	

			cu.	magn.
M28				
	a	7.7	4.82	12.52
	b	8.1	4.74	12.84
	c	8.8	4.64	13.44
	d	9.3	4.57	13.87
	e	9.7	4.54	14.24
	f	7	.	+

M7 Series 236

May 21, 1920

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ScV

M7 4543 R J Cor Aust alt. corr. +.04

	Sc 1	Sc 2	cu.	magn	DC	cu.	magn.
a	3.1 3.0		5.85	8.95	9.0	-0.38	8.62
b	3.4 3.3		5.77	9.17	9.5	-0.49	9.01
c		4.40,1 4.3 4.5	5.54	9.94			
d		4.3	5.56	9.86			
e		5.1	5.36	10.46			
f		5.3	5.32	10.62			
g		5.7	5.22	10.92			
h		6.3	5.06	11.36			
k		6.5	5.03	11.53			
l		6.6	5.02	11.62			
m		7.3	4.88	12.18			
n		7.7	4.82	12.52			
o		8.0	4.76	12.76			
p		8.1	4.74	12.81			
q		8.7	4.65	13.35			
r		8.9	4.63	13.53			
s		9.20,1 9.1 9.3	4.59	13.79			
t		9.7	4.54	14.24			

va

M7 Series 236

Sc V

May 21, 1920

	M7 4543		Eros 1902			alt. corr. +.04	
	Sc 1	Sc 2	av.	magn.	pc	cm	magn
1	B		.	.	7.8 7.5 7.65	-0.18	7.47
2	B		.	.	8.0	-0.22	7.78
3	B		.	.	8.9	-0.36	8.54
4	3.0 3.1		5.85	8.95	9.5	-0.49	9.01
5	3.9 4.0 4.00	4.0	5.65	9.65			
6		4.7 4.5 4.60	5.50	10.10			
7		5.2	5.3~~2~~4	10.54			
8		5.3	5.32	10.62			
9		5.5	5.26	10.76			
var? or def? 10		7.7	4.82	12.52			
11		6.6	5.02	11.62			
12		6.9	4.96	11.86			
13		7.9	4.77	12.67			
14		8.2	4.73	12.93			
15		8.8	4.64	13.44			

On c.s. plate 47328 10 is a magn brighter than 12 - on this plate it is about a magn fainter - pec shape -

M 7 Series 236 Copied Bk 34; 124

ScV

May 21, 1920

M 7 4544 46 Ks – Nova Aq. 2 Alt. corr. +.06

46Ks	Sc1	Sc2	cu.	magn.	PC	cu.	magn.
1	3,B		.	.	9.0	−0.38	8.62
2	B		.	.	9.3	−0.46	8.84
3		4.7	5.46	10.16			
4		5,2	5.33	10.53			
5		6,1	5.12	11.22			
6		6,3	5.07	11.37			
7		6.8	4.99	11.79			
8		7,1	4.93	12.03			
9		7,5	4.85	12.35			
10		8,0	4.76	12.76			
11		ws ~~8,8~~ 8,3	4.72	13.02			
12		8,7	4.65	13.35			

M 7 Series 236 Copied 45:138

DcV May 21, 1920

M7 4544 (cont) alt. corr. +0.6

Nova Aq 2	Sc 1	Sc 2	cm	magn.	PC	cm	magn.
a	B		.	.	9.0	-0.38	8.62
b	3.5		5.75	9.25			
c		3.9	5.66	9.56			
d		4.3	5.57	9.87			
e		4.4	5.53	9.93			
f		4.7	5.46	10.16			
g		4.3	5.56	9.86			
h		5.2	5.25 .05 05 5.3 5.33	10.58			
k		5.3	5.32	10.62			
l		5.5	5.26	10.76			
m		6.1	5.12	11.22			
n		6.3	5.06	11.36			
o		6.9	4.96	11.86			
p		8.5	4.67	13.17			
q	w.s	9.1 ~~8.5~~	9?0 1 9.3 4.60	13.80			
r		9.7?	4.54	14.24?			

Seq near edge of plate

M7 Series 236

Sc V May 21, 1920 Plot 2''

	M 7 Sc 1	4545 Sc 2	b 10 Diff.	Pc	Diff.
1	B		.	7.0	-0.16
2	B		.	7.7	-0.29
3	B		.	7.5	-0.16
4	B		.	7.9	-0.06
6	B		.	9.0	-0.50
7	B		.	8.5	-0.21
8	3.3 3.2		5.80	9.5	-0.40
9		3.7	5.70	7	7.
10		4.0	5.69		
11		4.5	5.54		
12		5.3	5.19		
13		5.5	5.23		
15		6.0	5.17		
16		6.5	5.02		
17		6.9	5.00		
18		7.5	4.85		
19		7.9	4.84		
20		8.3	4.57		
21		8.80 ~~8.7~~ 8.9	4.68		
22		9.1	4.74		
24		9.7	4.53		

12 15'

10-20

Sc V

M7 Series 84

May 25, 1920

M7 2818 M22, M28

		Sc1	Sc2
M22 –	a		5.7
	b		5.9
	c		7.1
	d		7.7
	e		8.3
	f		8.7
	g		9.3
	h		9.7
	k		9.8?
M28			
	a		8.3
	b		8.7
	c		9.3
	d		9.7
	e		7
	~~f~~		

M7 Series 84

Dcv

May 25, 1920

M7 2819 Date 19 0-16.5

	Sc 1	Sc 2
1	2.9	
2	3.1	
3	3.6	3.8
4		4.1
5		5.3
6		5.6
7		6.1
8		7.2
9		7.5
10		7.5
11		7.6
12		8.1
13		8.5
14		w.s ~~9.2~~ 8.7
15		9.0
16		9.1
17		9.5
18		9.7
19		9.7
20		7

Images poor.

M7 Series 84

ScV

May 25, 1920

M7 2820 U Telescopii

	Sc 1	Sc 2		g	h
a	2,1			5.5	5,7
b	3,5	3.8		7.3	7.5
c		4.2	4.3	8,1	8.1
d		4.6	4.4	8,1	8.0
e		4.3		7.9	8.0
f		5.1		tp	tp
g		5,7			
h		6.1			
k		6,3			
l		7.1			
m		7.5			
n		7.8			
o		8.0			
p		8.9			
q		9.3?			
r					

The above seq. was marked from B ~~24381~~ 23852 - some of the images are so blurred - ~~that~~ it is almost impossible to tell what star is meant - especially the fainter ones.

M7 Series 84

Sc V

May 25, 1920

M7 2821 W. Ides.

	Sc 1	Sc 2	
a		4.0	
b		4.7	
c		5.3	5.1
d		5.0	
e		5.5	5.7
f		5.5	
g		6.1	
h		7.0	
k		7.7	
l		7.9	
m		8.0	
n		9.0	

Reject measures in
Ser 84. pages 89-92 inc.
Some of the sequences
to be changed.
See p 95

11:40

M7 Series 84

Sc V

May 8 1920

	M7 28	Date	20 00-95	
	Sc 1 Sc 2			
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

M7 Series 84

DeV May [illegible] 1920

M7 28 10 11

12 – Sept

M7 Series 84
June 3, 1920

Copied 45'.127

M7 2818 – M22 + 28

Alt. corr. +.05

M22

	Sc1	Sc2	cu.	magn	g	h	cu.	magn	pc
a	3.2 3.3		5.24	8.54	6.5 6.60	6.7	1.82	8.42	Zu
B	3.8 3.9		5.30	9.20	tp	tp			pc's
C		4.0	5.31	9.31					
D		4.3	5.33	9.63					
E		4.9	5.32	10.22					
F		5.3	5.24	10.54					
G		5.7	5.~~03~~11	10.81					
a		5.8	5.06	10.86					
b		5.9	5.03	10.93					
c		6.9	4.60	11.50					
d		7.7	4.26	11.96					
e		8.1	4.12	12.22					
f		8.7	3.94	12.64					
g		9.0	3.87	12.87					
h		9.5	3.76	13.26					
k		9.7	3.73	13.43					

M7 Series 84

Copied 45.127

Sc V

June 3, 1920

M7 2818 — cont

alt. corr. +.05

M28

	Sc 1	Sc 2	cu	magn.
A		3.9	5.30	9.20
B		4.2	5.33	9.53
C		4.1	5.32	9.42
D		4.4	5.34	9.74
E		5.5	5.17	10.67
F		6.1	4.95	11.05
G		6.6	4.72	11.32
H		6.8	4.63	11.43
a		8.0	4.15	12.15
b		8.3	4.05	12.35
c		8.8	3.92	12.72
d		9.3	3.80	13.10
e		9.8?	3.72	13.52 ?

M 7 Series 84 Copied BK 35,72

Scv June 3, 1920

M 7 2819 Carte 19 0 – 16.5 Alt. corr. +.06

	Sc 1	Sc 1	cu.	magn.
1	3.1 3,0		5.23	8.33
2	3.3 3,2		5.24	8.54
3	3.6 3.5		5.26	8.84
4		4.1	5.33	9.43
5		5.3	5.24	10.54
6		5,5	5.17	10.67
7		6.2	4.91	11.11
8		7.1	4.50	11.60
9		7.5	4.35	11.85
10		7.5	4.35	11.85
11		7.7	4.26	11.96
12		8,1	4.12	12.22
13		8.3	4.05	12.35
14		8,5	4.00	12.50
15		9.1	3.84	12.94
16		9.1	3.84	12,94
17		9.5	3.76	13.26
18		9.5	3.76	13.26
19		9.8	3.72	13.52

M 7 Series 84

Copied 45'.139

Sav June 3, 1920

M 7 2820 U. Y. des.

Alt. corr. −.01

	Sc 1	Sc 2	cu.	magn.	g		h	cu.	magn.
a	$2.1^{2.2}$				5.7	5.7^{0}_{0} 0	5.7	2.02	7.72
b		3.8	5.12	8.92	7.3	7.3^{0}_{0} 0	7.3	1.64	8.94
c		4.3	5.33	9.63	8.0	$8.0^{5,}_{0}$	8.1	1.41	9.46
d		4.5	5.35	9.85	8.3	8.2^{5}_{1} 0	8.2	1.34 ε	9.59 ε
e		4.5	5.35	9.85	7.9	7.9^{5}_{1} 0	8.0	1.42	9.37
f		5.1	5.28	10.38	dif?				
g		5.5	5.17	10.67					
h		6.1	4.95	11.05					
k		6.3	4.85	11.15					
l		7.0	4.55	11.55					
m		7.7	4.27	11.97					
n		7.9	4.20	12.10					
o		8.1	4.12	12.22					
p		8.8	3.93	12.73 -					
q		9.5?	3.76	13.26 ?					

M7 Series 84

Copied 45;153

Scl

June 3, 1920

M7 2821 W Teles

alt. corr. -.01

	Sc1	Sc2	cu	magn	g	h
a		3,9	5.30	9.20	+p	
b		4,5	5.34	9.84		
c		5,3	5.24	10.54		
d		4,9	5.34	10.24		
e		5,5	5.17	10.67		
f		5,5	5.17	10.67		
g		6,1	4.99	11.09		
h		7,1	4.50	11.60		
k		7,5	4.35	11.85		
l		7,7	4.27	11.97		
m		7,9	4.20	12.10		
n		8,5	4.00	12.50		
o		8,9	3.90	12.80		
p		9,1	3.84	12.94		
q		9,7	3.73	13.43		

Images not circular

M7 Series 84

June 3, 1920

Copied BK 35, 50

S.V

M7 2822 Dark 20 v - 9.5 alt. corr. +.07

Sc 1	Sc 2	cm	magn.
1	4.3	5.33	9.63
2	5.1	5.28	10.38
3	5.4	5.22	10.62
4	5.5	5.17	10.67
5	5.8	5.08	10.88
6	6.3	4.85	11.15
7	7.0	4.54	11.54
8	7.3	4.43	11.73
9	7.7	4.27	11.97
10	8.0	4.16	12.16
11	8.3	4.05	12.35
12	8.3	4.05	12.35
13	8.7	3.94	12.64
14	9.1	3.84	12.94
15	9.5	3.76	13.26

M7 Series 84

ScV June 3, 1920 Plot 211

M7 2823 D 11

	Sc 1	Sc 2	Diff	g		h	Diff
1a	B	.	Diff	4,3	4.30	4,3	.
2	2.1 2,0 2.50)		498 ~~5.08~~	4.9	4.90	4.9	2.18
3	2.40 2,5 2.3		.1 5.27	5.5	5.50	5.5	2.17
4	2.6 2.5		3 5.41	5.9	5.95	6.0	1.96
5	3.0 2.9		5.30 ~~5.40~~	6.3	6.40	6.5	1.90
6	3.3 3,2		1 5.26	+p		6.7	1.76
7	3.6 3,5		2 5.33	+p		7.1	1.73
8	3.7	3.85) 3.75 3,8	1 5.28	+p			.
10		4.1	5.35	+p		8.0	1.45
12		4.5	5.35	+p			.
14		4.7	5.27				
15		5.05 5.0 5.1	5.35				
16		5.40 5.3 5.5	5.30				
17		6.00 5.9 6.1	5.02				
20		6.7					
23		6.7 8.0	3.86				
24		7.3 8.3	4.10				
25	E	7.5 8.5	4.07				
26	S/	7.9 9.0	3.90				
27		8.1 9.3	3.84				
28		8.5 9.7	3.69				
29		8.8 9.8	3.77				
30		9.3	.				
31		9.7	.				

2:10

11:05

Dev

M7 Series 84

Copied 45: 164

June 4, 1920

M7 2824 U Microscopii alt. corr. +.03

	Sc 1	Sc 2		cu	magn.
a	3.1 3.2			5.04	8.24
b	3.7 3.8	3.85 3.9		4.98	8.83
c		3.9		4.95	8.85
d		4.0		4.94	8.94
e		4.5		4.78	9.58
f		5.8		4.59	10.39
g		6.7	6.6? 6.5	4.44	11.04
h		7.5		4.32	11.82
k		8.1		4.24	12.34
l		8.8		4.17	12.97
m		9.7		3.96	13.66

Images poor - hazy on edge -

M7 Series 84

Sc V

June 4, 1920

Copied Bk 35; 208, 9

M7 282b Barte 21 01 – 31.4 Alt. corr. +.06

	Sc 1	Sc 2		cu	magn.	g		h	cu.	magn.
1	B			•	B:	5.3	5.35 1 0	5.4	•	•
2	B			•	B	6.3	6.30 0 0	6.3	1.33	7.63
3	3.5 3.4			5.02	8.52	7.1	7.15 1 0	7.2	1.29	8.44
4	4.1 4.0	4.10 0 0	4.1	4.93	9.03	8.1	8.05 1 0	8.0	1.17	9.22
5			4.5	4.84	9.34					
6			5.3	4.68	9.68					
7			5.3	4.68	9.98					
8			6.1	4.53	10.63					
9			6.3	4.48	10.78					
10			7.1	4.37	11.47					
11			7.5	4.32	11.82					
12			8.0	4.25	12.25					
13			8.3	4.23	12.53					
14			9.0	4.13	13.13					
15			9.8	3.93	13.73					

Sc V

M 7 Series 84

June 4, 1920

Copied 27:87

M 7 2827 D 11 alt. corr. + .07

	Sc 1	Sc 2	Cu.	Magn.	g	h	Cu.	Magn.
1	B				5.3 5.20 1 1	5.1	.	.
2	B				5.7	+/p	1.34	7.04
3	B				5.9 5.80 1 1	5.7	1.34	7.14
4	B				5.5 5.40 1 1	5.3	.	.
5	B				5.9 5.90 0 0 ~~+/p~~	5.9	1.34	7.24
6	B				+/p	5.9	1.34	7.24
7	2.8 2.9		.	.	6.1 6.00 1 1	5.9	1.33	7.33
8	B				+/p	6.0	1.33	7.33
9	3.0 3.1		5.05	8.05	+/p	6.3	1.32	7.62
10	3.1 3.2		5.05	8.15	+/p	7.0	1.30	8.30
11	3.3 3.4		5.0~~5~~ 4	8.34	+/p	7.3	1.28	8.58
12	3.4 3.5		5.02	8.42	+/p	7.5	1.26	8.76
13		3.9	4.97	8.87	7.9 7.90 0 0	7.9	1.20	9.10
14		4.1	4.93	9.03	8.1 8.15 1 0	8.2	1.16	9.31
15		4.4	4.87	9.27	8.8 8.80 0 0	8.8	1.03	9.83
16		4.7	4.80	9.50	9.0 9.05 0 1	9.1	0.99	10.04
17		5.0	4.75	9.75	9.3 9.30 0 0	9.3	0.93e	10.23e
18		5.1	4.73	9.83	9.5 9.60 1 1	9.7	.	.
19		5.1	4.73	9.83				
20		5.0	4.75	9.75				
21		5.0	4.75	9.75				
22		5.3	4.69	9.99				
23		5.5	4.65	10.15				
24		5.60 1 1 5.5 5.7	4.63	10.23				
25		6.2	4.50	10.70				
26		6.4	4.48	10.88				
27		6.8	4.41	11.21				
28		7.0	4.40	11.40				

MF Series 84

ScV

June 4, 1920

MF 2827 D11

alt. corr. +.07

		Scz	Cu.	Magn.
29		7.3	4.35	11.65
30		7.7	4.30	12.00
31		8.3	4.23	12.53
32	w.s	~~6.3~~ 8.5	4.21	12.71
33		8.7	4.19	12.89
34		8.9	4.16	13.06
35		9.2	4.09	13.29
36		9.8	3.94	13.74

Dex

M7 Series 84 Plot 212

June 4, 1920

M7 2828 D11

	Se1	Se2	Diff.	g		h	Diff.
1a	B			5.3	5.3^{0}_{0}	5.3	~~1.33~~
2	B			5.7	$5.7^{5}_{1}\,0$	5.8	1.33
3	B			6.3	$6.3^{0}_{0}\,0$	6.3	1.37
4	B			6.7	$6.8^{0}_{1}\,1$	6.9	1.11
5	3.2 3.1 50 3.4		5.10	7.3	$7.7^{0}_{1}\,1$	7.1	1.10
6	3.6 3.5 3.3 3.5		4.96	7.1	$7.2^{0}_{1}\,1$	7.3	1.26
7		3.8	5.03	7.5	$7.5^{0}_{0}\,0$	7.5	1.33
8		4.0	5.03	7.7	$7.7^{0}_{0}\,0$	7.7	1.33
10		4.6	4.85	8.1	$8.2^{0}_{1}\,1$	8.3	1.25
12		5.2	4.65	9.0	$9.0^{0}_{0}\,0$	9.0	0.85
14		5.5	4.47				
15		5.7	4.70				
16		6.3	4.40				
17		6.6	4.42				
20		6.9	4.49				
23		7.8	4.06				
24		8.0	4.40				
25		8.3	4.27				
26		8.7	4.20				
27		9.0	4.14				
28		9.3	4.09				
29		9.7	3.87				
30		7	7				

12 50

10:45

Sc V

M7 Series 65

Copied 38:86

June 7, 1920

M7 2592 Nova Sagitt No 4 Alt. corr. +.05

	Sc 1	Sc 2		cu.	magn.	g		h	cu.	~~magn.~~ cu	mag.
a	B			·	B	4.2	4.25^{05}_{05}	4.3	·	2.48	6.93
b	B			·	B	5.7	5.1^{0}_{00}	5.7	1.33	2.04	7.74
c	B			·	B	+p		6.3	1.32	1.78	8.08
d	3.1 3.0		·	5.05	·	+p		7.3	1.27	1.35	8.65
e	3.4 3.3		5.12	5.02	8.52	+p		+p	·	·	g
f	3.6 3.5		5.13	5.00	8.73	+p		+p	·	·	g
g		3.9	5.15	4.95	9.05						
h		4.7	5.12	4.80	9.82						
k		5.5	4.93	4.54	10.43						
l		6.5	4.61	4.46	11.11						
m		7.1	4.40	4.37	11.50						
n		8.7	3.92	4.19	12.62						
o		9.0	3.82	4.13	12.82						
p		9.5	3.66	4.02	13.16						
q		9.7	3.62	3.96	13.32						

All images poor - primary images large + hazy - diff - elong + hazy - No PC's bcV

M7. Series 65

Copied Bk 35; 192, 3

June 7, 1920

M7 2593 Barte 18 0 -64.5 alt. corr. -15

	Sc 1		Sc 2		cu.	magn.	g		h	cu	magn.
1	B				.	B	4.1	4.00 1 1	3.9	2.50	6.50
2	B				.	B	6.1	6.10 0 0	6.1	1.87	7.97
3	B				.	B	6.5	6.50 0 0	6.5	1.68	8.18
4	33 32				5.10	8.40	7.5	7.60 1 1	7.7	1.23	8.83
5	4.0 3.9	4.00 0 0	4.0		5.16	9.16	8.3	8.40 1 1	8.5	1.00	9.40
6			4.3		5.16	9.46	7				7
7			4.9		5.07	9.97					
8			5.1		5.04	10.14					
9			5.7		4.86	10.56					
10			5.5		4.93	10.43					
11			5.9		4.81	10.71					
12			6.5		4.61	11.11					
13			7.1		4.40	11.50					
14			7.9		4.15	12.05					
15			8.3		4.03	12.33					
16			8.8		3.88	12.68					
17			9.0		3.82	12.82					
18			9.5	9.60 1 1 9.7	3.64	13.24					

M7 Series 65

Copied 45:127

ScV

June 7, 1920

M7 2594 M22

Alt. corr. +.07

	Sc1	Sc2	cu.	magn.	g		h	cu.	magn.
A	2.9 3.0		.	.	7.1	7.00	6.9	1.49	8.49
B	3.4 3.5		5.13	8.63	8.3	8.40	8.5	1.00	9.40
C	3.5 3.6		5.13	8.73	+p			.	8
D		3.9	5,15	9.05					
E		4.7	5,12	9.82					
F		5.5	4.93	10.43					
G		5.9	4.82	10.72					
a		6.0	4.79	10.79					
b		6.1	4.74	10.84					
c		7.9	4.16	12.06					
d		8.5	3.97	12.47					
e		9.0	3.82	12.87					
f		9.5	3.66	13.16					
g		9.8	3.60	13.40					
h		7	.	7					

Dev

M7 Series 65

June 7, 1920

Copied 45!127

M7 2594 cont. alt. corr. +.07

		Sc 1	Sc 2	cu.	magn.
M 28	A	3.1 3.2		.	.
	B	3.5 3.6		5.13	8.73
	C	3.5 3.6		5.13	8.73
	D		4.1	5.16	9.26
	E		5.5	4.93	10.43
	F		6.5	4.61	11.11
	G		7.0	4.43	11.43
	H		7.3	4.34	11.64
	a		8.7	3.92	12.62
	b		9.0	3.82	12.82
	c		9.7	3.62	13.32
	d		7	.	7
	~~e~~				

M7 Series 65

June 7, 1920

Copied Bk 35; 72, 73.

Dev

M7 2595 Carte 19 00 – 16.5 Alt. corr. +.07

	Sc 1	Sc 2	cu.	magn.	g		l	cu.	magn.
1	$\overset{3.5}{3.4}$		5.13	8.63	7.1	7.10 °°	7.1	1.44	8.54
2		3.9	5.14	9.04 w.s	7.7 ~~8.0~~	7.75 °	7.8	1.17	8.92
3		4.2	5.16	9.36	8.1	8.10 °°	8.1	1.07	9.17
4		5.0	5.06	10.06					
5		6.2	4.72	10.92					
6		6.3	$4.\overset{6}{5}6$	10.96					
7		7.1	4.40	11.50					
8		7.9	4.15	12.05					
9		8.2 $\overset{8.1°1}{8.0}$	4.09	12.19					
10		7.7	4.22	11.92					
11		7.9	4.15	12.05					
12		8.5	3.97	12.47					
13		8.8	3.89	12.69					
14		9.0	3.82	12.82					
15		9.7	3.62	13.32					
16		9.8	3.59	13.39					

Images elongated – not comp with scale –

M7 Series 65

Copied 45.139

DeV

June 7, 1920

M7 2596 U Telescopic

	Sc 1	Sc 2	cu	magn			cu	magn.
							alt. corr. .00	
a	B		·	B	5.9 ·	Tp	1.96	7.86
b	2.8 2.7		·	·				
c	3.4 3.3		5.12	8.52	·			
d	3.5 3.4		5.13	8.63	·			
e	3.4 3.3		5.12	8.52				
f		4.1	5.16	9.26				
g		5.1	5.03	10.13				
h		6.3	4.67	10.97				
k		6.5	4.60	11.10				
l		7.2	4.38	11.58				
m		7.9	4.16	12.06				
n		8.3	4.03	12.33				
o		8.7	3.92	12.62				
p		9.7	3.62	13.32				
q		7	·	7				

Images poor.

Scr

M7 Series 65 Plot 212

June 7, 1920

M7 2597 B 11

	Sc1	Sc2	Diff				Diff.
1	B		.	943 ~~5.9~~	4.30	4.3 ~~tp~~	2.51
2	B		.	4.8	4.80	4.8	2.28
3	B		.	5.3	5.40	5.5	2.27
4	B		.	6.1	6.10	6.1	1.81
5	3.4 3.3		4.90	6.3	6.30	6.3	2.00
6	3.4 3.3		5.06	tp		7.1	1.36
7	3.6 3.5		5.23	7.7	7.70	7.7	1.13
8		3.9	5.13	7.8	7.85	7.9	1.18
10		4.3	5.15	8.9			0.55
12		4.7	5.15				
14		5.0	4.97				
15		5.3	5.10				
16		5.8	4.90				
17		6.7	4.32				
20		7.0	4.39				
23		7.7	4.16				
24	w.s	~~7.8~~ 8	.				
25		8.4	4.17				
26		8.9	4.00				
27		9.5	3.64				
28		9.6	3.59				
29		~~9.7~~ 7	.				

12:50

Plot 213

10:10

Dev

M7 Series 65

June 8, 1920

M7 2597 D 11

	Sa 1 ~~23~~	Sa 1/2	Diff.
1	2.1 2.2		4.61
2	2.4 2.5		4.58
3	2.5 2.6		5.07
4	2.7 2.8		5.11
5	3.1 3.2		5.10
6	3.4 3.5		4.96
7	3.5 3.6		5.23
8	3.7 3.8		5.23
10		4.3	5.15
12		4.9	4.9~~4~~5
14		5.1	4.87
15		5.4	5.00
16		60	4.70
17		6.3	4.72
20		7.1	4.2~~8~~9
23		7.9	3.96
24		8.1	4.30
25		8.5	4.07
26		9.2	3.70
27		9.5	3.64
28		9.7	3.69
29		7	.

Se V

M 7 Series 65
June 8, 1920

Copied 27:210

	M 7 2598 Se 1	Se 2	E 8 Cu.	magn.	g	h	Alt. corr +.02 Cu.	magn.
1	2,4 2.5		4.94	7.44	6.0 5.95 0 1	5,9	1.79	7.74
2	2,7 2.8		5.11	7.91	5,6 5.55 0 1	5,5	1.88	7.43
3	2,9 3.0		5.20	8.20	6,3	+p	1.68	7.98
4	B				5.5 5.40 1 1	5,3	1.91	7.31
5	2,9 3.0		5.20	8.20	6,1 6.05 1 0	6,0	1.76	7.81
6	3,4 3.5		5.25	8.75	7,5 7.50 0 0	7,5	1.25	8.75
7	2,4 2.5		4.94	7.44	5,7 5.80 1 1	5,9	1.82	7.62
8	3,2 3.3		5.24	8.54	6,5 6.60 1 1	6,7	1.58	8.18
9	3,0 3.1		5.21	8.31	6,3 6.30 0 0	6,3	1.68	7.98
10	3,8 3.9 3.85 1 0	3,8	5.24	9.09	8.1 8.10 0 0	8,1	1.02	9.12
11	3,5 3.6		5.25	8.85	7,3 7.40 1 1	7,5	1.28	8.68
12	3,5 3.6		5.25	8.85	7,5 7.50 0 0	7,5	1.25	8.75
13	3,3 3.4 3.6 3.7 3.55 2 1		5.25	8.80	8,0 8.00 0 0	8,0	1.06	9.06
14	3,7 3.8		5.25	9.05	8,1 8.15 1 0	8,2	1.01	9.16
15	4,0 4.2 4.15 0 1	4,1	5.20	9.35	8,3 8.30 0 0	8,3	0.99	9.29
16	3,8 3.9 3.90 0 0	3,9	5.24	9.14	8,5	+p	0.92	9.42
17		4,3	5.20	9.50	8,8 8.90 1 1	9,0	.	.
18		4,7	5.13	9.83	9,5		.	.
19		5,3	5.00	10.30				
20		5,5	4.94	10.44				
					Se 2			
21		5,4	4.98	10.38	29 8,1		4.08	12.18
22		6,0	4.78	10.78	30 8,3		4.02	12.32
23		6,3	4.67	10.97	31 8,5		3.98	12.48
24		6,7	4.53	11.23	32 8,5		3.98	12.48
25		7,0	4.41	11.41	33 8,9		3.87	12.77
26		7,5	4.24	11.74	34 9,5		3.73	13.23
27		7,7	4.19	11.89	35 9,7		3.69	13.39
28		7,8	4.16	11.96				

Copied Bla 34:28

M7 Series 65
June 8, 1920

S.V

M7 2599 K 136

Alt. corr. +.07

	Sc 1	Sc 2	cu.	magn.	g		h	cu	magn.
1	3.2 3.3		5.24	8.54	7.1	7.20 .1	7.3	1.35	8.55
2	3.5 - 3.6		5.25	8.85	7.5	7.50 0.0	7.5	1.25	8.75
3	4.1 4.2 4.25 0.1	4.3	5.20	9.45	8.5	8.40 .1	8.3	0.95	9.35
4		4.9	5.10	10.00	9.1	9.05 .10	9.0	.	.
5		6.3	4.68	10.98					
6		6.7	4.53	11.23					
7		8.0	4.10	12.10					
9 ~~8~~		8.8	3.89	12.69					
8 ~~9~~		8.2	4.05	12.25					
10		9.5	3.72	13.22					
11		9.8	3.68	13.48					

Copied Bk 3H: 52

MF Series 65

June 8, 1920

δ c V

MF 2600 160 K Alt. corr. +.06

	Sc1	Sc2	Cu.	magn.	g	h	Cu	magn.
1	2.5 2.6		5.02	7.62	+p	+p		
2	3.1 3.2		5.22	8.42	8.3 8.20^{12}	8.1	1.00	9.20
3	3.4 3.5		5.25	8.75	8.7 8.70^{00}	8.7	0.89	9.59
4		4.45±3 4.2 4.7	5.19	9.64				
5		5.0	5.08	10.08				
6		5.5	4.94	10.44				
7		6.1	4.70	10.80				
8		6.5	4.60	11.10				
9		7.1	4.37	11.47				
10		7.5	4.24	11.74				
11		7.7	4.19	11.89				
12		8.3	4.02	12.32				
13		9.0	3.85	12.85				
14		9.5	3.72	13.22				
15		9.8	3.68	13.48				

M 7 Series 65

D c V

June 8, 1920

Copied 38: 202

	M 7 2601		Pole		g		h	Alt. corr. −.92	
	sc 1	sc 2	cu.	magn.				cu.	magn.
a	B		.	B	4.2	4.1^{0} °	4.1	.	.
b	B		.	B	5.1	5.1^{5} °	5.2	.	.
c	B		.	B	5.3	5.3^{0} °	5.3	1.96	7.26
d	2.6 2.5		5.00	7.60	6.3	6.2^{0}	6.1	1.71	7.91
e	2.8 2.7		5.10	7.90	6.3	6.3^{0} °	6.3	1.67	7.97
e'	3.3 3.2		5.23	8.53	7.3	7.3^{0} °	7.3	1.31	8.61
f	3.3 3.2		5.23	8.53	7.5	7.5^{0} °	7.5 –	1.24	8.74
g	3.4 3.3		5.24	8.64	+/~		7.5	1.24	8.74
h	3.6 3.5		5.23	8.83	7.9	7.9^{5} °	8.0	1.07	9.02
k	4.3 4.2	4.3^{0} ° 4.3	5.20	9.50					
l		4.7	5.13	9.83					
l'		4.6	5.14	9.74					
m		5.1	5.04	10.14					
n		5.2	5.02	10.22					
n'		5.7 5.5 5.6^{0}	4.90	10.50					
o		5.7	4.87	10.57					
p		6.1	4.73	10.83					
q		6.5	4.61	11.11					
r		7.3	4.30	11.60					
s		7.5	4.23	11.73					
t		7.5	4.23	11.73					
u		7.7	4.18	11.88					
w		8.3	4.02	12.32					
x		8.8	3.90	12.70					
y		9.3	3.76	13.06					
z		9.7	3.69	13.39					
α									

Plot 213

M7 Series 65
June 8, 1920

M7 2602 Di 11

Ser	Sc1	Sc2	Diff.	g		h	Diff.
1	2.1 2.0		4.71	4.9	4.90	4.9	1.91
2	2.4 2.3		4.68	5.0	5.05	5.1	2.03
3	2.6 2.5		5.07	tp		5.9	1.77
4	2.6 2.5		5.31	6.1	6.15	6.2	1.76
5	3.1 3.0		5.20	6.9	6.80	6.7	1.50
6	3.2 3.1		5.26	7.1	7.05	7.0	1.41
7	3.6 3.5		5.23	tp		tp	.
8		3.8	5.23	8.0	7.95	7.9	1.08
10		4.3	5.~~04~~15	tp		8.5	0.95
12		4.6	5.25				
14		4.9	5.07				
15		5.3	5.10				
16		5.9	4.80				
17		6.3	4.72				
20		6.9	4.49				
23		7.8	4.06				
24		8.0	4.40				
25		8.3	4.27				
26		9.0	3.90				
27		9.3	3.84				
28		9.7	3.69				
29		7	.				

1! 00

1-30

SeV

M7 Series 228 (East Half)

June 16, 1920

Copied Bk 27:153

M7 4460 E7

Alt. corr. +.02

	Se1	Se2	Cu.	magn.	PC	cu.	magn.
1	1.0$^{1.1}$		.	.	7.3	−0.16	7.14
2	1.4$^{1.5}$		.	.	7.7	−0.21	7.49
3	1.3$^{1.4}$		.	.	7.5	−0.20	7.30
4	1.5$^{1.6}$		.	.	7.8	−0.22	7.58
5	2.0$^{2.1}$		.	.	8.1	−0.26	7.84
6	2.1$^{2.2}$		.	.	8.1	−0.26	7.84
7	1.9$^{2.0}$		.	.	7.9	−0.23	7.67
8	2.3$^{2.4}$		.	.	8.3	−0.30	8.00
9	2.1$^{2.2}$		.	.	8.1	−0.26	7.84
10	3.0$^{3.1}$		6.08	9.18	Sup	.	.
11	2.9$^{3.0}$		6.10	9.10	9.0	−0.46	8.54
12	2.4$^{2.5}$		.	.	8.3	−0.30	8.00
13	2.5$^{2.6}$		.	.	8.5	−0.33	8.17
14	3.4$^{3.5}$		5.90	9.40	Sup		
15	3.7$^{3.8}$		5.77	9.57			
16	3.3$^{3.4}$		5.95	9.35			
17	w.s	3.5 ~~4.3~~	5.90	9.40			
18	w.s	4.3 ~~4.1~~	5.52	9.82			
19		4.1	5.63	9.73			
20		4.7	5.30	10.00			
21		5.0	5.18	10.18			
22		5.5	4.99	10.49			
23		5.7	4.91	10.61			
24		5.9	4.83	10.73			
25		6.0	4.80	10.80			
26		6.3	4.71	11.01			
27		6.5	4.67	11.17			
28		6.5	4.67	11.17	PC's elongated.		

ScV

Copied

M7 Series 228

June 19, 1920

M7 4460 (cont)

Alt. corr. +.02

	Scz	Cu.	Magn.
29	6.5	4.67	11.17
30	6.7	4.60	11.30
31	7.1	4.52	11.62
32	7.5	4.43	11.93
33	7.5	4.43	11.93
34	7.7	4.38	12.08
35	78	4.36	12.16
36	8.7	4.27	12.97
37	8.7	4.27	12.97
38	9.0	4.29	13.29
39	9.3	4.30	13.60
40	Close to br	.	.
41	9.8	.	.
42	9.8	.	.

S a V

M7 Series 228

June 12, 1920

Copied 45', 122

M7 4463 Carte-Trifid – Nova Sag. 3 alt. corr. +09

Nova Sag. 3	S~1		S~2	Cu.	Mag.	pc	Cu.	Mag.
a	1.8 1.7			.	.	72	−0.15	7.05
b	2.8 2.7			.	.	8.3	−0.30	8.00
c	3.6 3.5			86 5.90	6 9.40	9.5 ?	−0.60	8.90
d	3.8 3.7	5 3.80	3.9	5 5.77	60 9.~~57~~			
e			4.2	5.58	9.78			
f			4.7	5.30	10.00			
g			4.9	5.22	10.12			
h			5.3	5.06	10.36			
k			5.3	5.06	10.36			
l			6.2	4.75	10.95			
m		6.80	6.9	4.58 6.7	11.38			
n			7.3	4.47	11.77			
o		.	7.7	4.38	12.08			
p' ~~p~~		w.s	8.0 ~~7.7~~	4.32	12.32			
a'	2.6 2.5			.		8.5 ~~8.3~~	−0.33	~~8.17~~
K'			5.8	4.88	10.68			
q' ~~q~~			8.5	4.27	12.77			
r' ~~r~~		9.00	8.9	4.28 9.1	13.28			

Not of the original sequence :. changed to p', q', r'.

M7 Series
June 12, 1920

Copied 45.114

Dcv

M7 4463

abt. corr. +.09

		Sc1	Sc2	cu.	magn.	PC	cu.	magn.
Trifid Neb —	a	B		.	B	5.9	.	.
	b	B		.	B	6.3	.	.
	c	B		.	B	7.1 $\overset{7.0}{6.9}$	-0.13	6.87
	d	$\overset{2.2}{2.1}$		.	.	Sup.	.	V
	e	B		.	B	7.2	-0.15	7.05
	f		2.9 $\overset{3.0}{3.1}$	6.10	9.10	8.5 $\overset{8.6}{8.7}$	-0.36	8.24
	g		3.3	5.99	9.29	8.9	-0.43	8.47
	h		4.0	5.69	9.69	7	.	7
	k		5.1	5.13	10.23			
	l		5.4	5.03	10.43			
	m		5.7	4.91	10.61			
	n		6.4	4.68	11.08			
	o		6.9	4.55	11.45			
	p		7.2	4.50	11.70			
	q		~~7.8~~ 7.5	4.43	11.93			
	r		7.5	4.43	11.93			
	s		7.8	4.35	12.15			
	t		8.3	4.27	12.57			
	u		8.5	4.26	12.76			
	w		8.7	4.26	12.96			
	x		9.1 $\overset{9.15}{9.2}$	4.30	13.45			

DeV

M 7 Series 228

June 10, 1920

Copied Bk 35; 96

M 7 4963 (Cont.)

Carte.

18h −23°.5

Alt. corr. +.09

	Sc 1	Sc 2	Cu	~~Ca~~	Magn.	PC	Cu	Magn
1	B		.	.	.	7.6	−0.20	7.40
2	B		.	.	.	7.7	−0.21	7.49
3	2.4 2.3		.	4.81	.	8.2	−0.27	7.93
4	2.5 2.4		.	4.92	.	8.5	−0.34	8.16
5	3.2 3.1		6.04	5.23	9 ~~8~~.24	Scr.	.	9
6	3.1 3.0		6.06	5.21	9.16	Scr	.	9
7	3.4 3.3		5.96	5.24	9.36	Scr.	.	9.
8	Scr.		.	.	9			
9		4.9	5.22	5.10	10.12			
10		5.0	5.18	5.07	10.18			
11		5.5	4.99	4.93	10.49			
12		5.9	4.83	4.81	10.73			
13		6.1	4.76	4.73	10.86			
14		6.3	4.72	4.66	11.02			
15		6.3	4.72	4.66	11.02			
16		6.6	4.64	4.56	11.24			
17		7.3	4.47	4.30	11.77			
18		7.5	4.43	4.24	11.93			
19		7.5	4.43	4.24	11.93			
20		7.7	4.37	4.18	12.07			
21		7.9	4.34	4.03	12.24			
22		8.5	4.26	3.96	12.76			
23		9.1	4.29	3.83	13.39			

Region of Carte badly scratched.

Copied Bb 34;26

DeV

M7 Series 228

June 10, 1920

M7 4464 134 K V Serp Pg 126 alt. corr. +.09

		Sc1	Sc2	cu	magn.	PE	cu	magn.
134 K	1	2.0 2.1		.	.0	7.8	-0.23	7.57
	2	2.8 2.9		6.02	8.92	9.1	-0.48	8.62
	3	3.8 3.9	3.9°° 3.9	5.73	9.63			
	4		4.2	5.58	9.78			
	5		4.6	5.36	9.96			
	6		5.4	5.03	10.43			
	7		5.5	4.99	10.49			
	8		6.2	4.74	10.94			
	9		5.9	4.83	10.73			
	10		~~6.4~~ 6.1	4.76	10.86			
x assumed 7.0 L.H ~~Uncertain~~	11		x 7.0	4.54	11.54			
	12		7.0	4.54	11.54			
	13		7.5	4.43	11.93			
	14	w.s	8.1 ~~8.7~~ 8.5	4.30	12.40			
	15	w.s	7.9 ~~8.0~~	4.33	12.23			
	16		8.7	4.26	12.96			

Some difficulty in marking this seq. Orig plate not found
Seq. was traced from B 46651

~~[illegible]~~

D.V

M F Series 228

June 11, 1920

Copied 45'.120

M F 4464 (Cont.)

Alt. corr. +.09

		Sc 1	Sc 2	cu.	magn.	PC	cu	magn
V Serpentis	α	B		.	B	8.0	-0.25	7.75
	β	B		.	B	8.0	-0.25	7.75
	a	3.5 3.4	~~3.4~~	5.90	9.40	7.7?	-0.66	9.04?
	b		3.9	5.73	9.63			
	c		4.4	5.47	9.87			
	d		4.5	5.42	9.92			
	d'		5.2	5.10	10.30			
	d²		5.60: 5.7 5.5	4.95	10.55			
	d³		5.9	4.83	10.73			
	e		6.9	4.55	11.45			
	f		6.5	4.56	11.06			
no plate	g		~~7.5~~	.	.			
no star	h		-	.	.			
	k		7.5	4.43	11.93			
	l		7.9	4.34	12.24			
	m		8.1	4.30	12.40			
	n		8.9	4.27	13.17			
	o		9.60: 9.5 9.7	4.34e	13.94e			
	p		Z	.	F			

M7 Series 228

SeV June 11, 1920 alt. corr. +.07

(Comp Stars on A 2661)

M7 4465			Nova Sag				
	Sc 1	Sc 2	cu	magn	pg	cu	magn.
α	B		.	B	6.4	.	.
1	B		.	B	7.3	-0.16	7.14
2	B		.	B	7.9	-0.24	7.66
3	2.4 2.3		.	.	8.1	-0.26	7.84
4	2.8 2.7		6.14e	8.94e	8.5	-0.34	8.16
5	3.2 3.1		6.03	9.23			
6	3.6 3.5		5.86	9.46			
7	4.0 3.9	4.0° ° ° 4.0	5.70	9.70			
8		5.2	5.10	10.30			
9		5.5	4.99	10.49			
10		5.5	4.99	10.49			
11		6.1	4.76	10.86			
12		6.5	4.66	11.16			
13		6.8	4.58	11.38			
14		6.5	4.66	11.16			
15		7.1	4.52	11.62			
16		7.9	4.34	12.24			
17		8.1	4.31	12.41			
18		8.3	4.27	12.57			
19		8.5	4.26	12.76			
20		8.7	4.26	12.96			
21		9.1	4.30	13.40			
22		Sup	.	8			
23		7	.	7			

Plot 213

ScV

M7 Series 228

June 11, 1920

M7 4466 D. 10

	Sc1	Sc2	Diff.	Pc1	Diff.
1	B		.	7.X	-0.26
2	B		.	7.8	-039
3	B		.	7.5	-0.16
4	B		.	7.9	-0.06
6	B		.	8.8	-0.30
7	B		.	8.7	-0.41
8	3.1 3.0		6.00	9.8	-0.70
9	3.4 3.3		6.00		
10	4.0 3.9	4.0°°° 4.0	5.69		
11		4.7	5.34		
12		5.7	4.79		
13		6.1	4.63		
15		6.5	4.67		
16		6.7	4.82		
17		7.2	4.70		
18		8.1	4.25		
19		8.5	4.24		
20		8.7	4.17		
21		9.1	4.38		
22		9.3	4.54		
24		7			
~~25~~					
~~26~~					

11.50

Plot 213

10:30
ScV

M7 Series 243

June 14, 1920

M7 460 H b9

	Sc1	Sc2	Diff.	Pc	Diff.
3	B		.	7.9	-0.86
4	B		.	8.3	-0.48
5	3.0 2.9		5.06	8.5	-0.44
6	3.4 3.3		5.07	8.9	-0.43
7	3.6 3.5		5.44	9.5	-0.46
8		4.20 1.1 4.1 4.3	5.33		
9		5.1	4.99		
12		5.5	5.07		
14		6.0	4.79		
15		6.3	4.8~~8~~3		
16		6.5	5.10		
17		6.7	5.13		
18		7.5	4.91		
20		7.8	4.96		
21		8.1	4.96		
22		8.5	4.90		
23		9.1	4.64		
24		9.3	4.63		
25		9.7	4.43		
27		7	.		
8a		4.45 2.1 4.6 4.3	5.23		
16a		6.7	.		
14a		6.9	.		

ScV

M 7 Series 243
June 14, 1920   Copied Bk 35; 46

M 7 4605 Cont. 16 v − 8 alt. corr. +.05

	Sc 1	Sc 2	cu	magn	PC	cu	magn.
1	B		.	B	7.6	−0.44	7.06
2	3.1 3.0		5.17	8.27	9.5	−0.48	9.02
3	3.9 3.95 3.8 1 0	4.0	5.22	9.17			
4		4.4	5.14	9.54			
5		5.1	4.95	10.05			
6		5.0	4.99	9.99			
7		6.0	4.75	10.75			
8		6.1	4.74	10.84			
9		6.3	4.71	11.01			
10		7.0	4.55	11.55			
11		7.5	4.60	12.10			
12		7.5	4.60	12.10			
13		7.6	4.60	12.20			
14		8.00, 1 7.9 8.1	4.57	12.57			
15		8.5	4.54	13.04			
16		8.8	4.53	13.33			
17		9.7	4.44	14.14			
18		9.5	4.46	13.96			

Copied Bk 34; 26.

M 7 Series 243
June 14, 1920

Dev

M 7 4606 – 134 K

Alt. corr. +.05

	Sc 1		Sc 2	cu	Magn	Pc	cu..	Magn.
1	B			.	B	8.5	-0.47	8.03
2	3.3 3.2			5.20	8.50	9.3	-0.48	8.82
3	3.8 3.7			5.23	9.03			
4	4.0 3.9	4.00 °	4.0	5.20	9.20			
5			4.2	5.19	9.39			
6			4.8	5.03	9.83			
7			4.9	5.00	9.90			
8			6.0	4.75	10.75			
9			5.7	4.80	10.50			
10			6.1	4.73	10.83			
11			7.0	4.64	11.64			
12			7.3	4.62	11.92			
13			8.0	4.57	12.57			
14			8.7	4.53	13.23			
15			8.3	4.56	12.86			
16			9.8	4.44	14.24			

Sev

M7 Series 243

June 14, 1920

Copied 45'.121

M7 4609 – V Serpentis   alt. corr. +.08

				cu	magn		cu	magn
α	B			·	B	7.8	−0.45	7.35
β	B			·	B	8.1	−0.46	7.64
a	3.4 3.3			5.21	8.61	9.8	−0.48	9.32
b	3.9 3.8	$3.9^{0}_{0}{}^{0}$	3.9	5.22	9.12			
c			4.7	5.19	9.39			
d			4.5	5.12	9.62			
d′			5.0?± 5.1 4.9	4.98	9.98			
d^2			5.5	4.84	10.34			
d^3			5.8	4.78	10.58			
e			7.0	4.65	11.65			
f			6.5	4.70	11.20			
k			7.7	4.59	12.29			
l			8.1	4.57	12.67			
m			8.7	4.53	13.23			
n			7	·	7			
o			n.s	·	n.s			
p			n.s	·	n.s			

Images poor. slightly long. ft. images hazy.

Copied 45: 12^{n}

Sev

M7 Series 243

June 14, 1920

Reduced with M7 4615 | M7 4611 | Nova Sag 3 | alt corr. +.07

Cu.	mag.					Cu.	Mag.	pg	Cu.	mag.
·		a	B			·	,	7.3	-0.42	6.88
·		b	3.0			5.17	8.17	8.3	-0.46	7.84
5.28	9.23	c	3.9	3.95	4.0	5.22	9.17			
5.20	9.30	d			4.1	5.20	9.30			
5.02	9.~~8~~52	e			4.5	5.12	9.62			
4.~~76~~80	9.90	f			5.1	4.96	10.06			
4.~~87~~68	10.08	g			5.4	4.87	10.27			
4.~~78~~52	10.52	h			6.0	4.75	10.75			
4.~~72~~48	10.68	k			6.2	4.72	10.92			
4.33	11.33	l			7.0	4.65	11.65			
4.26	11.76	m			7.5	4.60	12.10			
4.22	12.22	n			8.0	4.58	12.58			
4.20	12.50	o			8.3	4.56	12.86			
4.22	12.92	~~p~~ p'			8.7	4.53	13.23			
4.24	13.24	~~q~~ q'			9.0	4.50	13.50			
4.30	13.80	~~r~~ r'			9.5	4.46	13.96			
		a'	+p					8.7	-0.47	8.23
4.38	11.08	k'			6.7	4.68	11.38			

Stars p, q, r of original sequence: had to change these three stars to p' q' r'. See B 51039

Images elongated

ScV

M7 Series 243

June 14, 1920

Copied 45:114

M7 4611 - Trifid Neb

Alt. corr. +.07

	Sc 1		Sc 2	cu	magn	PC	cu	magn.
a	B			.	B	6.0	.	.
b	B			.	B	6.5	.	.
c	B			.	B	7.1	-0.42	6.68
d	B			.	B	Sup	.	q
e	B			.	B	7.4	-0.43	6.97
f	B			.	B	8.8	-0.47	8.33
g	3.8 3.7	3.80 ° °	3.8	5.23	9.03	9.3	-0.47	8.83
h			4.8	5.03	9.83	?	.	?
k			5.9	4.76	10.66			
l			6.1	4.73	10.83			
m			6.5	4.70	11.20			
n			7.1	4.64	11.74			
o			7.5	4.60	12.10			
p			7.8	4.58	12.38			
q			8.3	4.56	12.86			
r			8.2	4.57	12.77			
s			8.7	4.53	13.23			
t			9.0	4.50	13.50			
u			9.3	4.47	13.77			
w			9.7	4.44	14.14			
x			?	.	?			

Copied Bla 35:96

M7 Series 243
June 14, 1920

DeV

M7 4611 Darts $18^{h} - 23^{\circ}.5$ Alt. corr +.07

	Sc1	Sc2	Cu.	Magn	PC	cu	magn
1	B		·	B	7.7	−0.45	7.25
2	B		·	B	7.9	−0.46	7.44
3	B		·	B	8.5	−0.47	8.03
4	3.1 3.0		5.17	8.27	8.7	−0.47	8.23
5	3.9 3.8	3.85 3.8	5.23	9.08	9.3	−0.48	8.82
6	3.8 3.7		5.23	9.03	9.8	−0.48	9.32
7		4.0	5.20	9.20			
8		4.3	5.16	9.46			
9		5.5	4.84	10.34			
10		5.5	4.84	10.34			
11		6.1	4.74	10.84			
12		6.3	4.71	11.01			
13		6.5	4.70	11.20			
14		6.7	4.67	11.37			
15		6.5	4.70	11.20			
16		7.1	4.64	11.74			
17		7.5	4.60	12.10			
18		7.7	4.59	12.29			
19		8.0	4.57	12.57			
20		8.1	4.56	12.66			
21		8.5	4.54	13.04			
22		8.8	4.53	13.33			
23		9.5	4.46	13.96			

ScV

M7 Series 243

June 14, 1920

Copied Bks 34; 26

M7 4613 1345 pc

Alt. corr. +.07

	Sc1		Sc2		cu	magn.		cu	magn.
1	B				.	B	8.3	-0.47	7.83
2	3.2 3.1				5.18	8.38	9.3	-0.48	8.82
3	4.1 4.0	4.1 0 0	4.1		5.20	9.30			
4			4.6		5.10	9.70			
5			5.0		4.98	9.98			
6			5.5		4.84	10.34			
7			5.8		4.78	10.58			
8			6.3	6.4 0 1 6.5	4.71	11.11			
9			6.3		4.71	11.01			
10			6.5		4.70	11.20			
11			7.5	7.4 0 1 7.3	4.62	12.02			
12			7.5		4.60	12.10			
13			7.9		4.57	12.47			
14			8.5		4.54	13.04			
15			8.3		4.56	12.86			
16			9.3	9.4 0 1 9.5	4.46	13.86			

ScV

M7 Series 243

June 14, 1920

Copied 45:121

M7 4613 V Serpentis

Alt. corr. +.07

	Se 1		Se 2	cu	magn	p c	cu	magn.
α	B			.	B	8.0	−0.46	7.54
β	B			.	B	8.5	−0.47	8.03
a	3.6 3.5			5.23	8.83	9.8	−0.48	9.32
b	4.0 3.9	4.00	4.0	5.21	9.21			
c			4.3	5.16	9.46			
d			4.5	5.12	9.62			
d^1			5.1	4.96	10.06			
d^2			5.7	4.80	10.50			
d^3			6.0	4.76	10.76			
e			7.0	4.64	11.64			
f			6.7	4.66	11.36			
k			7.60 7.5 7.7	4.60	12.20			
l			8.2	4.56	12.76			
m			8.7	4.53	13.23			
n			9.5?	4.46	13.96?			
o			7		7			
p			7					

Sel

M7 Series 243

June 14, 1920

Copied Bls 27; $\overset{9}{78}$

M7 4614 D10

Alt. corr. +.08

	Sc 1	cu	Sc 2 ma	cu	magn.		Pg	cu.	magn.
1	B			.	B		7.~~5~~8	-0.46	7.34
2	B			.	B		8.2, 8.1$^{0}_{1}$, 8.0	-0.46	7.64
3	$\overset{2.1}{2.0}$			.	.ws		~~7.8~~ 8.1	-0.46	7.64
4	$\overset{2.2}{2.1}$			.	.ws		8.1 ~~8.8~~	-0.46	7.64
5	$\overset{2.5}{2.4}$			.	.		8.9, 8.8$^{0}_{1}$, 8.7	-0.47	8.33
6	$\overset{2.5}{2.4}$			.	.		8.5	-0.46	$\overset{.04}{8.\cancel{96}}$
7	$\overset{2.7}{2.6}$			.	.		9.0, 8.9$^{0}_{1}$, 8.8	-0.47	8.43 ~~9.37~~
8	$\overset{3.1}{3.0}$			5.17	8.27		9.3	-0.48	8.82 ~~9.78~~
9	$\overset{3.4}{3.3}$			5.21	8.61		9.5 ~~9.0~~	-0.48	$\overset{.02}{9.\cancel{98}}$
10	$\overset{2.8}{2.7}$			5.23	8.03		9.5, 9.4$^{0}_{1}$, 9.3	-0.48	9.2 ~~8.88~~
11	$\overset{3.5}{3.4}$			5.22	8.72		Sup	.	9.
12	$\overset{3.6}{3.5}$			5.23	8.83		9.7	-0.48	9.22
13	$\overset{3.5}{3.4}$			5.22	8.72				
14	$\overset{3.6}{3.5}$			5.23	8.83				
15			5.8	4.80	10.60				
16			4.2	5.18	9.38				
17			5.5	4.83	10.33				
								cu	magn.
18			5.3	4.90	10.20	29	7.5	4.61	12.11
19			6.5	4.70	11.20	30	7.7	4.59	12.29
20			6.5	4.70	11.20	31	7.8	4.57	12.37
21			6.0	4.76	10.76	32	8.1	4.56	12.66
22			6.3	4.71	11.01	33	9.1	4.49	13.59
23			6.3	4.71	11.01	34	8.9	4.52	13.42
24			6.5	4.70	11.20	35	9.3, 9.4$^{0}_{1}$, 9.5	4.46	13.86
25			7.1	4.64	11.74	36	9.7	4.44	14.14
26			7.0	4.64	11.64	37	9.9	4.43	14.33
27			6.9	4.65	11.55				
28			7.3	4.63	11.93				

Plot 213

M 7 Series 243

DeV

June 14, 1920

M 7 4615 B. 10

	Sc 1		Sc 2	Diff	PC	Diff.
1	B			.	7.3	-0.46
2	B			.	7.8	-0.39
3	B			.	7.6	-0.26
4	B			.	8.0	-0.16
6	B			.	8.7?	-0.20 ?
7	B			.	8.9	-0.61
8	3.6 3.5	3.65, 0	3.7	5.45	9.7	-0.60
9			4.2	5.20		
10			4.8	4.89		
11			5.3	4.7$\overset{4}{3}$		
12			6.1	4.39		
13			6.5	4.23		
15			6.7	4.47		
16			7.3	4.42		
17			7.5	4.40		
18			8.1	4.25		
19			8.5	4.24		
20			8.8	4.07		
21			9.1	4.38		
22			9.5	4.34		
24			7	.		

1:40

12:40

ScV

M7 Series 114. Plot 214

June 19, 1920

M7 3177 B4

	Sc 1		Sc 2	Diff	Pc	Diff
1	B			.	78	-1.09
2	B			.	8.2 0 1 8.1 > 8.3	-0.99
3	B			.	8.5	-1.18
4	3.1 3.0			4.64	9.0	-1.26
5	3.6 3.5			4.81	9.7	-1.29
7	3.6 3.5	3.7 0 1 1	3.8	5.04	9.8	-1.06
8			4.0	4.87		
9			4.4	4.94		
11			5.3	4.65		
13			5.5	4.69		
14			6.2	4.54		
16			6.5	4.60		
17			7.1	4.40		
18			7.5	4.43		
19			8.2 0 1 1 8.3 8.1	3.92		
20			8.7	3.80		
22			9.1	3.68		
23			9.5	3.50		
24			7			
~~26~~						
~~27~~						

DeV

M7 Series 114

June 19, 1920

Copied Bk 34; 133

M7 3178 147 K – Cart. ^{gte} Alt. corr. +.04

		Sc1	Sc2	cu	magn	PC	cu.	magn
147 K	1	3.0 3.1		4.66	7.76	9.8	-1.45	8.35
	2	3.5 3.6 3.60	3.6	4.73	8.33			
	3		3.8	4.74	8.54			
	4		4.2	4.72	8.92			
	5		5.5	4.49	9.99			
	6		5.9	4.40	10.30			
	7		6.9	4.12	11.02			
	8		7.4	3.96	11.36			
	9		8.0	3.79	11.79			
	10		8.3	3.71	12.01			
	11		8.5	3.64	12.14			
	12		9.1	3.45	12.55			
	13		9.5	3.33	12.83			
	~~14~~		n.s	.	n.s			
	~~15~~							

Images poor – large & hazy

Sc V

M7 Series 114
June 19, 1920

Copied Bk 35, 108

M7 3178 Carte 7h −31°.5 alt. corr. +.04

	Sc 1		Sc 2		cu	magn	PC	cu.	magns.
A	3.0 2.9				4.65	7.85	7.9	−1.28	6.62
B	3.3 3.2				4.70	8.00	9.1	−1.42	7.68
C	3.4 3.3				4.71	8.11	9.8	−1.45	8.35
D	4.0 3.9	3.95	3.9		.74 ~~4.59~~	8.69			
E			4.6		4.67	9.27			
F			5.1		4.57	9.67			
G			5.7	5.60: 5.5	4.46	10.06			
H			6.5		4.22	10.72			
K			7.1		4.05	11.15			
L			7.8		3.84	11.64			
M			8.7		3.58	12.28			
N			9.0		3.50	12.50			
O			9.5	9.60: 9.7	3.30	12.90			

DeV

M 7 Series 114

June 19, 1920

Copied Bk 35; 156,7

M 7 3179 Date 7pc - 52.0 Alt. corr. -.04

	Sc 1		Sc 2	cu	magn.		cu	magn
1	B			'	B	7.5	-1.23 E	6.27
2	2.1 2.0			.	.	7.9	-1.28	6.62
3	2.8 2.7			4.60	7.40	8.9	-1.39	7.51
4	4.0 3.9	4.00 0 0	4.0	4.23	8.23	n.s	.	ns
5			4.3	4.22	8.52			
6			5.1	4.57	9.67			
7			5.5	4.49	9.99			
8			6.3	4.27	10.57			
9			6.7	4.16	10.86			
10			6.9	4.12	11.02			
11			7.5	3.93	11.43			
12			8.0	3.79	11.79			
13			8.5	3.64	12.14			
14			8.8	3.56	12.36			
15			9.8	3.24	13.04			

De V

M7 Series 114
June 19, 1920

Copied Blk 27; 127

M7 3181 E 4

Alt. corr. +.03

	Sc 1	Sc 2	cu.	magn.	pc	cu.	magn.
1	B		·	B	7.5	-1.23e	6.27e
2	B		·	B	7.9	-1.28	6.62
3	3.2 3.1		4.68	7.88	8.8	-1.37	7.43
4	3.0 2.9		4.64	7.64	8.9	-1.39	7.51
5	3.0 2.9		4.64	7.64	9.0	-1.40	7.60
6	3.2 3.1		4.68	7.88	9.0	-1.40	7.60
7	3.1 3.0		4.66	7.76	8.9	-1.39	7.51
8		3.8	4.73	8.53	9.4 0.1 9.5 9.3	-1.44	7.96
9		4.3	4.72	9.02			
10		4.8 0.1 4.9 4.7	4.64	9.44			
11		4.9	4.63	9.53			
12		5.1	4.57	9.67			
13		4.9	4.63	9.53			
14		5.1	4.57	9.67			
15		5.0	4.60	9.60			
16		5.3	4.53	9.83			
17		5.5	4.49	9.99			
18		6.0	4.37	10.37			
19		6.2	4.31	10.51			
20		6.3	4.26	10.56			
21		6.5	4.23	10.73			
22		7.1	4.05	11.15			
23		7.2	4.03	11.23			
24		7.5	3.94 ~~4.44~~	11.44			
25		7.9	3.81	11.71			
26		8.1	3.75	11.85			
27		8.2	3.73	11.93			
28		8.9	3.53	12.43	Cont Pg 145		

M7 Series 114

June 19, 1920

Dcl

M7 3181 (cont.)

Alt. corr. +.03

	sc2	cu.	magn.
29	8.8 8.7	3.58	12.28 12.36
30	9.6 9.5	3.33	12.83
31	9.8 9.7	3.26	12.96 ~~13.04~~
32	9.9 9.8	3.24	13.04
33	7	.	7

Copied Bk 34; 107

M7 3182 28 KD

	sc1	sc2	cu	magn	pc	cu.	magn.
1	B			B	7.7	-1.26	6.44
2	2.9 2.8		4.63	7.53	9.3	-1.43	7.87
3		5.1	4.57	9.67			
4		5.5	4.49	9.99			
5		6.1	4.34	10.44			
6		7.0	4.09	11.09			
7		7.40, ± 7.5 7.3	3.97 ~~4.37~~	11.37			
8		7.7	3.87	11.57			
9		7.7	3.87	11.57			
10		8.0	3.79	11.79			
11		8.2	3.73	11.93			
12		8.7	3.58	12.28			
13		8.8	3.55	12.35			
14		9.5	3.33	12.83			
15		Scr.	.	9			

over

Copied 48', 156

M 7 Series 114
June 19, 1920

ScV

M 7 3182 R S Velorum   alt. corr. +.02

	Sc 1	Sc 2	cu	magn.	PC	cu	magn
a	3.0 3.1		4.67	7.77	9.1	-1.41	7.69
b	3.5 3.6		4.73	8.33			
c	3.9 4.0 4.00 °°	4.0	4.73	8.73			
d		4.4	4.70	9.10			
e		5.1	4.57	9.67			
f		6.1	4.33	~~9~~ 10.43			
g		7.0	4.09	11.09			
h		7.5	3.94	11.44			
k		7.8	3.84	11.64			
l		8.0	3.79	11.79			
m		8.3	3.71	12.01			
n		8.8	3.55	12.35			
o		9.3	3.41	12.71			
p		9.8 9.75₀! 9.7	3.25	13.00			
q		9.8	3.24	13.04			
r		7	.	7			

M7 Series 114

June 19, 1920

Copied Bk 3H, 8H

ScV

M7 3184			192 K			Alt. corr. -.06	
	Sc 1	Sc 2	cu	magn.	Pc	cu.	magn.
1	2,9 3.0		4.65	7.65	9.0	-1.40	7.60
2	3,7 3.8 3.85	3,9	4.73	8.58			
3		5,5	4.49	9.99			
4		5,9	4.40	10.30			
5		6,1	4.34	10.44			
6		6,5	4.23	10.73			
7		6,9	4.12	11.02			
8		7,1	4.05	11.15			
9		7,5	3.94	11.44			
10		7,5	3.94	11.44			
11		7,9	3.82	11.72			
12		8,0	3.79	11.79			
13		8,3	3.71	12.01			
14		8,7	3.57	12.27			
15		9,1	3.46	12.56			
16		9,5	3.33	12.83			
17		9,8	3.24	13.04			

Sc V

M7 Series 114

Copied 44:166

June 19, 1920

M7 3185 B Velourum

Alt. corr. .00

	Sc 1	Sc 2		cu	magn	pc		cu	magn
a	2.9 3.0			4.65	7.65	9.0		-1.40	7.60
b	3.3 3.4			4.71	8.11	9.3?	nearby star	-1.43	7.87?
c	3.8 3.9	3.95 0 4.0		4.73	8.68				
d		6.2		4.31	10.51				
e		~~6.~~ .7	6.6° 6.5	4.20	10.80				
f		4.9		4.63	9.53				
g		5.1		4.57	9.67				
h		6.1		4.34	10.44				
k		6.3	6.2° 6.1	4.31	10.51				
l		7.1		4.05	11.15				
m		6.9		4.12	11.02				
n		7.3		4.00	11.30				
o		7.8		3.84	11.64				
o'		8.0		3.78	11.78				
o²		8.2		3.73	11.93				
o³		8.5		3.64	12.14				
o⁴		9.1		3.46	12.56				
p		9.7		3.26	12.96				

Copied Bk3H; 136

ScV

M7 Series 114

June 19, 1920

M7 3186 1731S

alt. corr. +.04

Sc1	Sc2	cu.	magn.
1	4.1	4.73	8.83
2	4.3	4.72	9.02
3	5.2	4.5$\overset{6}{7}$	9.76
4	5.4	4.52	9.92
5	5.7	4.44	10.14
6	6.2	4.30	10.50
7	6.5	4.23	10.73
8	7.0	4.09	11.09
9	7.4	3.97	11.37
10	7.5	3.94	11.44
11	7.5	3.94	11.44
12	8.1	3.75	11.85
13	8.5	3.64	12.14
14	9.0	3.50	12.50
15	9.2	3.43	12.63
16	9.5	3.33	12.83
17	9.8	3.23	13.03

Sc V

M7 Series 11.4

June 19, 1920

Copied 38:202

M7 3187]	Sc1	Sc2]	Pole cu.	magn.	PC	cu.	magn.	Alt. corr. −.91
a	B		·	B	7.7	−1.26	6.44	
b	2.1 20		·	·	8.0	−1.30	6.70	
c	2.4 2.3		·	·	8.6 0 1 8.5 8.7	−1.36	7.24	
d	2.6 2.5		4.54e	7.14e	9.1	−1.41	7.69	
e	3.0 2.9		4.65	7.65	9.3	−1.43	7.87	
e′	3.6 3.5		4.73	8.33	7	·	7	
f		3.8	4.73	8.53				
g		3.9	4.73	8.63				
h		4.1	4.73	8.83				
k		5.0 0 1 4.9 5.1	4.60	9.60				
l		5.6 0 1 5.5 5.7	4.46	10.06				
l′	—		·	·				
m		6.1	4.33	10.43				
n		6.5	4.23	10.73				
n′		6.5	4.23	10.73				
o		6.7	4.16	10.86				
p		7.1	4.05	11.15				
q		7.5	3.94	11.44				
r		7.4 0 1 7.5 7.3	3.97	11.37				
s		7.8	3.84	11.64				
t		7.9	3.82	11.72				
u		8.0	3.79	11.79				
w		8.5	3.64	12.14				
x		8.8	3.55	12.35				
y		9.5	3.33	12.83				
z		9.8	3.24	13.04				

Plot 214

M7 Series 114

DaV

June 19, 1920

M7 3188 D6

	Sc1		Sc2	Diff	PC	Diff.
1	B			.	8.2	-1.44
2	B			.	$8.5\overset{8.40}{-\tfrac{1}{2}}8.3$	-1.52
3	$\overset{3.1}{3.0}$			4.41	9.1	-1.59
4	$\overset{3.0}{2.9}$			4.56	$9.5\overset{9.40}{\tfrac{1}{2}}9.3$	-1.84
5	$\overset{3.1}{3.0}$			4.67	9.5	-1.73
6	$\overset{3.6}{3.5}$			4.61	9.9	-1.69
9	$\overset{4.0}{3.9}$	4.00	4.0	4.59		
10			4.3	4.60		
12			4.9	4.44		
13			5.5	4.19		
14			5.9	4.16		
16			6.9	3.62		
17			7.2	3.58		
19			7.5	3.43		
21			7.9	3.36		
22			8.0	3.54		
23			8.3	3.53		
24			8.8	3.36		
25			9.0	3.33		
26			9.3	3.38		
27			9.8	3.32		

3.55

Plot 214

11h 00
Sav

B Series 569 (2nd half)
June 22, 1920

B 51185	Sc 1		Sc 2 D 9		Diff	PC	Diff
3	4.5 ~~4.4~~	4.45 0 ±	4.5	4.40 ± 4.3	2.59	8.5	-1.46
4			4.9	4.80 ± 4.7	3.02	9.1	-1.28
5			5.0		3.06	9.3	-1.24
6			5.4		3.07	7	.
7			5.9		3.14		
8			6.3	6.20 ± 6.1	3.33		
9			6.6		3.49		
12			7.1		3.47		
14			7.3		3.49		
15			7.6	7.55 ± 7.5	3.58		
16			8.0		3.60		
17			8.2		3.63		
18			8.7		3.71		
20			9.2		3.56		
21			9.5		3.56		
22			9.9		3.50		
8a			6.1		3.58		

Copied 45'.124

B Series 569

Dev - June 22, 1920

B 51187 Nova Sag. 3 alt. corr. +.07

	Sc 1	Sc 2	cu	magn	p.c.	8.2 0,1	cu.	magn.
a		3.8	3.10	6.90	8.3	8.1	-1.32	6.88
b		4.6	3.30	7.90	9.1		-1.39	7.71
c		5.0	3.37	8.37	7			7
d		5.2	3.42	8.62				
e		5.9 5.7 5.89 2	3.50	9.30				
f		5.9 6.1 6.00 1	3.53	9.53				
g		6.3	3.54	9.84				
h		6.7	3.57	10.27				
k		7.5	3.62	11.12				
l		7.9	3.60	11.50				
m		8.3	3.58	11.88				
n		8.7	3.54	12.24				
o		9.0	3.52	12.52				
p		9.5	3.41	12.91				
q		9.7	3.35	13.05				
r		7	.	7				
a'		4.3	3.24	7.54	Too near br. object			

Images poor - especially faint ones

Sc V

B Series 569
June 22, 1920

Copied Bk 34; 89

B 51189 1917 15

Alt. corr −.07

	Sc 1	Sc 2		cu	magn	pc	cu.	magn.
1		4.6		3.30	7.90	9.0	−137	7.63
			5.4 0₁ '					
2		5.3	5.5	3.44	8.84			
3		6.1		3.53	9.63			
4		6.5		3.56	10.06			
5		7.1		3.60	10.70			
6		7.5		3.60	11.10			
7		7.5		3.60	11.10			
8		7.7		3.60	11.30			
9		7.9		3.60	11.50			
10		8.1		3.60	11.70			
11		8.5		3.57	12.07			
12		8.8		3.53	12.33			
13		9.1		3.49	12.59			
14		9.8		3.33	13.13			
15		7		.	7			

Plot 214

B Series 569
June 22, 1920

ScV

B 51190 D10

	Sc1		Sc2	Diff.	pc	Diff-
1	3.4 3.3			3.44	8.0	-1.16
2	3.9 3.8	3.9$^{0}_{0\,0}$	3.9	3.51	8.9	-1.49
3			3.7	3.64	8.8	-1.46
4			4.0	3.84	9.1	-1.26
6			4.6	3.90	7	.
7			4.6	3.69		
8			5.3	3.80		
9			5.5	3.90		
10			5.8	3.89		
11			6.2	3.84		
12			6.7	3.79		
13			7.0	3.73		
15			7.5	3.67		
16			8.0	3.52		
17			8.4	3.50		
18	near ~~Def.~~ gr.			.		
19			9.6^{0}: 9.7 9.5	3.14		
20			9.8	3.07		
~~21~~						
~~22~~						

12:05

Plot 214

10 −10

ScY

B Series 594 (1st half)

June 23, 1920

B 51470 Bg

	Sc 1	Sc 2	Diff.	pc	Diff.
3	$3.5^{3.6}$		3.44	8.7	−1.66
4	$3.9^{4.0}$ 4.0°°	4.0	3.82	9.1	−1.28
5		4.3	3.76	9.5	−1.44
6		4.9	3.57	7	
7		5.5	3.54		
8		6.0	3.53		
9		6.5	3.59		
12		7.0	3.57		
14		7.3	3.49		
15		7.7	3.43		
16		8.1	3.50		
17		8.3	3.53		
18		8.9	3.51		
20		9.3	3.46		
21		9.7	3.36		
22		9.9	3.50		
8a		6.2	3.48^{8}		

DcV

B Series 594

June 23, 1920

Copied 45'.124

B 51473 Nova Sag. 3

Alt. corr. +.07

		Sc1	Mean	Sc2		Cu.	Mag.	pc	Cu.	mag.
	a	2.9						8.0	-1.35	6.65
	b	3.8				3.48	7.28			
	c			5.0		3.54	8.54			
	d			5.1		3.55	8.65			
	e		5.85	5.8	5.9	3.54	9.39			
	f			6.3		3.53	9.83			
	g			6.7		3.53	10.23			
	h			7.1		3.52	10.62			
	k		7.75	7.8	7.7	3.52	11.27			
	l			8.0		3.50	11.50			
	m			8.5		3.50	12.00			
	n			8.9		3.47	12.37			
	o			9.2		3.44	12.64			
* p'	p			9.7		3.37	13.07			
q'	q			9.9		3.33	13.23			
r'	r			n.s		.	.			
	a'			4.0		3.50	7.50 Close to br. st.			

* Not of the original sequence: changed to p'q'r'.
See note on B 51039. Original sequence on A 3807

B Series 594

Copied 38', 198

Dev

June 23, 1920

B 51474 S Pole

Alt. corr. −.92

	Sc 1	Sc 2	cu	magn	PC	cu.	magn.
a	3.2 3.1		3.45	6.65	7.3	.	.
b	3.4 3.3		3.46	6.86	8.1	−1.34	6.76
c		4.1	3.50	7.60	8.5	−1.30	7.20
d		4.3	3.52	7.82	9.0	−1.28	7.72
e		4.2	3.51	7.71	9.3	−1.29	8.01
e'		4.6	3.52	8.12			
f		4.9	3.54	8.44			
g		4.9	3.54	8.44			
h		5.7	3.54	8.74			
k		5.9	3.53	9.43			
l		6.2	3.52	~~8~~9.72			
m		6.5	3.52	10.02			
n		6.7	3.52	10.22			
o		6.9	3.52	10.42			
p		7.3	3.52	10.82			
q		7.5	3.51	11.01			
r		7.5	3.51	11.01			
s		7.9	3.51	11.41			
t		8.0	3.50	11.50			
u		8.2	3.50	11.70			
w		8.7	3.49	12.19			
x		9.1	3.44	12.54			
y		9.7	3.36	13.06			
z		9.9	3.33	13.23			
∧		7		7			

Copied Bk 27; 86 7/8

ScV

B Series 594
June 23, 1920

B 51475 D 10 alt. corr. +.08

	Sc 1 3.2	Sc 2	cu	magn		PC	cu.	magn.
1	3.1		3.45	6.65		8.5	-1.30	7.20
2	3.8 3.7 3.6	3.8° ° ° 3.8	3.49	7.29		Sup.	.	g
3	3.5		3.47	7.07		8.9	-1.28	7.62
4	+p		.	g		9.1 ?	-1.28	7.82?
5		3.9	3.49	7.39		9.0	-1.28	7.72
6		4.2	3.51	7.71		9.3	-1.29	8.01
7		4.6	3.53	8.13		9.7	-1.31	8.39
8		5.0	3.53	8.53		7	.	7
9		5.1	3.54	8.64		7	.	7
10		4.5	3.52	8.02		9.7	-1.31	8.39
11		4.9	3.54	8.44				
12		5.3	3.54	8.84				
13		5.5	3.54	9.04				
14		5.5	3.54	9.04				
15		6.7	3.52	10.22				
16		6.1	3.53	9.63				
17		6.3	3.53	9.83				
18		6.1	3.53	9.63				
19		6.3	3.53	9.83				
20		7.3	3.52	10.82			cu	magn
21		6.9	3.52	10.42	elong. 29	8.5	3.50	12.00
22		7.0	3.52	10.52	30	8.7	3.49	12.19
23		7.1	3.52	10.62	31	8.9	3.46	12.36
24		7.1	3.52	10.62	32	9.3	3.42	12.72
25		7.7	3.51	11.21	33	9.7	3.36	13.06
26		7.9	3.51	11.41	34	n.s	.	n.s.
27		7.9	3.51	11.41				
28		8.0	3.50	11.50				

PC's elongated, all images slightly elong.

Plot 21H

B Series 594

June 23, 1920

DcV

B 51476 D 10

	Ser 1	Ser 2	Diff	Purv Plate
1	3.4 3.3		3.44	8.0 -1.16
2	4.0 3.9	4.0°° 4.0	3.41	8.5 -1.09
3		3.9	3.44	8.5 -1.16
4		4.5	3.34	9.0 -1.16
6		5.0	3.50	7
7		4.9	3.39	
8		5.5	3.60	
9		5.9	3.50	
10		6.1	3.59	
11		6.5	3.54	
12		7.0	3.49	
13		7.3	3.43	
15		7.7	3.47	
16		8.0	3.52	
17		8.3	3.60	
18		8.9	3.45	
19		9.5	3.24	
20		9.8	3.07	
~~21~~				
~~22~~				
~~24~~				

12:00

10:40 Se V

B Series 599 Copied #5:124

June 24, 1920

B 51535 Nova Sag. 3 alt. corr. +.06

	Se 1	Se 2	Cu.	Mag.	Pg	Cu.	mag.
a	2.3		·	·	8.0	-1.16	6.84
a'		3.0	·	·	Sup.	·	·
b		3.2	3.18e	6.38^{e}	8.9	-1.22	7.68
c		4.0	3.40	7.40	9.7?	- ·	
d		4.2	3.46	7.66			
e	5.35	5.2 55	p 3.70	9.05			
f		6.3	3.84	10.14			
g		6.5	3.86	10.36			
h		6.9	3.90	10.80			
k	7.60	7.7 7.5	3.92	11.52			
k'		6.9	3.90	10.80			
l		8.0	3.90	11.90			
m		8.3	3.88	12,18			
n		8.7	3.84	12.54			
o		9.0	3.81	12.81			
* p' p		9.5	3.71	13.21			
q' q		9.7	3.67	13.37			
r' r		9.8	3.65	13.45			

* Not of the original sequence: changed to p'q'r'. See B 51039.

Images poor!

Plot 21 H

B Series 599

June 24, 1920

Dev

	B 51536		B 10				
	Sc 1	Sc 2	Diff	Diff	PC		Diff.
1	3.5 3.6		3.58	3.24	8.0	-0.82	-1.16
2		4.0	3.23	3.41	8.7	-1.47	-1.29
3		3.8	3.24	3.54	8.5 p	-1.46	-1.16
4		4.3	3.52	3.54	9.0	-1.18	-1.16
6		4.9	3.57	3.60	~~7~~		
7		4.7	4.34	3.59			
8		5.3	4.23	3.80			
9		4/p	.	.			
10		5.9	4.76	3.79			
11		6.3	4.20	3.74			
12		6.5	4.07	3.99			
13		6.9	3.82	3.83			
15		7.3	3.83	3.87			
16		7.5	4.10	4.02			
17		7.9	3.93	4.00			
18		8.5	3.91	3.85			
19		9.0	3.48	3.74			
20		9.3	3.46	3.57			
21		9.7	3.36	3.78			

Plate poor - badly streaked

11:20

Plot 215

11 — 12.40
DeV

B Series 598

June 25, 1920

B S1518 B9

	Sc1	Sc2	Diff.	PC$_{8.5\frac{0}{2}}$ 2	Diff.
3	B		.	8.3 8.7	−1.46
4		5.0	2.82	9.1	−1.28
5		5.3	2.76	9.7	−1.64
6		5.5 fr	2.97		
7		5.9	3.14		
8		6.3	3.23		
9		6.7	3.39		
12		7.1	3.47		
14		7.3	3.49		
15		7.7	3.43		
16		8.0	3.60		
17		8.3	3.53		
18		8.7	3.71		
20		9.2	3.56		
21		9.5	3.56		
22		7	.		

Cofued Bk 27; 71 69

Sev

B Series 598

June 25, 1920

B 51519

	Se 1	Se 2	Dg cu.	magn.	Pe	cu	magn.	alt. corr. +.07
1	4	4.8	.	.	9.1	-1.32	7.78	
2		4.9	.	.	9.1	-1.32	7.78	
3		5.0	.	.	9.3 $^{9.2\frac{0}{1}}$ 9.1	-1.33	7.87	
4		4.9	.	.	9.0	-1.31	7.69	
5		5.0	.	.	9.0	-1.31	7.69	
6		5.3	.	.				
7		5.5	.	.				
8		5.2 $^{5.2\frac{5}{8}}$ 5.3	.	.				
9		5.5	.	.				
10		6.0	.	.				
11		6.1	.	.				
12		6.3	3.33	9.63				
13		6.5	3.34	9.84				
14		6.8	3.37	10.17				
15		6.9	3.38	10.28				
16		6.9	3.38	10.28				
17		7.1	3.40	10.50				
18		7.3	3.41	10.71				
19		7.5	3.42	10.92				
20		7.8	3.43	11.23				
21		7.9	3.43	11.33				
22		7.8	3.43	11.23				
23		8.0	3.43	11.43				
24		8.1	3.43	11.53				
25		8.5	3.44	11.94				
26		8.7	3.46	12.16				
27		9.3	3.46	12.76				
25		9.1	3.46	12.56				
29		9.8	.	.				

Copied 38'.198

ScV

B Series 598
June 25, 1920

B 51520 So Pole

Alt. corr. -.92

	Sc1	Sc2	cu.	magn	sc	cu.	magn.
a	34 33		.	.	7,5	.	.
b	3.6 3,5		.	.	8,3	-1.33	6.97
c		4,3	.	.	8,7	-1.30	7.40
d		4,3	.	.	9.0	-1.31	7.69
e		4,1	.	.	9,1	-1.33	7.77
e'		4,7	.	.			
f		5,0	.	.			
g		5,0	.	.			
h		5,4	.	.			
k		5,7	.	.			
l		6,1	.	.			
l'		5,9	.	. .			
m		6,5	3.34	9.84			
n		6,9	3.38	10.28			
n'		6,9	3.38	10.28			
o		7,0	3.39	10.39			
p		7,5	3.42	10.92			
q		7,7	3.43	11.13			
r		7,7	3.43	11.13			
s		8,0	3.43	11.43			
t		8,0	3.43	11.43			
u		8,3	3.44	11.74			
w		8,9	3.46	12.36			
x		9,3	3.46	12.76			
y		7	.	7			

Sev

B Series 598

June 25, 1920

Copied 45; 12~~4~~2

B 51522 Nova Sag. 3

Alt. corr. +.07

	Sc1	Sc2	Cu.	mag.	PC		Cu.	mag.
a	3.0		.	.	8.1		-1.33	6.77
a'		4.1	.	.	9.1	? close to br st	-1.32	7.78
b		4.2	.	.	9.3		-1.34	7.96
c		5.1	.	.				
d		5.3	.	.				
e		6.1	.	.				
f		7.0	3.39	10.39				
g		7.3	3.40	10.70				
h		7.7	3.42	1~~2~~1.12				
k		8.3	3.45	11.75				
k'		7.5	3.41	10.91				
l		8.5	3.46	11.96				
m		8.7	3.47	12.17				
n		9.1	3.47	12.57				
o		9.5	3.47	12.97				
* p' ~~p~~		9.9	.	.				
q' ~~q~~		ns	.	.				
r' ~~r~~		ns	.	.				

* Not of the original sequence ∴ changed to p'; q'; r'. See B 51039

Plot 215

B Series 598

Dev

June 25, 1920

B 51523 b 10

	Sc1		Sc2	Diff	Diff	pe	Diff	Diff
1	B			.		8.0	-0.82	-1.16
2	3.1 3.0			4.13	4.31	8.7	-1.47	-1.29
3	3.0 2.9			4.04	4.34	8.5	-1.46	-1.16
4	3.6 3.5	3.65 0	3.7	4.17	4.19	9.0	-1.18	-1.16
6			4.1	4.37	4.40	scr.	.	.
7			4.0	5.04	4.29			
8			4.7	4.83	4.40			
9			5.3	4.79	4.10			
10			6.1	4.56	3.59			
11			6.7	3.80	3.34			
12			7.1	3.47	3.39			
13			7.5	3.22	3.23			
15			7.9	3.23	3.27			
16			8.1	3.50	3.42			
17			8.5	3.33	3.40			
18	Too many gr.			.	.			
19			9.5	2.98	3.24			
20			7	.	.			
~~21~~								

12:40

Plot 215

10-50
Dev

B Series 328

June 26, 1920

B48513 b 12

	Sc 1	Sc 2	Diff.	pc	Diff.
1	4.0 4.1 4.00	4.0 3.8 3.90	2.60	8.3	-1.70
2		4.2	2.79	8.8	-1.81
3		4.4	2.88	9.1	-1.82
4		4.7	2.86	9.3	-1.74
5		4p	.	9.7	-1.86
6		5.2	3.02		
8		4p	.		
9		6.0	3.01		
11		6.2	3.11		
12		6.5	3.11		
14		6.8	3.11		
16		7.3	3.08		
17		7.7	2.95		
18		8.3	3.00		
20		8.9	3.00		
21		9.3	2.93		
23		7	.		
3a		4.7	.		
17a		8.0	3.08		
17b		7.7	.		
17c		7.5	.		

Images poor - elongated

Copied BK35; 126

B Series 328

Dev

June 26, 1920

B48514 Barte v pg * 40.5 alt. corr. +.04

	Se1	Se2	cu.	magn.	pe	cu.	magn.
1	4.1 $^{4.2}$ $^{4.25}_{0}$	4.3	2.78	7.03	8.7	−1.76	6.94
2		5.5	3.03	8.53	9.9 ? +/-	−1.81	8.09 ?
3		5.8	3.10	8.90			
4		6.2	3.15	9.35			
5		6.8 7.0 $^{6.90}_{1}$	3.21	10.11			
6		7.3	3.20	10.50			
7		7.5	3.20	10.70			
8		7.8	3.18	10.98			
9		8.0	3.1~~6~~7	11.17			
10		8.1	3.16	11.26			
11		8.7	3.12	11.82			
12		9.1	3.06	12.16			
13		9.3	3.04	12.34			
14		9.5	3.02	12.52			
15		9.8	2.97	12.77			

Sc V

B Series 328 Copied BK 35, 174

June 26, 1920

B 48515 Bache u u − 64.5 alt. corr. −.12

	Sc 1	Sc 2	cu.	magn.	PC Ser.
1	4.5 4.6 4.65	4.7	2.85	7.50	
2		5.0	2.93	7.93	
3		5.8	3.10	8.90	
4		6.3	3.17	9.47	
5		6.8	3.20	10.00	
6		7.1	3.21	10.31	
7		7.7	3.18	10.88	
8		8.0	3.17	11.17	
9		8.2	3.16	11.36	
10		8.9	3.10	12.00	
11		9.8	2.97	12.77	
12		7			
13					
14					
15					

Plate poor - images poor. Ht stars not seen

Copied 44.8

ScV

B Series 328

June 26, 1920

B 48516 S Sagittarii 0 10 − 32.6 Alt. corr. +.06

	Sc1	Sc2	cu.	magn	PC	cu	magn.
a		4.3	2.79	7.09	8.3	−1.75	6.55
b		5.1	2.95	8.05	9.2	−1.77	7.43
c		5.3	2.99	8.29			
c'		5.3	2.99	8.29			
d		6.0	3.13	9.13			
e		6.1	3.14	9.24			
f		7.1	3.21	10.31			
f'		8.0	3.17	11.17			
g		8.1	3.16	11.26			
h		8.5	3.13	11.63			
h'		8.8^{0}_{1} 8.7 8.9	3.10	11.90			
k		9.0	3.08	12.08			
k'		9.1	3.06	12.16			
l		9.4^{0}_{1} 9.3 9.5	3.03	12.43			
m		9.7	2.99	12.69			
n		9.7^{5}_{1} 9.7 9.8	2.99	12.74			
o		7	,	7			
p		n.s	,	ns			
q		n.s	.	ns			

Sc V

B Series 328

June 26, 1920

Copied Bk 44; 20 & 26

B 48517 Small Slide 0 28 -72.8 Alt. corr. -.26

		Sc1	Sc2	cu	magn	PC	cu	magn.
Seq I	a		4.3	2.84	7.14	8.9	-1.76	7.14
	b		+p	.	g	9.1	-1.77	7.3~~4~~3
	c		5.0	2.93	7.93	9.8	-1.80	8.00
	d		4.8	2.90	7.70			
	e		5.3	2.99	8.29			
	f		5.3? p	2.99	8.29? g			
	h		7.0	3.22	10.22			
	k		7.1	3.21	10.31			
	l		7.7	3.18	10.88			
	m		8.0	3.17	11.17			
	n		8.3	3.14	11.44			
	o		8.7	3.11	11.81			
	p		9.3	3.04	12.34			
	r		7	.	7			
	g'		6.3	3.17	9.47			
Seq II Reject Common to all	a							
	b							
Images poor. Elong. and hazy	c							
	d							
	e							
	g²		~~6.3 6.5~~					
	h²		~~7.2~~					
	k²		~~7.0~~					
	l		~~7.5~~					
	m		~~7.8~~					
	n		~~8.3~~					
	o		~~8.5~~					
	p		~~9.1 9.3~~					
	q		~~7~~					
	r		~~7~~					

Sc V

B Series 328

June 26, 1920

Copied Bk 44; 30, 26

B 48518 Small Cld 0 36 - 74.4

alt. corr. -.29

Seg II

	Sc'	Sc2	cu.	magn	P C 8.60	cu.	magn
a	3.6 3.5		.	.	8.5 8.7	-1.76	6.84
b	4.3 4.4 4.45, 0	4.5 5	2.82	7.27	9.0	-1.77	7.23
c	w.u.?	4.3	2.79	~~7.09~~ 8.29	9.5	-1.80	7.70
d		5.5	3.03	8.53			
e		6.0	3.13	9.13			
f		6.1	3.14	9.24			
g^2		6.9	3.21	10.11			
h^2		7.5 7.3 7.4?:	3.20	10.60			
k^2		7.5	3.20	10.70			
l		7.9	3.17	11.07			
m		8.3	3.14	11.44			
n		8.5	3.13	11.63			
o		8.7	3.11	11.81			
p		9.3	3.04	12.34			
q		9.7	2.99	12.69			
r		9.8	2.97	12.77			

Stat c. assum wrong unit. Change to 5.3

Plot 215

B Series 328

Del

June 26, 1920

B ~~48079~~ 519 D1

	Sc 1		Sc 2	Diff.	pc		Diff.
1	4.1 4.2	4.25 4.20	4.3	2.93	9.0	8.95 8.90 8.9	−1.77
2			tp	.	9.3	9.20 9.1	−1.81
3			47	2.80	9.3		−1.80
4			tp	.	9.7		−1.74
5			5.4	2.93			
9			6.0	3.28			
11			6.3	3.39			
12			6.7	3.32			
14			7.2	3.42			
15			7.7	3.34			
16			8.0	3.20			
17			8.2	3.30			
18			8.7	3.24			
19			9.0	3.21			
20			9.5	3.12			
21			9.8	3.09			
24			n.s	.			

Poor series. plates streaked. images poor

1.20

Plot 215

11h.15
DeV

B Series 328, (Pt 2)
June 28, 1920

B 48519 bl

Sc 1	Sc 2	Diff.	Pc	Diff.
1	4.5	2.68	9.0	-1.82
2	+p	.	9.3	-1.91
3	4.8	2.70	9.3	-1.80
4	+p	.	9.9	-1.94
5	5.3	3.03		
9	6.1	3.18		
11	6.3	3.39		
12	6.7	3.32		
14	7.3	3.32		
15	7.7	3.34		
16	8.0	3.20		
17	8.3	3.20		
18	8.9	3.04		
19	9.2	3.01		
20	9.7	2.92		
21	7	.		
~~24~~				

Sc V

B Series 328

June 28, 1920

Copied Bk 27: 107

B 48520 E 1 ✓ ✓

	Sc1	Sc2		cu	magn	PC	cu	magn.
							Att. corr.	+.02
1		4.3	$\overset{4.25\,1\,0}{4.2}$	2.63	6.88	8.9	−1.86	7.04
2		t/p		.	q	9.1	−1.87	7.23
3		4.5		$2.7\overset{3}{2}$	$7.2\overset{3}{2}$	9.3	−1.89	7.41
4		4.3		2.66	6.96	9.3	−1.89	7.41
5		t/p		.	q	9.8	−1.93	7.87
6		4.9		2.90	7.80			
7		4.1		2.58	6.68			
8		5.0		2.93	7.93			
9		t/p		.	q			
10		4.7		2.82	7.52			
11		5.2		3.00	8.20			
12		3.3		3.03	8.33			
13		5.7		3.15	8.85			
14		6.5		3.30	9.80			
15		6.7		3.32	10.02			
16		7.0		3.33	10.33			
17	w.s	7.3 ~~7.9~~	~~7.7~~	3.32	10.62			
18	w.s	8.0 ~~8.8~~	7.9°, : 7.8	3.25	11.15			
19		8.7		3.10	11.80			
20		8.5		3.13	11.63			
21		8.8		3.08	11.88			
22		9.1		3.01	12.11			
23		9.3		2.96	12.26			
24								

Plate streaked - images poor - elongated

Copied Bk 44; 32, 26

B Series 328

De V

June 28, 1920

B 48521 Small Mag. Cld alt. corr. -29

Seq III	Sc 1 3.6	Sc 2		cu	magn	Pc	cu	magn
a	3.5 p			.	.	8.9	-1.86 ~~2.03~~	7.04
b		4.6		2.77	7.37	9.0	-1.87 ~~2.03~~	7.13
c		+p		.	8	9.7	-1.93 ~~2.84~~	7.77
d		5.3		3.03	8.33			
e		5.7		3.14	8.84			
f		5.9		3.21	9.11			
g³		6.7	6.60 1 1 6.5	3.31	9.91			
h³		6.9	6.80 1 1 6.7	3.32	10.12			
k³		6.9		3.33	10.23			
l		7.3		3.32	10.62			
m		7.7		3.27	10.99			
n		7.9		3.24	11.14			
o		8.3		3.18	11.48			
p		8.8		3.08	11.88			
q		9.1		3.00	12.10			
r		9.5		2.91	12.41			
s		9.7		2.84	12.54			

Images all poor - those for 14 Ks + Seq IV too poor to measure - all images look double -

B Series 328

Sc V

June 28, 1920

Copied 44.50

B 48572 U Sculptoris 1 07 - 30.6 Alt. corr. +.06

	Sc 1		Sc 2		cu.	magn.		cu	magn.
a	3.9	4.0 3.95 0 1	3.9		2.52e	6.47e	8.5	·	·
B			5.3		3.04	8.34	9.5 –	2.90	6.60
C			5.5		3.10	8.60			
a			6.9		3.33	10.23			
b			7.3		3.32	10.62			
b'			7.1		3.33	10.43			
c			6.7	6.6 0 1 6.5	3.31	9.91			
d			6.5		3.30	9.80			
e			7.5		3.30	10.80			
f'			8.0		3.23	11.23			
f^x			7.7		3.27	10.97			
g			8.2		3.20	11.40			
h			8.7		3.10	11.80			
k			8.9		3.05	11.95			
l			9.1		3.00	12.10			
m			9.5		2.91	12.41			
n			9.7		2.85	12.55			
o			9.8		2.83	12.63			
p			7–			7			

Copied 44:52

DeV

B Series 328

June 28, 1920

B 48523 R Sculptoris Alt. corr. +.06

		Se 1		Se 2		cu	magn	pc	cu	magn.
	a	3.5 3.6	3.65 0.1	3.7		.	.	8.3	.	.
	b			tp		.	q	9.0	-1.87	7.13
c′ =	c			4.3	p	2.66	q 6.66 q			
a² =	d			5.3		3.04	8.34			
g′ =	e			5.7		3.15	8.85			
	f			6.2		3.26	9.46			
	g			7.1		3.33	10.43			
	h			7.5		3.29	10.79			
	k			7.9		3.25	11.15			
	l			8.5		3.13	11.63			
	m			9.2		2.98	12.18			
	n			9.7	9.60.1 9.5	2.88	12.48			
	o			9.9		2.80	12.70			
d² =	p			n.s.		.	n.s.			
e² =	q			n.s. ~~9.8~~		.	n.s.			

Plot 215

B Series 328

June 28, 1920

SeV

B 48524 D 1

	Sc1	Sc2	Diff	pe	Diff.
1		4.3	2.88	9.0	-1.82
2		+p	·	9.3	-1.91
3		4.7	2.80	9.5	-2.00
4		+p	·	9.8	-1.84
5		5.2	3.13		
9		6.0	3.28		
11		6.3	3.39		
12		6.7	3.32		
14		7.3	3.32		
15		7.7 8.1 0 11	3.34		
16		8.2 8.0	3.10		
17		8.3	3.20		
18		8.9	3.04		
19		9.2	3.01		
20		9.8	2.82		
21		7			
~~24~~					

1.05

Very poor series of plates!

10:40

DeV

B Series 642

June 30, 1920

Copied Bk 35; 174

B 5~~1~~ ^{2} 029 Dante 0 01 - 64.5 alt. corr. - 16

	Sc1	Sc2	cu.	magn.	Pc
1		4.9	3.20	8.90	n.s
2		5.3	3.25	8.55	
3		6.0	3.33	9.33	
4		6.3	3.36	9.66	
5		7.0	3.40	10.40	
6		7.5	3.42	10.92	
7		7.7	3.42	11.12	
8		8.1	3.42	11.52	
9		8.5	3.41	11.91	
10		8.9	3.36	12.26	
11		9.5	3.29	12.79	
12		9.7	3.24	12.94	
13		7	·	7	
14		n.s	·		
~~15~~		~~n.s~~			

Sel

B Series 642
June 30, 1920

Copied 44.10

B 52030 S [illegible] 0 19-62.5 alt. corr. -.10

		cu	magn
a	6.0	3.34	9.34
b	6.5	3.37	9.87
c	6.9	3.40	10.30
d	7.3	3.41	10.71
e	7.5	3.43	10.93
f	8.0	3.43	11.43
g	8.9	3.37	12.27
h	9.3	3.42	12.72
k	9.5 9.60 ± 1 9.7	3.27	12.87
l	7	.	7
m	n.s	.	n.s.
n	n.s	.	n.s

Plate badly streaked - covers some ft stars?

Copied Bk HH; 30, $^{74}_{28}$

B Series 642

June 30, 1920

Del

B 52031 Small Cld. pc 0 36 − 74.5

Alt. corr. −.29

		Se1	Se2	cu	magn	pc	cu	magn.
Seg II	a	4.0 4.1 4.0$^{5}_{1}$0	4.0	3.02	7.07	8.7	−1.52	7.18
	b		4.4	3.10	7.50	8.9	−1.54	7.36
	c		5.1	3.22	8.32	9.7	−1.65	8.05
	d		5.4	3.26	8.66			
	e		5.9	3.33	9.23			
	f		5.7	3.31	9.01			
	g		6.9	3.40	10.30			
	h		7.3	3.41	10.71			
	k		7.5	3.42	10.92			
	l		7.8	3.43	11.23			
	m		8.2	3.42	11.62			
	n		8.5	3.40	11.90			
	o		8.9	3.36	12.26			
	p		9.3	3.32	12.62			
	q		9.7	3.25	12.95			
	r		9.9	3.21	13.11			
	s		ns	.	nS			

Sc V

B Series 642
June 30, 1920

Copied Bk 27; 5 7

B 52032 D1

Alt. corr. +.08

	Sc 1	Sc 2	cu	magn	Pc	cu	magn.
1	3.9 3.8 p		3.00	6.90	9.0	3-1.56	7.46
2		4.2	3.05	7.25	9.5	-1.62	7.88
3		4.5	3.13	7.63	Str.	.	9
4		4.8	3.17	7.97	9.8	-1.66	8.14
5		4.9	3.20	8.10			
6		5.2	3.23	8.43			
7		4.8	3.17	7.97	Str_		
8		5.3	3.25	8.55			
9		5.5	3.27	8.77			
10		5.45₀' 5.4 5.5	3.26	8.71			
11		5.9	3.33	9.23			
12		6.2	3.35	9.55			
13		6.3	3.36	9.66			
14		6.5	3.37	9.87			
15		6.9	3.40	10.30			
16		7.0	3.40	10.40			
17		7.5	3.42	10.92			
18		7.5	3.42	10.92			
19		7.7 –	3.43	11.13			
20		7.9	3.43	11.33			
21		8.1	3.43	11.53			
22		w.s 8.9 (3)	3.42	11.72			
23		8.6⁰₁' 8.5 8.7	3.40	12.00			
24		8.7	3.49	12.19			
25		8.9	3.36	12.26			
26		9.3	3.32	12.62			
27		9.5	3.29	12.79			
28		9.9 ft.	3.21	13.11 ?			

Images elongated -

Plot 215

B Series 642
June 30, 1920

Dev

B 52033 b1

	Sc1		Sc2	Diff	pc	Diff.
1	4.0	4.1 4.10	4.1	3.08	8.9	-1.72
2			+p	.	9.1	-1.71
3			4.3	3.20	9.2	-1.70
4			+p	.	Scr.	.
5			5.0	3.33		
9			6.0	3.28		
11			6.3	3.39		
12			6.5	3.52		
14			7.0	3.62		
15			7.5	3.54		
16			7.8	3.40		
17			8.1	3.40		
18			8.6	3.34		
19			9.0	3.21		
20			9.7	2.92		
21			9.9?	2.99?		
24			n.s	.		

Plate scratched – images long.

~~17, 20~~

Sc V

B Series 642
June 30, 1920

Copied Bk 34, 80

B 52034 188 K p! 23 − 59.8 Alt. corr. −.08

	Sc 1	Sc 2		cu.	magn.	Pc 8.69	cu.	magn.
1		4.1		3.04	7.14	8.5 − 8.7	−1.51	7.09
2		4.8		3.18	7.98	9.7	−1.52	8.18
3		5.7		3.30	9.00			
4		6.1		3.35	9.45			
5		6.4		3.37	9.77			
6		7.1		3.40	10.50			
7		7.5	7.40, 1 7.3	3.42	10.82			
8		7.5		3.43	10.93			
9		7.5		3.43	10.93			
10		7.8		3.43	11.23			
11		8.0		3.43	11.43			
12		8.3		3.42	11.72			
13		8.8		3.38	12.18			
14		9.5		3.29	12.79			
15		9.8		3.23	13.03			

Sett

B Series 642

June 30, 1920

Copied Bk. 34, 135

B 52036   165 K   1   35 - 45.0   Alt. corr. +.02

	Sc 1	Sc 2	cu.	magn.	Pc
1		4.4	3.11	7.51	
2		5.0	3.20	8.20	
3		6.1	3.35	9.45	
4		6.3	3.36	9.66	
5		6.7	3.39	10.09	
6		7.0	3.40	10.40	
7		7.7	3.43	11.13	
8		7.9	3.43	11.33	
9		7.7	3.43	11.13	
10		8.1	3.43	11.53	
11		8.5 8.7 8.60	3.40	12.00	
12		9.1	3.34	12.44	
13		Scr.	.	g	
14		9.7	3.24	12.94	
15		9.8	3.23	13.03	
16		n.s.	:	n.s.	
17		n.s.	.	n.s.	

Images very poor - elongated + hazy on one end.

DeV

B Series 642 Copied Bk 34;34.

June 30, 1920

B 52037 142 K pc 2 4 - 29.7 alt. corr. +.08

	Sc 1	Sc 2	cu	magn
1		5.0	3.20	8.20
2		5.3	3.25	8.55
3		5.7	3.30	9.00
4		6.2	3.35	9.55
5		6.5	3.37	9.87
6		6.9	3.40	10.30
7		7.3	3.41	10.71
8		7.5	3.42	10.92
9		8.0	3.43	11.43
10		8.2	3.42	11.62
11		8.5	3.40	11.90
12		9.2	3.33	12.53
13		9.5	3.29	12.79
14		9.8	3.23	13.03
15		n.s	.	n.s

Plot 215

Dev

B Series 642
June 30, 1920

	B 52038		B2.		
	Sc1	Sc2	Diff	PC	Diff.
1		3.9	3.04	8.1	-1.16
2		4.2	3.04	8.5	-1.26
3		4.6	3.04	9.0	-1.36
4		5.0	3.20	9.7	-1.50
6		5.5	3.17		
7		5.8	3.26		
10		6.1	3.25		
11		6.3	3.44		
12		6.7	3.26		
14		7.5	3.29		
16		7.8	3.38		
17		7.8	3.63		
19		8.2 8.3 8.25 0.1	3.58		
21		8.8	3.54		
22		9.0	3.50		
23		9.3	3.49		
25		9.7	3.40		

Very poor series of plates

12 40

11 — vv
Sc V

B Series 646

July 6, 1920

Copied Bk 27; 5 7

B S 2072 — D1

alt. corr. +.08

	Sc 1	Sc 2	cu	magn.	pe	cu	magn
1	tp		.	q	9.1	-1.42	7.68
2		4.3	3.30	7.60	9.3	-1.45	7.85
3		4.3	3.30	7.60	9.5 9.60, 9.7	-1.47	8.13
4		4.7	3.31	8.01	9.8	-1.50	8.30
5		4.3	3.30	7.60	9.5	-1.46	8.04
6		5.1	3.34	8.44			
7		tp	.	q			
8		5.1	3.34	8.44			
9		5.3	3.36	8.66			
10		5.5	3.37	8.87			
11		5.8	3.40	9.20			
12		6.0	3.42	9.42			
13		6.2	3.44	9.64			
14		6.5	3.46	9.96			
15		6.7	3.49	10.19			
16		6.9	3.50	10.40			
17		7.3	3.54	10.84			
18		7.5	3.56	11.06			
19		7.7	3.58	11.28			
20		8.0	3.60	11.60			
21		8.1	3.60	11.70			
22		8.3	3.60	11.90			
23		8.5	3.60	12.10			
24		8.5	3.60	12.10			
25		8.7	3.59	12.29			
26		9.0	3.56	12.56			
27		9.3	3.54	12.84			
28		9.5	3.53	13.03	Images poor - elongated -		
29		9.8	3.50	13.30			

DeV

B Series 646
July 6, 1920

Copied Bk 35:102

B52073 Darte V1 0 – 31.5 Alt. corr. +.06

			cu	magn
1	5.0		3.33	8.33
2	5.3		3.36	8.66
3	6.2		3.44	9.64
4	6.9		3.50	10.40
5	7.5		3.56	11.06
6	7.8		3.60	11.40
7	8.0		3.60	11.60
8	8.1		3.60	11.70
9	8.5		3.60	12.10
10	9.0		3.56	12.56
11	9.1	ser.	3.56	12.66 g
12	9.5		3.53	13.03
13	9.7	ser.	3.51	13.21 g
14	Ser.			g

Copied Bk 44:32, 27

B Series 646

ScV

July 6, 1920

B 52074 Sm. Mag. Cld

Alt. corr. -.29

		Sc 1	Sc 2		cu	magn	Pc	cu.	magn.
Sag III	a		4.0		3.26	7.26	8.5	-1.36	7.14
	b		4.1		3.26	7.36	8.5	-1.36	7.14
	c		4.8		3.33	8.13	9.1	-1.43	7.67
	d		5.1		3.34	8.44			
	e		5.5		3.37	8.87			
	f		5.9		3.41	9.31			
	g		6.3		3.45	9.75			
	h		6.5		3.46	9.96			
	k		6.7		3.49	10.19			
	l		7.1		3.52	10.62			
	m		7.5	7.60 1	3.56	11.06			
	n		7.5	7.7	3.57	11.17			
	o		8.1		3.60	11.70			
	p		8.5	8.60 1	3.60	12.10			
	q		8.7	8.5	3.59	12.19			
	r		8.7	9.10 1	3.59	12.29			
	s		9.2	9.0	3.56	12.66			
	t		9.5		3.53	13.03			
	u		9.8?		3.50	13.30?			

B Series 646

DcV July 6, 1920 Copied Bk 34: 33

B 52075 141 K 1 0 — 29.7 Alt. corr. +.06

	Sc1	Sc2		cu	magn	PC
1		4.9		3.33	8.23	n.s
2		5.2		3.34	8.54	
3		5.5		3.37	8.87	
4		5.7	5.60 ± 5.5	3.38	8.98	
5		6.5		3.46	9.96	
6		7.0		3.50	10.50	
7		7.2		3.53	10.73	
8		7.5		3.56	11.06	
9		7.7		3.59	11.29	
10		7.9		3.60	11.50	
11		8.1		3.60	11.70	
12		8.3		3.60	11.90	
13		8.7		3.69	12.39	
14		9.2		3.56	12.76	
15		Str.			g	

Plate badly streaked - images elongated.

Plot 216

ScV

B Series 646
July 6, 1920

B 52076 Di

Sc1	Sc2	Diff	PC	Diff
1	3.8	3.38	8.7	-1.52
2	tp	.	8.9	-1.51
3	4.1	3.40	8.9	-1.40
4	tp	.	9.5	-1.54
5	5.0	3.33	9.8	-1.47
9	6.0	3.28		
11	6.3	3.39		
12	6.5	3.52		
14	6.9	3.72		
15	7.3	3.74		
16	7.5	3.70		
17	7.8	3.70		
18	8.1	3.84		
19	8.3	3.91		
20	8.9	3.72		
21	9.3	3.59		
24	9.9 H	3.68		

B Series 646
July 6, 1920

Copied Bk. 34; 80

ScV

	B 52077		188 K		pc 23 – 59.8			Alt. corr. −.08
	Sc1	Sc2	cu	magn	pc	cu,	magn.	
1	Too near br star		cu.	.	8.9	−1.40	7.50	
2		4.9	3.33	8.23	stu.		8	
3		6.0	3.42	9.42				
4		6.3	3.45	9.75				
5		6.7 6.5 6.60.1	3.47	10.07				
6		7.2	3.53	10.73				
7		7.5	3.56	11.06				
8		7.5	3.56	11.06				
9		7.7	3.58	11.28				
10		7.9	3.60	11.5.0				
11		8.1	3.60	11.70				
12		8.5	3.60	12.10				
13		8.9	3.56	12.46				
14		9.5	3.53	13.03				
15		7	.	7				

ScV

B Series 646

July 6, 1920

Copied BK 34; 135

B 52078 165K pc 35-45 alt. corr. +.01

Sc1	Sc7	cu.	magn.	pe	cu	magn
1	4.5	3.30	7.80	n.s	.	n.s
2	5.1	3.34	8.44			
3	6.0	3.42	9.42			
4	6.3	3.45	9.75			
5	6.7	3.49	10.19			
6	7.0	3.50	10.50			
7	7.5	3.56	11.06			
8	7.9	3.60	11.50			
9	7.9	3.60	11.50			
10	8.2	3.60	11.80			
11	8.5	3.60	12.10			
12	9.0	3.56	12.56			
13	9.5	3.53	13.03			
14	9.7	3.51	13.21			
15	9.9	3.49	13.39			
16						
17						

Plot 216

B Series 646
July 6, 1920

Dc V

B 52082 D2

	Sc 1	Sc 2	Diff.	PC	Diff.
1		3.8	3.14	8.1	-1.16
2		4.0	3.24	8.3 8.5 8.4?!	-1.16
3		4.4	3.24	8.9	-1.26
4		4.9	3.30	9.7	-1.50
6		5.3	3.37		
7		5.6	3.46		
10		6.0	3.35		
11		6.3	3.44		
12		6.5	3.46		
14		*7.3			
16		7.7	3.48		
17		8.0	3.43		
19		8.5	3.33		
21		8.8	3.54		
22		9.0	3.50		
23		9.5	3.29		
25		9.8	3.30		

* Reject. Impossible to decipher.

1:10

12-30
ScV

MC Series 987
July 14, 1920

MC 16816 Bart. 18 0 - 235 alt. corr. -.44

	Sc 1		Sc 2		Diff.
1	B				10.
2	2.1	2.2			5.$\overset{8}{\cancel{9}}$8
3	2.3	2.4			6.$\overset{1}{\cancel{2}}$0
4	2.5	2.6			6.$\overset{1}{\cancel{2}}$9
5	3.0	3.1			5.98 ~~6.08~~
6	3.1	3.2			5.$\overset{8}{\cancel{9}}$8
7	3.3	3.4			6.$\overset{0}{\cancel{1}}$1
8	3.5	3.6			5.95 ~~6.05~~
9	4.1	4.2 4.2000	4.2		5.78
10			4.5		5.52
11			5.5	5.40½ 5.3	5.24
12			5.5		5.54
13			5.8	5.75 0½ 5.7	5.31
14			5.9		5.10
15			6.1		5.23
16			6.7		4.95
17			7.7		4.53
18			7.9		4.42
19			8.7		4.12
20			8.8		4.56
21			9.2		
22			9.5	9.7	

MC Series 987
July 14, 1920

Se V

MC 16817 134 K 18 16 - 15.0 Alt. corr. -.18

	Se1	Se2	Diff.
1	2.0 2.1		5.61
2	2.5 2.6		5.97
3	3.1 3.2		5.95
4	3.5 3.6		5.86
5	4.0 4.1 4.10 00	4.1	5.58
6		4.5 4.7 4.60 ±.1	5.66
7		4.9	5.41
8		5.9	4.91
9		6.0	4.67
10		6.3	4.93
11		7.1	4.59
12		7.3	4.54
13		7.8 8.0 7.90 ±.1	4.41
14		8.5	4.48
15		8.5	4.30
16		9.1 9.3 9.20 ±.1	4.56
17		9.7	4.10

S.V

MC Series

July 14, 1920

Alt. corr. –.27

MC 16818 NGC 6603 18 10 – 18.7

Pole Carte 134K D10

	Sc 1	Sc 2
1	B	
2	2.0 $^{2.1}$	
3	2.9 $^{3.0}$	
4	3.3 $^{3.4}$	
5	4.2 $^{4.3}$ 4.35 $^{1.0}$	4.4
6		5.3
7		5.5
8		6.3
9		6.5
10		7.2
11		8.5
12		8.5
13		9.1
14		9.8
15		9.8?

Poor Plate – ft. images poor –

MC Series
July 14, 1920

ScV

	MC 16819		M 22	Alt. corr.	-.52
	Sc 1	Sc 2			
A		4.5			
B		5.9			
C		6.0			
D		6.9			
E		7.7			
F		8.9			
G		9.1 9.60±1			
H		9.5 9.7			
a		7			

Poor Plate - faint comparison stars not seen - M22 on edge of plate -

MC Series
July 14, 1920

Sc V

	MC 16821		M 75	18 25 − 19	Alt. corr. −30
	Sc 1	Sc 2			
1	2.3 2.4				
2	3.4 3.5				
3	3.7 4.0	4.00 00 4.0			
4		4.5			
5		5.1			
6		5.8	5.75 01 5.7		
7		5.9			
8		6.9			
9		7.0			
10		7.2	7.35 2' 7.5		
11		7.8			
12		7.9			
13		8.1			
14		8.5			
15		8.7			
16		9.1			
17		9.1			
18		9.5			
19		9.8			
20		7			

MC Series 987

Sc V

July 14, 1920

MC 16822 M 22 18 30 – 24 Alt. corr. –.49

	Sc 1	Sc 2	apply alt corr.	Pole –49	Carte –05	134 K –31	D 10 –38	Mean –.29 71		Mean corr for alt.
A	2,7 2.8			9.20	8.87	8.72	8.54	8.~~90~~ 83	30 03 18 36 37 04 11 29	8.54
B	3,9 4.0 4.00 00	4,0		10.30	9.80	9.73	9.79	9.90	40 10 17 11	9.62
C		4,0		10.30	9.80	9.73	9.79	9.90	40 10 17 11	9.62
D		5,0		11.06	10.50	10.35	10.48	10.~~57~~ 60	~~46~~ 41 10 25 12	10.31
E		5,1		11.10	10.57	10.40	10.54	10.65	45 08 25 11	10.36
F		5,9		11.58	11.13	10.91	11.10	11.18	40 05 27 08	10.89
G		6,1		11.70	11.25	11.04	11.25	11.31	39 06 27 06	11.02
a		6,7		12.10	11.61	11.43	11.70	11.71	39 10 28 01	11.42
b		6,5		11.98	11.50	11.30	11.56	11.58	40 08 28 02	11.30
c		7,7		12.70	12.23	12.17	12.38	12.~~40~~ 37	~~30 17 13 02~~ 33 14 20 01	12.08
d		8,5	8.60 ±1 8,7	13.25	12.82	12.93	13.00	13.00	25 18 07 00	12.71
e		9,0		13.49	13.12	13.30	13.29	13.30	19 18 00 01	13.01
f		9,5		13.76		13.76	13.67	13.73 –.37	03 · 03 06	13.36
g		7								

Near edge of M 28 –

W.

A	3,3 3.4	
B	4,3 4.4 4.45 01	4,5
C		4,4
D		5,2
E		6,0
F		7,1
G		7,3
H		7,7
a		8,9
b		9,3
c		9,7

MC Series 987

Sc V July 14, 1920

MC 16823 Borti 19 0 - 16.5 Wt - meas. See corr

MC 16824 D 10 Alt. corr. -.19 Copied 8:138

	sc 1	sc 2	Diff.	curve (16825)	magn.
1	B				
2	B		.	.	.
3	2.0 2.1		5.46	.	.
4	2.1 2.2		5.38	.	.
5	2.3 2.4		5.41	.	.
6	2.5 2.6		5.28	6.40	9.00
7	2.3 2.4		5.73	.	.
8	2.5 2.6		5.71	6.40	9.00
9	2.9 3.0		5.57	6.39	9.39
10	2.5 2.6	2.7 28 2.70!!	5.45	6.40	9.10
11	2.9 3.0		5.81	6.39	9.39
12	2.9 3.0		5.80	6.39	9.39
13	2.8 2.9		6.01	6.40	9.30
14	3.2 3.3		5.91	6.38	9.68
15		5.1	5.32	6.00	11.10
16		3.7	5.91	6.34	9.61
17		4.7	5.57	6.15	10.85
18		4.1	5.64	6.29	10.39
19		4.8	5.70	6.10	10.90
20		5.9	5.05	5.68	11.58
21		5.1	5.38	6.00	11.10
22		5.4	5.39	5.88	11.28
23		5.8	4.87	5.70	11.50
24		5.7	5.19	5.75	11.45
25		7.0	4.68	5.29	12.29
26		6.1	5.12	5.60	11.70

MC Series 987

SeV

July 14, 1920

Alt. corr. =19

MC 16824 cont-		6.20 1±	Diff.	Curve (16825)	magn.
27		6.3 6.1	5.04	5.58	11.78
28		6.5	5.16	5.48	11.98
29	W.S	6.9 ~~6.5~~	5.04	5.33	12.23
30		7.2	4.96	5.21	12.41
31		7.5	4.86	5.09	12.59
32		8.0	4.60	4.89	12.89
33		8.5	4.44	4.68	13.18
34		8.9	4.18	4.53	13.43
35		9.2	4.16	4.40	13.60
36		9.5	4.13	4.26	13.76
37		9.8	4.46	4.11	13.91

MC Series 987

Dev

July 14, 1920

MC 16825 Pole

	Sc 1	Sc 2	Diff.
10	2.5 2.6		6.42
11	3.1 3.2		6.35
12	3.5 3.6		6.26
13	3.8 3.9 3.90	3.9	6.40
14		4.40±1 4.3 4.5	6.25
15		5.1	5.98
16		5.5	5.90
17		6.1	5.53
18		6.8	5.26
19		7.3	5.12
20		7.7	5.03
21		8.0	4.96
22		8.4	4.79
23		9.00±1 8.9 9.1 fr	4.34
24		9.3	4.34
25		9.7?	4.17

2!35

11:15
Sc V

M7 Series 7/7a (2nd half) Plot 220

August 30, 1920

M7 2739 b1

	Sc1	Sc2	Diff.		g		h	Diff.
1	B		.		5,1	5.05 1 0	5,0	2.13
2	B		.		5,2		5,3	2.09
3	B		.		5,5		5,5	2.00
4	B		.	w.s.	6.1 ~~5.9~~		+p ~~6,0~~	1.86
5	B		.		7.0		+p	1.33
9	3.6 3,5		5.68		8.5	8.40 1 1	8,3	0.88
11		3,8	5.89		9,0	9.00 0 0	9,0	0.69
12		4,2	5.82		9,5	9.60 1 1	9,7	0.42
14		3,2	5.42		7			.
15		5,7	5.34					
16		6,1	5.10					
17		6,7 6,5 6.60 1 1	4.90					
18		7,5	4.44					
19		7,7	4.51					
20		8,3	4.32					
21		8,7	4.19					
24		9,8	3.78					

M7 Series 7 78

Copied Bla 27 7 ~~3~~

Sc V

August 30, 1920

alt. corr. +.07

M7 2740 D1

	Sc 1	Sc 2	cu	magn	g		h	ge	cu	magn.
1	B		•	B	tp		5.9	0.96	1.70	~~4.20~~ 7.60
2	B ~~3.3~~		•	B	6.3	6.20	6.1 6.80	0.97	1.60	~~4.6~~ 7.80
3	B		•	B	tp		6.9 6.8 6.7	0.96	1.39	8.19
4	B		•	B	6.5	6.50	6.5	0.97	1.48	7.98
5	B		•	B	7.0	7.00	7.0	0.95	1.32	8.32
6	3.1 3.2 3.3 3.4 3.30		5.53	8.83	7.7 7.60 7.5	7.60	7.7 7.60 7.5	0.93	1.13	8.73
7	3.3 3.4		5.52	8.92	tp		tp	.	.	9
8	3.5 3.6 3.3 3.4 3.50		5.50	9.00	7.7	7.70	7.7	0.92	1.10	8.80
9	3.9 4.0		5.53	9.53	8.1	8.00	7.9	0.88	1.03	8.03
10		3.8	5.46	9.26	8.3	8.70	8.1	0.84	0.96	9.16
11		4.4	5.37	9.87	8.9	8.80	8.7	0.85	0.80	9.60
12		4.9 4.7 4.80	5.30	10.10	9.0	8.95	8.9		0.75	9.70
13		4.9	5.30	10.20	9.1	9.10	9.1		0.71	9.81
14		5.2	5.23	10.43	9.5	9.40	9.3		0.63	10.03
15		5.5	5.14	10.64	9.8	9.80	9.8		0.50	10.30
16		5.5	5.14	10.64	9.7		sup?		0.53	10.23
16a		6.1	5.01	11.11						
17		6.1	5.01	11.11						
18		6.5	4.90	11.40						
19		6.7	4.83	11.53						
20		6.7	4.83	11.53						
21		7.5 7.30 7.1	4.65	11.95						
22		7.3	4.65	11.95						
23		7.7	4.54	12.24						
24		7.9	4.49	12.39						
25		8.0	4.46	12.46						
26		8.1	4.43	12.53						
27		8.0	4.46	12.46						
28		8.7	4.26	12.96						

			cu	magn
29	8.9		4.20	13.10
30	9.0		4.18	13.18
31	9.0		4.18	13.18
32	9.3	9.40 9.5	4.07	13.47
33	7		.	7
~~34~~			.	

MF Series 7 1/2

Copied Bk 34'9

ScV

August 30, 1920

Alt. corr. +.07

MF 2741 117 K 1 13 – 14.6

	Sc 1	Sc 2		cu	magn.	g		h	cu	magn.
1		3.9		5.44 ~~4.86~~	9.34	9.3	9.30 0 0	9.3	0.64	9.94
2		4.2		5.40 ~~4.87~~	9.60	9.7	9.75 1 0	9.8	0.51	10.26
3		4.7	4.8 0 1 4.9	5.30 ~~4.62~~	10.10					
4		5.0		5.26 ~~4.55~~	10.26					
5		5.9		5.50 ~~4.33~~	11.40					
6		6.9		4.56 ~~4.22~~	11.46					
7		8.0		4.41 ~~4.46~~	12.41					
8		8.3		4.36	12.66					
9		8.9		4.20	13.10					
10		9.0		4.17	13.17					
11		9.3		4.10	13.40					
12		9.1		4.14	13.24					
13		8.7	8.8 0 1 8.9	4.23	13.03					
14		9.8		3.98	13.78					
15		7		.	7					

Copied Bk 34; 101

M7 Series 7b

Sc V

August 30, 1920

alt. corr. -.24

M7 2742 14K8 - Small Cl'd

		Sc1	Sc2	cu	magn	g		h	cu.	magn.
14 K8	1	3.2 3.3		5.53	8.83	8.3	8.4 0,1	8.5	0.92	9.32
	2	3.7 3.8 3.85 0,1	3.9	5.45	9.30	8.8	8.85 0,1	8.9	0.77	9.62
	3		4.1	5.42	9.52	9.1	9.20 1,1	9.3	0.68	9.88
	4		5.1	5.24	10.34	7			.	7
	5		5.3	5.21	10.51					
	6		5.7	5.12	10.82					
	7		6.1	5.01	11.11					
	8		6.3	4.95	11.35					
n =	9		7.1	4.72	1682					
	10		7.1	4.72	11.82					
	11		7.3	4.65	11.95					
	12		7.5	4.58	12.08					
	13		7.7	4.53	12.23					
	14		8.1	4.43	12.53					
	15		8.5?	4.33	12.83?					

Copied Bk 44; 34, 77

Small Cl'd
Seq. IV

				cu	magn.				cu	magn.
near edge	a	B		.	B	+ p		5.3	1.86	7.16
	b	B		.	B	5.0	5.05 0,1	5.1	1.92	6.97
near edge	c	B 3.25 1,0		.	B	+ p		6.3	1.56	7.86
	d	3.2 3.3 3.1 3.2		5.53	8.78	+ p		7.0	1.32	8.32
	e	3.5 36		5.49	9.09	8.0	7.90 1,0	7.9	1.04	8.94
	g		4.3	5.38	9.68					
	ff		4.0	5.43	9.43	8.3	8.25 1,0	8.2	0.95	9.20
	l		6.1	5.02	11.12					
	m		6.9	4.76	11.66					
	n		7.2	4.67	11.87					
	o		7.9 8.4 0,1	4.49	12.39					
	p		8.3 8.5	4.35	12.75					
	q		9.1 9.20 1,1 9.3	4.12	13.32					

MF Series $\overset{7}{7b}$

Copied Bk 44; 32

DcV

August 30, 1920

MF 2742 cont

Small Cld

Seq III

		cu.	magn.				cu	magn.
	sc 2	~~5.40~~						
g^3	4.2	5.40	9.60	9.3	$9.^{20}_{1}$ ÷	9.1	0.68	9.88
h^3	4.4	5.36	9.76	9.7	$9.^{60}_{1}$ ÷	9.5	0.55	10.15
k^2	4.8	5.30	10.10	9.8	$9.^{80}_{0}$	9.8	0.50	10.30
l	5.0	5.26	10.26					
m	5.7	5.12	10.82					
n	6.2	4.97	11.17					
o	6.9	4.76	11.66					
p	7.3	4.65	11.95					
q	7.7	4.53	12.23					
r	7.9	4.49	12.39					
s	8.9	4.21	13.11					
t	9.1	4.14	13.24					
u	9.5	4.04	13.54					

D.V

MF Series 7 b

August 30, 1920

Plot 220

MF 2744 Da

	Sc1	Sc2	Diff	g	h	Diff.
1	13		·	4/p	5.5 5.30 5.1	1.64
2	Defective		·	def.	5.3	1.94
3	B		·	6.1	6.10 6.1	1.54
4	3.0 3.1		5.10	6.9	6.95 7.0	1.25
6	3.3 3.4		5.27	+p	7.5	1.17
7	3.9 4.0	4.00 4.0	5.06	+p	8.0	1.06
10		4.3	5.05	+p	8.3	1.05
11		4.7	5.04	+p	8.9	0.84
12		5.1	4.86	+p	9.3	0.66
14		5.7	5.09	F		·
16		6.2	4.98			
17		6.5	4.93			
19		7.1	4.73			
21		7.7	4.64			
22		8.0	4.50			
23		8.3	4.49			
24		8.5	·			
25		8.8	4.30			
26		9.5	4.17			
27		9.8?	4.11?			

1:40

10:40

ScV

MF Series 79 (2nd half)

August 31, 1920 alt. -.12

		MF 2762		Curve				Cu	
		Sc1	Sc2			g			
Carte 22h -64°.5	1	3.0 3.1		·	ta ·	6.1 6.05 10h	6.0	0.97	7.02
	2	3.2 3.3		·	·	6.5	cloy	0.97	7.47
	3	3.5 3.6		4.98	8.58	8.0 ~~8.8~~	cloy	0.89	8.89
	4		4.0	4.85	8.85	8.5 8.3 8.40±	tp	0.80	9.20
	5		4.3	4.75	9.05	8.7 8.85±2	9.0	0.63	9.48
	6		5.2	4.50	9.70				
	7		6.2	4.29	10.49				
	8		6.9	4.23	11.13				
	9		7.5	4.20	11.70				
	10		8.1	4.19	12.29				
	11		8.3	4.18	12.48				
	12		8.9	4.17	13.07				
	13		9.1	4.17	13.27				
	14		9.7	4.16	13.86				
	15								

M7 Series 79

S c V August 31, 1920 Copied 45'.187

alt corr. +.04

M7 2764 [illegible] 22 21-38.0

	Sc 1	Sc 2	cu	magn	g		h	cu	magn
a	3.5 3.4		5.00	8.50	7.7		sup	0.92	8.62
b	3.6 3.5		4.96	8.56	7.8	7.85	7.9	0.90	8.75
c		4.40 4.3 4.5	4.73	9.13	8.8	8.80	8.8	0.65	9.45
d		4.80 4.9 4.7	4.62	9.42	tp		8.9	0.62	9.52
d'		5.2	4.50	9.70	9.2	9.15	9.1	0.50	9.65
e		5.5	4.42	9.92	?				?
e'		5.9	4.33	10.23					
f		6.2	4.28	10.48					
g		7.0	4.22	11.22					
h		7.2	4.21	11.41					
k		7.3	4.20	11.50					
l		8.0	4.18	12.18					
m		9.0	4.16	13.16					
n		9.40 9.3 9.5	4.15	13.55					

Sc V

M7 Series 79

August 31, 1920

Copied Bk27:169

alt. corr. +.02

M7 2765 Eq

	Sc 1	Sc 2	cu.	magn.	g	h			cu	magn
1	3.1 3.0		.	.	tp	5.80 1 1 5.7 5.9			0.96	6.76
2	tp		.	g	5.7	5.60 1 1 5.5			.	.
3	tp		.	g	tp	6.1			0.96	7.06
4	3.2 3.1		.	.	tp	6.2			0.96	7.16
5	3.4 3.3 g		.	.	tp	6.8			0.95	7.75
6	3.4 3.3		.	.	6.5	6.60 1 1 6.7			0.96	7.56
7	3.6 3.5		4.96	8.56	7.1	7.05 1 0 7.0			0.95	8.00
8	3.5 3.4		5.00	8.50	tp	7.40 1 1 7.5 7.3			0.93	8.33
9	4.0 3.9	4.00 0 0 4.0	4.83	8.83	8.0	8.00 0 0 8.0			0.88	8.88
10	4.2 4.1	4.15 0 1 4.1	4.79	8.94	8.1	8.10 0 0 8.1			0.86	8.96
11	4.1 4.0	4.10 0 0 4.1	4.81	8.91	8.0	8.00 0 0 8.0			0.88	8.88
12		4.5	4.69	9.19	8.7	8.75 1 0 8.8			0.66	9.41
13		4.5	4.69	9.19	8.5	8.60 1 1 1 1 8.7			0.73	9.33
14		4.8	4.62	9.42	9.1	9.05 1 0 9.0			0.54	9.59
15		4.60 1 1 4.5 4.7	4.66	9.26	tp	9.0			0.56	9.56
16		5.0	4.55	9.55	tp	9.7			0.24	9.94
17		5.5	4.42	9.92	7				.	7
18		5.8	4.35	10.15						
19		5.9	4.33	10.23						
20		6.2	4.28	10.48						
21		6.4	4.26	10.66			cu	magn		
22		7.1	4.22	11.32	29 8.3	8.40 1 1 8.5	4.17	12.57		
23		7.3	4.20	11.50	30 8.7	8.60 1 1 8.5	4.17	12.77		
24		7.5	4.20	11.70	31 9.1		.	.		
25		7.5	4.20	11.70	32 9.1		.	.		
26		7.8	4.19	11.99	33 9.3		.	.		
27		8.0	4.18	12.18	34 9.7		.	.		
28		8.1	4.17	12.27	35 9.8		-	.		

SaV

M7 Series 79
August 31, 1920

alt -01

Copied Bk 35: 172

M7 2767 Darte 23 01 — 51.5

	Sc1		So2	cu	magn	g		h	cu	magn
1	B			.	B	5.9	5.9 0 0 0	5.9	0.97	6.87
2	B			.	B	6.1	6.0 5 1 0	6.0	0.97	7.02
3	3.9 38	3.9 0 0 0	3.9	4.87	8.77	7.7	7.8 0 1 1	7.9	0.91	8.71
4			4.8	4.62	9.42	9.0	9.0 0 0 0	9.0	0.57	9.57
5			5.3	4.47	9.77	9.8		7	0.22	10.02
6			5.8	4.35	10.15					
7			6.2	4.28	10.48					
8		w.s	7.0 ~~8.0~~	4.22	11.22					
9			7.3	4.20	11.50					
10			7.8	4.19	11.99					
11			8.0	4.18	12.18					
12			9.0	4.17	13.17					
13			9.1	4.16	13.26					
14			9.8	4.15	13.95					
15			7	.	7					

ScV

M7 Series 79 August 31, 1920

Plot 220

M7 2768 – b 12

	Sc1	Sc2	Diff.	g		l	Diff
1	B		.	5.8	5.85	5.9	0.75
2	B		.	6.0	6.00	6.0	0.99
3	B		.	6.1	6.10	6.1	1.18
4	B		.	6.5	6.60	6.7	0.96
5	B		.	6.8	6.85	6.9	0.99
6	B		.	7.3	7.40	7.5	0.82
8	3.6 3.5	3.65 3.7	4.95	7.7	7.70	7.7	0.90
9		4.2	4.81	8.1	8.10	8.1	0.91
11		4.7	4.61	8.5	8.50	8.5	0.81
12		5.1	4.51	9.1	9.05	9.0	0.56
14		5.5	4.41	7		9.7?	0.21?
16		6.1	4.28				
17		6.4	4.25				
18		7.1	4.20 ~~3.55~~				
20		7.5	4.40				
21		7.9	4.33				
23		8.9	4.11				
24		9.3	4.14				
26		9.7	3.96				
27		7	.				

1:00