KG
11366
020

1916phae.proj.1021L

III

H. S. Locke

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

KG11366 .620

1916phae.proj.1021L

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

1916phae.proj.1021L

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

1916phae.proj.1021L

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

1916phac.proj.1021L

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

1916phae.proj.1021L

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

1916phae.proj.1021L

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

1916phae.proj.1021L

2 IG 11366,020

HARVARD UNIVERSITY LIBRARY JUL 17 1956

Wednesday. Feb. 16, 1916

Sheet No 272.

~~50~~ 9.10

Scale m | mc 9346 | Pole | Series mc 553

	Sc.1	Sc.2	mc 9352 fu16				Sc.1	P.C.	Sc.2	9352 fu16		Diff
5	B						5.3	5.50 00	5.5	5.85	5.68	18 17 .081
6	1.3		1.8	1.65	1	2	5.46	6.70 00	6.7	6.90	6.80	10 10 .031
8	2.5		2.7	2.70	0	0	5.53		8.1	8.5	8.30	2 2 -.007
9	3.3		3.7	3.60	1	1	5.23		9.1	9.1	9.10	0 0 -.027
10	3.5		3.7	3.70	0	0	5.32		9.3	9.5	9.40	1 1 -.035
11	3.9		4.30	4.20	10	10	5.35		9.8	9.9	9.85	0 1 -.030
12	4.5 4.70 00	4.7	5.05	4.88	18	17	4.98		9.9	9.9	9.90	0 0 -.004
13	5.5 5.60 11	5.5	5.70	5.65	05	05	4.65		F	7	7	.
14	5.7 5.85 10	5.8	6.50	6.18	33	32	4.47					
15	6.5 6.60 11	6.5	6.93	6.78	18	17	4.30					
16	6.7 6.90 00	6.9	7.5	7.20	30	30	4.20					
17	7.5 ——→	7	7.7	7.60	1	1	4.03					
18		7.7	8.1	7.90	2	2	4.16					
19		8.3	8.5	8.40	1	1	4.02					
20		8.5	8.9	8.70	2	2	4.03					
23		8.9	9.3	9.10	2	2	4.24					
25		9.5	9.9	9.70	2	2	4.17					
26		9.8	7	9.80	2	.	4.53					
27		9.9	7	9.90	2	.	4.79					

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

1916phae.proj.1021L

Wednesday, Feb. 16, 1916

Scale m mc 9346 (cont.) diff. images

	Sc 1	Sc 2		Sc 1	Sc 2			Diff
	g		h	9352 7h 17				
5	4.7	4.90	00	4.9 4.7	5.00	4.95	05 05	1.5 4
6	5.7	5.80	1.1	5.9 5.7 5.5	6.00	5.90	10 10	1.21
8	7.5	7.50	00	7.5	7.50	7.50	00 00	0.73
9	8.3	8.30	00	8.3	8.60	8.45	15 15	0.28 3
10	8.5	8.50	00	8.5	8.75	8.62	12 13	0.52 40
11	8.9	9.10	2.2	9.3	9.50	9.30	20 20	0.45 2
12	9.3	9.40	1.1	9.5	9.50	9.45	05 05	0.48 1
13	9.6	9.65	01	9.7	9.85	9.75	10 10	0.65
14	9.8			7	7	9.80		0.85
15	7			7				

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

1916phae.proj.1021L

Wednesday, Feb. 16, 1916 Copied B10:110

Card

Scale m MC 9347 Carte 0h, +5°.0 Alt. +11

	Sc.1	Sc.2	Curve.	Magn.	Sc.1	P.C.	Sc.2	Cu	Magn.
	2.9								
1	2.7		5.45	8.35			8.3	−0.07	8.23
	3.7								
2	3.5		5.30	9.00			9.1	−0.29	8.81
	3.9								
3	3.7		5.25	9.15			9.5	−0.35	9.15
	6.5								
4	6.3 6.50 °°	6.5	4.38	10.88			9.9	−0.19	9.71
	7.1								
5	6.9 7.10 °°	7.1	4.23	11.33					
6		7.5	4.16	11.66					
7		8.5	4.05	12.55					
8		8.9	4.11	13.01					
9		9.1	4.17	13.27					
10		9.3	4.23	13.53					
11		9.5	4.34	13.84					
12		9.9	4.70	14.60					
13		9.9	4.70	14.60					
14		9.9	4.70	14.60					
15									

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

1916phae.proj.1021L

Wednesday, Feb. 16, 1916

Scale m MC 19347 (cont.) diff. images

Sc 1 Sc 2 Sc 1 Sc 2

	g	h	Cw.	Magn
1	7.7 790 22	8.1	0.55	8.45
2	8.7 8.70 00	8.7	0.30	9.00
3	8.7 880 11	8.9	0.28	9.08
4	9.9 990 00	9.9	0.82	10.72
5	J	J	.	.

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

1916phae.proj.1021L

Wednesday, Feb. 16, 1916 Copied B 10; 182

Cards

Scale m MC 9348 Carte 0h -10° Alt. corr -.09

	Sc.1		Sc.2	Curve	Magn	Sc.1	P.C.	Sc.2	Cu.	Magn
	4.7									
1	4.5	4.70 0 0	4.7	5.05	9.75			9.8	-0.28	9.52
	4.7									
2	4.5	4.70 0 0	4.7	5.05	9.75			9.9	-0.20	9.70
	4.8									
3	4.6	4.75 0 1	4.7	5.04	9.79			9.8	-0.28	9.52
	6.1									
4	5.9	6.10 0 0	6.1	4.50	10.60					
	5.3									
5	5.1	5.40 1 1	5.5	4.77	10.17					
	5.7									
6	5.5	5.80 1 1	5.9	4.60	10.40					
	7.1									
7	6.9	7.10 0 0	7.1	4.23	11.33					
	6.9									
8	6.7	6.85 1 0	6.8	4.29	11.14					
9			7.3	4.20	11.50					
10			7.5	4.16	11.66					
11			7.6	4.14	11.74					
12			7.8	4.10	11.90					
13			8.3	4.04	12.34					
14			8.5	4.05	12.55					
15			8.7	4.08	12.78					
16			9.1	4.17	13.27					
17			9.1	4.17	13.27					
18			9.3	4.23	13.53					
19			9.6	4.40	14.00					
20			9.9	4.70	14.60					

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

1916phae.proj.1021L

Wednesday, Feb. 16, 1916

Scale m MC 9348 (cont.) diff. images alt. corr. −.09

	Sc1 Sc2 g	Sc1 Sc2 h	Cu.	Magn
1	9.3 9.40	9.5	0.29	9.69
2	9.5 9.50	9.5	0.39	9.89
3	9.5 9.50	9.5	0.39	9.89
4	9.8 9.85	9.9	0.49	10.34
5	J.P.	9.9	0.82	10.72
6	9.9 9.90	9.9	0.82	10.72
7	〃	〃	〃	〃

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

1916phae.proj.1021L

Wednesday, Feb. 16, 1916 Copied B 9a:66

Scale m MC 9349 DM alt. corr. +.21

	Sc 1		Sc 2	Cu.	Magn	Sc. 1	P.C.	Sc. 2	Cu.	
	1.9									
1	1.7			548	7.38			7.7	0.08	7.78
	2.9									
2	2.7			545	8.35			8.8	-.022	8.58
	3.8									
3	3.6		B	528	9.08			9.1	-0.30	8.80
	4.6									
4	4.3	4.50 00	4.5	511	9.61			9.8	-0.28	9.52
	5.5									
5	5.3	5.50 00	5.5	472	10.22			J	.	.
	6.7									
6	6.5	6.70 00	6.7	432	11.02					
	7.1									
7	6.9	7.10 00	7.1	424	11.34					
8			7.7	413	11.83					
9			7.7	413	11.83					
10			7.9	410	12.00					
11			8.5	404	12.54					
12			8.8	409	12.89					
13			8.9	411	13.01					
14			9.5	434	13.84					
15			9.8	460	14.40					

This plate was taken for NGC 7789, but the sequence was not measured.

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

1916phae.proj.1021L

Wednesday, Feb. 16, 1916

Scale m MC 9349 (cont.) diff. images Alt. corr. +.21

	Sc.1	Sc.2	Sc.1 − Sc.2		
	7.0 g		h	Cu.	Magn
1	6.8	6.95	0.1 6.7	089	7.84
2	8.1	8.10	0.0 8.1	048	8.58
3	8.5	8.60	0.1 8.7	031	8.91
4	9.1	9.20	0.1 9.3	029	9.49
5	9.5	9.55	0.0 9.6	041	9.96
6	7	7	.		.

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

1916phae.proj.1021L

Copied on sheets.

Wednesday, Feb. 16, 1916

Card.

Alt +.22

Scale m MC 9350 R Cass Variable Sequence

	Sc.1	Sc.2	Cu.	Magn	Sc.1	P.C.	Sc.2	Cu.	Magn
f a	1.5 1.3		5.44	6.94	6.7 6.5	6.60 11	6.5	0.39	6.99
g b	1.7 1.5		5.46	7.16	6.9 6.7	6.90 00	6.9	0.28	7.18
h	B		.	.	6.1 5.9	6.20 11	6.3	0.57	6.77
k	2.3 2.1		5.49	7.79			7.7	0.08	7.78
l	2.9 2.7		5.45	8.35			8.7	-0.19	8.89
m	2.9 2.7		5.45	8.35			8.5	-0.13	8.63
n	3.7 3.5	B	5.30	9.00			9.1	-0.30	9.40
n'	4.1 3.9 4.10 00	4.1	5.20	9.30			9.9	-0.19	10.09
n2	5.5 5.3 5.40 11	5.3	4.76	10.16			J	.	.
o	5.7 5.5 5.70 00	5.7	4.63	10.33					
o'	5.5 5.3 5.50 00	5.5	4.72	10.22					
p	7.5 7.1	7.5	4.17	11.67					
q	6.5 6.3 6.50 00	6.5	4.39	10.89					
r	6.5 6.3 6.50 00	~~4.5~~ 6.5	4.39	10.89					
s		7.7	4.13	11.83					
t		7.7	4.13	11.83					
t'		8.1	4.07	12.17					
u		8.7	4.08	12.78					
w		8.9	4.11	13.01					
w'		9.5	4.34	13.84					
x		9.7	4.50	14.20					
y		9.7	4.50	14.20					
z		9.8	4.60	14.40					
a		9.9	4.70	14.60					

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

1916phae.proj.1021L

Copied on sheets

Wednesday, Feb. 16, 1916

Alt. +0.22

Scale m MC 9350 (cont.) diff. images

	Sc.1	Sc.2	Sc.1	Sc.2		Cu	Magn
f	5.7 5.5	5.7 0 0	5.7	5.5		1.31	701
g	5.9 5.7	5.9 0 0	5.9	5.7		1.25	715
h	5.5 5.3	5.6 0 L1	5.7	5.5		1.39	699
K	6.7 6.5	6.8 0 L1	6.9	6.7	~~6.7~~	0.94	774
l		7.9 8.0 0 L1		8.1		0.51	851
m		7.8 7.7 5 0 L		7.7		0.60	835
n		8.8 8.9 5 2 1		9.1		0.26	921
n'	9	9.3 0 0		9.3		0.31	961
n²		9.7 9.7 0 0		9.7		0.52	1022
o		9.9 9.9 0 0		9.9		0.82	1072
o'		9.8 9.8 5 0 1		9.9		0.75	1060

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

1916phae.proj.1021L

Wednesday, Feb. 16, 1916

Cand.

Scale m | MC 9350 | R Cars. | Reference Sequence | Alt. corr. +22

	Sc.1	Sc.2	Cw.	Magn.	Sc.1	P.C.	Sc.2	Cw.	
1.	2.7 2.5		5.46	8.16			8.5	-0.14	8.36
2.	3.1 2.9		5.41	8.51			9.1	-0.40	8.70
3.	3.7 3.5		5.30	9.00			9.5	-0.35	9.15
4.	4.0 3.8		5.22	9.22			9.8	-0.28	9.52
5	3.9 3.7	B	5.25	9.15			9.7	-0.33	9.37
6	5.1 4.9 5.10 00	5.1	4.90	10.00			9.9	-0.20	9.70
7	6.1 5.9 6.10 00	6.1	4.50	10.60					
8	6.0 5.8 5.95 01	5.9	4.56	10.51					
9	6.7 6.5 6.75 10	6.8	4.31	11.06					
10		7.3	4.20	11.50					
11		7.9	4.09	11.99					
12		7.8	4.10	11.90					
13		8.7	4.08	12.78					
14		8.5	4.04	12.54					
15		8.7	4.08	12.78					
16		9.1	4.17	13.27					
17		9.5	4.34	13.84					
18		9.5	4.34	13.84					
19		9.9	4.70	14.60					
20		7	.	.					

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

1916phae.proj.1021L

Wednesday, Feb. 16, 1916

Scale m. MC 9350 (cont.) diff. images Alt. corr. +.22

	Sc.1 g	Sc.2 h	Sc.1	Sc.2	Cu.	Magn
1	7.84	7.75	0	1	7.7	0.60	8.35
2	8.5	8.50	0	0	8.5	0.35	8.85
3	8.9	8.90	0	0	8.9	0.27	9.17
4	9.39	40	0	1	9.5	0.34	9.74
5	9.19	20	0	1	9.3	0.29	9.49
6	9.5	9.60	0	1	9.7	0.45	10.05
7	〃		〃				

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

1916phae.proj.1021L

Copied R 10: 158

Wednesday, Feb. 16, 1916

Card.

Scale m MC 9351 Carte ☽ 1h -23°.5 alt. corr. -.49

	Sc.1	Sc.2	Cw.	Magn.	Sc.1	P.C.	Sc.2	Cw	
					5.1				
1	B		.	.	5.5	5.60 1l	5.5	.	.
2	1.5		5.46	7.16	6.3 6.1	6.20 1l	6.1	.	.
3	2.7		5.45	8.35			8.5	-0.14	8.36
4	3.3	B	5.34	8.84			9.5	-0.35	9.15
5	4.9 5.20 1l	5.5	4.85	10.05			J	.	.
6	4.5 4.80 1l	4.9	5.02	9.82			9.9	-0.20	9.70
7	5.5 5.70 00	5.7	4.64	10.34					
8	6.5 6.75 10	6.8	4.31	11.06					
9		7.5	4.16	11.66					
10		7.7	4.12	11.82					
11		7.8	4.10	11.90					
12		7.9	4.09	11.99					
13		8.9	4.11	13.01					
14		8.9	4.11	13.01					
15		9.3	4.22	13.52					
16		9.5	4.34	13.84					
17		9.8	4.60	14.40					
18		J.P.	.	.					
19		9.9	4.70	14.60					
20		J	.	.					

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

1916phae.proj.1021L

Wednesday, Feb. 16, 1916

Scale m MC 9351 (Cont.) diff. images Alt. corr. -.49

	Sc.1 Sc.2 g	Sc.1 Sc.2 h	Cw.	Magn
1	4.7 4.5 4.70 00	4.7 4.5	1.64	6.34
2	5.9 5.7 5.80 11	5.7 5.5	1.29	7.09
3	7.9 8.00 11	8.1	0.51	8.51
4	8.5 8.60 11	8.7	0.31	8.91
5	9.7 9.80 11	9.9	0.66	10.46
6	9.9 9.85 10	9.8	0.75	10.60
7	9.9 9.90 00	9.9	0.82	10.72
8	J	J	.	.

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

1916phae.proj.1021L

Wednesday, Feb. 16, 1916

Scale m MC 9352 Pole

	Sc 1	Sc 2	P.C. Sc 1	P.C.	P.C. Sc 2
5	B		5.9 5.7	5.85 10	5.8
6	1.8 1.6		6.9 6.7	6.90 00	6.9
8	2.7 2.5				8.5
9	3.7 3.5				9.1
10	3.7 3.5				9.5
11	4.3 4.1	4.30 00 4.3			9.9
12	5.0 4.8	5.05 01 5.1			9.9
13	5.7 5.5	5.70 00 5.7			7
14	6.5 6.3	6.50 00 6.5			
15	7.0 6.8	6.95 01 6.9			
16		7.5			
17		7.7			
18		8.1			
19		8.5			
20		8.9			
23		9.3			
25		9.9			
26		7			
27		7			

Sept 2

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

1916phae.proj.1021L

Wednesday, Feb. 16, 1916,

Scale m mc 9352 (cont.) diff. images

	Sc.1 Sc.2	Sc.1 Sc.2
	g	h
5	4.8 5.00 .50 .00 .50	4.8
6	5.9 6.00 .1 .61 .59	5.7
8	7.5 7.50 .00	7.5
9	8.7 8.60 .1	8.5
10	8.7 8.75 .0	8.8
11	9.5 9.50 .00	9.5
12	9.5 9.50 .00	9.5
13	9.8 9.85 .01	9.9
14	J	J

11. 40

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

1916phae.proj.1021L

10.15 Thursday, Feb. 17, 1916 Sheet No 272

Scalem MC 9352 Pole

	Sc 1	Sc 2	MC 9357 pv 30					Sc 1	P.C.	Sc 2	9357 pv 30		Diff		
5	B		.				Diff	5.8 (6.0)	595 01	5.9	550	5.72 ~~0.99~~	23	22	077
6	1.5 (1.7)		1.7	1.70	0	0	541	6.8 (7.0)	705 01	7.1	6.5	678	27	28	0.33
8	2.6 (2.8)		2.5	2.65	2	1	558			8.5	8.3	8.40	1	1	-017
9	3.5 (3.7)		3.1	3.40	3	3	543			9.3	9.1	9.20	1	1	-037
10	3.5 (3.7)	B	3.1	3.40	3	3	562			9.5	9.3	9.40	1	1	-038
11	4.1 (4.3) 4.40	4.5	4.40	4.40	00	00	515			9.8	9.7	9.75	0	1	-0.20
12	4.8 (5.0) 5.15	5.3	4.70	4.92	23	22	494			9.9	9.9	9.90	0	0	-004
13	5.5 (5.7) 5.70	5.7	5.30	5.50	20	20	480			F	9.9	9.90	.	≡	0.40
14	6.1 (6.3) 6.30	6.3	5.85	6.08	22	23	457								
15	6.7 (6.9) 6.90	6.7	6.60	6.65	05	05	443								
16		7.3	7.00	7.15	1	2	425								
17		7.5	7.5	7.50	0	0	413								
18		7.9	7.8	7.85	1	0	421								
19		8.5	8.3	8.40	1	1	402								
20		8.9	8.5	8.70	2	2	403								
23		9.3	8.9	9.10	2	2	424								
25		9.8	9.5	9.65	2	1	422								
26		F	9.9	9.90	.	≡	443								
27		F	9.9	9.90	.	≡	479								

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

1916phae.proj.1021L

Thursday, Feb. 17, 1916

Scale m mc 9352 (cont.) diff. images

	Sc1	Sc2	Sc1	Sc2	9357				Diff.
	4.7 g			h	p31				
5	4.5	4.70	00	4.7	4.70	4.70	00	00	2.09
6	6.0 5.8	5.95	01	5.9 5.7	5.80	5.88	07	08	1.23
8	7.7	7.70	00	7.7	7.50	7.60	10	10	0.63
9	8.5	8.50	00	8.5	8.50	8.50	00	00	0.33
10	8.8	8.80	00	8.8	8.70	8.75	05	05	0.27
11	9.5	9.50	00	9.5	9.10	9.30	20	20	0.25
12	9.5	9.60	1'	9.7	9.50	9.55	05	05	0.31
13	9.9	9.90	00	9.9	9.75	9.82	08	07	0.48
14	7.			7	9.90	9.90	.	a	0.75

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

1916phae.proj.1021L

Copied B9a: 158

Thursday. Feb. 17, 1916

Card.

Scale m MC 9353 Sy and. Variable Seq. for ref. seq. Att. corr. +.22

	Sc. 1	Sc. 2	Qu.	Magn	Sc. 1	P.C.	Sc 2		
a	4.3 4.1 4.40 1'	4.5 4.7	5.10	9.60			9.9	-0.09	9.81
b	4.0 3.8	B	5.23	9.23			9.5	-0.34	9.16
c	5.9 5.7 6.00 1'	6.1	4.60	10.60					
d	7.1 6.9 7.00 1'	6.9	4.29	11.29					
e		7.5	4.15	11.65					
f		7.9	4.09	11.99					
g		7.9	4.09	11.99					
h		~~8.5~~	4.03	12.53					
k		8.8	4.05	12.85					
l		8.7	4.04	12.74					
m		8.9	4.06	12.96					
n		9.3	4.17	13.47					
o		9.3	4.17	13.47					

wr wrong star marked

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

1916phae.proj.1021L

Thursday, Feb. 17, 1916

+.22 Scale m MC 9353 (cont.) diff. images alt. corr. +.22

	Sc 1 Sc 2 g	Sc 1 Sc 2 h	Cu.	
a	9.1	9.10 00 9.1	0.24	9.34
b	8.7	8.75 1.0 8.8	0.26	9.01
c	9.9	9.90 00 9.9	0.64	10.54
d	〃	〃	〃	〃

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

1916phae.proj.1021L

Thursday, Feb. 17, 1916 Cand.

Scale m MC 9354 R. And. ref. sq. Alt. corr. + 21

	Sc.1	Sc 2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	1.9 1.7		5.65	7.55	6.9 6.7	6.90 00	6.9	0.71	7.61
2	3.3 3.1		5.42	8.72			8.7	-0.29	8.41
3	3.5 3.3		5.37	8.87			8.9	-0.33	8.57
4	3.9 3.7		5.27	9.17			9.5	-0.34	9.16
5	3.9 3.7	B	5.27	9.17			9.3	-0.38	8.92
6	5.0 4.8 515 21	5.3	4.85	10.00			9.9	-0.09	9.81
7	5.5 5.3 550 00	5.5	4.74	10.24					
8	6.7 6.5 670 00	6.7	4.38	11.08					
9	6.9 6.7 690 00	6.9	4.32	11.22					
10		7.5	4.15	11.65					
11		7.5	4.15	11.65					
12		7.9	4.09	11.99					
13		8.1	4.06	12.16					
14		8.7	4.04	12.74					
15		9.1	4.11	13.21					
16		9.3	4.17	13.47					
17		9.3	4.17	13.47					
18		9.7	4.35	14.05					
19		9.9	4.54	14.44					
20		9.9	4.54	14.44					

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

1916phae.proj.1021L

Thursday, Feb. 17, 1916

Scale m Mc 9354 (cont.) diff. images Alt. Corr. +.21

	Sc.1 Sc.2	Sc.1 Sc.2	Cu.	Magn.
	65 9	h 6.1		
1	6.3	6.5	0.96	7.56
2	8.18 00	7.9	0.46	8.46
3	8.58 50 00	8.5	0.31	8.81
4	8.88 80 00	8.8	0.26	9.06
5	8.98 90 00	8.9	0.24	9.14
6	9.59 50 00	9.5	0.29	9.79
7	9.89 75 00	9.7	0.48	10.23
8	〃	〃	.	.

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

1916phae.proj.1021L

Copied 13 9:7

Thursday, Feb. 17, 1916.

Card.

Scale m MC 9354 R Andr. Variable sequence Alt. corr. +.21

	Sc. 1	Sc. 2	Acorr	Magn	Sc. 1	P.C.	Sc. 2	Cw.	
a	B		.	.	3.7	40° 1'	4.1	.	.
b	off plate		.	.				.	.
c	1.7		5.65	7.55	6.5	60° 0°	6.7	0.79	7.49
d	2.3		5.58	8.08			8.1	0.00	8.10
e	same as 1		.	.				.	.
f	2.5		5.55	8.25			7.8	0.17	7.97
g	2.5		5.55	8.25			7.8	0.17	7.97
h	3.7		5.27	9.17			9.5	-0.34	9.84 9.16
k	3.5	B	5.32	9.02			9.1	-0.36	9.46 8.74
l	3.7	B	5.27	9.17			9.3	-0.38	9.68 8.92
m	4.5	4.5	5.03	9.63			9.5	-0.34	9.84 9.16
n	3.7	4.3	5.10	9.50			9.3	-0.38	9.68 8.92
o	4.1	4.3	5.14	9.44			9.7	-0.25	9.95
r	4.3	4.5	5.08	9.58			9.7	-0.25	9.45
q	5.8	5.9	4.61	10.56			n.s	.	.
q'	6.9	6.9	4.22	11.22			n.s	.	.
r	5.3	5.5	4.74	10.24			n.s	.	.
s	5.9	5.9	4.60	10.60					
t		7.5	4.15	11.65					
u		8.5	4.02	12.52					
w		8.5	4.02	12.52					
x		8.7	4.04	12.74					
y		8.8	4.05	12.85					
y'		9.3	4.17	13.47					
z		8.9	4.06	12.96					
α		9.9	4.54	14.44					
β		?	.	.					

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

1916phae.proj.1021L

Thursday, Feb. 17, 1916

Scale m MC 9354 (cont.) diff. images Alt. corr. +.21

	Sc.1	Sc.2	Sc.1−Sc.2		
	g		h	Cu.	
a	3.7	3.90 00	3.7	.	.
c	4.3	4.50 00	4.3	2.16	6.66
d	6.9	7.20 1.1	7.3	0.74	7.94
f	7.3	7.40 1.1	7.5	0.67	8.07
g	6.8	7.15 2.1	7.3	0.77	7.92
h	8.7	8.80 1.1	8.9	0.25	9.05
k	8.5	8.40 1.1	8.3	0.33	8.73
l	8.5	8.65 1.2	8.8	0.29	8.94
m	9.1	9.00 1.1	8.9	0.24	9.24
n	8.8	8.75 0.1	8.7	0.26	9.01
o	9.1	9.20 1.1	9.3	0.25	9.45
p	9.1	9.10 00	9.1	0.24	9.34
q	9.9	9.90 00	9.9	0.64	10.54
q'	7	7	.	.	
r	9.8	9.80 00	9.8	0.51	10.31
s	9.8	9.85 0.1	9.9	0.55	10.40

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

1916phae.proj.1021L

Copied B10: 135

Thursday, Feb. 17, 1916

Cand.

Scale m mc 9355 Carte $2^{\frac{1}{2}} -10^{\circ}$ Alt. corr. -.09

	Sc. 1	Sc 2	Cu.	Magn	Sc. 1	P.C.	Sc. 2		
							J.P	.	.
1	3.9 3.7	B	527	9.17					
2	4.5 4.3 $45^{\circ}\,00'$	4.5	508	9.58			9.7	2 .075	9.45
3	4.5 4.3 $45^{\circ}\,00'$	4.5	508	9.58			9.7	2 .075	9.45
4	5.7 5.5 $58^{\circ}\,1'$	5.9	465	10.45			J	.	.
5	7.1 6.9 $71^{\circ}\,00'$	7.1	426	11.36					
6	7.1 6.9 $71^{\circ}\,00'$	7.1	426	11.36					
7		7.5	415	11.65					
8		7.5	415	11.65					
9		7.5	415	11.65					
10		7.8	410	1190					
11		8.5	402	12.52					
12		8.5	402	12.52					
13		8.9	406	12.96					
14		9.1	411	13.21					
15		9.3	416	13.46					
16		9.3	416	13.46					
17		9.3	416	13.46					
18		9.8	444	14.24					
19		9.8	444	14.24					
20		J	.	.					

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

1916phae.proj.1021L

Thursday, Feb. 17, 1916

Scale m mc 9355 (cont'd)... diff. images Alt. corr. -.09

	Sc.1 Sc.2	Sc.1 Sc.2		
	g	h	Cu	
1	8.98 85	8.8	0.25	9.10
2	9.19 10 00	9.1	0.24	9.34
3	9.5 95 00	9.5	0.29	9.79
4	9.99 90 00	9.9	0.64	10.54
5	9.9	9	0.64	10.54

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

1916phae.proj.1021L

Copied B10:159

Thursday. Feb. 17, 1916

Cloud

Scale m MC9356 Carte 2^{h} -23.5 alt. corr. -.43

	Sc.1		Sc.2	Cw.	Magn	Sc.1	P.C.	Sc.2		
1	1.6			5.66	7.46			7.9	0.12	8.02
2	3.3			5.37	8.87			9.5	-.034	9.16
3	3.9	41° 00'	4.1	5.21	9.31			9.9	-.009	9.81
4	5.3	55° 00'	5.5	4.74	10.24			7	,	,
5	6.5	67° 00'	6.7	4.39	11.09			7	,	,
6	6.5	66° 1'	6.5	4.40	11.00					
7	6.5	66° 1'	6.5	4.40	11.00					
8			7.3	4.21	11.51					
9			7.5	4.15	11.65					
10			7.7	4.11	11.81					
11			8.3	4.03	12.33					
12			8.5	4.03	12.53					
13			8.8	4.05	12.85					
14			8.9	4.06	12.96					
15			8.9	4.06	12.96					
16			9.1	4.11	13.21					
17			9.5	4.25	13.75					
18			9.8	4.44	14.24					
19			9.9	4.54	14.44					
20			7	,	,					

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

1916phae.proj.1021L

Thursday, Feb. 17, 1916

Scale m MC 9356 (cont.) diff. images Att. corr. -.43

	Sc.1 Sc.2	Sc.1 Sc.2		
	g	h	Cu	
1	6.8 7.0 6.96	0.1 6.9 6.7	0.83	7.78
2	8.5 8.65	1.2 8.8	0.29	8.94
3	9.3 9.40	1.1 9.5 9.7	0.26	9.66
4	9.8 9.85	0.1 9.9	0.55	10.40
5	7	7	.	.

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

1916phae.proj.1021L

Thursday, ~~Friday~~ Feb. 17, 1916

Scale m	MC 9357 Sc.1	MC 9357 Sc.2	Pole	Sc.1	P.C.	Sc.2
5	B			5.3	550 00	5.5
6	1.5			6.3		
8	2.3					8.3
9	2.9					9.1
10	2.9					9.3
11	4.3	4.3				9.7
12	4.5	4.7				9.9
13	4.9	5.5				9.9
14	5.7	5.8				
15	6.5	6.5				
16	6.7	7.1				
17		7.5				
18		7.8				
19		8.3				
20		8.5				
23		8.9				
25		9.5				
26		9.9				
27		9.9				

See p 18

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

1916phae.proj.1021L

Thursday, ~~Feby~~ Feb. 17, 1916

Scale m mc 9357 (cont.) diff. images

	Sc 1	Sc 2	Sc 1	Sc 2
			g	h
5	4.5	4.70	4.7	4.5
6	5.7	5.80	5.7	5.5
8	7.5	7.50		7.5
9	8.5	8.50		8.5
10	8.7	8.70		8.7
11	8.9	9.10		9.3
12	9.5	9.50		9.5
13	9.7	9.75		9.8
14	9.9	9.90		9.9
15	J			J

12.20

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

1916phae.proj.1021L

Friday, Feb. 18, 1916 Sheet No 273

11.30

Scale m MC 7923 Pole Series MC 457

	Sc.1		Sc.2	7928					P.C.	Sc.1	Sc.2	7928			Diff
				fr 42								fr 42			
5	B			B	.					4.1	4.5	4.20	4.30	10	10 2.19
6	1.1			B	1.30	a	.	581		5.3	5.5	5.20	5.35	15	15 1.76
8	2.3			2.5	2.50	0	0	573		6.7	6.9	7.10	7.00	10	10 1.23
9	2.7			3.0	2.95	1	0	588			7.7	7.5	7.60	1	1 1.23
10	2.8			3.0	3.00	0	0	602			7.9	7.8	7.85	1	0 1.17
11	3.5			3.5	3.60	1	1	595			8.5	8.5	8.50	0	0 1.05
12	3.6		B	3.8	3.80	0	0	606			8.9	8.5	8.70	2	2 1.16
13	4.1	4.30 0 0	4.3	4.40	4.35	05	05	595			9.5	9.1	9.30	2	2 1.00
14	4.7	5.00 1 1	5.1	5.15	5.08	08	07	557			9.6	9.5	9.55	0	1 1.10
15	5.5	5.60 1 1	5.5	5.50	5.55	05	05	553			9.8	9.7	9.75	0	1 1.33
16	5.7	5.80 1 1	5.7	6.00	5.90	10	10	550			J	9.9	9.90	.	a 1.50
17	5.9	6.00 1 1	5.9	6.00	6.00	00	00	563				7	.		.
18	6.7	6.90 0 0	6.9	6.80	6.85	05	05	521							
19	6.9	7.10 0 0	7.1	7.20	7.15	05	05	527							
20			7.5	7.5	7.50	0	0	523							
23			7.8	8.3	8.05	2	3	529							
25			8.7	8.5	8.60	1	1	527							
26			8.8	8.9	8.85	0	1	548							
27			9.1	9.1	9.10	0	0	559							
28			9.5	9.5	9.50	0	0	561							
29			J	9.9	9.90	.	a	576							

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

1916phae.proj.1021L

Friday, Feb. 18, 1916

Scale m MC 7923 (cont.) diff images

	Sc 1	Sc 2		Sc 1	Sc 2		7928 f43				Diff.
	3.7 g			3.7 h							
5	3.5	3.70	00	3.5			390	3.80	10	10	2.69
6	4.5 4.3	4.60	11	4.7 4.5			460	4.60	00	00	2.51
8	6.0 5.8	6.00	00	6.0 5.8			6.15	6.08	08	07	2.15
9	6.9 6.7	6.90	00	6.9 6.7			690	690	00	00	1.93
10	~~6.7~~	7.5	7.50	00	7.5		760	755	05	05	147
11		7.7	7.75	10	7.8		785	780	05	05	175
12		8.3	8.20	11	8.1		840	8.30	10	10	1.56
13		8.7	8.75	10	8.8		875	875	00	00	1.55
14		9.1	9.10	00	9.1		8.90	900	10	10	1.65
15		9.5	9.50	00	9.5		920	935	15	15	188
16		9.8	9.80	00	9.8		960	970	10	10	1.70
17		9.9	9.80	11	9.7		965	9.72	08	07	1.91
18		9.9	9.90	00	9.9		990	990	00	00	2.16
19		7			7		9.90	9.90	.	≈	252
							7	,			,

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

1916phae.proj.1021L

Copied B 10: 161

Friday, Feb. 18, 1916

Card.

Scale m MC 7924 Carte 6h -23.5° Alt. corr. -.50

	Sc.1	Sc.2	Cu.	Magn	Sc.1 P.C.	Sc.2	Cu	Magn
	1.7				6.9			
1	1.5		5.78	7.48	6.7 7.00 L1	7.1	1.30	8.40
2	2.3 2.1		5.87	8.17		7.3	1.24	8.54
3	2.9 2.7		5.95	8.85		8.3	1.10	9.40
4	3.5 3.3		6.00	9.50		8.7	1.05	9.75
5	3.7 3.5		5.96	9.66		9.3	1.08	10.38
6	3.9 3.7		5.94	9.84		9.7	1.25	10.95
7	4.7 4.5 4.70 00	4.7	5.75	10.45		9.9	1.41	11.31
8	5.7 5.5 5.60 1L	5.5	5.51	11.11		J	.	.
9	6.5 6.3 6.40 1L	6.3	5.34	11.74				
10	6.7 6.5 6.60 1L	6.5	3 5.81	11.91				
11	6.7 6.5 6.70 00	6.7	5.30	12.00				
12	6.7 6.5 6.75 L0	6.8	5.29	12.04				
13	7.1 6.9 7.10 00	7.1	5.26	12.36				
14		7.5	5.23	12.73				
15		7.5	5.23	12.73				
16		7.9	5.24	13.14				
17		7.9	5.24	13.14				
18		8.7	5.38	14.08				
19		9.1	5.47	14.57				
20		9.9	5.75	15.65				

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

1916phae.proj.1021L

Friday, Feb. 18, 1916

Scale m mc 7924 (cont.) diff. images alt. corr. −.50

	Sc.1 Sc.2	Sc1Sc2		
	g	h	Cu.	Magn
1	5.7 5.3	5.80 1 5.9 5.7	2.19	7.99
2	6.7 6.5	6.70 00 6.7 6.5	1.92	8.62
3	7.1 6.9	7.1 00 7.1 6.9	1.80	8.90
4	7.8	7.85 01 7.9	1.60	9.45
5	7 9	8.10 22 8.3	1.57	9.67
6	8.7	8.90 22 9.1	1.62	10.52
7	9.1	9.20 11 9.3	1.71	10.91
8	9.7	9.80 11 9.9	2.10	11.90
9	7	7	.	.

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

1916phae.proj.1021L

Friday, Feb. 18, 1916

Cond.

Scale m mC 7925 DM alt. corr. +.15

	Sc 1		Sc 2	Cw.	Magn	Sc 1	P.C.	Sc 2	Cw.	Magn
1	2.5 2.3			5.90	8.40			7.3	1.24	8.54
2	3.3 3.1			5.99	9.29			7.9	1.15	9.05
3	3.5 3.3			6.00	9.50			8.5	1.07	9.57
4	3.7 3.5			5.97	9.67			8.7	1.05	9.75
5	3.9 3.7			5.94	9.84			9.3	1.08	10.38
6	4.1 3.9	4.20 1 1	4.3	5.88	10.08			9.3	1.08	10.38
7	4.7 4.5	4.80 1 1	4.9	5.72	10.52			9.7	1.25	10.95
8	5.5 5.3	5.50 0 0	5.5	5.54	11.04			9.8	1.33	11.13
9	6.3 6.1	6.30 0 0	6.3	5.36	11.66					
10	7.1 6.9	7.10 0 0	7.1	5.27	12.37					
11	6.7 6.5	6.75 1 0	6.8	5.29	12.04					
12			7.5	5.23	12.73					
13			7.7	5.23	12.93					
14			7.9	5.24	13.14					
15			8.1	5.27	13.37					
16			8.5	5.34	13.84					
17			8.7	5.38	14.08					
18			8.9	5.41	14.31					
19			9.5	5.61	15.11					
20			9.7	5.69	15.39					

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

1916phae.proj.1021L

Friday, Feb. 18, 1916

Scale m mc 7925 (cont.) diff. images alt. corr. +.15

	Sc 1 Sc. 2	Sc 1 Sc 2		Cu.	Magn
	6.3 g		h		
1	6.	1646 L1	6.5	200	8.40
2	7.1 6.9	7.1 00	7.1 6.9	179	8.89
3		7.9 8.00 L1	8.1	158	9.58
4		7.9 8.00 L1	8.1	158	9.58
5		8.5 8.50 00	8.5	156	10.06
6		8.8 8.85 01	8.9	161	10.46
7		8.9 9.00 L1	9.1	164	10.64
8		9.5 9.50 00	9.5	186	11.36
9		9.9 9.90 00	9.9	220	12.10

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

1916phae.proj.1021L

Friday, Feb 18, 1916

Card.

Scale m MC 7926 Dm Alt. corr +11

	Sc 1		Sc 2	Cw.	Magn	Sc 1	P.C.	Sc 2	Cw.	Magn
	27									
1	2.5			5.92	8.62			7.5	1.20	8.70
	33									
2	3.1			6.00	9.30			8.7	1.05	9.75
	55									
2a	5.3	55° 00′	5.5	5.54	11.04			↓	.	.
	39									
3	3.7			5.94	9.84			8.5	1.08	9.58
	29									
1a	2.7			5.95	8.85			7.9	1.15	9.06
	45									
4	4.3	45° 00′	4.5	5.81	10.31			9.1	1.05	10.15
	50									
5	4.8	5.15 2′	5.3	5.63	10.78			9.3	1.08	10.38
	57									
6	5.5	5.10 00′	5.7	5.49	11.19			9.9	1.41	11.31
	63									
7	6.1	6.20 1′	6.1	5.38	11.58			↓	.	.
	67									
8	6.5	6.60 1′	6.5	5.31	11.91					
	71									
9	6.9	7.10 00′	7.1	5.27	12.37					
10			7.7	5.23	12.93					
11			8.5	5.34	1384					
12			8.3	5.30	13.60					
13			8.5	5.34	13.84					
14			8.8	5.39	14.19					
15			8.9	5.41	14.31					
16			9.1	5.47	14.57					
17			9.3	5.54	14.84					
18			9.5	5.61	15.11					
19			9.7	5.68	15.38					
20			9.8	5.72	15.52					
2	B					39 3.7				

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

1916phae.proj.1021L

Friday, Feb. 18, 1916

Scale m MC 7926 (cont.) diff. images Alt. corr. +11

	Sc.1 Sc.2	Sc.1 Sc.2		
	g	h	Cu.	Magn
2	3.5 3.7 3.70 00 3.7 3.5		2.72	6.42
1	6.1 6.3 6.30 00 6.3 6.1		2.03	8.33
1a	7.5 7.50 00 7.5		1.68	9.18
2	7.7 7.80 11 7.9		1.61	9.41
2a	9.5 9.55 10 9.6		1.90 ~~1.54~~	11.45
3	8.1 8.00 11 7.9		~~1.54~~ 1.58	9.58
4	8.5 8.60 11 8.7		1.54	10.14
5	8.9 8.90 00 8.9		1.62	10.52
6	9.5 9.50 00 9.5		1.86	11.36
7	9.9 9.90 00 9.9		2.20	12.10
8	7 7		.	.

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

1916phae.proj.1021L

Friday, Feb. 18, 1916

Card.

Scale m mc 7927 DM Alt. corr. +.22

	Sc.1		Sc.2	Cu.	Magn.	Sc.1	P.C.	Sc.2	Cu.	Magn.
	2.3					7.0				
1	2.1			5.87	8.17	6.8	695 0 1	6.9	1.32	8.27
	2.8									
2	2.6			5.94	8.74			7.8	1.17	8.97
	3.7									
3	3.5			5.97	9.67			8.5	1.07	9.57
	4.0									
4	3.8		B	591	9.91			8.9	1.04	9.94
	4.3									
5	4.1	4.3 0 0	4.3	5.86	10.16			9.1	1.06	10.16
	5.3									
6	5.1	5.40 1 1	5.5	5.56	10.96			9.8	1.33	11.13
	6.0 5.8									
7	6.1	5.95 0 1	5.9	5.44	11.39					
	6.5									
8	6.3	6.50 0 0	6.5	5.34	11.84					
	6.9									
9	6.7	6.80 1 1	6.7	5.29	12.09					
	7.1									
10	6.9	7.10 0 0	7.1	5.27	12.37					
11			7.5	5.23	12.73					
12			7.7	5.23	12.93					
13			8.1	5.27	13.37					
14			8.1	5.27	13.37					
15			8.5	5.34	13.84					
16			8.8	5.39	14.19					
17			9.1	5.47	14.57					
18			9.3	5.54	14.84					
19			9.8	5.72	15.52					
20			9.9	5.75	15.65					

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

1916phae.proj.1021L

Friday, Feb. 18, 1916

Scale m | mc 7927 | (cont.) | diff. images | Alt. corr. +.22

	Sc.1	Sc.2	Sc1 Sc2	h	Cu	Magn
1	5.96	7.0 6.70	6.1	6.1 6.3	2.06	8.26
2	6.8	7.00	7.0 6.8		1.82	8.82
3	7.8	7.80	7.8		1.61	9.41
4	8.5	8.50	8.5		1.55	10.05
5	~~9.3~~ 8.8	8.75	8.7		1.60	10.35
6	9.5	9.50	9.5		1.86	11.36
7	9.7	9.75	9.8		2.05	11.80
8	〃	〃				

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

1916phae.proj.1021L

Friday, Feb. 18, 1916

Scale m mc 7928 Polo

	Sc.1		Sc.2
5	B		
6	B		
8	2.5 2.3		
9	3.0 2.8		
10	3.0 2.8		
11	3.5 3.3		
12	3.8 3.6		B
13	4.5 4.3	440 1 1	4.3
14	5.0 4.8	515 2 1	5.3
15	5.5 5.3	550 0 0	5.5
16	5.9 5.7	600 1 1	6.1
17	6.1 5.9	600 1 1	5.9
18	6.7 6.5	680 1 1	6.9
19	7.1 6.9	720 1 1	7.3
20			7.5
23			8.3
25			8.5
26			8.9
27			9.1
28			9.5
29			9.9

Sc.1	P.C.	Sc.2
4.1 3.9	420 1 1	4.3
5.1 4.9	520 1 1	5.3
7.1 6.9	710 0 0	7.1
		7.5
		7.8
		8.5
		8.5
		9.1
		9.5
		9.7
		9.9
		7

See p. 32

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

1916phae.proj.1021L

Friday, Feb. 18, 1916

Scale m mc 7928 (cont.) diff. images.

	Sc.1	Sc.2	Sc.1 Sc.2
			g h
5	3.7	3.9	3.9 3.7
6	4.3	4.6	4.5 4.7 4.5
8	5.7	6.1	5.9 6.4 6.2
9	6.9	6.9	6.9 6.9
10	7.5	7.6	7.7 7.7
11	7.8	7.8	8.0 ~~8.3~~
12	8.3	8.4	8.5 8.5
13	8.8	8.7	8.7 8.7
14	8.9	8.9	8.9 8.9
15	9.1	9.2	9.3 9.3
16	9.7	9.6	9.5 9.5
17	9.8	9.6	9.5 9.5
18	9.9	9.9	9.9 9.9
19	9.9	9.9	9.9 9.9
20	J	J	

1.30

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

1916phae.proj.1021L

9.15

Tuesday, Feb. 22, 1916

Sheet No 275

Scale m | MC 7928 | Pole | Series MC 457

	Sc.1	Sc.2	7934 p56		Diff	Sc.1	P.C.	Sc.2	7934 p56		Diff
5	B		.	.	.	4.7 5.5	4.70 00	4.7	4.20	4.45	25 25 204
6	B		.	.	.	5.5	5.70 00	5.7	5.15	5.42	28 27 169
8	2.3		2.3	2.40	1 1 583			7.3	7.10	7.20	10 10 103
9	2.7		2.7	2.80	1 1 603			7.8	7.8	7.80	0 0 1.03
10	2.9		2.9	3.00	1 1 602			7.9	7.9	7.90	0 0 1.12
11	3.3		3.3	3.40	1 1 615			8.7	8.8	8.75	1 0 0.80
12	3.7	B	3.7	3.80	1 1 606			8.7	9.1	8.90	2 2 0.96
13	4.5	4.5	4.60	4.60	0000 570			9.5	9.3	9.40	1 1 0.90
14	4.8 5.05 01	5.1	4.80	4.92	13 12 573			9.5	9.5	9.50	0 0 1.15
15	5.5 5.60 1 1	5.5	5.50	5.55	05 05 553			9.9	9.8	9.85	1 0 1.23
16	6.3 6.40 1 1	6.3	5.85	6.12	28 27 528			7	9.9	9.90	0 0 1.50
17	6.5 6.60 1 1	6.5	6.40	6.50	10 10 513				7	.	.
18	6.7 7.00 1 1	7.1	6.60	6.80	20 20 526						
19		7.5	7.5	7.50	0 0 492						
20		7.7	7.8	7.75	1 0 498						
23		8.5	8.1	8.30	2 2 504						
25		8.7	8.7	8.70	0 0 517						
26		9.1	9.3	9.20	1 1 513						
27		9.3	9.5	9.40	1 1 529						
28		9.5	9.5	9.50	0 0 561						
29		9.9	7	9.90	2 1 576						

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

1916phae.proj.1021L

Tuesday, Feb. 22, 1916

Scale m MC 7928 (cont.) diff. images

	Sc 1	Sc 2		Sc 1	Sc 2				Diff.
	g	h							
	39								
5	3.7	3.85	10	3.8	3.6	3.70	3.78	07	08	2.71
	45					7				
6	4.3	4.60	11	4.7	4.5	4.80	4.65	05	05	2.46
	60									
8	5.8	6.15	21	6.3	6.1	6.60	6.38	23	22	1.85
	7.1									
9	6.9	7.05	10	7.0	6.8	7.00	7.02	03	02	1.81
10	7.7	7.70	00	7.7		7.50	7.60	10	10	1.42
11	7.9	8.10	22	8.3		8.00	8.05	05	05	1.50
12	8.1	8.28	22	8.5		8.60	8.45	15	15	1.41
13	8.7	8.70	00	8.7		8.80	8.75	05	05	1.55
14	9.1	9.10	00	9.1		9.30	9.20	10	10	1.45
15	9.1	9.30	22	9.5		9.50	9.40	10	10	1.68
16	9.7	9.70	00	9.7		9.80	9.75	05	05	1.65
17	9.8	9.85	00	9.8		9.85	9.82	02	03	1.81
18	9.9	9.90	00	9.9		9.90	9.90	00	00	2.16
19	9.9	9.90	09	9.9		7	990	a	.	2.52
20	J			J		.	.			.

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

1916phae.proj.1021L

Copied B10:162

Tuesday, Feb. 22, 1916

Card.

Scale m | MC 7929 | Carte | 8h -23.5 | Alt. corr. -44

	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
1	B				4.5 4.3	4.50 00	4.5	2.03	6.53
2	1.5				6.0 5.8	6.05 01	6.1	1.49	7.54
3	2.5 2.3		5.96	8.46	7.0 6.8	6.95 01	6.9	1.18	8.13
4	2.9 2.7		6.05	8.95			7.5	1.04	8.54
5	2.8 2.6		6.03	8.83			8.3	0.95	9.25
6	3.7 3.5		6.02	9.72			8.8	0.92	9.72
7	3.7 3.5		6.02	9.72			8.8	0.92	9.72
8	4.3 4.1 47° 1'	4.1	5.89	10.09			9.5	1.10	10.60
9	4.7 4.5 49° 2'	5.1	5.66	10.56			9.7	1.21	10.91
10	5.7 5.5 57° 00	5.7	5.43	11.13			J.P. ~~9~~ 7.6		
11	5.9 5.7 59° 00	5.9	5.37	11.27					
12	6.5 6.3 65° 00	6.5	5.18	11.68					
13	6.9 6.7 69° 00	6.9	5.10	12.00					
14		7.5	5.03	12.53					
15		7.7	5.02	12.72					
16		7.9	5.02	12.92					
17		8.1	5.04	13.14					
18		8.3	5.06	13.36					
19		8.9	5.24	14.14					
20		9.3	5.40	14.70					
21		9.8	5.75	15.55					
22		9.9	5.85	15.75					

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

1916phae.proj.1021L

Tuesday, Feb. 22, 1916

Scale m mc 7929 (cont.) diffraction images Alt. corr. -44

	Sc 1	Sc 2	Sc 1 Sc 2	R	magn
			g h		
1	3.5	3.70	3.5	2.12	6.42
2	5.3	5.30	4.9	2.21	7.51
3	5.8	6.05	5.9	1.96	8.01
4	7.3	7.30	7.3	1.58	8.88
5	7.3	7.30	7.3	1.58	8.88
6	7.9	8.10	8.3	1.47	9.57
7	8.1	8.10	8.1	1.47	9.57
8	8.9	8.00	9.1	1.50	10.50
9	9.1	9.30	9.5	1.58	10.88
10	9.9	J.P.			
11	J.P.	J.P.			

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

1916phae.proj.1021L

Tuesday. Feb. 22, 1916

Scale m — MC 7930 — DM — Alt. corr. +.15

	Sc 1		Sc 2	Cu	magn	Sc 1	P.C.	Sc 2	Cu	magn
1	2.5 2.3			5.96	8.46			7.5	1.04	8.54
2	3.1 2.9			6.06	9.16			8.5	0.92	9.42
3	3.9 3.7			5.96	9.86			8.9	0.93	9.83
4	4.0 3.8	4.05 .01	4.1	5.94	9.99			9.1	0.96	10.06
5	4.5 4.3	4.60 .11	4.7	5.77	10.37			9.5	1.10	10.60
6	5.7 5.5	5.60 .11	5.5	5.47	11.07			9.9	1.40	11.30
7	5.7 5.5	5.70 .00	5.7	5.44	11.14			?7		
8	6.5 6.3	6.50 .00	6.5	5.17	11.67					
9	7.1 6.9	7.10 .00	7.1	5.07	12.17					
10	7.1 6.9	7.10 .00	7.1	5.07	12.17					
11			7.7	5.02	12.72					
12			7.9	5.02	12.92					
13			8.1	5.04	13.14					
14			8.5	5.10	13.60					
15			8.5	5.10	13.60					
16			8.7 9.1	5.15	13.85					
17			8.8	5.19	13.99					
18			9.1	5.33	14.43					
19			9.5	5.55	15.05					
20			9.8	5.75	15.55					

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

1916phae.proj.1021L

Tuesday. Feb. 22, 1916

Scale m | MC 7930 | cont. | diff. images | Act. corr. +.15

	Sc1	Sc2	Sc1Sc2	Cu	magn
1	6.5	6.70	6.5	1.75	8.45
2	7.3	7.40	7.5	1.57	8.97
3	8.5	8.50	8.5	1.44	9.94
4	8.6	8.65	8.7	1.45	10.10
5	8.7	8.80	8.9	1.47	10.27
6	9.5	9.50	9.5	1.66	11.16
7	9.7	9.75	9.8	1.93	11.68
8	9.9	9.90	9.9	2.17	12.07
9	9.9	〃			
10	〃	〃			

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

1916phae.proj.1021L

Tuesday, Feb. 22, 1916 Card.

Scale m mc 7931 DM Alt. cor +.22

	Sc.1	Sc.2	Cu	magn	Sc.1	P.C	Sc.2	Cu	magn
1	2.7 2.5		6.00	8.70			8.1	0.97	9.67
2	2.9 2.7		6.05	8.95			8.7	0.92	9.62
3	3.9 3.7		5.96	9.86			9.1	0.96	10.06
4	4.0 3.8		5.94	9.94			9.5	1.10	10.60
5	4.7 4.5	4.90 3 2	5.1	5.66	10.56		9.8	1.31	11.11
6	5.1 4.9	4.95 1 2	4.8	5.96	10.91		9.7	1.21	10.91
7	5.5 5.3	5.50 0 0	5.5	5.48	10.98		9.9	1.40	11.30
8	5.7 5.5	5.70 0 0	5.7	5.43	11.13		9.9	1.40	11.30
9	6.5 6.3	6.50 0 0	6.5	5.17	11.67				
10	6.5 6.3	6.50 0 0	6.5	5.18	11.68				
11			7.5	5.03	12.53				
12			7.7	5.02	12.72				
13			7.8	5.02	12.82				
14			8.3	5.06	13.36				
15			8.5	5.10	13.60				
16			8.7	5.15	13.85				
17			9.3	5.40	14.70				
18			9.3	5.40	14.70				
19			9.5	5.55	15.05				
20			9.9	5.65	15.75				

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

1916phae.proj.1021L

Tuesday, Feb. 22, 1916

Scale m MC 7931 (cont.) diff. mags Abt. corr. +.22

	Sc1Sc2	Sc1Sc2	Cu	magn
		g h		
1	6.7	7.00 ±1 (6.9 7.1)	1.66	8.66
2	7.8	7.95 ±1 8.1	1.48	9.43
3	8.5	8.50 ·· 8.5	1.44	9.94
4	8.8	8.80 ·· 8.8	1.47	10.27
5	9.1	9.20 ±1 9.3	1.55	10.75
6	8.9	9.00 ±1 9.1	1.50	10.50
7	9.5	9.50 ·· 9.5	1.66	11.16
8	9.5	9.60 ±1 9.7	1.75	11.35
9	9.9	9.90 ·· 9.9	2.17	12.07
10	9.9	9.90 ·· 9.9	2.17	12.07
11	↓	↓		

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

1916phae.proj.1021L

Tuesday, Feb. 22, 1916 Cands.

Scale m MC 7932 Eros C. S. Alt cor. +.21

	Sc.1		Sc.2	Cn	Magn	Sc.1	P.C.	Sc.2	Cn	Magn
	2.9									
1	2.7			6.05	8.95			8.1	0.97	9.07
	3.5									
2	3.3			6.05	9.55			8.7	0.92	9.62
	4.3									
3	4.1	4.30	4.3	5.85	10.15			9.3	1.01	10.31
	5.3									
4	5.1	5.30	5.3	5.54	10.84			9.5	1.10	10.60
	6.0									
5	5.8	5.90	5.8	5.37	11.27			9.9	1.40	11.30
	7.0									
6	6.8	6.85	6.7	5.11	11.96			7		
7			7.5	5.03	12.53					
8			8.5	5.10	13.60					
9			8.5	5.10	13.60					
10			8.9	5.24	14.14					
11			9.3	5.40	14.70					
12			9.5	5.55	15.05					
13			9.5	5.55	15.05					
14			9.8	5.75	15.55					
15			7							

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

1916phae.proj.1021

Tuesday, Feb. 22, 1916

Scale m MC 7932 (cont.) diff. images Alt. corr. + 21

	Sc 1	Sc 2	Sc 1 Sc 2		
	g		h		
1	7.0	7.25	7.3	1.60	8.85
2	7.9	8.10	8.3	1.47	9.57
3	8.5	8.60	8.7	1.45	10.05
4	9.1	9.10	9.1	1.53	10.63
5	9.7	9.60	9.5	1.75	11.35
6	9.9	9.90	9.9	2.17	12.07
7	n.s				

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

1916phae.proj.1021L

Tuesday, Feb. 22, 1916

Card.

Scale m

MC 7933 Eros. Comp. Stars.

Alt. corr. +.22

	Sc.1		Sc.2			Sc.1	P.C.	Sc2		
1	3.3 3.1			6.06	9.36			8.8	0.92	9.72
2	4.1 3.9	4.30	32 45	5.85	10.15			9.5	1.10	10.60
3	4.7 4.5	5.00	33 5.3	5.63	10.63			9.8	1.31	11.11
4	7.1 6.9	7.10	00 7.1	5.07	12.17					
5			7.3	5.05	12.35					
6			7.9	5.02	12.92					
7			8.1	5.04	13.14					
8			8.5	5.10	13.60					
9			8.9	5.24	14.14					
10			8.7	5.15	13.85					
11			9.1	5.33	14.43					
12			9.1	5.33	14.43					
13			9.5	5.55	15.05					
14			9.9	5.85	15.75					
15			9.9	5.85	15.75					

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

1916phae.proj.1021L

Tuesday, Feb. 22, 1916.

Scale m — MC 7933 (cont.) — diff. images Alt. corr. +.22

	Sc.1 Sc.2 g	Sc1Sc2 h		
1	7.9 →	7.90 00	7.9	1.49 9.39
2	8.8	8.80 00	88	1.47 10.27
3	9.1	9.20 +1	9.3	1.55 10.75
4	7		7	

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

1916phae.proj.1021L

Tuesday, Feb. 22, 1916

Scale m MC 7934 Pole

	Sc.1	Sc.2
5	B	
6	B	
8	2.1	
9	2.5	
10	2.7	
11	3.1	
12	3.5	B
13	4.5 460 11	4.5
14	4.7 480 11	4.7
15	5.3 550 00	5.5
16	5.7 585 10	5.8
17	6.3 640 11	6.3
18	6.5 660 11	6.5
19		7.5
20		7.8
23		8.1
25		8.7
26		9.3
27		9.5
28		9.5
29		↓

Sc.1		Sc.2
4.1 3.9	420 11	4.3
5.0 4.8	515 21	5.3
7.1 6.9	710 00	7.1
		7.8
		7.9
		8.8
		9.1
		9.3
		9.5
		9.8
		9.9
		↓

Sc fr 44

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

1916phae.proj.1021L

Tuesday, Feb. 22, 1916

Scale m MC 7934 (cont.) diff. images

	Sc 1 Sc 2 g	Sc 1 Sc 2 h
5	3.7 3.5	3.7 3.5
6	4.7 4.5	4.7 4.5
8	6.5 6.3	6.7 6.5
9	7.0 6.8	7.0 6.8
10	7.5	7.5
11	8.1	7.9
12	8.5	8.7
13	8.8	8.8
14	9.3	9.3
15	9.5	9.5
16	9.8	9.8
17	9.8	9.9
18	9.9	9.9
19	∓	∓
20		

11.15

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

1916phae.proj.1021L

Friday, March. 3, 1916

11.25

Sheet no 275

Scale m | MC 10213 | Pole | Series MC 621

	Sc.1		Sc.2	10218 P66		Sc.1	P.C.		Sc.2			
5	B					4.7 4.5	4.60	1 1	4.5	4.40	4.50	10 10 1.99
6	B					5.5 5.3	5.50	0 0	5.5	5.30	5.40	10 10 1.71
8	2.5 2.3			2.3 2.40	1 1 5.83	7.0 6.8	7.05	0 1	7.1	6.90	6.98	07 05 1.25
9	2.9 2.7			2.7 2.80	1 1 6.03				7.9	7.8	7.85	10 0.98
10	3.0 2.8			2.7 2.85	2 1 6.17				7.7	7.9	7.80	1 1 1.22
11	3.5 3.3			3.1 3.30	2 2 6.25				8.5	8.5	8.50	0 0 1.05
12	3.9 3.7		B	3.3 3.60	3 3 6.26				8.8	8.8	8.80	0 0 1.06
13	4.7 4.5	4.70	0 0 4.7	4.0 4.35	35 35 5.95				9.3	9.5	9.40	1 1 0.90
14	5.3 5.1	5.30	0 0 5.3	4.90 5.10	20 20 5.55				9.6	9.8	9.70	2 1 0.95
15	5.8 5.6	5.65	2 1 5.5	5.20 5.42	22 22 5.66				9.9	9.9	9.90	0 0 1.18
16	6.3 6.1	6.20	1 1 6.1	5.85 6.02	17 17 5.38				J			
17	6.7 6.5	6.60	1 1 6.5	6.30 6.45	15 15 5.18							
18	7.1 6.9	7.10	0 0 7.1	6.90 7.00	10 10 5.06							
19			7.5	7.3 7.40	1 1 5.02							
20			7.7	7.7 7.70	0 0 5.03							
23			8.5	8.5 8.50	0 0 4.84							
25			8.9	8.9 8.90	0 0 4.97							
26			9.3	9.4 9.35	1 0 4.98							
27			9.5	9.5 9.50	0 0 5.19							
28			9.8	9.9 9.85	0 1 5.26							

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

1916phae.proj.1021L

Friday, March. 3, 1916

Scale m mc 10213 (cont.) diff. images

	Sc1 : Sc2 g	Sc1 Sc2 h		
5	3.8 4.15 4.1	3.90 4.02		2.17
6	4.8 5.25 4.9	4.70 4.88		2.23 8.94
8	6.6 6.85 6.7	6.65 6.75		1.48
9	7.5 7.50 7.5	7.50 7.50		1.58
10	7.7 7.70 7.7	7.65 7.68		1.84
11	8.3 8.30 8.3	8.40 8.35		1.20
12	8.5 8.50 8.5	8.75 8.62		1.88
13	8.9 9.00 9.1	9.20 9.10		1.20
14	9.3 9.35 9.4	9.50 9.42		1.23
15	9.5 9.50 9.5	9.75 9.62		1.46
16	9.5 9.55 9.6	9.90 9.72		1.68
17	9.9 9.90 9.9	9.9 9.90		1.73
18	? ?			

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

1916phae.proj.1021L

Ser 621

Friday, March 3, 1916

Card

Scale m | mC 10214 | DM | 11 29.8 − 17.5 | Alt. corr. −24

	Sc.1		Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
						5.7				
1	1.3					5.5	5.60	5.5	1.64	7.24
2	3.3			6.23	9.73			8.7	0.98	9.68
3	3.5			6.19	9.89			9.3	0.98	10.28
4	3.7			6.13	10.09			9.5	1.02	10.52
5	4.3	4.50	4.5	5.90	10.40			9.8	1.06	10.86
6	5.3	5.40	5.3	5.59	10.97			F		
7	5.6	5.75	5.7	5.44	11.19					
8	6.5	6.70	6.7	5.13	11.83					
9	6.9	7.10	7.1	5.05	12.15					
10	6.5	6.60	6.5	5.17	11.77					
11			7.6	4.98	12.59					
12	~~6.9~~		7.3	5.02	12.32					
13			7.9	4.94	12.84					
14			8.1	4.91	13.01					
15			8.3	4.90	13.20					
16			8.5	4.90	13.40					
17			9.1	4.95	14.05					
18			9.3	5.00	14.30					
19			9.6	5.12	14.72					
20			F							

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

1916phae.proj.1021L

Friday, March 3, 1916

Scale m MC 10214 (cont.) diff. images Alt. corr. -.24

	Sc.1 Sc.2 g	Sc.1 Sc.2 h	Cu	magn
1	4.9 (5.1)	4.8 (5.0)	2.16	9.21
2	8.3 (8.30)	8.3	1.21	9.51
3	8.8 (8.85)	8.9	1.20	10.05
4	8.9 (9.00)	9.1	1.21	10.21
5	9.6 (9.65)	9.7	1.49	11.14
6	9.7 (9.75)	9.8	1.60	11.35
7	9.9 (9.90)	9.9	1.87	11.74
8	J	J		

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

1916phae.proj.1021L

Friday, March. 3, 1916

Ser 621

Card.

Scale m | MC 10215 | DM | 11 30 -7.5 | Alt. corr. -.05

	Sc. 1		Sc. 2	Cu	Magn	Sc. 1 & P.C.	Sc. 2	Cu	Magn
	2.7								
1	2.5			6.09	8.79		7.3	1.18	8.48
	3.3								
2	3.1			6.23	9.53		8.1	1.04	9.14
	3.7								
3	3.5			6.19	9.89		8.9	0.98	9.88
	5.1								
4	4.9	5.20	5.3	5.65	10.85		9.6	1.03	10.63
	5.9								
5	5.7	5.80	5.7	5.43	11.23		9.9	1.09	10.99
	6.0								
6	5.8	5.90	5.8	5.39	11.29		9.9	1.09	10.99
	6.7								
7	6.5	6.60	6.5	5.17	11.77				
	6.9								
8	6.7	6.90	6.9	5.08	11.98				
9			7.3	5.02	12.32				
10			7.5	4.98	12.48				
11			8.3	4.90	13.20				
12			8.3	4.90	13.20				
13			8.5	4.90	13.40				
14			8.5	4.90	13.40				
15			8.9	4.92	13.82				
16			9.3	5.00	14.30				
17			9.3	5.00	14.30				
18			9.5	5.08	14.58				
19			9.5	5.08	14.58				
20			9.9	5.25	15.15				

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

1916phae.proj.1021L

Friday, March 3, 1916

Scale m MC 10215 (cont.) diff. images . Alt. corr. -.05

	Sc.1 Sc.2	Sc.1 Sc.2	Cu	magn
		g h		
1	6.5	6.70 6.90 6.7	1.50	8.30
2	7.5	7.50 7.5	1.33	8.83
3	8.3	8.30 8.3	1.21	9.51
4	9.3	9.30 9.3	1.28	10.58
5	9.5	9.50 9.5	1.35	10.85
6	9.8	9.80 9.8	1.70	11.50
7	9.9	9.90 9.9	1.87	11.77
8	J	J		

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

1916phae.proj.1021L

Friday, March. 3, 1916

Card

Copied B 7:174

Scale m | mc 10 2 17 | 32 Kd | 12 55 +28.6 | alt. corr. +.21

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	B				4.5 5.9	5.30 3 2	5.5	1.74	7.04
2	~~B~~ 2.5				5.5 5.3	5.50	5.5	1.68	7.18
3	2.3		6.00	8.50	7.0 6.8	6.95 0 1	6.9	1.25	8.20
4	2.1 1.9				6.9 6.7	6.85 1 0	6.8	1.28	8.13
5	3.5 3.3		6.23	9.73			8.8	0.98	9.78
6	3.7 3.5	B	6.19	9.89			8.9	0.98	9.88
7	4.5 4.3	4.50 0 0 45	5.91	10.41			9.6	1.03	10.63
8	5.19 ~~4.8~~	5.20 1 1 5.3	5.65	10.85			9.5	1.02	10.52
9	5.0 4.8	4.95 0 1 4.9	5.73	10.68			9.8	1.06	10.86
10	5.9 5.7	5.85 1 0 5.8	5.42	11.27			9.9	1.09	10.99
11	6.9 6.7	6.70 2 3 6.5	5.13	11.83					
12		7.5	4.98	12.48					
13		7.8	4.95	12.75					
14		7.8	4.95	12.75					
15		8.3	4.90	13.20					
16		8.7	~~4.90~~ 4.90	13.60 ~~9.68~~					
17		8.8	~~0.98~~ 4.91	13.71					
18	def.								

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

1916phae.proj.1021L

Friday, March 3, 1916

Scale m MC 10217 (cont.) diff. images Alt. corr. + .21

gn		Sc 1 Sc 2	Sc 1 Sc 2	Cu	magn.
04	1	3.9 4.1 4.10	3.9 4.1	2.50	7.60
18	2	5.1 5.3 5.15	4.8 5.0	2.11	7.26
20	3	6.5 6.7 6.70	6.5 6.7	1.53	8.23
13	4	6.3 6.5 6.60	6.5 6.7	1.56	8.16
78	5	8.5 8.50	8.5	1.20	9.70
88	6	8.5 8.60	8.7	1.20	9.80
63	7	9.3 9.30	9.3	1.28	10.58
52	8	9.5 9.60	9.7	1.44	11.04
86	9	9.5 9.55	9.6	1.40	10.95
9	10	9.9	7	1.87	11.77

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

1916phae.proj.1021L

Friday, March 3, 1916

Scale m mc 10218 Pole

	Sc.1	Sc.2
5	B	
6	B	
8	2.1	
9	2.5	
10	2.5	
11	2.9	
12	3.1	
13	3.8	B
14	4.8	4.90 5.1
15	4.9	5.20 5.3
16	5.7	5.85 5.8
17	6.1	6.30 6.3
18	6.7	6.90 6.9
19		7.3
20		7.7
23		8.5
25		8.9
26		9.4
27		9.5
28		9.9

Sc.1	P.C.	Sc.2
4.1	4.40	4.5
5.1	5.30	5.3
6.7	6.90	6.9
		7.8
		7.9
		8.5
		8.8
		9.5
		9.8
		9.9
		7

See page 58

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

1916phae.proj.1021L

Friday, March 3, 1916

Scale m	mc 10218 (cont.)			diff. images
	Sc. 1	Sc. 2	Sc. 1 Sc. 2	
	g		h	
5	3.7	3.90	3.7	
6	4.5	4.70	4.5	
8	6.6	6.65	6.3	
9	7.5	7.50	7.5	
10	7.6	7.65	7.7	
11	8.3	8.40	8.5	
12	8.7	8.75	8.8	
13	9.1	9.20	9.3	
14	9.5	9.50	9.5	
15	9.8	9.75	9.7	
16	9.9	9.90	9.9	
17	9.9		∇	

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

1916phae.proj.1021L

Friday, March 3, 1916

Copied B10: 105

Cond

Scale m mc 10221 Carte 14 59.7 +10.0 Alt. corr. +.08

	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
	1.9				6.4	6.55 0.1	6.5	1.36	7.91
1	1.7								
	2.0				6.9				
2	1.8				6.7	6.80 11	6.7	1.30	8.10
	2.8								
3	2.6		6.13	8.93			7.8	1.10	8.90
	2.9								
4	2.7		6.16	9.06			7.9	1.08	8.98
	2.9								
5	2.7		6.16	9.06			8.4	1.00	9.40
	3.9								
6	3.7	B	6.13	10.03			9.3	0.98	10.28
	3.9								
7	3.7	B	6.13	10.03			9.1	0.98	10.08
	4.7								
8	4.5	5.00 3.3	5.3	5.72	10.72		9.9	1.09	10.99
	5.7								
9	5.5	5.70 0.0	5.7	5.47	11.17				
	6.7								
10	6.5	6.70 0.0	6.7	5.13	11.83				
	7.1								
11	6.9	7.10 0.0	7.1	5.05	12.15				
12			7.7	4.96	12.66				
13			7.8	4.95	12.75				
14			8.3	4.90	13.20				
15			7.9	4.94	12.84				
16			8.8	4.91	13.71				
17			9.1	4.95	14.05				
18			9.3	5.00	14.30				
19			9.3	5.00	14.30				
20			9.9	5.25	15.15				

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

1916phae.proj.1021L

Friday, March. 3, 1916

Scale m | MC 10221 (cont.) | diff. images Alt. corr. +.08

	Sc 1	Sc 2	Sc 1 / Sc 2	Cu	magn
		g	h		
1	5.3	5.50	5.3	1.97	7.47
2	5.9	6.05	5.8	1.75	7.80
3	6.7	7.00	6.9	1.44	8.44
4	7.3	7.30	7.3	1.37	8.67
5	7.7	7.70	7.7	1.30	9.00
6	8.7	8.80	8.9	1.20	10.00
7	8.9	8.85	8.8	1.20	10.05
8	9.5	9.50	9.5	1.35	10.85
9	9.9	9.90	9.9	1.87	11.77
10	7		7		

1.00

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

1916phae.proj.1021L

Tuesday, March 7, 1916

10.05

Sheet no 298

Scale m

MC 9521 Pole

	Sc.1		Sc.2	9526 P80		Sc.1	P.C.	Sc.2		
5	B					4.9 4.7	$5.00^{\perp 1}$	5.1	$5.15\ 5.08^{05\ 07}$	1.41
6	1.5 1.3					5.9 5.7	$6.00^{\perp 1}$	6.1	$5.75\ 5.88^{12\ 13}$	1.23
8	2.7 2.5			$2.5\ 2.60^{1\perp}$	5.63			7.5	$7.5\ 7.50^{00}$	0.73
9	3.0 2.8			$2.9\ 2.95^{0\perp}$	5.85			8.5	$8.1\ 8.30^{2\ 2}$	0.53
10	3.3 3.1			$3.1\ 3.20^{1\perp}$	5.82			8.8	$8.5\ 8.65^{2\perp}$	0.97
11	3.9 3.7		B	$3.7\ 3.80^{1\perp}$	5.75			9.3	$9.1\ 4.20^{1\perp}$	0.25
12	4.7 4.5	$4.70^{\cdot 0}$	4.7	$4.30\ 4.50^{20\ 20}$	5.36			9.5	$9.8\ 9.65^{\perp 2}$	0.21
13	5.1 4.9	$5.20^{\perp 1}$	5.3	$5.00\ 5.10^{10\ 10}$	5.20			9.9	$9.7\ 9.80^{1\perp}$	0.50
14	5.7 5.5	5.70^{00}	5.7	$5.30\ 5.50^{20\ 20}$	5.15			J.		
15	6.3 6.1	$6.20^{1\perp}$	6.1	$5.80\ 6.00^{20\ 20}$	5.08					
16	6.9 6.5	$6.60^{\perp 1}$	6.5	$6.50\ 6.55^{05\ 05}$	4.85					
17	6.9 6.7	6.90^{00}	6.9	$6.90\ 6.90^{00\ 00}$	4.73					
18			7.5	$7.4\ 7.45^{10}$	4.61					
19			7.9	$7.7\ 7.80^{1\perp}$	4.62					
20			8.3	$8.3\ 8.30^{00}$	4.43					
23			8.7	$8.7\ 8.70^{00}$	4.64					
25			9.1	$9.3\ 9.20^{\perp 1}$	4.67					
26			9.7	$9.5\ 9.60^{1\perp}$	4.73					
27			9.8	$9.8\ 9.80^{00}$	4.59					
28			J							

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

1916phae.proj.1021L

Tuesday, March 7, 1916

Scale m mc 9521 (cont.) diff. images

	Sc.1	Sc.2	Sc.1	Sc.2			
	g		h				
5	4.7 4.5	4.70	0.0	4.7 4.5	4.60	4.65	0.5 0.5	1.84
6	3.1 4.9	5.05	1.0	6.0 4.8	5.70	5.38	3.3 3.2	1.73
8	7.0 6.8	6.95	0.1	6.9 6.7	7.20	7.08	1.3 1.2	1.15
9		7.7	7.80	1.1 7.9	7.75	7.78	0.2 0.3	1.05
10		7.9	8.00	1.1 8.1	8.15	8.08	0.5 0.7	0.94
11		8.7	8.70	0.0 8.7	8.65	8.68	0.2 0.3	0.87
12		9.3	9.20	1.1 9.1	8.95	9.08	1.2 1.3	0.75
13		9.5	9.50	0.0 9.5	9.30	9.40	1.0 1.0	0.90
14		9.6	9.65	0.1 9.7	9.90	9.78	1.3 1.2	0.87
15		9.9	9.90	0.0 9.9	9.90	9.90	0.0 0.0	1.18
16		J		J				

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

1916phae.proj.1021L

Tuesday, March. 7, 1916

Copied B 10:160

Scale m mc 9522 Carte 3. 59.7 -23.5 Alt. corr. -.45

	Sc.1		Sc.2	Cu	Magn	Sc.1 P.C.	Sc.2	Cu	Magn
	2.4								
1	2.6			5.83	8.63		8.3	0.50	8.80
	3.0								
2	2.8			5.81	8.81		9.1	0.36	9.46
	3.7								
3	3.5			5.67	9.37		9.5	0.36	9.86
	4.3								
4	4.1	4.30.0	4.3	5.50	9.80		9.8	0.39	10.19
	5.0								
5	4.8	5.15.1	5.3	5.24	10.39				
	5.5								
6	5.3	5.50.0	5.5	5.14	10.64				
	6.5								
7	6.3	6.30.2	6.1	4.93	11.23				
	6.9								
8	6.7	6.85.0	6.8	4.78	11.63				
9			7.3	4.65	11.95				
10			7.6	4.60	12.20				
11			7.8	4.57	12.37				
12			8.2	4.55	12.75				
13			8.5	4.56	13.06				
14			8.5	4.56	13.06				
15			8.7	4.58	13.28				
16			8.7	4.58	13.28				
17			9.3	4.70	14.00				
18			9.1	4.65	13.75				
19			9.1	4.65	13.75				
20			9.9	4.90	14.50				

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

1916phae.proj.1021L

Scale m MC 9522 (cont.) diff. images Alt. corr. -.45

	Sc.1 Sc.2 g	Sc.1 Sc.2 h	Cu	Magn
1	7.5	7.5	1.08	8,58
2	8.5	8.5	0.90	9,40
3	8.8	8.8	0.87	9,67
4	9.4	9.7	0.93	10,48
5	9.9	9.9	1.06	10,96
6	7	7		

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

1916phae.proj.1021L

Tuesday, March. 7, 1916

Copied B 10: 136

Cards

Scale m mc 9523 Carte 4 00 −10.0 alt. corr. −.08

	Sc.1		Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
	1.5					6.3				
1	1.3					6.1	6.20 $^{1}_{1}$	6.1	1.13	7.33
	2.3					7.1				
2	2.1					6.9	7.10 $^{0}_{0}$	7.1	0.85	7.95
	3.5									
3	3.3			5.74	9.24			8.9	0.35	9.28
	3.3									
4	3.1			5.78	9.08			8.9	0.38	9.28
	4.0									
5	3.8	4.05 $^{0}_{1}$	4.1	5.58	9.58			9.5	0.36	9.86
	4.6									
6	4.4	4.55 $^{0}_{1}$	4.5	5.42	9.97			9.7	0.38	10.08
	4.7									
7	4.5	4.80 $^{1}_{1}$	4.9	5.34	10.14			9.9	0.41	10.31
	5.3							J		
8	5.1	5.40 $^{1}_{1}$	5.5	5.17	10.57					
	5.9									
9	5.7	5.85 $^{1}_{0}$	5.8	5.04	10.89					
	6.9									
10	6.7	6.85 $^{1}_{0}$	6.8	4.78	11.63					
11			7.3	4.65	11.95					
12			7.3	4.65	11.95					
13			7.7	4.58	12.28					
14			7.9	4.56	12.46					
15			7.8	4.57	12.37					
16			8.7	4.58	13.28					
17			8.6	4.57	13.17					
18			9.1	4.65	13.75					
19			9.3	4.70	14.00					
20			J							

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

1916phae.proj.1021L

Tuesday, March. 7, 1916

Scale m MC 9523 (cont.) diff. images Alt. corr. -.08

	Sc 1	Sc 2	Sc 1 − Sc 2	Cu	magn
			h m		
1	5.7	5.90	5.7	1.56	7.46
2	6.3	6.55	6.4	1.33	7.88
3	8.2	8.25	8.3	0.93	9.18
4	7.9	8.10	8.3	0.95	9.05
5	8.9	9.00	9.1	0.96	9.96
6	9.1	9.20	9.3	0.97	10.17
7	9.3	9.40	9.5	0.99	10.39
8	9.8	9.85	9.9	1.03	10.88
9	9.9	9.90	9.9	1.06	10.96

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

1916phae.proj.1021L

Tuesday, March. 7, 1916

Copied B 7: 123

Card.

Scale m mc 9524 120 K 4 11.7 -15.1 Alt. corr. -.19

	Sc.1		Sc.2	Cu	magn	Sc.1 P.C.	Sc.2	Cu	magn
1	2.9 2.7			5.83	8.73		8.9	0.38	9.28
2	3.5 3.3			5.74	9.24		9.1	0.36	9.46
3	4.7 4.5	4.60 1⊥	4.5	5.40	10.00		9.7	0.38	10.08
4	5.9 5.7	5.80 1⊥	5.7	5.06	10.86		〃		
5	6.7 6.5	6.60 1⊥	6.5	4.84	11.44		〃		
6	6.9 6.7	6.80 1°	6.8	4.78	11.63				
7			7.5	4.61	12.11				
8			7.9	4.56	12.46				
9			8.8	4.59	13.39				
10			8.9	4.61	13.51				
11			9.5	4.75	14.25				
12	J.P.								
13	〃								
14	〃								
15	H.S								

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

1916phae.proj.10211

Tuesday, March 7, 1916

Scale m mc 9524 (cont.) diff. images Abt. corr. -19

	Sc.1 g	Sc.2 g	Sc.1 h	Sc.2 h	Cu	magn
1	8.1	8.10	00	81	0.95	9.05
2	84	8.55	31	87	0.89	9.44
3	89	9.00	11	9.1	0.96	9.96
4	9.8	9.55	01	9.9	1.03	1088
5	7	7				

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

1916phae.proj.1021L

Tuesday, March 7, 1916

Copied B 10: 148

Card.

Scale m MC 9525 Carte 5 00 −16.5 Alt. corr. −.22

				Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn.
1	1.9 1.7					6.0				
2	2.5 2.3			5.83	8,331	5.8	6.15 3.1	6.3	1.14	7.29
3	3.5 3.3			5.74	9.24 2			7.3	0.78	8.08
4	5.0 4.8	4.85 2.1	4.7	5.33	10,18 3			8.6	0.44	9.04
5	5.1 4.9	5.21 2.1	5.3	5.23	10.43 4			9.9	0.41	10,31
6	5.7 5.5	5.70 0.0	5.7	5.08	10.78 5			9.7	0.38	10,08
7	5.9 5.7	5.80 1.1	5.7	5.06	10,86 6			9.7		
8	6.3 6.1	6.30 0.0	6.3	4.93	11.23 7			9.7		
9			7.3	4.65	11,95					
10	7.1 6.9	7.10 0.0	7.1	4.70	11.80					
11			7.5	4.61	12,11					
12			7.8	4.57	12.37					
13			8.2	4,55	12,75					
14			8.1	4,56	12,66					
15			8.5	4,56	13,06					
16			8.7	4.56	13,28					
17			9.1	4.65	13,75					
18			9.3	4.70	14,06					
19			9.9	4,90	14,80					
20			9.7							

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

1916phae.proj.1021L

Tuesday, March. 7, 1916

Scale m mc 9525 (cont.) diff. images Alt. corr. -.22

	Sc.1 g	Sc.2 g	Sc.1 h	Sc.2 h	Δu	Magn
1	5.7	5.80	5.5		1.60	7.40
2	6.8	6.95	6.7		1.21	8.16
3	7.7	7.80	7.9		1.01	8.81
4	9.5	9.55	9.6		0.93	10.48
5	9.8	9.75	9.7		0.96	10.71
6	9.9	9.90	9.9		1.06	10.96
7	∓		∓			

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

1916phae.proj.1021L

Tuesday, March. 7, 1916

Scale m	mC 9526 Sc.1		mC 9526 Sc.2	Pole Sc.1	Pole P.C.	Pole Sc.2
5	B			5.0 4.8	5.15 3.1	5.3
6	B			5.7 5.5	5.75 1.0	5.8
8	2.5 2.3					7.5
9	2.9 2.7					8.1
10	3.1 2.9					8.5
11	3.7 3.5					9.1
12	4.5 4.3	4.30 2.2	4.1			9.8
13	4.9 4.7	5.00 1.1	5.1			9.7
14	5.3 5.1	5.30 1.0	5.3			7
15	5.9 5.7	5.80 1.1	5.7			
16	6.5 6.3	6.50 1.0	6.5			
17	6.9 6.7	6.90 1.0	6.9			
18			7.4			
19			7.7			
20			8.3			
23			8.7			
25			9.3			
26			9.5			
27			9.8			
28			7			

See page 70.

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

1916phae.proj.1021L

Thursday, March 7, 1916

Scale m mc 9526 (cont.) diff. images

	Sc. 1	Sc 2	Sc. 1	Sc 2
	g		h	
5	4.3	4.60	4.5	
6	5.5	5.70	5.5	
8	7.3	7.20	6.9	
9	7.7	7.75	7.8	
10	8.2	8.15	8.1	
11	8.6	8.65	8.7	
12	8.8	8.95	9.1	
13	9.3	9.30	9.3	
14	9.9	9.90	9.9	
15	9.9	9.90	9.9	
16	7		7	

11.95

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

1916phae.proj.1021L

Friday, March 10, 1916

Sheet no 298

11.05

Scale m

	mc 9526 Sc 1		mc 9526 Sc 2	Pole 9532 P.99		mc 565 Sc 1	mc 565 P.C.	mc 565 Sc 2		
5	B					4.7 4.5	4.80 ⊥ 1	4.9	4.90 4.85 0.5 0.5	1.64
6	B					5.8 5.6	5.70 0 ⊥	5.7	5.75 5.75 0.0 0.0	1.36
8	2.3 2.1			2.5 2.40 1 1	5.83			7.5	7.20 7.35 1.5 1.5	0.88
9	2.8 2.6			2.9 2.85 0 1	5.98			8.3	8.3 8.30 0 0	0.53
10	2.9 2.7			2.9 2.90 0 0	6.12			8.3	8.3 8.30 0 0	0.72
11	3.7 3.5			3.7 3.70 0 0	5.85			9.1	8.8 8.95 1.3	0.60
12	4.0 3.8	4.15 2 1	4.3	3.9 4.02 1.3 1.2	5.84			9.8	9.5 9.65 2 1	0.21
13	4.9 4.7	5.00 1 1	5.1	4.60 4.80 2.0 2.0	5.50			9.8	9.8 9.80 0 0	0.50
14	5.5 5.3	5.50 0 0	5.5	5.10 5.30 2.0 2.0	5.35					
15	5.9 5.7	5.80 1 1	5.7	5.70 5.75 0.5 0.5	5.39					
16	6.5 6.3	6.40 1 1	6.3	6.35 6.38 0.2 0.3	5.02					
17	7.0 6.8	7.05 0 1	7.1	6.80 6.92 1.2 1.3	4.71					
18			7.5	7.4 7.45 1 0	4.61					
19			7.7	7.8 7.75 ⊥ 0	4.67					
20			8.5	8.3 8.40 1 1	4.33					
23			8.7	8.8 8.75 ⊥ 0	4.59					
25			9.3	9.4 9.35 ⊥ 0	4.52					
26			9.5	9.5 9.50 0 0	4.83					
27			9.8	9.9 9.85 0 1	4.84					
28			.7							

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

1916phae.proj.1021L

Friday, March 10, 1916

Scale m mc 9526 (cont.) diff. images

	Sc 1	Sc 2		Sc 1	Sc 2		
	g		h				
5	4.0 3.8	4.15	4.3 4.1	4.30	4.22	04 08	2.27
6	5.3 5.1	5.40	5.5 5.3	5.05	5.22	18 17	1.89
8	6.9 6.7	6.90	6.9 6.7	6.90	6.90	00 00	1.33
9	7.7	7.70	7.7	7.75	7.72	03 03	1.11
10	7.8	7.80	7.8	8.00	7.90	10 10	1.12
11	8.7	8.70	8.7	8.60	8.65	05 05	0.90
12	8.7	8.80	8.9	8.80	8.80	00 00	1.06
13	9.5	9.50	9.5	9.60	9.55	05 05	0.85
14	9.6	9.75	9.9	9.75	9.75	00 00	0.90
15	9.9	9.90	9.9	9.85	9.88	02 03	1.20
16	7		7				

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

1916phae.proj.1021L

Friday, March. 10, 1916

Copied B 37: 108 Cand.

Scale m mC9527 D^3 500 15 −15.0 Alt. corr. −19

	Sc.1		Sc.2	Lu	Magn	Sc.1	P.C.	Sc.2	Lu	Magn
C			7.9	4.55	12.45	5.3				
1	B					5.1	5.40 1 1	5.5	1.48	6.88
2	1.6 1.4					4.7 4.5	4.90 3 2	5.1	1.62	6.52
3	1.5 1.3					5.1 4.9	5.20 1 1	5.3	1.53	6.73
4	1.7 1.5					5.9 5.7	5.80 1 1	5.7	1.35	7.15
5	1.9 1.7					6.7 6.5	6.60 1 1	6.5	1.10	7.70
6	2.1 1.9					6.5 6.3	6.50 0 0	6.5	1.14	7.64
7	2.5 2.3			6.00	8.50	6.9 6.7	6.90 0 0	6.9	1.00	7.98
8	2.0 1.8					6.9 6.7	6.80 1 1	6.7	1.02	7.82
9	2.3 2.1			5.97	8.27			7.7	0.76	8.46
10	2.9 2.7			6.01	8.91			8.1	0.66	8.76
11	2.7 2.5			6.00	8.70			7.8	0.74	8.54
12	2.8 2.6			6.01	8.81			8.5	0.57	9.07
13	2.9 2.7			6.01	8.91			8.9	0.50	9.40
14	3.9 3.7			5.83	9.73			9.5	0.43	9.93
15	3.9 3.7			5.83	9.73			9.5	0.43	9.93
16	3.9 3.7			5.83	9.73			9.3	0.45	9.75
17	4.1 3.9	4.20 1 1	4.3	5.75	9.95			UP		
18	4.9 4.7	5.10 3 2	5.3	5.45	10.55			U		
19	5.3 5.1	5.30 0 0	5.3	5.37	10.67			U		
20	5.4 5.2	5.45 0 1	5.5	5.32	11.77					
21	5.9 5.7	5.80 1 1	5.7	5.19	10.99					
22			7.7	4.57	12.27					
23	6.7 6.5	6.60 1 1	6.5	4.89	11.49					
24			7.3	4.64	11.94					
25			7.8	4.56	12.36					
26			7.9	4.55	12.45					
27			8.4	4.52	12.92					
28			8.7	4.54	13.24					

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

1916phae.proj.1021L

Friday, March. 10, 1916

Scale m mc 9527 (cont.) diff. images Alt. corr. -.19

	Sc.1 Sc.2	Sc1 Sc2	Ra	magn.
	g	h		
1	4.7 4.5 4.70 4.7 4.5		2.08	6.78
2	4.0 3.8 3.95 3.9 3.7			
3	4.8 4.6 4.75 4.7 4.5		2.06	6.81
4	5.0 4.8 5.05 5.1 4.9		1.97	7.02
5	5.9 5.7 5.85 5.8 5.6		1.71	7.56
6	5.7 5.5 5.80 5.9 5.7		1.72	7.52
7	6.1 5.9 6.05 6.0 5.8		1.65	7.70
8	J.P. 6.4		1.48	8.08
9	7.1 6.9 7.05 7.0 6.8		1.34	8.39
10	7.7 7.65 7.6		1.17	8.82
11	7.6 J.P.		1.18	8.78
12	7.8 7.80 7.8		1.13	8.93
13	8.2 8.25 8.3		1.04	9.29
14	8.8 J.P		0.99	9.79
15	8.8 J.P		0.99	9.79
16	9.1 9.30 9.5		0.97	10.27
17	J J.P			
18	9.9 9.90 9.9		1.10	11.00
19	9.8 9.85 9.9		1.07	10.92
20	J J			

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

1916phae.proj.1021L

Friday. March. 10, 1916.

Scale m MC 9527 (cont.) Alt. corr. -19

	Sc. 1	Sc. 2	Res	Magn
29		8.9	4.56	13.46
30		9.5	4.75	14.25
31		9.7	4.87	14.57
32		7		

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

1916phae.proj.1021L

Friday, March 10, 1916

565

Copied B9:64

Card.

Scale m MC 9528 W Aurigae 5 24.4 +37.5 Alt. corr. +.22

	Sc.1	Sc.2		Cu	magn	Sc.1	P.C.	Sc2	Cu	magn
	3.0									
a	2.8			6.00	9.00	J.P.				
	3.3									
b	3.1			5.97	9.27			8.8	0.51	9.31
	3.9									
c	3.7			5.83	9.73			9.3	0.45	9.75
	4.8									
d	4.6	4.95	2 1	5.50	10.45			9.9	0.38	10.28
	5.9									
e	~~5.3~~ 4.9	5.20	1 1	5.41	10.61			9.9	0.38	10.28
	5.1									
f	4.9	5.20	1 1	5.41	10.61			7		
	5.0									
g	4.8	5.15	2 1	5.43	10.58			9.8	0.39	10.19
	5.3									
h	5.1	5.40	1 1	5.34	10.74			9.8	0.39	10.19
	5.6									
k	5.4	5.65	0 1	5.25	10.90					
	6.5									
l	6.3	6.40	1 1	4.96	11.36					
	6.7									
m	6.5	6.70	0 0	4.84	11.54					
n			7.5	4.60	12.10					
o			7.9	4.55	12.45					
o^1			8.7	4.54	13.24					
o^2			8.9	4.56	13.46					
p			7.5	4.60	12.10					
p^1			8.3	4.53	12.83					
q			8.3	4.53	12.83					
r			9.1	4.60	13.70					
s			9.5	4.75	14.25					
t			9.8	4.92	14.72					
u			9.8	4.92	14.72					

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

1916phae.proj.1021L

Friday, March 10, 1916

Scale m MC 9528 (cont.) diff. images Alt corr. +.22

	Sc 1	Sc 2	Sc 1	Sc 2	Cu	Magn
	g		h			
a	7.7	7.70	00	7.7	1.15	8.85
b	8.5	8.50	00	8.5	1.02	9.52
c	8.8	8.75	01	8.7	0.99	9.74
d	9.3	9.40	11	9.5	0.98	10.38
e	9.7	9.70	00	9.7	1.03	10.73
f	9.5	9.50	00	9.5	0.99	10.49
g	9.3	9.40	11	9.5	0.98	10.38
h	9.7	9.75	10	9.8	1.04	10.79
k	9.7	J. P			1.04	10.74
l	9.9	9.90	00	9.9	1.10	11.00
m	J		J			

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

1916phae.proj.1021L

Friday, March 10, 1916

Copied B9: 72

Scale m — mc9529 {NGC 1960 M Aurigae — N.G.C. reg. 5 29.7 +32.5 Alt. corr. +.22

	Sc.1		Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
						4.8 4.6	4.95 3:1	5.1	1.60	6.55
1	B									
2	2.7 2.5			6.00	8.70			7.7	0.76	8.46
3	2.9 2.7			6.01	8.91			8.1	0.66	8.76
4	3.5 3.3			5.94	9.44			8.7	0.53	9.23
5	4.0 3.8	4.15 3:1	4.3	5.77	9.92			9.6	0.41	10.01
6	4.5 4.3	4.40 1:1	4.3	5.69	10.09			9.8	0.39	10.19
7	5.7 5.5	5.60 1:1	5.5	5.26	10.86			7		
8	5.7 5.5	5.70 ∞	5.7	5.23	10.93			7		
9	7.1 6.9	7.10 ∞	7.1	4.78	11.80					
10			7.7	4.57	12.27					
11			8.4	4.52	12.92					
12			8.7	4.54	13.24					
13			9.1	4.60	13.70					
14			9.4	4.71	14.11					
15			9.9	4.99	14.89					
16										
17										
18										

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

1916phae.proj.1021L

Friday, March. 10, 1916

Scale m mc 9529 (cont.) diff. images Alt. corr. +.22

	Sc.1 Sc.2	Sc.1 Sc.2	Cu	magn
	g	w		
1	4.3 4.1 4.40 (11) 4.5 4.3		2.18	6.58
2	6.7 6.5 6.85 (12) 7.0 6.8		1.41	8.26
3	7.6 7.60 (00) 7.6		1.18	8.78
4	8.4 8.25 (21) 8.1		1.04	9.29
5	9.1 9.10 (00) 9.1		0.97	10.07
6	9.3 9.30 (00) 9.3		0.97	10.27
7	9.8 9.85 (01) 9.9		1.07	10.9 a
8	9.9 9.90 (00) 9.9		1.10	11.00
9	7	7		

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

1916phae.proj.10211

Friday, March. 10, 1916

Copied B9:73

Card.

Scale m MC 9529 Variable Sequence Alt. corr. +.22

	Sc 1		Sc 2	Cu	Magn	Sc 1	P.C.	Sc 2	Cu	Magn
a	2.7 2.5			6.00	8,70			7.8	0.74	8,54
b	1.8 1.6					6.6 6.4	6.70 1 1	6.8	1.06	7,86
c	3.3 3.1			5.97	9.27			8.5	0.57	9,07
d	2.8 2.6			6.01	8,81			7.9	0.73	8,63
e	3.1 2.9			6.00	9,10			8.8	0.51	9,31
f	4.1 3.9			5.79	9.89			9.8	0.39	10,19
g	3.9 3.7			5.83	9,73			n.s		
h	4.1 3.9	4.10 0 0	4.1	5.79	9,89			9.5	0.43	9,93
k	6.5 6.3	6.40 1 1	6.3	4.96	11,36			n.s		
l	4.7 4.5	4.75 1 0	4.8	5.56	10,31			9.7	0.40	10,10
l'	5.7 5.5	5.70 0 0	5.7	5.23	10,93			7		
m	6.6 6.4	6.65 0 1	6.7	4.87	11,52			7 n.s		
n			7.5	4.68	12,18					
o	7.1 6.9	7.00 1 1	6.9	4.73	11,73					
p	6.7 6.5	6.70 0 0	6.7	4.85	11,55					
q	7.0 6.8	7.05 0 1	7.1	4.72	11,77					
r			7.9	4,55	12,45					
s			7.7	4,57	12,27					
t			8.5	4,53	13,03					
u			8.3	4,53	12,83					
u'			8.7	4,54	13,24					
u²			8.9	4,56	13,46					
w			9.3	4.67	13,97					
x			9.9	4.99	14,89					

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

1916phae.proj.1021L

Friday, March 10, 1916

Scale m mc 9529 (cont.) diff. images Alt. corr. +.22

	Sc.1 Sc.2	Sc.1 Sc.2	Ru magn	
	7.0 g	01 6.9 h		
a	6.8 6.95	6.7	1.36	8,31
b	6.3 6:5 6.50 00	6.5 6.3	1.51	8,01
c	7.9 8.10 3 2	8.3	1.07	9,17
d	7.6 7.65 01	7.7	1.18	8,83
e	8.3 8.30 00	8.3	1.03	9.33
f	9.2 9.15 01	9.1	0.98	10.13
g	8.7 8.90 3 2	9.1	0.98	9.88
h	9.3 9.20 1 1	9.1	0.98	10,18
k	J	J		
l	9.3 9.30 00	9.3	0.98	10.28
m	J	J		
l'	9.9 9.90 00	~~9.9~~	1.10	11.00

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

1916phae.proj.10211

Friday. March. 10, 1916

Scale m MC 9529 Ref. Seq. Alt. corr. +22

	Sc.1		Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
	1.9					7.1				
1	1.7					6.9	7.10	7.1	0.94	8.04
	2.7									
2	2.5			6.00	8.70			8.3	0.62	8.92
	2.9									
3	2.7			6.01	8.91			8.7	0.53	9.23
	3.9									
4	3.7			5.83	9.73			9.5	0.43	9.93
	4.7									
5	4.5	4.80	4.9	5.56	10.36			9.9	0.39	10.29
	5.3									
6	5.1	5.40	5.5	5.34	10.74					
	6.0									
7	5.8	6.15	6.3	5.05	11.20					
	6.9									
8	6.7	6.80	6.7	4.80	11.60					
9			7.5	4.60	12.10					
10			7.8	4.56	12.36					
11			7.7	4.57	12.27					
12			8.7	4.54	13.24					
13			8.8	4.55	13.35					
14			8.9	4.56	13.46					
15			9.5	4.75	14.25					
16			9.5	4.75	14.25					
17			9.8	4.92	14.72					

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

1916phae.proj.1021L

Friday, March. 10, 1916

Scale m MC 9529 (cont.) diff. images alt. corr. +22

	Sc 1	Sc 2	Sc 1	Sc 2	Cu	magn.	
	6.7	g	00	6.7	h		
1	6.5	6.70		6.5		1.45	8.15
2	~~8.5~~ 7.5	7.60	1	7.7		1.18	8.78
3	~~7.8~~ 8.3	8.40	1	8.5		1.02	9.42
4	8.8	8.95	31	9.1		0.98	9.93
5	9.3	9.40	1	9.5		0.98	10.38
6	9.9	9.90	00	9.9		1.10	11.00
7	7			7			

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

1916phae.proj.10211

Friday, March. 10, 1916

Copied 39a:160

Card

alt. corr. +.17

Scale m	MC 9530		Z Jani		5 39.7 +15.0			Variable Sequence	
	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
a	2.1 1.9				7.1 6.9	7.00 i	6.9	0.97	7.97
a'	3.3 3.1		5.97	9.27	J.P.				
b	3.7 3.5		5.89	9.59			8.7	0.53	9.23
c= b'	3.5 3.3		5.94	9.44			8.6	0.54	9.14
c'	4.0 3.8		5.82	9.82			9.1	0.48	9.58
e	J P						9.3	0.45	9.75
e'	4.7 4.5		5.60	10.30			9.9	0.39	10.29
d	3.7 3.5		5.89	9.59			8.8	0.51	9.31
d'	4.1 3.9		5.79	9.89			9.5	0.43	9.93
d2	5.3 5.1		5.37	10.67			J.P.		
f	5.3 5.1	5.30 i0 5.3	5.37	10.67			J.P.		
f'	5.5 5.3	5.50 i0 5.5	5.30	10.80			J.P.		
g	5.8 5.6	5.80 i0 5.8	5.19	10.99					
g'	6.3 6.1	6.20 i1 6.1	5.04	11.24					
h	~~6.5~~ 5.9 ~~6.4~~ 5.7	5.80 i1 5.7	5.19	10.99					
h'	6.6 6.4	6.65 i1 6.7	4.86	11.51					
k	5.5 5.3	5.30 i0 5.3	5.37	10.67					
k'	6.7 6.5	6.60 i1 6.5	4.89	11.49					
l	6.5 6.3	6.30 i2 6.1	5.00	11.30					
l'		7.5	4.60	12.10					
m	6.5 6.3	6.40 i1 6.3	4.96	11.36					
n	6.1 5.9	6.10 i0 6.1	5.07	11.17					
o	7.1 6.9	7.10 i0 7.1	4.78	11.88					
p	6.7 6.5	6.60 i1 6.5	4.89	11.49					
q	6.7 6.5	6.60 i1 6.5	4.89	11.49					
r		8.5	4.53	13.03					
s		8.5	4.53	13.03					
t		9.3	4.67	13.97					
u		9.8	4.92	14.72					

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

1916phae.proj.1021L

Friday. March. 10, 1916

Scale m MC 9530 (cont) diff. images Att. corr. +.17

	Sc.1 Sc.2	Sc.1 Sc.2	Cu	Magn
	5.5 g	5.5 h		
a	5.3 5.50	5.3	1.83	7.33
a'	7.6 7.55	7.5	1.19	8.74
b	8.3 8.20	8.1	1.05	9.25
b'	J.P.	J.P.		
c'	8.7 8.70	8.7	1.00	9.70
d	8.3 8.40	8.5	1.02	9.42
d'	8.8 8.95	9.1	0.98	9.93
d^2	J.P.	J.P.		
e	8.7 8.70	8.7	1.00	9.70
e'	9.8 9.80	9.8	1.05	10.85
f	9.8 9.80	9.8	1.05	10.85
f'	9.9 9.90	9.9	1.10	11.00
g	9.9	J	1.10	11.00
g'	J	J		

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

1916phae.proj.10211

Friday, March. 10, 1916

Scale m MC 9530 Ref. Seq. alt. corr. +.17

	Sc.1		Sc.2	Ra	Magn	Sc.1	P.C	Sc.2	Ra	Magn
1	1.6	1.5				6.3	6.40 1.1	6.3	1.16	7.56
2	2.8	3.0		6.01	9.01			7.9	0.73	8.63
3	3.2	3.4	B	5.96	9,36			8.4 ~~7~~	0.59	8.99
4	4.1	4.3 4.45 1.2	4.6	5,68	10,13			9.7	0,40	10,10
3a	6.6	6.8 6.75 0.1	6.7	4,83	11,58			7		
4a	5.7	5.9 5.85 1.0	5.8	5,18	11,03			n.s		
4b	6.7	6.9 6.85 1.0	6.8	4,78	11.63			n.s		
5	4.9	5.1 5.20 1.1	5.3	5.41	10.61			9.9	0.39	10.29
6	5.7	5.9 5.80 1.1	5.7	5,19	10.99			9.9	0.39	10.29
7	5.9	6.1 6.20 1.1	6.3	5.04	11,24			7		
8	6.7	6.9 6.70 2.2	6.5	4,84	11,54					
9			7.6	4,60	12,20					
10			7.8	4.56	12,36					
11			8.3	4,53	12,83					
12			8.9	4,56	13,46					
13			9.3	4,67	13,97					
14			9.6	4,80	14,40					
15			9.8	4,92	14,72					
2	B					3.9 9.7		B		
B	B					5.5 5.3	5.50 00	5.5	1.45	

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

1916phae.proj.1021L

Friday, March 10, 1916

scale m mc 9530 (cont.) diff. images Alt. corr. +17

	Sc.1	Sc.2	Sc.1 Sc.2	Cu	magn
	g		h		
2	JP		JP		
	5.0		5.0		
β	4.8	5.00	4.8	1.59	6.59
	5.9		6.0		
1	5.7	5.95	5.8	1.67	7.62
2	7.6	7.55	7.5	1.19	8.74
3	7.8	7.80	7.8	1.13	8.93
3a	n.s		n.s		
4	8.9	9.00	9.1	0.98	9.98
4a	9.9	9.90	9.9	1.10	11.00
4b	7		7		
5	9.3	9.40	9.5	0.98	10.38
6	9.8	9.80	9.8	1.05	10.85
7	7		7		

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

1916phae.proj.10211

Friday, March 10, 1916

Scale m	MC 9532 Sc.1	Sc.2	Pole	Sc.1	P.C.	Sc.2
5	B			4.7 4.5	$4.90^{3\cdot2}$	5.1
6	B			5.8 5.6	$5.75^{0\cdot1}$	5.7
8	2.5 2.3			7.1 6.9	$7.20^{1\cdot1}$	7.3
9	2.9 2.7					8.3
10	2.9 2.7					8.3
11	3.7 3.5					8.8
12	3.9 3.7	B				9.5
13	4.7 4.5	$4.60^{1\cdot1}$ 4.5				9.8
14	4.9 4.7	$5.10^{3\cdot2}$ 5.3				J
15	5.7 5.5	$5.70^{0\cdot0}$ 5.7				
16	6.4 6.2	$6.35^{0\cdot1}$ 6.3				
17	6.7 6.5	$6.80^{1\cdot1}$ 6.9				
18		7.4				
19		7.8				
20		8.3				
23		8.8				
25		9.4				
26		9.5				
27		9.9				
28		J				

See page 52

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

1916phae..proj..1021L

Friday, March 10, 1916

Scale m. mc 9532 (cont.) diff. images

	Sc.1	Sc.2		Sc.1	Sc.2
	g			h	
5	4.3	4.30	0.0	4.3	4.1
6	5.0 4.8	5.05	0.1	5.1	4.9
8	6.9 6.7	6.90	0.0	6.9	6.7
9	7.7	7.75	1.0		7.8
10	8.1	8.00	1.1		7.9
11	8.7	8.60	1.1		8.5
12	8.9	8.80	1.1		8.7
13	9.5	9.60	1.1		9.7
14	9.8	9.75	0.1		9.7
15	9.8	9.85	0.1		9.9
16	∓			∓	

2.15

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

1916phae.proj.1021L

Saturday. March 18, 1916

Shut no. 301.

11.00

Scale m MC 9703 Pole Series MC. 579

	Sc.1		Sc.2	9708 P 113		Sc.1	P. C.	Sc.2		
5	B					4.0 3.8	4.15 3.1	4.3	5.00 4.58 4.3 4.2	1.91
6	B					6.3 5.1	5.40 1.1	5.5	5.85 5.62 2.2 2.3	1.49
8	2.5 2.3			2.8 2.65 1.2	5.58	6.9 6.7	6.90 0.0	6.9	7.5 7.20 3.0 3.0	1.03
9	2.8 2.6			3.5 3.15 4.3	5.68			7.8	8.1 7.95 2.1	0.85
10	2.8 2.6			3.7 3.25 4.5	5.77			7.8	8.3 8.05 3.3	0.97
11	3.5 3.3			4.0 3.75 3.2	5.80			8.5	9.1 8.80 3.3	0.75
12	3.8 3.6		B	4.60 4.20 4.4	5.66			9.6	9.3 9.45 8.95 2.1 4.3	0.41
13	4.5 4.3	4.50 0.0	4.5	5.20 4.85 3.5 3.5	5.45			9.4	9.8 9.60 2.2	0.70
14	5.1 4.9	5.20 1.1	5.3	5.70 5.45 2.5 2.5	5.20			9.8	9.9 9.85 0.1	0.80
15	5.6 5.4	5.65 0.1	5.7	6.05 5.85 2.0 2.0	5.23					
16	6.1 5.9	6.20 1.1	6.3	6.75 6.48 2.5 2.7	4.92					
17	6.8 6.6	6.75 0.1	6.7	6.90 6.82 0.7 0.5	4.81					
18	7.5	→		7.3 7.40 1.1	4.66					
19			7.7	7.6 7.65 1.0	4.77					
20			7.9	8.3 8.10 2.2	4.63					
23			8.5	8.7 8.60 1.1	4.74					
25			8.9	9.4 9.15 3.2	4.72					
26			9.3	9.7 9.50 2.2	4.83					
27			9.7	9.9 9.80 1.1	4.89					
28										

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

1916phae.proj.1021L

Saturday, March 18, 1916

Scale m	MC 9703 Sc.1 Sc.2	Sc 1 Sc 2	(cont)	diff. images
	g	h		
5	3.8 3.6 3.85 .01	3.9 3.7	4.80 4.32 .47 .48	2,17
6	4.9 4.7 4.80 .11	4.7 4.5	5.70 5.25 .45 .45	1,86
8	6.8 6.6 6.85 .01	6.9 6.7	7.30 7.08 .22 .22	1,15
9	7.6 7.65 .01	7.7	8.20 7.92 .27 .28	0.91
10	7.8 7.85 .01	7.9	8.55 8.20 .35 .35	0.82
11	8.3 8.40 .11	8.5	8.70 8.55 .15 .15	1.00
12	8.6 8.65 .01	8.7	8.85 8.75 .10 .10	1,11
13	8.9 9.00 .11	9.1	9.50 9.25 .25 .25	1.05
14	9.3 9.40 .11	9.5	9.65 9.52 .13 .13	1.13
15	9.8 9.80 .00	9.8	9.80 Q	1,28
16	9.9 9.90 .00	9.9	9.90 Q	1,50
17	F	F		

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

1916phae.proj.1021L

Saturday, March, 18, 1916

Ser 579

Copied B 10:150

Card.

Scale m | mc 9704 | Carte | 9.00 20 - 16.5 Alt. corr. -.23

	Sc.1		Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
1	B					5.2 (5.4)	5.45 0'	5.5	1.58	7.03
2	B					5.8 (6.0)	6.15 2'	6.3	1.43	7.58
3	2.8 (3.0)			5.70	8.70			8.5	0.84	9.34
4	N.P.							8.9	0.80	9.70
5	3.7 (3.9)	4.00 1'	4.1	5.77	9.77			9.1	0.78	9.88
6	4.8 (5.0)	5.05 0'	5.1	5.40	10.45			9.8	0.75	10.55
7	5.7 (5.9)	5.80 1'	5.7	5.13	10.93			7		
8	6.3 (6.5)	6.40 1'	6.3	4.94	11.34					
9	6.7 (6.9)	6.90 0'	6.9	4.83	11.73					
10	6.9 (7.1)	7.20 1'	7.3	4.78	11.98					
11			7.7	4.71	12.41					
12			8.1	4.69	12.79					
13			8.5	4.70	13.20					
14			8.7	4.71	13.41					
15			8.5	4.70	13.20					
16			8.8	4.72	13.52					
17			8.9	4.73	13.63					
18			9.7	4.85	14.55					
19			9.9	4.92	14.87					
20	N.S									

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

1916phae.proj.1021L

Saturday, March 18, 1916

Scale m

MC 9704 (cont.)

diff. images Alt. corr. −.23

	Sc. 1	Sc. 2	Sc 1 − Sc 2	Cu	magn
	g				h
1	5.3 5.1	5.40 +1	5.5 5.3	1.78	7.18
2	6.1 5.9	6.10 00	6.1 5.9	1.49	7.57
3	8.1	8.15 +0	8.2	0.45	8.60
4	8.5	8.50 00	8.5	0.45	8.95
5	8.8	8.80 00	8.8	0.48	9.28
6	9.6	9.60 00	9.6	1.20	10.80
7	9.9	9.90 00	9.9	1.40	11.30
8	7		7		

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

1916phae.proj.1021L

Saturday, March 18, 1916

Copied B 9a: 161

Card.

Alt corr. +22

Scale m MC 9706 V Ursae Maj 9 00 + 50 Variable Seq.

	Sc 1	Sc 2	Cu	magn	Sc 1	P.C.	Sc 2	Cu	magn
a	B				6.8 6.6	6.75 0.1	6.7	1.17	7.92
b	2.7 2.5		5.63	8.33			7.5	0.99	8.49
c	3.5 3.3		5.78	9.28			8.5	0.84	9.34
d	4.3 4.1	4.30 0.0 4.3	5.65	9.95			8.9	0.80	9.70
e	4.6 4.4	4.65 0.1 4.7	5.53	10.18			9.5	0.75	10.25
f	4.8 4.6	4.85 0.1 4.9	5.47	10.32			9.5	0.75	10.25
g	5.7 5.5	5.70 0.0 5.7	5.16	10.86			9.8	0.75	10.55
h	6.6 6.4	6.55 0.1 6.5	4.91	11.46			N		
i									
k	6.7 6.5	6.70 0.0 6.7	4.87	11.54			N.S.		
l		7.3	4.74	12.04					
m		7.3	4.74	12.04					
n		7.7	4.71	12.41					
o		7.9	4.70	12.60					
p		8.3	4.69	12.99					
q		8.4	4.69	13.09					
r		8.7	4.70	13.40					
s		8.6	4.70	13.40					
t		8.9	4.73	13.63					
u		9.3	4.78	14.08					
w		9.7	4.85	14.55					

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

1916phae.proj.1021L

Saturday, March 18, 1916

Scale m MC 9706 (cont.) diff. images Alt. corr. +.22

	Sc.1	Sc.2	Sc.1&2	Cu	magn
		g	w		
a	5.5	5.65	5.4	1.64	7.29
b	6.7	6.90	6.7	1.19	8.09
c	7.8	7.85	7.9	0.98	8.83
d	8.7	8.70	8.7	0.96	9.66
e	8.9	9.00	9.1	1.00	10.00
f	9.3	9.30	9.3	1.08	10.38
g	9.6	9.70	9.8	1.23	10.93
h	9.8	9.85	9.9	1.35	11.20
k					

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

1916phae.proj.1021L

Saturday, March 18, 1916

Cand.

Scale m MC 9706 V Urs Maj. Ref. seq. Abt. corr. +.22

	Sc.1	Sc.2	Cu	Magn	Sc.1 P.C.	Sc.2	Cu	Magn
1	2.9 2.7		5.68	8,58		8.1	0.89	8.99
2	3.9 3.7		5.75	9.65		8.7	0.82	9.52
3	4.0 3.8	4.05 [.01] 4.1	5.72	9.77		9.1	0.78	9.88
4	5.6 5.4	5.65 [.01] 5.7	5.18	10,83		9.8	0.75	10,55
5	6.6 6.4	4.45 [.21] 6.3	4.93	11,38		17		
6	6.9 6.7	4.80 [.11] 6.7	4.84	11.64				
7		7.6	4.72	12,32				
8		7.7	4.71	12,41				
9		7.9	4.70	12,60				
10		8.5	4.70	13.20				
11		8.5	4.70	13,20				
12		8.8	4.72	13.52				
13		8.9	4.73	13,63				
14		9.4	4.79	14,19				
15		9.7	4.85	14,55				

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

1916phae.proj.1021L

Saturday, March 18, 1916

Scale m — MC 9706 (cont.) — diff. images Alt. corr. +.22

	Sc 1 Sc 2 g	Sc 1 Sc 2 h	Cu	Magn
1	7.7	7.70 00 7.7	1.00	8,70
2	85	8.50 00 8.5	0.45	8.95
3	8.6	8.60 00 8.6	0.95	9.55
4	95	9.50 00 9.5	1.14	10.64
5	9.8	9.85 01 9.9	1.35	11.20
6	7	7		

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

1916phae.proj.1021L

Saturday, March 18, 1916

Copied B 9:121

Card

alt. corr. +14

Scale m | mc 9707 | R Leonis | 9 40 +10.0 | Var. seq.

	Sc.1	Sc.2	Cu	magn	Sc1	P. C.	Sc.2	Cu	magn
f	B				5.0 4.8	5.15 31	5.3	1.70	6.85
h	B				4.5 4.3	4.50 00	4.5	1.94	6.44
k	B				4.5 4.3	4.60 11	4.7	1.90	6.50
l	B				5.3 5.1	5.40 11	5.5	1.60	7.00
m	B				6.5 6.3	4.30 23	6.1	1.30	7.60
n	2.9 2.7		5.68	8.58			7.9	0.92	8.82
o	B				6.0 5.8	5.95 01	5.9	1.41	7.31
p	B				4.7 6.5	6.70 00	6.7	1.18	7.88
q	2.3 2.1						7.5	0.99	8.49
r	3.9 3.7		5.75	9.65			9.1	0.78	9.88
t	3.0 2.8		5.70	8.70			8.4	0.86	9.26
u	3.5 3.6		5.77	9.57			9.2	0.77	9.97
w	3.7 3.5	B	5.78	9.48			8.4	0.86	9.26
α	6.1 5.9	4.10 00 6.1	5.04	11.14			7		
β	6.3 6.1	6.30 00 6.3	4.98	11.28			9.5	0.75	10.25
γ	6.7 6.5	6.70 00 6.7	4.87	11.57					
δ	7.0 6.8	6.90 11 6.8	4.82	11.72					
ε		7.5	4.73	12.23					
ζ		8.5	4.70	13.20					
η		8.5	4.70	13.20					
θ		8.7	4.70	13.40					
κ		9.3	4.78	14.08					
λ		9.7	4.85	14.35					
μ		n.s							
ν		n.s							
x	3.9 3.7	4.10 22 4.3	5.70	9.80			9.2	0.77	9.97
y	4.0 3.8	4.15 21 4.3	5.69	9.84			8.7	0.82	9.52
z	5.1 4.9	5.20 11 5.3	5.39	10.53			9.7	0.75	10.45

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

1916phae.proj.1021L

Saturday, March 18, 1916

Scale m mc 9707 (cont.) diff. images Alt. corr. +.14

	Sc.1	Sc.2	Sc.1	Sc.2	Cu	Magn
	g		h			
f	3.7 3.5	3.80	1	3.9 3.7		
h	3.8 3.6	3.75	01	3.7 3.5		
k	3.5 3.3	3.70	2 2	3.9 3.7		
l	4.7 4.5	4.80	1	4.9 4.7	2.02	6.82
m	5.7 5.5	5.75	10	5.8 5.6	1.62	7.37
n	7.6	7.60	00	7.6	1.02	8.62
o	5.7 5.5	5.70	00	5.7 5.5	1.63	7.33
p	5.9 5.7	5.90	00	5.9 5.7	1.54	7.44
q	5.7 5.5	5.70	00	5.7 5.5	1.63	7.33
s	8.5	8.50	00	8.5	0.95	9.45
t	J.P.			J.P.		
u	8.7	8.65	10	8.6	0.96	9.61
w	7.9	7.85	10	7.8	0.97	8.82
x	8.8	8.85	01	8.9	0.99	9.84
y	8.3	8.40	1	8.5	0.95	9.35
z	9.4	9.35	01	9.3	1.10	10.45
α	9.9	9.90	00	9.9	1.40	11.30
β	9.7			J	1.24	10.94
γ	J			J		

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

1916phae.proj.1021L

Saturday, March 18, 1916

Card.

Scale m	mc 9707		R Leonis		(Ref. Seq.	Alt. corr. +.14		
	Sc. 1	Sc. 2	Cu	magn	Sc. 1	P.C.	Sc 2	Cu	magn
1	same as l								
2	3.0 2.8		5.70	8.70			8.5	0.84	9.34
3	4.7 4.5	4.60 1	4.5	5.54	10,14		9.5	0.75	10.25
4	5.0 4.8	5.15 21	5.3	5.35	10,50		9.7	0.75	10,45
5	5.7 5.5	5.70 00	5.7	5.16	10,86		9 9	0.74	10,64
6	6.8 6.6	6.65 21	6.5	4.88	11.53		7		
7			7.5	4.73	12,23				
8			7.7	4.71	12,41				
9			8.3	4.69	12,99				
10			8.8	4.72	13.52				
11			9.3	4.78	14.08				
12			9.7	4.85	14,55				
13			7						
14			9.9	4.92	14,82				
15			7						

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

1916phae.proj.1021L

Saturday, March 18, 1916

Scale m | MC 9707 (cont.) | diff. images Alt. corr. +.14

	Sc.1 Sc2	Sc.1 Sc2
	g	h
2	7.9	7.85 10 7.8
3	9.1	9.20 1' 9.3
4	9.7	9.60 11 9.5
5	9.9	9.90 00 9.9
6	7	7

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

1916phae.proj.1021L

Scale m	MC 9708		Pole			
	Sc.1	Sc 2		Sc.1	P.C.	Sc.2
5	B			4.7 4.5	5.00 3 3	5.3
6	B			6.0 5.8	5.85 2 1	5.7
8	2.8 2.6					7.5
9	3.5 3.3					8.1
10	3.7 3.5					8.3
11	4.0 3.8	B				9.1
12	4.7 4.5	4.60 1 1 4.5				9.3
13	5.1 4.9	5.20 1 1 5.3				9.8
14	5.8 5.6	5.70 1 1 5.6				9.9
15	6.0 5.8	6.05 0 1 6.1				
16	6.8 6.6	6.75 0 1 6.7				
17	6.9 6.7	6.90 0 0 6.9				
18		7.3				
19		7.6				
20		8.3				
23		8.7				
25		9.4				
26		9.7				
27		9.9				
28		J				

See page 101.

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

1916phae.proj.1021L

Saturday, March 18, 1916

Scale m

mc 9708 (cont.) diff. images

	Sc.1	Sc.2	Sc.1	Sc.2
		g		n
5	4.9 4.7	4.80	4.7	4.5
6	5.7 5.5	5.70	5.7	5.5
8	7.1 6.9	7.30		7.5
9	8.1	8.20		8.3
10	8.5	8.55		8.6
11	8.7	8.70		8.7
12	8.9	8.85		8.8
13	9.5	9.50		9.5
14	9.4	9.65		9.9
15	7			7
16	7			7
1'				

1.10

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

1916phae.proj.1021L

Tuesday, March 21, 1916

9.05

Shut no 301.

Scale m	MC 8851			Pole		Series MC 514			
	Sc 1	Sc 2		8856 P. 124		Sc 1	P.C.	Sc 2	
5	B					4.9 4.7	5.20	5.5	5.50 5.35	1.14
6	B					5.7 5.5	5.70	5.7	6.15 5.92	1.19
8	2.5 2.3			2.7 2.60	5.63			7.6	8.1 7.85	0.38
9	3.0 2.8			3.5 3.25	5.58			8.5	8.5 8.50	0.33
10	3.1 2.9			3.4 3.35	5.67			8.7	9.3 9.00	0.02
11	3.9 3.7			4.20 4.05	5.50			9.3	9.5 9.40	0.15
12	4.0 3.8	4.15	4.3	4.75 4.45	5.41			9.5	9.7 9.60	0.26
13	5.1 4.9	5.20	5.3	5.60 5.40	4.90			7		
14	5.7 5.5	5.60	5.5	6.20 5.90	4.75					
15	6.3 6.1	6.30	6.3	6.60 6.40	4.63					
16	6.7 6.5	6.70	6.7	7.4 7.05	4.35					
17			7.3	7.6 7.45	4.18					
18			7.6	7.9 7.75	4.31					
19			7.9	8.3 8.10	4.32					
20			8.3	8.5 8.40	4.33					
23			8.7	9.1 8.90	4.44					
25			9.3	9.6 9.45	4.42					
26			9.7	9.8 9.75	4.58					
27			7							
28			N.S							

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

1916phae.proj.1021L

Tuesday, March 21, 1916

Scale m — MC 8851 (cont.) — diff. images

	Sc.1	Sc.2	Sc.1−Sc.2			
	3.8 g	.01	3.9 w			
5	3.6	3.85	3.7	4.00	3.92 .07 .08	2.57
6	5.5 5.3	5.50	5.5 5.3	5.55	5.52 .03	1.59
8	7.1 6.9	7.30	.32 7.5	7.50	7.40 .10 .10	0.83
9	7.8	7.80	.. 7.8	8.10	7.95 .15 .15	0.88
10	8.5	8.40	.11 8.3	8.50	8.45 .05 .05	0.57
11	8.9	8.85	.10 8.8	8.85	8.85 .00 .00	0.70
12	9.3	9.20	.11 9.1	9.25	9.22 .02 .03	0.64
13	9.5	9.55	.10 9.6	9.80	9.68 .13 .12	0.62
14	9.9	9.85	.10 9.8	9.90	9.88 .03 .02	0.77

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

1916phae.proj.1021L

Tuesday, March 21, 1916

Copied B 37:40

Card

Scale m | MC 8852 | B 7 | 17 19.5 +45

	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
1	B				5.3	5.55 ±0	5.6	1.20	6.75
2	B				5.8	6.05 0 1	6.1	1.08	7.13
3	B				5.9	5.95 1 3	5.8	1.10	7.05
4	B						7.4	0.60	8.00
5	B						7.4	0.60	8.00
6	2.2		5.65	8.05			7.5	0.55	8.25
7	B				6.9	7.20 ±1	7.3	0.67	7.87
8	2.1		5.662	7.962	6.7	6.85 1 0	6.8	0.80	7.65
9	2.5		5.65	8.35			7.6	0.51	8.11
10	2.3		5.65	8.15			7.7	0.48	8.18
11	2.7		5.64	8.54			8.4	0.26	8.66
12	3.3		5.60	9.10			8.7	0.22	8.92
13	3.5	B	5.56	9.26			9.1	0.18	9.28
14	3.4	B	5.58	9.18			8.7	0.22	8.92
15	4.1	4.40 ±1	4.5	5.39	9.79		9.5	0.20	9.70
16	4.5	4.70 0 0	4.7	5.28	9.98		9.8	0.27	10.07
17	4.8	5.15 3 1	5.3	5.07	10.22		9.9	0.332	10.232
18	6.3	6.40 1 2	6.3	4.58	10.98		7		
19	~~6.4~~ 5.7	5.80 1 1	5.7	4.80	10.60				
20	5.9	6.25 ±2	6.4	4.63	10.88				
21	6.7	6.90 0 0	6.9	4.45	11.35				
22	6.3	6.50 0 0	6.5	4.55	11.05				
23	6.7	7.00 ±1	7.1	4.43	11.43				
24			7.3	4.37	11.67				
25			7.7	4.30	12.00				
26			7.5	4.33	11.83				
27			8.3	4.31	12.61				
28			8.1	4.30	12.40				

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

1916phae.proj.1021L

Tuesday, March 21, 1916

Scale m MC 8852 (cont.) diff. images Alt. corr. +12

	Sc.1	Sc.2	Sc.1&2	Cu	magn
		g	h		
1	4.4	4.65 .01	4.5	2.18	6.83
2	4.8	4.95 .02	4.7	1.99	6.94
3	4.5	4.75 .10	4.6	2.10	6.85
4	J.P.		J.P.		
5	J.P.		4.5 p.	2.14	6.84p
6	J.P.		J.P.		
7	6.5	6.50 .11	6.7	1.10	7.90
8	5.7	6.00 .11	5.9	1.42	7.42
9	6.7	6.90 .00	6.7	1.06	7.96
10	6.8	6.95 .01	6.7	1.04	7.99
11	7.7	7.70 .00	7.7	0.83	8.53
12	8.2	8.25 .01	8.3	0.72	8.97
13	8.4	8.40	8.4	0.69	9.09
14	8.4	8.45 .01	8.5	0.68	9.13
15	8.9	9.15 .32	9.4	0.61	9.76
16	9.2	9.25 .01	9.3	0.62	9.87
17	9.4	9.50 .11	9.6	0.63	10.13
18	J		J		
19	9.9	9.90 .00	9.9	0.72	10.62
20	J		J		

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

1916phae.proj.1021L

Scale m mc 8852 (cont.) altvr +22

		Cu	magn
28a	8.5	4.33	12.83
28b	8.5	4.33	12.83
28c	~~8.8~~ 9.1	4.40	13.50
29	9.3	4.44	13.74
30	9.3	4.44	13.74
31	9.3	4.44	13.74
32	9.7	4.52	14.22
33	9.9	4.56	14.46
2	J. P.		
e	8.6	4.33	12.93

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

1916phae.proj.1021L

Tuesday. March 21, 1916

Copied B 9: 180

Card.

Scale m | MC 8853 | N.G.C. 6494 | 17 48.5 −19 0 | Cut. corr. −.29

	Sc.1		Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	B					6.1 5.9	6.00 1 1	5.9	1.09	7.09
2	3.0 2.8			5.64	8.64			8.9	0.19	9.09
3	3.5 3.6		B	5.54	9.34			9.6	0.22	9.82
4	4.3 4.1	4.40 11	4.5	5.39	9.79			~~9.9~~ J		
5	5.0 4.8	5.20 32	5.4	5.05	10.25			J		
6	6.1 5.9	6.10 00	6.1	4.68	10.78					
7	6.6 6.4	6.75 21	6.9	4.49	11.24					
8			7.3	4.37	11.67					
9			7.8	4.30	12.10					
10			7.9	4.30	12.20					
11			8.3	4.31	12.61					
12			8.5	4.33	12.83					
13			8.6	4.33	12.93					
14			9.1	4.40	13.50					
15			9.4	4.47	13.87					
16			9.9	4.56	14.46					

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

1916phae.proj.1021L

Tuesday, March 21, 1916

Scale m mc 8853 (cont.) diff. images ult cor. -.29

	Sc.1	Sc.2	Sc1Sc2	Cu	magn
		g		h	
1	5.6	5.85	.01	5.7	1.50	7.35
2	7.9	8.10	.2	8.3	0.75	8.85
3	9.1	9.00	.11	8.9	0.12	9.12
4	9.5	9.65	.12	9.8	0.67	10.32
5	7			7		

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

1916phae.proj.1021L

Tuesday, March 21, 1916

Copied B 9:187

Card.

Scale m | MC8854 | N.G.C. 6603 | 18 09 30 — 18 7 | Wt. corr. — .28

	Sc.1	Sc.2	Lu	magn	Sc.1	P.C.	Sc.2	Lu	magn
1	B				6.6 6.4	6.55 ^{01}	6.5	0.91	7.46 7.18
2	2.5 2.6		5.64	8.44	8.16		7.9	0.40	8.30 8.12
3	3.7 3.5	B	5.56	9.26	8.98		8.9	0.19	9.09 8.81
4	3.9 3.7	B	5.51	9.41	9.13		J.P.		
5	6.1 4.9	5.20 $^{1'}_{1}$ 5.3	5.05	10.25	9.97		J		
6	5.8 5.6	5.95 $^{2'}_{1}$ 6.1	4.72	10.67	10.39				
7	6.3 6.1	6.20 $^{1'}_{1}$ 6.1	4.65	10.85	10.57				
8	6.6 6.4	6.65 ^{01} 6.7	4.50	11.15	10.87				
9	7.1 6.9	7.10 ^{00} 7.1	4.40	11.50	11.22				
10		7.5	4.33	11.83	11.55				
11		8.5	4.33	12.83	12.55				
12		8.7	4.35	13.05	12.77				
13		9.1	4.40	13.50	13.22				
14		9.7	4.52	14.22	13.94				
15		J							

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

1916phae.proj.1021L

Scale m' MC 8854 (cont.) diff. images Abb corr. −.25

	Sc.1	Sc.2	Sc1Sc2	Cu	Magn	
	g		h			
1	6.3	6.60 (6.5, 1.1, 6.7)	6.5	1.18	7.78	7.50
2	6.9	7.05 (7.1, 1.0, 7.0)	6.8	1.02	8.07	7.79
3	8.5	8.55 (1.0)	8.6	0.66	9.21	8.93
4	8.8	8.85 (0.1)	8.9	0.62	9.47	9.19
5	9.8	9.75 (0.1)	9.7	0.68	10.43	10.15
6	J		J			

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

1916phae.proj.1021L

Tuesday, March 21, 1916

Scale m MC 8856 Pole

	Sc.1		Sc.2
5	B		
6	B		
8	2.5		
9	3.3		
10	3.4		
11	3.9	4.20 ±.1	4.3
12	4.5	4.75 ±.0	4.8
13	5.5	5.60 ±.1	5.5
14	6.1	6.20 ±.1	6.1
15	6.5	6.60 ±.1	6.5
16			7.4
17			7.6
18			7.9
19			8.3
20			8.5
23			9.1
25			9.6
26			9.8
27			∄
28			N.S

Sc.1	P.C.	Sc.2
5.2	5.50 ±.0	5.5
5.8	6.15 ±.1	6.3
		8.1
		8.5
		9.3
		9.5
		9.7
		∄

See page 115.

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

1916phae.proj.1021L

Tuesday, March 21, 1916

Scale m mc 8856 (cont.) diff images

	Sc.1 Sc.2	Sc.1 Sc.2
	g	h
5	4.0 3.8	4.00 4.0 3.8
6	5.5 5.3	5.55 5.6 5.4
8	7.4	7.50 7.6
9	7.9	8.10 8.3
10	8.5	8.50 8.5
11	8.9	8.85 8.8
12	9.2	9.25 9.3
13	9.7	9.80 ~~9.9~~
14	9.9	9.90 9.9
15	~~7~~	~~7~~

10.45

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

1916phae.proj.1021L

Wednesday, March 22, 1916

Sheet no 302.

11.10

Scale m	mc 8856 Sc.1	mc 8856 Sc.2	Pole 8862 P.133	mc 514 Sc.1	mc 514 P.C.	mc 514 Sc.2	
5	B			5.3	5.50	5.5	4.90 5.20 1.29
6	B			5.7	6.00	6.1	5.56 5.78 1.33
8	2.6 (2.8)		2.5 2.55 5.68			7.9	7.5 7.70 0.33
9	3.2 (3.4)		2.9 3.15 5.68			8.7	8.3 8.50 0.33
10	3.5 (3.7)		3.1 3.40 5.62			9.1	8.6 8.85 0.17
11	4.1 (4.3) 4.40	4.5	3.8 4.10 5.45			9.5	9.5 9.50 0.05
12	4.5 (4.7) 4.70	4.7	4.0 4.35 5.51			9.6	9.6 9.60 0.26
13	5.3 (5.7) 5.65	5.6	5.00 5.32 4.98			7	9.8 Q 0.50
14	5.7 (5.9) 5.85	5.8	5.25 5.60 5.05				9.9 Q 0.75
15	6.5 (6.7) 6.60	6.5	5.80 6.20 4.88				
16	6.8 (7.0) 7.10	7.2	6.55 6.82 4.68				
17		7.5	6.80 7.15 4.48				
18		7.8	7.5 7.65 4.41				
19		8.1	7.7 7.90 4.52				
20		8.5	8.3 8.40 4.32				
23		88	8.7 8.75 459				
25		9.6	9.1 9.35 4.52				
26		9.8	9.7 9.75 4.58				
27		7	9.8 Q. 4.89				
28		n.s.	9.9 Q. 5.12				

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

1916phae.proj.1021L

Wednesday, March 22, 1916

Scale m mc 8856 (cont.) diff. images

	Sc.1	Sc.2	Sc.1 − Sc.2			
			h			
5	4.3 4.1	4.30	4.3 4.1	3.80	4.05	2.44
6	5.7 5.5	5.70	5.7 5.5	4.80	5.25	1.86
8	7.0 6.8	7.00	7.0 6.8	6.75	6.88	1.35
9	8.3	8.30	8.3	7.50	7.90	0.93
10	8.5	8.50	8.5	7.75	8.12	0.90
11	8.7	8.75	8.8	8.65	8.70	0.85
12	9.3	9.30	9.3	8.80	9.05	0.81
13	9.7	9.80	9.9	9.45	9.62	0.28
14	9.9	9.90	9.9	9.8x	9.85	0.80
15	7		7	9.90	Q	1.18

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

1916phae.proj.1021L

Wednesday, March 22, 1916

Copied B 9:203

Card.

Scale m	MC 8858		RX Lyrae	18 50 +32.5	Alt. var. +.22
	Sc. 1	Sc. 2	Cu magn		
a	6.1 6.3	6.30 00	6.3	4.77	11.89
b	6.7 6.9	6.80 11	6.7	4.62	11.42
c	6.5 6.7	6.65 10	6.6	4.66	11.31
d			7.5	4.46	11.96
e			7.5	4.46	11.96
f			7.7	4.43	12.13
g			7.7	4.43	12.13
h			8.3	4.42	12.72
h'			7.9 8.5	4.43	12.93
h²			8.7	4.45	13.15
k			8.7	4.45	13.15
l			9.1	4.51	13.61
m			9.1	4.51	13.61
n			9.8	4.80	14.60
o			7		

Images elongated

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

1916phae.proj.1021L

Wednesday, March 22, 1916

Copied B 37:88

Cards

Scale m mc 8860 c/o 19 00 +15° 20th cent. +16.

	Sc.1		Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	B					5.3 (5.5)	5.50°°	5.5	1.33	6.83
2	B					6.3 (6.5)	6.40 11	6.3	1.09	7.49
3	B					5.7 (5.9)	6.00 ±1	6.1	1.22	7.22
4	B					6.6 (6.8)	6.70 11	6.6	0.97	7.67
5	2.6 (2.8)			5.68	8.48			7.6	0.60	8.20
6	D					d				
7	2.6 (2.8)			5.68	8.48			7.7	0.55	8.25
8	3.3 (3.5)			5.58	9.08			8.7	0.24	8.94
9	3.5 (3.7)			5.54	9.24			8.9	0.20	9.10
10	3.7 (3.9)		B	5.50	9.40			9.2	0.17	9.37
11	4.3 (4.5)	4.50°°	4.5	5.34	9.84			J.P.		
12	5.3 (5.5)	5.50°°	5.5	5.02	10.52			J		
13	5.6 (5.7)	5.70°°	5.7	4.95	10.65					
14	5.8 (6.0)	6.15 ±1	6.3	4.82	10.97					
15	6.3 (6.5)	6.40 11	6.3	4.74	11.14					
16	6.5 (6.7)	6.70°°	6.7	4.64	11.34					
17			7.4	4.48	11.88					
18			7.7	4.43	12.13					
19			8.4	4.42	12.82					
20			8.6	4.44	13.04					
21			9.1	4.51	13.61					
22			9.2	4.52	13.72					
23			9.3	4.54	13.84					
24			9.5	4.60	14.16					
25			9.8	4.80	14.60					
26			J							
5			7.7	4.43	12.13					
8			8.7	4.45	13.15 (13.3)					

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

1916phae.proj.1021L

Wednesday, March 22, 1916

Scale m | mc 8860 | (cont.) | diff. images

	Sc.1	Sc.2	Sc.1 Sc.2	Cu	Magn
	g		h		
1	4.5	4.70	4.5	2.13	6.83
2	5.5	5.60	5.3	1.79	7.39
3	5.4	5.65	5.5	1.78	7.43
4	6.3	6.60	6.5	1.42	8.02
5	6.9	7.30	7.5	1.19	8.49
6	d.				
7	6.8	7.00	6.8	1.29	8.29
8	7.9	7.90	7.9	1.00	8.90
9	8.5	8.50	8.5	0.86	9.36
10	8.9	8.85	8.8	0.80	9.65
11	9.2	9.25	9.3	0.78	10.03
12	9.6	9.65	9.7	0.80	10.45
13	9.9	9.90	9.9	0.90	10.80
14	F		F		

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

1916phae.proj.10211

Wednesday, March 22, 1916

Copied B7: 144

Card.

Scale m MC 8861 K' Ks 18 59.8 I 00 Alt. corr. +2.5

	Sc.1		Sc.2	Lu	Magn	Sc.1	P.C.	Sc.2	Lu	Magn
1	B					4.7 6.5	6.70 00	6.7	0.97	7.67
2	3.3 3.1			5.62	8.92			8.8	0.22	9.02
3	4.7 4.5	4.90 32	5.1	5.23	10.13			7		
4	5.7 5.5	5.70 00	5.7	4.95	10.65					
5	6.7 6.5	6.60 11	6.5	4.68	11.28					
6	6.8 6.6	6.85 01	6.9	4.60	11.45					
7			7.4	4.48	11.88					
8			7.5	4.46	11.96					
9			8.3	4.42	12.72					
10			9.1	4.51	13.61					
11			9.3	4.54	13.84					
12			9.3	4.54	13.84					
13			9.5	4.60	14.10					
14			7							
15			7							
16			7							
17			7							

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

1916phae.proj.1021L

Wednesday, March 22, 1916

Scale m | mc 8861 (cont.) | diff. images

	Sc 1	Sc 2	Sc 1 − Sc 2	Cir Magn	
1	6.3	6.55 (10)	6.4 (8.6)	1.44	7.99
2	8.5	8.45 (10)	8.4	1.14	9.59
3	9.7	9.50 (11)	9.9	0.84	10.64
4	〃		〃		
5	〃		〃		

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

1916phae.proj.10211

Scale m MC 8862 Pole

	Sc. 1		Sc. 2	Sc. 1	P.C.	Sc. 2
5	B			4.7 4.5 5.5	4.90 3.2	5.1
6	B			5.3	5.55 1.0	5.6
8	2.5 2.3					7.5
9	2.9 2.7					8.3
10	3.1 2.9					8.6
11	3.5 3.6					9.5
12	4.0 3.8	4.15 2.1	4.3			9.6
13	4.9 4.7	5.00 1.1	5.1			9.8
14	5.4 5.2	5.35 0.1	5.3			9.9
15	5.9 5.7	5.80 1.1	5.7			7
16	6.6 6.4	6.55 0.1	6.5			
17	6.7 6.5	6.70 1.1	6.9			
18			7.5			
19			7.7			
20			8.3			
23			8.7			
25			9.1			
26			9.7			
27			9.8			
28			9.9			

See page 126.

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

1916phae.proj.1021L

Wednesday, March 22, 1916

Scale m | mc 8862 (cont.) | diff. images

	Sc.1 Sc.2	Sc.1 Sc.2
		g h
	3.8	3.8
5	3.6 3.80	3.6
	4.7	4.9
6	4.5 4.80	4.7
	6.7	6.8
8	6.5 6.75	6.6
9	7.5 7.50	7.5
10	7.7 7.75	7.8
11	8.6 8.65	8.7
12	8.8 8.80	8.8
13	9.4 9.45	9.5
14	9.8 D.P.	
15	9.9 9.90	9.9
16	F	F

12.40

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

1916phae.proj.10211

Friday, March 24, 1916

11.00

Sheet no 302.

Scale m	MC 3108 Sc.1	Sc.2		Pole 3114 P. 143		Series MC 67 Sc.1 P.C.		Sc.2		
5	B					5.31 5.8	5.30	5.3	4.35 4.82	1.67
6	B					6.4 6.2	6.35	6.3	5.55 5.95	1.16
8	2.5 2.3			2.5 2.50	5.73			8.3	8.3 8.30	-0.07
9	2.9 2.7			2.9 2.90	5.93			9.1	9.3 9.20	-0.37
10	3.7 3.5			3.5 3.60	5.42			9.5	9.3 9.40	-0.38
11	3.9 3.7	4.10	4.3	3.7 3.90	5.65			9.8	9.6 9.70	-0.15
12	4.7 4.5	4.60	4.5	3.9 4.25	5.61			9.9	9.9 9.	-0.04
13	5.5 5.3	5.50	5.5	4.90 5.20	5.10			7		
14	5.8 5.6	5.70	5.6	5.40 5.55						
15	6.5 6.3	6.50	6.5	4.00 6.25	4.83					
16	6.9 6.7	6.90	6.9	6.50 6.70	4.70					
17			7.8	6.80 7.30	4.33					
18			8.3	7.5 7.90	4.16					
19			8.6	8.3 8.45	3.97					
20			8.8	8.6 8.70	4.03					
23			9.5	9.4 9.45	3.89					
25			9.9	9.7 9.80	4.07					
26			7							
27			n.s							

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

1916phae.proj.1021L

Friday. March 24, 1916

Copied B 9:122

Scale m	MC 3109					J Lear Mm	9 43 +33.7				Ref. corr. +.22	
	Sc. 1		Sc. 2	Cu	Magn	Sc. 1	P. C	Sc. 2	Cu	Magn		
1	B							8.1	0.00	8.10		
2	2.8 2.6		B	5.80	8.60			9.1	−0.32	8.78		
3	4.1 3.9		B	5.50	9.60			9.5	−0.28	9.22		
2	4.6 4.4	4.55	0 1 4.5	5.38	9.93			8.5	−0.14	8.36		
2'	5.0 4.8	5.25	3 3 5.5	5.14	10.39			J				
2²	5.6 5.4	5.55	0 1 5.5	5.02	10.57							
β	4.9 4.7	5.00	1 1 5.1	5.24	10.24							
γ	5.9 5.7	5.70	2 3 5.5	4.98	10.68							
δ	6.4 6.2	6.35	0 1 6.3	4.74	11.09							
ε	6.9 6.7	6.80	1 1 6.7	4.58	11.38							
a	6.7 6.5	6.70	0 0 6.7	4.61	11.31							
b	6.9 6.7	6.85	1 0 6.8	4.56	11.41							
c	7.0 6.8	7.05	0 1 7.1	4.48	11.53							
d	7.1 6.9	7.15	1 0 7.2	4.42	11.57							
d'			7.3	4.38	11.68							
d²			8.1	4.10	12.20							
e			8.7	3.96	12.66							
f			8.3	4.04	1234							
g			8.9	3.95	12.85							
h			9.3	3.93	13.23							
k			9.3	3.93	13.23							
l			9.8	3.99	13.79							
m			J									

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

1916phae.proj.1021L

Friday, March 24, 1916

Lopeid B 9:125

Scale m MC 3110 W Leonis 10 48 +14.2 Alt cor +16

	Sc 1		Sc 2	Cu	Magn	Sc 1	P.C.	Sc 2	Cu	Magn
a	3.0 2.8			5.78	8.78			8.7	−0.21	8.49
b	3.1 2.9			5.74	8.84			8.1	0.00	8.10
b'	3.0 2.8		B	5.78	8.78			8.6	−0.18	8.42
b^2	3.8 3.6		B	5.58	9.38			9.5	−0.28	9.22
c	4.6 4.4	4.75 31	4.9	5.32	10.07			~~A.8~~		
d	5.5 5.3	5.50 00	5.5	5.05	10.55			n.s		
e	5.5 5.3	5.50 00	5.5	5.05	10.55					
f	6.1 5.9	5.95 12	5.8	4.87	10.82					
g	5.6 5.4	5.60 00	5.6	5.01	10.61					
h	6.9 6.7	6.70 22	6.5	4.61	11.31					
k	6.8 6.6	6.75 01	6.7	4.60	11.35					
l			7.3	4.37	11.67					
m	6.9 6.7	6.90 00	6.9 ~~8.1~~	4.53	11.43					
m'	6.9 6.7	6.85 10	6.8	4.56	11.41					
m^2			8.1	4.10	12.20					
m^3			8.6	4.00	12.60					
n			8.8	3.95	12.75					
o			8.7	3.96	12.66					
p			9.3	3.93	13.23					
q			9.3	3.93	13.23					
r			9.6	3.97	13.57					
s			9.9	4.00	13.90					

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

1916phae.proj.1021L

Friday. March 24, 1916

Copied B 9: 126

Scale m MC 3111 SU Drac. 11 32 +68 0 Alt. corr +.18

	Sc 1		Sc 2	Cu	magn	Sc 1 P.C.	Sc 2	Cu	magn
	3.7								
a	3.5			5.60	9,30		J.P		
	4.7								
b	4.5	4.90 (3 2)	5.1	5.27	10,17		9.8	-.10	9.70
	4.9								
c	4.7	5.10 (2 2)	5.3	5.20	10,30		9 9	-0.05	9.85
	5.7								
d	5.5	5.70 (0 0)	5.7	4.78	10,68		J		
	5.0								
e	4.8	5.15 (3 1)	5.3	5.19	10,34				
	5.9								
f	5.7	5.90 (0 0)	5.9	4.90	10,80				
	6.8								
g	6.6	6.70 (1 1)	6.6	4.61	11,31				
h			7.4	4.33	11,73				
k			7.7	4.23	11,93				
l			7.6	4.26	11,86				
m			8.3	4.04	12,34				
n			9.1	3.93	13,03				
o			9.3	3.93	13,23				
p			9.4	3.94	13,34				
q			9.7	3.98	13,68				
r			9.9	4.00	13,90				

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

1916phae.proj.1021L

Friday, March 24, 1916

Copied B37:8

Scale m ~~MC 3112~~	mc 3112		a_2		12 00 +75			Alt. corr. +.15	
	Sc.1	Sc.2	In	Magn	Sc.1	P.C.	Sc 2	In	Magn
1	B				4.8 (5.0)	5.15 (3.1)	5.3	1.53	6.68
2	B				5.3 (5.5)	5.60 (3.1)	5.7	1.34	6.94
3	B				6.1 (6.3)	6.30 (3.0)	6.3	0.95	7.25
4	B				5.7 (5.9)	6.10 (3.2)	6.3	1.08	7.18
5	B						7.3	0.38	7.68
6	B						7.6	p 0.22	7.82 p
~~7~~									
7a	2.6 (2.8)		5.80	8.60			8.1	0.00	8.10
8a	3.3 (3.5)		5.65	9.15			8.7	−0.21	8.49
8b	3.7 (3.9)		5.54	9.44			8.9	−0.30	8.60
9	3.5 (3.7)		5.60	9.30			9.1	−0.32	8.78
10	3.6 (3.8)		5.58	9.38			9.3	−0.32	8.98
11	2.9 (3.1)	B	5.74	8.84			9.6	−0.22	9.38
12	4.9 (5.1)	5.10 (0.0) 5.1	5.20	10.30			9.9 ~~J~~ J	−0.05	9.85
13	4.5 (4.7)	4.90 (3.2) 5.1	5.27	10.17					
14	5.2 (5.4)	5.35 (0.1) 5.3	5.10	10.45					
15	5.6 (5.8)	5.75 (0.1) 5.7	4.95	10.70					
16	5.8 (6.0)	5.85 (2.1) 5.7	4.92	10.77					
17	5.7 (5.9)	5.80 (1.1) 5.7	4.93	10.73					
18		7.5	4.30	11.80					
15a		7.3	4.38	11.68					
17a		7.4	4.33	11.73					
19		8.3	4.04	12.34					
20		7.6	4.26	11.86					
21		8.4	4.02	12.42					
21a		8.3	4.04	12.34					
21b		8.6	4.00	12.60					
22		8.3	3.95	12.75					

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

1916phae.proj.1021L

Friday. March 24, 1916

Scale m MC 3112 (cont.) Corr. corr + .15

	Sc.1	Sc.2	Cor	magn
23		9.5	3.95	13.45
24		9.7	3.98	13.68
25		9.7	3.98	13.68
25a		9.9	4.00	13.90
25b		7		

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

1916phae..proj..102L

Friday, March 24, 1916

Copied B37:34

Scale m	MC 3113		B5		12 00 +45			Gilt corr +0.20	
	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
1	B				6.1 5.9	4.20 1 1	6.3	1.00	7.20
2	B				5.9 5.7	6.10 3 2	6.3	1.08	7.18
3	2.6 2.4		5.83	8.43			7.6	0.22	7.82
4	3.0 2.8		5.78	8.78			8.1	0.00	8.10
5	3.0 2.8		5.78	8.78			8.4	-0.10	8.30
6	2.1 1.9						8.3	-0.06	8.24
7	3.0 2.8		5.78	8.78			9.2	-0.32	8.88
8	3.5 3.3		5.65	9.15			9.3	-0.32	8.98
9	3.7 3.5		5.60	9.30			9.5	-0.28	9.22
10	3.9 3.7	4.10 3 2 4.3	5.50	9.60			J.P		
10a	3.9 3.7	B	5.54	9.44			7		
11	2.7 2.5	B	5.82	8.52			9.3	-0.32	8.98
12	4.9 4.7	5.10 3 2 5.3	5.20	10.30			7		
13	5.5 5.3	5.45 1 0 5.4	5.07	10.52					
14	5.6 5.4	5.65 0 1 5.7	5.00	10.65					
14a	6.5 6.3	6.40 1 1 6.3	4.72	11.12					
15	5.5 5.3	5.50 0 0 5.5	5.05	10.55					
16	5.7 5.5	5.65 1 0 5.6	5.00	10.65					
17a	5.7 5.5	5.60 1 1 5.5	5.01	1061					
18	6.9 6.7	6.80 1 1 6.7	4.58	11.38					
19		7.6	4.26	11.86					
20		8.2	4.07	12.27					
21		8.3	4.04	12.34					
22		8.4	4.02	12.42					
23		8.7	3.96	12.66					
24		9.1	3.93	13.03					
25		9.1	3.93	13.03					
26		9.3	3.93	13.23					

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

1916phae.proj.1021L

Friday, March 24, 1916

Scale m mc 3113 (cont.) Plate. corr. t. -2.2

	Sc 1	Sc 2	Rx	magn
27		9.1	3.93	13.03
27a		9.3	3.93	13.23
28		7		
~~17b 6~~				
~~17c~~				

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

1916phae.proj.1021

Friday. March 24, 1916

Scale m MC 3114 Pole

	Sc 1		Sc 2
5	B		
6	B		
8	2.3		
9	2.7		
10	3.3		
11	3.5		
12	3.7		B
13	4.7	4.90	4.9
14	5.3	5.40	5.3
15	5.7	6.00	6.1
16	6.3	6.50	6.5
17	6.7	6.80	6.7
18			7.5
19			8.3
20			8.6
23			9.4
25			9.7
26			N.S

Sc 1	P.C.	Sc 2
4.1	4.35	4.4
5.3	5.55	5.6
		8.3
		9.3
		9.3
		9.6
		7

1.00

See page 135.

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

1916phae.proj.1021L

Monday, March 27, 1916

11.20

Chart no 303.

Scale m | mc 10488 | Pole | Series mc 640

	Sc.1		Sc.2	10493 p 154		Sc.1	P.C.	Sc.2		
5	B					5.0 4.8	5.15 2 1	5.3	4.75 4.95 20 20	1.54
6	B					5.9 5.7	5.80 1 1	5.7	5.40 5.60 20 20	1.51
8	2.9 2.5			2.7 2.80 1 1	5.43			7.4	7.10 7.25 15 15	0.98
9	3.1 2.9			3.3 3.20 1 1	5.63			7.9	7.9 7.90 0 0	0.93
10	3.6 3.4			3.3 3.45 2 1	5.57			8.3	8.1 8.20 1 2	0.82
11	3.9 3.7			4.0 3.95 1 0	5.60			8.7	8.6 8.65 1 0	0.90
12	4.3 4.1	4.410 1 1	4.5	4.20 4.30 10 10	5.56			9.2	8.9 9.05 2 1	0.81
13	5.0 4.8	4.95 0 1	4.9	4.90 4.92 03 02	5.38			9.5	9.5 9.50 0 0	0.80
14	5.5 5.3	5.40 1 1	5.3	5.20 5.35 05 05	5.30			9.5	9.6 9.55 1 0	1.10
15	5.9 5.7	5.80 1 1	5.7	5.70 5.75 05 05	5.33			J	9.8 Q.	1.25
16	6.6 6.4	6.45 2 1	6.3	6.30 6.38 07 05	5.02				9.9 Q.	1.50
17	6.7 6.5	6.70 0 0	6.7	6.40 6.55 15 15	5.08					
18	7.1 6.8	7.10 0 0	7.1	7.10 7.10 0 0	4.96					
19			7.6	7.5 7.55 0 1	4.87					
20			7.9	7.7 7.80 1 1	4.93					
23			8.5	8.5 8.50 0 0	4.84					
25			9.1	9.1 9.10 0 0	4.77					
26			9.3	9.3 9.30 0 0	5.03					
27			9.6	9.5 9.55 0 1	5.14					
28			9.7	9.6 9.65 1 0	5.46					
29			9.8	9.9 9.85 0 1	5.81					
30			J							

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

1916phae.proj.1021

Monday, March 27, 1916

Scale m	MC 10488		(cont.)		diff. images
	Sc.1	Sc.2	Sc.1	Sc.2	
5	4.6 g 4.4	4.65 .01 4.7 4.5	4.60	4.62 .03 .02	1.89
6	5.7 5.5	5.70 .00 5.7 5.5	5.50	5.60 .10 .10	1.51
8	6.9 6.7	6.90 .00 6.9 6.7	6.90	6.90 .00 .00	1.93
9	7.6	7.60 .00 7.8 b	7.50	7.55 .05 .05	1.28
10	8.2	8.05 .21 7.9	7.80	7.92 .13 .12	1.10
11	8 4	8.45 .01 8.5	8.40	8.42 .03 .02	1.13
12	8 6	8.65 .01 8.7	8.65	8.65 .00 .00	1.21
13	8 7	9.00 .33 9.3	8.85	8.92 .08 .07	1.38
14	9 4	9.45 .01 9.5	9.40	9.42 .03 .02	1.23
15	9.6	9.65 .01 9.7	9.65	9.65 .00 .00	1.43
16	9.8	9.80 .00 9.8	9.90	9.85 .05 .05	1.55
17	9.9 f		9.9 a.		1.73

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

1916phae.proj.1021L

Monday, March 27, 1916

Copied B7:106

Card

Scale m MC 10489 103K 11 50 I 00 Alt. corr. +.05

	Sc 1		Sc 2	Cu	Magn	Sc 1 P.C.	Sc 2	Cu	Magn
	2.7								
1	2.5			5.58	8.28		7.6	0.97	8.57
	2.9								
2	2.7			5.60	8.50		8.5	0.85	9.35
3	JP.						9.1	0.87	9.97
	5.0								
4	4.8	4.95	4.9	5.39	10.34		9.7	1.13	10.83
	5.1								
5	4.9	5.25	5.4	5.33	10.58		9.9	1.34	11.24
	6.3								
6	6.1	6.20	6.1	5.14	11.34		7		
	7.0								
7	6.8	7.15	7.3	4.95	12.10				
8			7.7	4.86	12.56				
9			7.7	4.86	12.56				
10			8.6	4.83	13.43				
11			8.7	4.84	13.54				
12			9.1	4.90	14.00				
13			9.7	5.50	15.20				
14			9.7	5.50	15.20				

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

1916phae.proj.10211

Monday, March, 27, 1916

Scale m | MC 10489 (cont.) | diff. images | Alt. corr. +.05

	Sc. 1	Sc. 2		Sc 1 Sc 2	Av	magn
			g		h	
1	6.9	7.00	11	6.7	1.30	8.30
2	7.7	7.70	00	7.7	1.21	8.91
3	8.7	8.50	22	8.3	1.20	9.70
4	9.1	9.30	22	9.5	1.34	10.64
5	9.5	9.60	11	9.7	1.44	11.04
6	9.9	9.90	00	9.9	1.60	11.50
7	7			7		
13						
14						
15						

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

1916phae.proj.1021L

Monday, March 27, 1916

Copied B10:140

Cand

Scale m | MC 10490 | Carte | 12 00 −10 | Alt. corr. −.09

	Sc 1		Sc 2	Ru	magn	Sc 1	P.C.	Sc 2	Ru	magn
	2.9									
1	2.7			5.60	8.50			7.8	0.92	8.72
	3.3									
2	3.1			5.60	8.90			7.9	0.90	8.80
	3.5									
3	3.3			5.60	9.10			8.3	0.76	9.86
	3.6									
4	3.4		B	5.59	9.19			8.5	0.85	9.35
	4.5									
5	4.3	4.40 11	4.3	5.50	9.90			9.1	0.87	9.97
	4.7									
6	4.5	4.70 00	4.7	5.43	10.13			9.5	1.01	10.51
	4.7									
7	4.5	5.00 33	5.3	5.38	10.38			9.5	1.01	10.51
	5.3									
8	5.1	5.40 11	5.5	5.29	10.69			9.7	1.13	10.83
	5.7									
9	5.5	5.75 10	5.8	5.22	10.97			9.9	1.34	11.24
	6.6							7		
10	6.4	6.55 01	6.5	5.08	11.63					
	7.1									
11	6.9	7.10 00	7.1	4.97	12.07					
	7.0									
12	6.8	6.95 01	6.9	5.00	11.95					
13			7.5	4.90	12.40					
14			7.7	4.86	12.56					
15			8.4	4.82	13.22					
16			8.5	4.82	13.32					
17			8.5	4.82	13.32					
18			9.2	4.94	14.14					
19			9.6	5.34	14.94					
20			9.9	5.73	15.63					

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

1916phae.proj.1021

Monday, March 24, 1916

Scale m MC 10490 (cont.) diff. images alt. corr. -.09

	Sc 1	Sc 2	Sc 1	Sc 2	Cu	Magn
	g		h			
1	6.9	7.1	7.10	6.9	1.28	8.38
2	7.5	7.7	7.60	7.7	1.22	8.82
3	7.7	7.7	7.70	7.7	1.21	8.91
4	8	8	8.10	8	1.20	9.30
5	8.5	8.7	8.60	8.7	1.20	9.80
6	8.7	8.7	8.70	8.7	1.22	9.92
7	9.1	9.2	9.15	9.2	1.30	10.65
8	9.3	9.3	9.30	9.3	1.34	10.64
9	9.7	9.6	9.65	9.6	1.46	11.11
10	9.9	9.9	9.90	9.9	1.60	11.50
11	7	7				

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

1916phae.proj.1021L

Monday, March 27, 1916

Copied B 7: 131

Card.

Scale m

mC 10491 128 12 12 13.8 −15.2 Abb. corr. −.19

	Sc.1	Sc.2		Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
	2.3					7.1				
1	2.1					6.9	7.00 1 1	6.9	1.09	8.09
	2.7									
2	2.5			5.58	8.28			7.3	1.01	8.31
	2.9									
3	2.7			5.60	8.50			8.3	0.76	9.06
	3.6									
4	3.4		B	5.59	9.19			8.8	0.85	9.65
	4.0									
5	3.8		B	5.55	9.55			9.1	0.87	9.97
	5.0									
6	4.8	5.05 0 1	5.1	5.37	10.42			9.5	1.01	10.51
	5.0									
7	4.8	5.15 3 1	5.3	5.34	10.49			9.5	1.01	10.51
	5.3									
8	5.1	5.35 1 0	5.4	5.30	10.65			9.8	1.21	11.01
	5.7									
9	5.5	5.70 0 0	5.7	5.23	10.93			9.9	1.34	11.24
	6.1							5		
10	5.9	6.20 1 1	6.3	5.14	11.34					
11			7.5	4.90	12.40					
12			8.1	4.83	12.93					
13			8.3	4.82	13.12					
14			8.3	4.82	13.12					
15			8.4	4.82	13.22					

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

1916phae.proj.10211

Monday, March 27, 1916

Scale m. MC 10491 (cont.) diff. images alt. corr. -.19

	Sc. 1	Sc. 2	Sc 1 − Sc 2	Ru	magn
1	6.5	6.75	6.6	1.33	8,08
2	6.8	7.00	6.8	1.30	8,30
3	7.3	7.30	7.3	1.25	8,55
4	8.2	J.P.		1.20	9,40
5	8.8	8.80	8.8	1.22	10,02
6	9.1	9.20	9.3	1.32	10,52
7	8.8	9.05	9.3	1.28	10,33
8	J.P.	9.6		1.44	11,04
9	9.8	9.75	9.7	1.50	11,25
10	9.9	9.90	9.9	1.60	11,50

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

1916phae.proj.1021L

Monday, March 27, 1916

Copied B ~~19.58~~ 7:175

Card.

Scale m | mC 10492 | 32 1Fs | 12 55 +28.6 | Alt. corr. +.21

	Sc 1	Sc 2	Cu	Magn	Sc 1	P. C.	Sc 2	Cu	Magn
1	B				5.4 5.2	5.45 ° '	5.5	1.50	6.95
2	B				5.7 5.5	5.75 ± °	5.8	1.43	7.18
3	2.7 2.5		5.58	8.28	7.1 6.9	7.00 ' ±	6.9	1.09	8.09
4	2.7 2.5		5.58	8.28	7.1 6.9	7.10 ° °	7.1	1.06	8.16
5	4.1 3.9	4.10 ° ° 4.1	5.53	9.63			9.1	0.87	9.97
6	4.5 4.3	4.40 ' ± 4.3	5.50	9.90			9.1	0.87	9.97
7	5.3 5.1	5.30 ° ° 5.3	5.32	10.62			9.5	1.01	10.31
8	5.8 5.6	5.75 ° ± 5.7	5.22	10.97			9.8	1.21	11.01
9	5.3 5.1	5.35 ± ° 5.4	5.30	10.65			9.6	1.07	10.67
10	6.1 5.9	5.95 ' ± 5.8	5.19	11.14			MJ		
11	6.9 6.7	6.80 ' ± 6.7	5.06	11.86					
12		7.5	4.90	12.40					
13		7.8	4.85	12.65					
14		7.8	4.85	12.65					
15		8.2	4.82	13.02					
16		8.7	4.84	13.54					
17		8.8	4.84	13.64					

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

1916phae.proj.1021L

Monday, March 27, 1916

Scale m mc 10492 (cont.) diff. images alt. corr. +.21

	Sc.1	Sc.2	Sc.1&2	ch	magn.
	g		h		
1	5.3	5.40	5.1	1.61	7.01
2	5.5	5.65	5.4	1.54	7.19
3	6.7	6.90	6.7	1.32	8.22
4	6.6	6.75	6.5	1.33	8.08
5	8.5	8.60	8.7	1.20	9.80
6	8.7	8.75	8.8	1.22	9.97
7	8.8	9.05	9.3	1.28	10.33
8	9.3	9.40	9.5	1.38	10.78
9	9.3	9.30	9.3	1.34	10.64
10	9.8	9.80	9.8	1.52	11.32
11	9.9	9.90	9.9	1.60	11.50
12	7		7		

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

1916phae.proj.1021L

Monday. March 27, 1916

Scale m

MC 10493 Pole

	Sc.1		Sc.2
5	B		
6	B		
8	2.7 2.5		
9	3.3 3.1		
10	3.3 3.1		
11	4.0 3.8		B
12	4.1 3.9	4.20 +1	4.3
13	4.7 4.5	4.90 +2	5.1
14	5.3 5.1	5.30 00	5.3
15	5.7 5.5	5.70 00	5.7
16	6.4 6.2	6.30 +1	6.2
17	6.5 6.3	6.40 +1	6.3
18	7.1 6.9	7.10 00	7.1
19			7.5
20			7.7
23			8.5
25			9.1
26			9.3
27			9.5
28			9.6
29			9.9
30			H

Sc.1	P.C.	Sc2
4.7 4.5	4.75 +0	4.8
5.3 5.1	5.40 +1	5.5
7.1 6.9	7.10 00	7.1
		7.9
		8.1
		8.6
		8.9
		9.5
		9.6
		9.8
		9.9
		H

See page 144.

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

1916phae.proj.1021

Scale m MC 10493 (cont.) diff. images

	Sc 1	Sc 2	Sc 1 − Sc 2
	g		h
5	4.5 4.3	4.60 .1	4.7 4.5
6	5.5 5.3	5.50 .0	5.5 5.3
8	6.9 6.7	6.90 .0	6.9 6.7
9	7.5	7.50 .0	7.5
10	7.8	7.80 .0	7.8
11	8.3	8.40 .1	8.5
12	8.6	8.65 .01	8.7
13	8.8	8.85 .01	8.9
14	9.3	9.40 .1	9.5
15	9.6	9.65 .01	9.7
16	9.9	9.90 .0	9.9
17	7		7

1.20

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

1916phae.proj.1021L

Tuesday, March 28, 1916

Shut no 303.

1.50

Scale m

	MC 10493 Sc.1		Sc.2	Pole 10499 P166		MC series 640 Sc.1	P.C.	Sc.2		
5	B					4.7 4.5	4.75 1.0	4.8	4.60 4.68 07 05	1.81
6	B					5.3 5.1	5.40 1.1	5.5	5.60 5.50 10 10	1.61
8	2.7 2.5			2.6 2.65 1.0	5.58			7.3	6.90 7.10 20 20	1.13
9	3.4 3.2			2.9 3.15 2.3	5.68			8.1	8.1 8.10 0.0	0.73
10	3.4 3.2			3.0 3.20 2.3	5.82			8.3	8.3 8.30 0.0	0.72
11	3.9 3.7		B	3.6 3.75 1.3	5.80			8.7	8.9 8.80 1.1	0.75
12	4.1 3.9	4.10 0.0	4.1	3.9 4.00 10 10	5.86			9.1	9.4 9.25 1.2	0.61
13	4.7 4.5	4.40 2.2	5.1	4.50 4.70 20 20	5.60			9.7	9.7 9.70 0.0	0.60
14	5.5 5.3	5.40 1.1	5.3	5.60 5.50 10 10	5.15			9.8	9.8 Q.	0.85
15	5.8 5.6	5.75 0.2	5.7	5.60 5.68 07 08	5.40			9.9	9.9 9.90 0.0	1.18
16	6.5 6.3	6.40 1.1	6.3	6.10 6.25 15 15	5.15			7		
17	6.7 6.5	6.60 1.1	6.5	6.70 6.65 05 05	4.98					
18			7.3	7.10 7.20 10 10	4.86					
19			7.5	7.7 7.60 1.1	4.82					
20			7.7	7.8 7.75 1.0	4.98					
23			8.5	8.6 8.55 1.0	4.79					
25			9.1	9.2 9.15 1.0	4.72					
26			9.3	9.5 9.40 1.1	4.93					
27			9.5	9.7 9.60 1.1	5.09					
28			9.8	9.8 9.80 0.0	5.31					
29			9.9	9.9 Q.	5.76					
30			7							

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

1916phae.proj.10211

Scale m MC 10493 (cont) diff. images

		Sc 1	Sc 2	Sc 1	Sc 2			
		g		h				
		4.70		4.6				
61	5	4.5	4.65	4.4	4.20	4.42	23 22	2.07
13	6	5.3 5.1	5.40 11	5.5 5.3	5.15	5.28	12 13	1.83
73	8	6.9 6.7	6.90 00	6.9 6.7	6.85	6.88	02 03	1.35
72	9		7.55 10	7.6	7.55	7.55	00 00	1.28
75	10	7.7	7.75 10	7.8	7.70	7.72	03 02	1.30
61	11	8.5	8.55 10	8.6	8.65	8.60	05 05	0.95
60	12	8.7	8.75 10	8.8	8.75	8.75	00 00	1.11
5	13	9.1	9.10 00	9.1	9.30	9.20	10 10	1.10
8	14	9.4	9.45 01	9.5	9.60	9.52	07 08	1.13
	15	9.7	9.70 00	9.7	9.70	9.70	00 00	1.38
	16	9.9	9.90 00	9.9	9.90	9.90	00 00	1.50
	17	7		7				

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

1916phae.proj.1021L

Tuesday, March 28, 1916

Copied B7:108

Card.

Scale m | MC 10 49 1/5 | 105K | 13 32 +0.1 | Abb. corr. +.06

	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
1	B				5.6	5.80	5.8	1.52	7.32
2	2.7		5.69	8.59			7.9	0.83	8.73
3	3.3		5.77	9.27			8.6	0.66	9.26
4	2.7		5.75	9.05			8.5	0.67	9.17
5	3.3	B	5.77	9.27			9.2	0.61	9.81
6	4.5	4.90	5.52	10.42			9.6	0.70	10.30
7	5.5	5.70	5.27	10.97			9.9	0.90	10.80
8	5.8	6.05	5.16	11.21			7		
9	6.5	6.60	5.01	11.61					
10	6.6	6.75	4.98	11.73					
11			4.82	12.52					
12			4.81	12.61					
13			4.79	13.29					
14			4.85	14.15					
15			5.00	14.50					
16			7						

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

1916phae.proj.1021L

Tuesday, March 28, 1916

Scale m MC 10495 (cont.) diff. images Aet. corr. +.06

	Sc.1	Sc.2		Sc.1	Sc.2	Lu	magn
1	5.5	5.70	00	5.7	5.5	1.72	7.42
2	7.3	7.45	1 2	7.6		1.28	8.73
3	J.P.			8.1		1.15	9.25
4	7.7	7.75	1°	7.8		1.21	8.96
5	8.3	8.35	1°	8.4		1.11	9.46
6	9.3	9.30	00	9.3		1.15	10.45
7	9.8	9.85	0'	9.9		1.46	11.31
8	JP			J.P			
9	9.9	9.90	00	9.9		1.50	11.40
10	J			J			

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

1916phae.proj.1021L

Tuesday, March 28, 1916

1+4 copied B7:61

Card.

Scale m MC 10496 DM 14 00 +30.0 Det. corr. +.21

		Sc.1		Sc.2	Cu	Magn	Sc.1 P.C.	Sc.2	Cu	Magn
1 of K58 =	1	2.9 2.7			5.69	8.59		8.5	0.67	9.17
	2	3.9 3.7		B	5.80	9.70		8.9	0.62	9.52
	3	3.9 3.7	4.00 11	4.1	5.78	9.78		9.3	0.63	9.93
3 of 58 K =	4	4.7 4.5	4.70 00	4.7	5.60	10.30		9.5	0.65	10.15
	5	6.0 5.8	5.85 21	5.7	5.22	11.07		9.9	0.90	10.80
	6	5.7 5.5	5.70 00	5.7	5.27	10.97		9.9	0.90	10.80
	7	6.7 6.5	6.60 11	6.5	5.01	11.61		J		
	8	6.9 6.7	6.85 10	6.8	4.95	11.80				
	9			7.6	4.81	12.41				
	10			7.7	4.82	12.52				
	11			8.1	4.80	12.90				
	12			8.5	4.79	13.29				
	13			8.6	4.79	13.39				
	14			8.5	4.79	13.29				
	15			8.9	4.80	13.70				
	16			9.1	4.82	13.92				
	17			9.4	4.92	14.32				
	18			9.5	5.00	14.50				
	19			9.8	5.40	15.20				
	20			9.8	5.40	15.20				

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

1916phae.proj.1021L

Tuesday, March 28, 1916

Scale m. MC 10496 (cont.) diff. images Aet. corr. +.21

	Sc 1	Sc 2	Sc 1 & 2	Cu	Magn
	g		h		
1	7.7	7.80	7.9	1.20	9,00
2	8.3	8.30	8.3	1.12	9,42
3	8.6	8.65	8.7	1.08	9,73
4	8.8	8.85	8.9	1.08	9,93
5	9.5	9.60	9.7	1.30	10,90
6	9.6	9.65	9.7	1.32	10,97
7	9.8	9.80	9.8	1.42	11,22
8	于		于		

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

1916phae.proj.1021L

Tuesday, March 28, 1916

Copied B 10: 141

Cand.

Scale m | MC 10497 - Carte | 13 59.7 −10.0 | Alt. corr. −.08

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	B				3.9 3.7		B		
2	B				4.9 4.7	4.90 00	4.9	1.78	6.68
3	B						6.5	1.30	7.80
4	3.6 3.4	B	5.78	9.38			8.4	0.70	9.18
5	4.3 4.1	4.20 11	4.1	5.73	9.93		9.1	0.62	9.72
6	4.7 4.5	4.70 00	4.7	5.60	10.30		9.7	0.75	10.45
7	5.5 5.3	5.40 11	5.3	5.37	10.77		9.8	0.80	10.60
8	5.6 5.4	5.55 01	5.5	5.30	10.85		9.9	0.90	10.80
9	5.8 5.6	5.70 11	5.6	5.27	10.97		J		
10	6.1 5.9	6.20 11	6.3	4.89	11.09				
11	7.1 6.9	7.00 11	6.9	4.92	11.92				
12			8.7	4.79	13.49				
13			8.1	4.80	12.90				
14			8.3	4.80	13.10				
15			8.4	4.80	13.20				
16			9.1	4.82	13.92				
17			9.5	5.00	14.50				
18			9.5	5.00	14.50				
19			9.8	5.40	15.20				
20			J						

Remeas Jan 11, 1918 sc 2

7.4

Look up 8.7

8.3

No error in orig. meas. of 12. Rec. O.

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

1916phae.proj.1021L

Tuesday, March 28, 1916

Scale m | MC 10497 | (cont.) | diff. images | Dec. corr. −.08

	Sc.1	Sc.2	Sc.1	Sc.2	Qu	Magn
			g	w		
1	3.5	3.70	3.5	3.7		
2	4.5	4.55	4.2	4.4	2.02	6.57
3	5.7	6.15	6.2	6.4	1.60	7.75
4	7.6	7.60	7.6		1.23	8.83
5	8.6	8.65	8.7		1.08	9.73
6	9.1	9.15	9.2		1.11	10.26
7	9.4	9.45	9.5		1.22	10.67
8	9.5	9.60	9.7		1.30	10.96
9	9.8	9.80	9.8		1.40	11.20
10	9.9	9.90	9.9		1.50	11.40
11	7		7			

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

1916phae.proj.1021L

Tuesday, March 28, 1916

Scale m	mC 10498 Sc. 1	Sc. 2	DM Cu	Magn	14 0.4 ± 0.0 Sc. 1	P. C.	Sc. 2	Alt corr. +.06 Cu	Magn
1	B				6.9 6.7	6.75 1 2	6.6	1.22	1,97
2	2.9 2.7		5.69	8.59			7.9	0.83	8,73
3	9.8 3.6		5.80	9,60			8.7	0.64	9,34
4	3.8 3.6	B	5,80	9.60			8.9	0.62	9,52
5	5.1 4.9	5.30 32 5.5	5.40	10,70			9.8	0.80	10.60
6	6.0 5.8	6.05 01 6.1	6.16	11,21			F		
7	6.7 6.5	6.55 12 6.4	5.02	11.57			F		
8	6.9 6.7	6.90 00 6.9	4.93	11,83					
9		7.3	4.87	12,17					
10		7.5	4.83	12,33					
11		7.6	4.81	12,41					
12		7.8	4.81	12,61					
13		7.9	4.80	12,70					
14		8.5	4.79	13.29					
15		8.5	4.79	13,29					
16		9.2	4.85	14.03					
17		9.1	4.82	13,92					
18		9.3	4.85	14,15					
19		9.8	5,40	15,20					
20		9.9	5,60	15,50					

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

1916phae.proj.1021L

Scale: m mc10498 (cont.) diff. images Alt. corr. +.06

	Sc.1 Sc.2	Sc.1 Sc.2	Cu	magn
		g w		
1	6.5 6.7 6.70 0.0 6.7 6.5		1.44	8.14
2	7.4 7.40 0.0 7.4		1.29	8.69
3	8.3 8.35 0.1 8.4		1.11	9.46
4	8.6 8.55 0.1 8.5		1.08	9.63
5	9.5 9.60 0.1 9.7		1.30	10.90
6	9.9 9.90 0.0 9.9		1.50	11.40
7	才 才			
8	才 才			

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

1916phae.proj.1021L

Tuesday, March. 28, 1916

Scale m

MC 10499 Pole

	Sc.1		Sc.2
5	B		
6	B		
8	2.6 2.4		
9	2.9 2.7		
10	3.0 2.8		
11	3.6 3.4		
12	3.9 3.7		B
13	4.5 4.3	4.50	4.5
14	5.6 5.4	5.60	5.6
15	5.7 5.5	5.60	5.5
16	6.1 5.9	6.10	6.1
17	6.8 6.6	6.70	6.6
18	7.1 6.9	7.10	7.1
19			7.7
20			7.8
23			8.6
25			9.2
26			9.5
27			9.7
28			9.8
29			7
30			7

Sc.1	P. C.	Sc.2
4.5 4.3	4.60	4.7
5.5 5.3	5.60	5.7
6.9 6.7	6.90	6.9
		8.1
		8.3
		8.9
		9.4 ~~9.4~~
		9.7
		7 P
		9.9
		7

See page 156

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

1916phae.proj.1021L

Scale m mc10499 (cont.) diff images

	Sc1	Sc2	Sc1	Sc2
			h	
5	3.9	4.20	4.1	
6	4.8	5.15	5.1	
8	6.6	8.85	6.7	
9	7.6	7.55	7.5	
10	7.7	7.70	7.7	
11	8.6	8.65	8.7	
12	8.6	8.75	8.9	
13	9.3	9.30	9.3	
14	9.6	9.60	9.6	
15	9.7	9.70	9.7	
16	9.9	9.90	9.9	
17	于		于	

3.35

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

1916phae.proj.1021L

Thursday, March 30, 1916

10.50

Copied B 10:119

Scale m | MC 9294 | Carte | 17 58 50 +49 Series MC 549 | Glt corr -10

	Sc 1		Sc 2	Cu	magn	Sc 1	P. C.	Sc. 2	Cu	magn
						7.0				
1	B					6.8	6.95 01	6.9	1.24	8,19
2	2.7 2.5			5.79	8,49			8.5	0.78	9.28
3	3.0 2.8			5.86	8,86			9.1	0.74	9.84
4	3.9 3.7		B	5.90	9,80			J. P.		
5	3.8 3.6	3.95 21	4.1	5.90	9.85			9.7	0.95	10.65
6	4.9 4.7	5.00 11	5.1	5.71	10,71			9.9	1.10	11.00
7	4.9 4.7	5.10 32	5.3	5.68	10,78			9.9	1.10	11.00
8	5.0 4.8	5.15 21	5.3	5.66	10,81			J		
9	5.5 5.3	5.50 00	5.5	5.56	11,06					
10	5.9 5.7	5.85	5.8	5.47	11,32					
11	5.9 5.7	5.80 11	5.7	5.48	11,28					
12	6.3 6.1	6.20 11	6.1	5.36	11,56					
13	6.8 6.6	6.80 00	6.8	5.22	12,02					
14	6.9 6.7	7.00 11	7.1	5.17	12,17					
15	7.1 6.9	7.15 10	7.2	5.14	12,39					
16	X		7.5	5.08	12,58					
17			8.2	5.02	13,22					
18			8.7	5.06	13,76					
19			9.5	5.37	14,87					
20			J							

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

1916phae.proj.1021L

Scale m mc 9294 (cont.) diff. images

	Sc.1	Sc.2	Sc.1	Sc.2	Cu	magn
			g	h		
1	6.5	6.75	6.7	6.6	1.36	8.11
2	7.7	7.70		7.7	1.38	9.08
3	8.5	8.60		8.7	1.25	9.85
4	9.1	9.15		9.2	1.29	10.44
5	9.3	9.40		9.5	1.35	10.75
6	9.8	9.80		9.8	1.54	11.34
7	9.9	9.90		9.9	1.63	11.53
8	9.9	9.90		9.9	1.63	11.53
9	⅂			⅂		

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

1916phae.proj.1021L

Thursday, March 30, 1916

Shut No 300

Scale m. MC 9295 Pole

	Sc.1	Sc.2			Sc.1	P.C.	Sc.2			
			9300 P. 180		4.4					
5	B				4.2	4.45 $^{0}_{1}$	4.5	4.75	4.60 $^{15}_{15}$	1.89
6	B				5.1 4.9	5.20 $^{1}_{1}$	5.3	6.7	5.80 5.50 $^{20}_{30}$	1.61
8	2.5 2.3		2.7	2.60 $^{1}_{1}$ 5.63	6.8 6.6	6.75 $^{0}_{1}$	6.7	7.00	6.88 $^{13}_{12}$	1.35
9	2.8 2.6		2.9	2.85 ^{01} 5.98			7.7	8.1	7.90 $^{2}_{2}$	0.93
10	2.9 2.7		3.4	3.15 ^{32} 5.87			7.9	8.2	8.05 ^{12}	0.97
11	3.5 3.3		3.8	3.65 ^{12} 5.98			8.7	8.9	8.80 ^{11}	0.75
12	3.6 3.4		4.45	4.02 $^{42}_{43}$ 5.84			9.2	9.1	9.15 ^{01}	0.71
13	4.1 3.9	4.20 ^{11} 4.3	4.65	4.42 $^{22}_{23}$ 5.98			9.5	9.4	9.45 ^{10}	0.85
14	4.5 4.3	4.60 ^{11} 4.7	5.30	4.95 $^{35}_{35}$ 5.70			9.8	9.8	9.80 ^{00}	0.85
15	5.0 4.8	5.15 ^{31} 5.3	5.65	5.40 $^{25}_{25}$ 5.68			9.8	9.9	9.85 ^{01}	1.23
16	5.8 5.6	5.75 ^{01} 5.7	6.40	6.08 $^{33}_{32}$ 5.32			J			
17	5.9 5.7	5.85 ^{10} 5.8	6.70	6.28 $^{43}_{42}$ 5.35						
18	6.8 6.6	6.75 ^{01} 6.7	7.15	6.95 $^{20}_{20}$ 5.11						
19	7.1 6.9	7.20 ^{11} 7.3	7.3	7.25 $^{05}_{05}$ 5.17						
20		7.6	7.7	7.65 ^{01} 5.08						
23		8.3	8.4	8.35 ^{10} 4.99						
25		8.7	8.7	8.70 ^{00} 5.17						
26		9.2	9.1	9.15 ^{01} 5.18						
27		9.6	9.4	9.50 ^{11} 5.19						
28		9.8	9.5	9.65 ^{21} 5.46						
29		J	9.9	Q. 5.76						
30		N S	9.9	Q. 6.14						

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

1916phae.proj.1021L

Thursday, March 30, 1916

Scale m	MC 9295			(cont.)		diff. images
	Sc.1	Sc.2	Sc1Sc2			
	3.9 g		3.8 h			
5	3.7	3.85	3.6	4.00	3.92	2.57
6	4.3	4.55	4.4	5.00	4.78	2.33
8	5.8	6.00	5.8	6.70	6.35	1.88
9	6.9	7.15	6.8	7.55	7.30	1.53
10	7.7	7.60	7.5	7.65	7.62	1.40
11	8.3	8.20	8.1	8.50	8.35	1.20
12	8.4	8.55	8.7	8.60	8.58	1.28
13	8.8	8.80	8.8	9.10	8.95	1.35
14	9.3	9.40	9.5	9.40	9.40	1.25
15	9.7	9.75	9.8	9.55	9.65	1.43
16	9.8	9.85	9.9	9.85	9.85	1.65
17	∓		∓	9.98 a		1.73

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

1916phae.proj.1021L

Thursday March 30, 1916

Copied B 37:140

Scale m | MC 9297 | D 11 | 21 00 20 −15.1 | Alt. corr. −.22

	Sc 1	Sc 2	Cu	magn	Sc 1	P.C.	Sc 2	Cu	magn
1					5.4 5.2	5.45 $^{0\ 1}$	5.5	1.68	7.13
2					5.7 5.5	5.70 $^{0\ 0}$	5.7	1.59	7.29
3					5.9 5.7	5.80 $^{1\ 1}$	5.7	1.56	7.36
4					5.7 5.5	5.70 $^{0\ 0}$	5.7	1.59	7.29
5					6.3 6.1	6.40 $^{1\ 1}$	6.5	1.40	7.80
6					5.9 5.7	6.10 $^{2\ 2}$	6.3	1.49	7.59
7					6.6 6.4	6.45 $^{2\ 1}$	6.3	1.38	8.83
8	B				6.0 5.8	5.95 $^{0\ 1}$	5.9	1.24	7.19
9	B				6.9 6.7	7.00 $^{1\ 1}$	7.1	1.22	8.22
10	B						7.3	1.13	8.43
11	B						7.6	1.05	8.65
12	B						7.9	0.96	8.86
13	2.6 2.4		5.77	8.37			8.5	0.78	9.28
14	2.8 2.6		5.82	8.62			9.1	0.74	9.84
15	3.4 3.2		5.89	9.29			9.3	0.78	10.08
16	3.5 3.3		5.90	9.40			9.3	0.78	10.08
17	3.5 3.3		5.90	9.40			9.8 5	0.85	10.35
18	3.7 3.5		5.90	9.60			9.5	0.85	10.35
19	3.8 3.6		5.90	9.70			9.8	1.03	10.83
20	3.7 3.5		5.90	9.60			9.7	0.95	10.65
21	4.0 3.8	4.05 $^{0\ 1}$ 4.1	5.89	9.94			9.8	1.03	10.83
22	3.9 3.7	4.00 $^{1\ 1}$ 4.1	5.89	9.89			9.8	1.03	10.83
23	4.6 4.4	4.55 $^{0\ 1}$ 4.5	5.83	10.38			J		
24	4.3 4.1	4.40 $^{1\ 1}$ 4.5	5.86	10.26					
25	5.0 4.8	5.15 $^{2\ 1}$ 5.3	5.66	10.81					
26	5.5 5.3	5.50 $^{0\ 0}$ 5.5	5.56	11.06					
27	5.7 5.5	5.65 $^{1\ 0}$ 5.6	5.52	11.17					
28	6.0 5.8	5.90 $^{1\ 1}$ 5.8	5.45	11.35					

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

1916phae.proj.1021L

Thursday, March 30, 1916

Scale m MC 9297 (cont.) Wk. corr. -.22

	Sc.1	Sc.2	Cu	Magn
	6.5			
29	6.3 6,50.00	6.5	5.28	11,78
30	7.1 6.9 7.10.00	7.1	5.15	12,25
31		7.6	5.08	12,68
32		7.7	5.07	12,77
33		7.7	5.07	12,77
34		8.3	5.02	13,32
35		8.7	5.06	13,76
36		8.6	5.04	13,64
37		9.3	5.26	14,56
38		9.3	5.26	14,56
39		9.3	5.26	14,56
40		9.8	6.70	15,50
41		9.8	5.70	15,50
39a		9.7	5.56	15,26

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

1916phae.proj.1021L

Thursday, March 30, 1916

Scalem | MC9297 (cont.) | diff. images

	Sc.1	Sc.2	Sc.1	Sc.2	Rv	Magn	
	g		h				
1	4.5 4.3	4.50	00	4.5 4.3	2.44	6.94	
2	4.8 4.6	4.90	⊥1	5.0 4.8	2.32	7.22	
3	∇P			∇P			
4	5.1 4.9	5.00	11	4.9 4.7	2.30	7.36	
5	5.5 5.3 4.9	5.40	11	5.2 5.1	2.19	7.59	
6	5.0 4.8	4.95	01	4.9 4.7	2.31	7.26	
7	5.7 5.5	5.80	11	5.9 5.7	2.07	7.84	
8	5.8 5.6	5.25	01	5.7 5.5	2.08	7.83	
9	6.6 6.4	6.70	⊥1	6.8 6.6	1.76	8.46	
10	6.7 6.5	6.80	⊥1	6.9 6.7	1.72	8.52	
11	6.9 6.7	6.95	⊥0	7.0 6.8	1.66	8.61	
12	7.5	7.50	00	7.5	1.47	8.97	
13	7.6	7.55	01	7.5	1.44	8.99	
14	8.3	8.40	⊥1	8.5	1.26	9.66	
15	8.8	8.80	00	8.8	1.25	10.05	
16	8.9	8.90	00	8.9	1.26	10.16	
17	9.3	9.30	00	9.3	1.32	10.62	
18	9.3	9.40	⊥1	9.5	1.35	10.75	
19	9.3	9.40	⊥1	9.5	1.35	10.75	
20	9.4	9.50	⊥1	9.6	1.40	10.90	
21	9.4	9.55	⊥1	9.7	1.42	10.99	
22	9.5	9.65	⊥2	9.8	1.48	11.13	
23	9.8	9.85	01	9.9	1.52	11.37	
24	9.8	9.85	01	9.9	1.52	11.37	
25	∇			∇			

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

1916phae.proj.1021L

Thursday, March 30, 1916

Copied B37:92

Scale m	MC 9298		C 11		59 50 + 15.0			Corr. corr +.14	
	Sc. 1	Sc. 2	Cu	magn	Sc. 1	P.C.	Sc. 2	Cu	magn
1					4.9 4.7	4.90 00	4.9	1.82	6.72
2					5.3 5.1	5.30 00	5.3	1.72	7.02
3	B				6.1 5.9	5.95 13	5.8	1.51	7.46
4	B				6.5 6.3	6.50 00	6.5	1.37	7.87
5	2.4 2.2				6.9 6.7	6.90 00	6.9	1.25	8.15
6	2.5 2.3		5.74	8.24	6.9 6.7	6.98 00	6.9	1.25	8.15
7	2.7 2.5		5.79	8.49			7.3	1.13	8.43
8	2.7 2.5		5.79	8.49			7.6	1.05	8.65
9	3.1 2.9		5.87	8.97			8.3	0.84	9.14
10	3.1 2.9		5.87	8.97			8.5	0.78	9.28
11	3.6 3.4		5.90	9.50			9.1	0.74	9.84
12	3.6 3.4		5.90	9.50			8.9	0.74	9.64
13	3.8 3.6	B	5.90	9.70			9.3	0.78	10.08
14	3.9 3.7	B	5.90	9.80			9.5	0.85	10.35
15	3.9 3.7	4.3	5.90	9.80			9.5	0.85	10.35
16	4.9 4.7	4.90 00	4.9 5.74	10.64			9.9	1.10	11.00
17	5.0 4.8	5.15 21	5.3 5.66	10.81			9.8	1.03	10.83
18	5.1 4.9	5.30 22	5.5 5.63	10.93			JP		
19	5.6 5.4	5.65 01	5.7 5.52	11.17			J		
20	5.9 5.7	5.80 11	5.7 5.48	11.28					
21	6.0 5.8	6.25 33	6.5 5.34	11.59					
22	6.6 6.4	6.65 01	6.5 5.26	11.91					
23	6.5 6.3	6.40 11	6.3 5.30	11.70					
24			7.4 5.10	12.50					
25			7.3 5.12	12.42					
26			7.8 5.05	12.85					
27			7.8 5.05	12.85					
28			8.1 5.02	13.12					

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

1916phae.proj.1021L

Thursday, March 30, 1916

Scale m | MC 9298 | (cont.) | Extr. corr. +.14

	Sc. 1	Sc. 2	Cu	magn.
29		8.6	5.05	13,65
30		8,8	5.08	13,88
31		9.1	5.17	14,27
32		9.3	5.26	14,56
33		9.6	5.43	15,03
34		9.9	5.80	15,76
35		9.9	5.80	15,70
36		7		

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

1916phae.proj.1021L

Thursday, March 30, 1916

Scale m mc9298 (cont.) diff. images

	Sc.1	Sc.2	Sc.1 Sc.2	Cu	Magn	Alt. coor. +.14
		g	h			
1	4.1	4.30	4.1	2.50	6.80	
2	3.9	4.10	3.9	2.56	6.66	
3	5.5	5.70	5.5	2.10	7.80	
4	5.3	5.55	5.4	2.14	7.69	
5	5.8	6.25	6.3	1.92	8.17	
6	5.8	6.25	6.3	1.92	8.17	
7	6.5	6.75	6.6	1.74	8.49	
8	J.P.		6.9	1.62	8.72	
9	7.7	7.70	7.7	1.40	9.10	
10	7.5	7.65	7.8	1.42	9.07	
11	8.7	8.75	8.8	1.26	10.01	
12	8.5	8.65	8.8	1.26	9.91	
13	8.9	8.85	8.8	1.26	10.11	
14	8.7	8.80	8.9	1.25	10.05	
15	9.4		J.P.	1.36	10.76	
16	9.7	9.70	9.7	1.50	11.20	
17	9.9	9.90	9.9	1.63	11.53	
18	J.P.		9.8	1.55	11.35	
19	J		J			
20	J		J			

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

1916phae.proj.1021L

Thursday, March 30, 1916

Copied B 10:109

Scale m	mc 9299			Carte		23 01 +9.8				NCB corr +.14	
	Sc 1		Sc 2	Cu	magn	Sc 1	P.C.	Sc 2	Cu	magn
1	B					5.5 (5.7)	5.70 00	5.7	1.59	7.29
2	2.9 (3.1)			5.87	8,97			8.7	0.75	9.45
3	3.6 (3.8)		B	5.90	9,70			9.3	0.78	10.08
4	4.5 (4.7)	4.70 00	4.7	5.80	10,50			9.9	1.10	11.00
5	4.6 (4.8)	4.85 01	4.9	5.76	10,61			9.9	1.10	11.00
6	5.6 (5.8)	5.75 02	5.7	5.50	11,25			7		
7	5.8 (6.0)	6.15 31	6.3	5.37	11,52					
8	6.5 (6.7)	6.70 00	6.7	5.24	11,94					
9			7.6	5.08	12,68					
10			8.1	5.02	13,12					
11			8.3	5.02	13,32					
12			8.5	5.04	13,54					
13			8.9	5.10	14,00					
14			9.3	5.26	14,56					
15			9.5 7	5.37	14,87					

Remeas. by Lo. July 5, 1916.

	Sc 2	
13	8.8	
14	8.7	Could have been measured
15	9.5	fainter than plate image, no error in previous measures. Per. H.S.L.

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

1916phae.proj.1021L

Thursday, March 30, 1916

Scale m mc 9299 (cont.) diff. images

	Sa1	Sa2	Sc1	Sc2	Cu	magn	Alt corr +.14
	q		n				
1	5.1	5.30	5.3	5.1	2.22	7.52	
2	7.7	7.90	22	8.1	1.35	9.25	
3	8.6	8.70	1'	8.8	1.26	9.96	
4	9.5	9.50	°	9.5	1.40	10.90	
5	9.4	9.55	21	9.7	1.42	10.97	
6	9.9	9.85	1°	9.8	1.52	11.37	
7	J		J				

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

1916phae.proj.1021L

Thursday. March 30, 1916

Scale m. MC 9800 Pole Overexposed $1^m 10^s$. ~~Hours 1.10~~

	Sc 1		Sc 2
5	B		
6	B		
8	2.7 / 2.5		
9	2.9 / 2.7		
10	3.4 / 3.2		
11	3.8 / 3.6		B
12	4.4 / 4.2	4.45 ^{01}	4.5
13	4.6 / 4.4	4.65 ^{01}	4.7
14	5.3 / 5.1	5.30 ^{00}	5.3
15	5.6 / 5.4	5.65 ^{01}	5.7
16	6.5 / 6.3	6.40 ^{11}	6.3
17	6.7 / 6.5	6.70 ^{00}	6.7
18	7.1 / 6.9	7.15 ^{10}	7.2
19			7.3
20			7.7
23			8.4
25			8.7
26			9.1
27			9.4
28			9.5
29			9.9
30			9.9

Sc 1	P. C	Sc 2
4.7 / 4.5	4.75 ^{10}	4.8
5.8 / 5.6	5.80 ^{00}	5.8
6.9 / 6.7	7.00 ^{11}	7.1
		8.1
		8.2
		8.9
		9.1
		9.4
		9.8
		9.9
		10.7

See page 170

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

1916phae.proj.1021L

Thursday, March 30, 1916

Scale m mc 9300 (cont.) diff. mags

	Sc1	Sc2	Sc1 Sc2	
	g		w	
	4.0		4.0	
5	3.8	4.00	3.8	0.0
	5.1		4.9	1.2
6	4.9	5.00	4.7	
	6.7		6.7	
8	6.5	6.70	6.5	0.0
9	7.6	7.5	7.55	0.1
10	7.7	7.6	7.65	1.0
11	8.5	8.5	8.50	0.0
12	8.6	8.6	8.60	0.0
13	8.9	9.3	9.10	2.2
14	9.4	9.4	9.40	0.0
15	9.5	9.6	9.55	1.0
16	9.9	9.8	9.85	1.0
17	9.9	9.9	9.90	0.0
18	7	7		

1.15

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

1916phae.proj.1021L

182

YELLOW

2.00

Wednesday, April 5, 1916

21:102

Copied B ~~9a 162~~

Card.

Series mc 386

Scale m | mc 7059 | β aquarii 21 30 − 6°0 | Alt. corr. −.01

	Sc 1		Sc 2	Cu	Magn	Sc 1 P.C.	Sc 2	Cu	Magn
	2.9								
1	2.7			5.13	8.03		8.6	−0.76	7.84
	3.7								
2	3.5			4.76	8.46		9.1	−0.73	8.37
	3.7								
3	3.5			4.76	8.46		9.3	−0.71	8.59
	3.8								
4	3.6		B	4.70	8.50		9.4	−0.70	8.70
	5.9								
4a	5.7	5.80 11	5.7	3.53	9.33				
	5.9								
4b	5.7	5.80 11	5.7	3.53	9.33				
	6.8								
5	6.6	6.75 01	6.7	3.08	9.83				
	6.7								
6	6.5	6.70 00	6.7	3.10	9.80				
6a			7.3	2.87	10.17				
6b			7.6	2.74	10.34				
7			7.7	2.70	10.40				
8			8.4	2.48	10.88				
8a			8.4	2.48	10.88				
8b			9.1	2.32	11.42				
9			8.8	2.37	11.17				
10			9.3	2.30	11.60				
11			9.6	2.32	11.92				
12			9.7	2.33	12.03				
13			9.9	2.38	12.28				

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

1916phae.proj.1021L

Wednesday, April 5, 1916

YELLOW

Sheet no 304.

Scale m mc 7060 Pole

	Sc.1		Sc.2	7064 P.187		Sc.1	P.C.	Sc.2		
5	B							7.3	7.3 7.30 00	−0.87 ~~1.13~~
6	B							7.8	7.7 7.75 01	−0.~~28~~ 77
8	2.9 2.7			2.9 2.90 00	5.13			8.9	~~9.1~~ 8.8 8.85 10	−0.82
9	4.5 4.3	4.50 00	4.5	4.0 4.25 25 25	4.49			9.5	9.3 9.40 11	−0.66
10	4.8 4.6	4.95 21	5.1	4.70 4.82 13 12	4.06			9.7	9.7 9.70 00	−0.82
11	6.3 6.1	6.20 11	6.1	5.60 5.90 30 20	3.46			9.9	9.9 9.90 00	−0.54
12	6.5 6.3	6.40 11	6.3	5.90 6.15 25 25	3.43			7		
13			7.3	6.90 7.10 20 20	2.98					
14			7.6	7.4 7.50 11	2.74					
15			8.1	8.1 8.10 00	2.54					
16			8.5	8.4 8.45 10	2.49					
17			8.7	8.7 8.70 00	2.34					
18			9.4	9.1 9.25 21	2.31					
19			9.6	9.7 9.65 01	2.29					
20			9.8	9.8 9.80 00	2.39					
23			7							

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

1916phae.proj.1021L

184

YELLOW

Wednesday, April 5, 1916

Copied B 21:103 ~~9a.163~~

Card.

Scale m | MC 7061 | ζ Aquarii | 22 05 | −0.9 | Alt. corr +.03

	Sc 1		Sc 2	Cu	Magn	Sc 1	P.C.	Sc 2	Cu	Magn
	2.7									
1	2.5			5.19	7.89			8.5	−0.77	7.73
	3.9									
2	3.7		B	4.61	8.51			9.3	−0.71	8.59
	6.7									
3	6.5	6.70°°	6.7	3.10	9.80			″		
	7.1									
3a	6.9	7.10°°	7.1	2.95	10.05					
3b			7.6	2.74	10.34					
	4.5									
4	4.6	4.50°°	4.8	4.10	8.90			9.9	−0.66	9.24
5			7.7	2.70	10.40					
6			8.4	2.48	10.88					
6a			8.7	2.39	11.09					
7			9.1	2.32	11.42					
8			9.3	2.30	11.60					
9			9.3	2.30	11.60					
10			9.5	2.32	11.82					
11			9.7	2.33	12.03					
12			9.5	2.32	11.82					
13			″							

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

1916phae.proj.1021L

YELLOW

Wednesday, April 5, 1916

Copied B 23:70 ~~37:45~~

Card.

Scale m : mc 7062 Bg 22 40 +45.0 Alt. corr +.13

	Sc.1		Sc.2	Lu	magn	Sc.1 P.C.	Sc.2	Lu	magn
1							7.6	-0.80	6.80
2	B						7.6	-0.80	6.80
3	B						7.3	-0.80	6.50
4	B						7.7	-0.80	6.90
5							8.3	-0.78	7.52
6							8.6	-0.76	7.84
7							7.4	-0.80	6.60
8							9.3	-0.71	8.59
9	B						8.3	-0.78	7.52
10	4.5 4.3	4.50 00	4.5	4.27	8.77		9.6	-0.68	8.92
11	do not measure								
12	4.3 4.1	4.30 00	4.3	4.40	8.70		9.5	-0.70	8.80
13	5.5 5.3	5.55 -1 0	5.6	3.65	9.20		H		
14	2.9 2.7		B	5.13	8.03		8.7	-0.76	7.94
15	5.8 5.6	5.80 00	5.8	3.53	9.33		H		
16	5.9 5.7	5.80 -1 1	5.7	3.53	9.33		H		
17	6.1 5.9	6.20 -1 1	6.3	3.32	9.52				
18	6.8 6.6	6.75 0 -1	6.7	3.08	9.83				
19	5.5 5.3	5.55 -1 0	5.6	3.65	9.20				
20	6.9 6.7	6.90 00	6.9	3.02	9.92				
21			8.1	2.57	10.67				
22	6.5 6.3	6.50 00	6.5	3.17	9.67				
23			8.8	2.37	11.17				
24			8.7	2.39	11.09				
25			9.4	2.30	11.70				
26			8.5	2.44	10.94				
27			9.4	2.30	11.70				
28			9.6	2.32	11.92				
29			8.8	2.38	11.18				

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

1916phae.proj.1021L

186

YELLOW

Wednesday, April 5, 1916

Copied B 23:142 ~~37.96~~

Card.

Scale m | MC 7063 | C 12 | 23 00 +15.0 | Alt, corr +.10

	Sc.1	Sc 2		Cu	Magn	Sc.1	P.C.	Sc 2	Cu	Magn
1								7.6	-0.80	6.80
2	B							7.3	-0.80	6.50
3								7.7	-0.80	6.90
4	B							7.3	-0.80	6.50
5	B							7.8	-0.80	7.00
6	3.7 3.5			4.76	8.46			8.6	-0.76	7.84
7	J.P.							8.6	-0.76	7.84
8	J.P.							8.8	-0.75	8.05
9	3.9 3.7			4.61	8.51			9.3	-0.71	8.59
10	3.0 2.8		B	5.10	8.10			8.6	-0.76	7.84
11	4.8 4.6	4.75 01	4.7	4.12	8.87			9.4	-0.70	8.70
12	3.7 3.5		B	4.76	8.46			9.3	-0.71	8.59
13	5.8 5.6	5.75 01	5.7	3.54	9.29			MJ		
14	4.6 4.4	4.85 23	5.1	4.08	8.93			9.5	-0.70	8.80
15	4.8 4.6	4.70 11	4.6	4.15	8.85			9.6	-0.68	8.92
16	4.9 4.7	4.80 11	4.7	4.10	8.90			9.8	-0.66	9.14
17	5.5 5.3	5.55 10	5.6	3.65	9.20			MJ		
17a	5.9 5.7	5.80 11	5.7	3.53	9.33					
18			7.7	2.70	10.40					
19	d.									
19a			8.6	2.42	11.02					
20			8.6	2.42	11.02					
21	July 5, 16		8.7	2.39	11.09		Star images			
21a	Rennes by O.		8.9	2.26	11.26 26	R		9.8	2.35	12.15
22	~~8.7~~ 9.1		9.4	2.30	11.70 27			MJ		
23	9.2	* 9	8.5	2.44 31	10.94 11.81 28			9.8	2.35	12.15
24	9.7		9.7	2.33	12.03 29			MJ		
25			9.6	2.32	11.92					

* Assume nebulae if a unit

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

1916phae.proj.1021

Wednesday, April 5, 1916

YELLOW

Scale m MC 7063 4 Pole

	Sc.1	Sc.2		Sc.1	P.C.	Sc.2
5	B					7.3
6	B					7.7
8	2.9 2.7					8.8
9	4.0 3.8	B				9.3
10	4.7 4.5	4.70 00	4.7			9.7
11	5.5 5.3	5.60 1	5.7			9.9
12	5.9 5.7	5.90 00	5.9			J
13	6.9 6.7	6.90 00	6.9			
14			7.4			
15			8.1			
16			8.4			
17			8.7			
18			9.1			
19			9.7			
20		9.8	~~9.7~~			
23			J			

4.00

See page 183.

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

1916phae.proj.1021L

188

YELLOW

11.05

Friday, April 7, 1916

Shut No. 304.

MC 545

Scale m MC 9257 Pole

	Sc. 1		Sc. 2	9262 p·200		Sc. 1	P. C	Sc. 2		
5	B							8.4	8.6 8.50 (1 1)	−2.07
6	2.9 2.7			2.8 2.85 (1 0)	4.13			9.4	9.3 9.35 (0 1)	−1.37
8	4.7 4.5	4.75 (1 0)	4.8	4.55 4.65 (1 0 1 0)	3.38			F	~~9.5~~	
9	6.0 5.8	6.15 (2 1)	6.3	5.70 5.92 (2 3 2 2)	1.82					
10	6.9 6.7	6.80 (1 1)	6.7	6.00 6.90 (4 0 4 0)	2.48					
11			7.7	7.4 7.55 (1 3)	1.81					
12			7.8	7.6 7.70 (1 1)	1.88					
13			8.5	8.4 8.45	1.63					
14			8.6	8.7 8.65 (0 1)	1.59					
15			9.3	9.3 9.30 (0 0)	1.34					
16			9.7	9.5 9.60 (1 1)	1.34					
17			9.8	9.5 9.65 (2 1)	1.39					
18			F	9.9 a.	1.66					
1	B					5.7 5.5	5.75 (1 0)	5.8	5.7 5.72 (0 3 0 2)	−1.28
2	off plate									
3	off plate								7.7 a.	−2.08
4	B							7.7	7.8 7.75 (1 0)	−1.89
7	3.7 3.5			3.8 3.75 (1 0)	3.71			9.7	9.5 9.60 (1 1)	−2.14

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

1916phae.proj.10211

Friday, April 7, 1916

YELLOW

Scale m	mc 9257		(cont.)			diff. images
	Sc1Sc2 g	Sc1Sc2 h				
1	JP	JP				
2	off plate					
3	off plate					
4	8.5	8.40 11 8.3				
5	8.5	8.50 00 8.5	7.75	8.12 38 37	−1.69	
6	9.3	9.40 11 9.5	8.95	9.18 2323	−2.20	
7	J	J	9.75	a.	−2.29	
			9.9	a.	−1.87	

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

1916phae.proj.1021L

190

YELLOW

Friday, April 7, 1916

Card.

Scale m | MC 9258 | N.G.C. 7789 | 0 00 +55.0 | Alt. corr. +.10 | DM Seq.

	Sc 1		Sc 2	Lu	Magn	Sc 1	P.C.	Sc 2	Lu	Magn
	2.8									190
1	2.6			4.10	6.90			9.1	-2.20	6.88
	3.7									
1a	3.5			3.74	7.44			9.7	-2.15	7.55
	4.3									
1b	4.1	4.30	4.3	3.50	7.80			9.9		
	5.6									
1c	5.4	5.55	5.5	2.94	8.49			MJ		
	6.6									
2	6.4	6.45	6.3	2.47	8.92					
	6.9									
3	6.7	6.80	6.7	2.28	9.08					
4			7.6	1.90	9.50					
4a			8.2	1.68	9.88					
4b			8.5	1.57	10.07					
5			9.1	1.44	10.54					
6			9.3	1.42	10.72					
10			9.6	1.43	11.03					
10a			9.8	1.50	11.30					

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

1916phae.proj.1021L

Friday, April 7, 1916

YELLOW

Scale m	mc 9258		(cont.)	diff. images	alt. corr. +.10
	Sc.1 Sc.2 g	Sc.1 Sc.2 h	Cu magn		
1	✱ 9.1 9.15	1.0 9.2	-2.14	7.01	
1a	9.8 9.75	0.2 9.7	-2.11	7.64	
1b	9.9	9.9	-2.00	7.90	

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

1916phae.proj.1021L

192

Friday, April 7, 1916

YELLOW

Copied B 22:152

Scale m mc 9258 (cont.)

Rect. corr. +.10
Seq. for cluster

	Sc.1		Sc.2	Cu	Magn	Sc.1 P.C.	Sc.2	Cu	Magn
	3.6								
1	3.4			3.79	7.39		9.3	-2.20	7.10
	3.7								
1a	3.5			3.74	7.44		9.8		
	4.9								
2	4.7	4.85 10	4.8	3.26	8.11				
	5.6								
3	5.4	5.55 01	5.5	2.94	8.49				
	6.9								
4	6.7	6.80 11	6.7	2.28	9.08				
5			7.7	1.87	9.57				
5a			8.4	1.62	10.02				
5b			8.7	1.53	10.23				
6			9.1	1.44	10.54				
7			9.6	1.43	11.03				
8			9.8	1.50	11.30				
	6.5								
3a	6.3	6.30 22	6.1	2.54	8.84				

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

1916phae.proj.1021L

YELLOW

Friday, April 7, 1916

Scale m	MC 9258			(cont.)		diff. images		Alt. corr. +.10
	Sc.1	Sc.2	Sc.1–Sc.2	Cu	Magn	Cu	magn	
	g		h					
1	9.5	9.55	9.6	-2.19	7.39			
1a	9.8	9.50	9.8	-2.19	7.61			
2	〃		〃					

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

1916phae.proj.1021L

194

Friday, April 7, 1916

YELLOW

Card.

Scale m | MC 9259 | N.G.C. 225 | 0 40 +60 | Cor. corr. +.1×0 DM Seq.

	Sc.1		Sc.2	Cu	Magn	Sc.1	P.C	Sc.2	Cu	Magn
1	4.6 4.4	4.55 0.1	4.5	3.40	7.95			9.9		
2	5.8 5.6	5.75 0.1	5.7	2.35	8.10			F		
3	6.9 6.7	6.80 1.1	6.7	2.28	9.08					
4			7.5	1.94	9.44					
5			7.8	1.82	9.62					
6			8.5	1.57	10.07					
7			9.1	1.44	10.54					
8			9.5	1.42	10.92					
9			9.5	1.42	10.92					
10			9.3	1.42	10.72					
11			F							
12			9.9	1.58	11.48					
13			9.7	1.46	11.16					

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

1916phae.proj.1021L

Friday. April 7, 1916

YELLOW

Scale m.	mc 9 25/29	(cont.)	diff. images	Alt. corr. +.10
	Sc 1 Sc 2 Sc 1 Sc 2	Cu Magn		
	g h			
1	9.8 9.80 9.8	-2.19	7.61	
2	〃 〃			

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

1916phae.proj.1021L

196

YELLOW

Friday, April 7, 1916

Copied B 20:20

Card.

Alt. cour. +.04

Scale m | mc 9260 | U Cephei | 1 00 + 82.5 | Var. seq.

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C	Sc.2	Cu	Magn
α	B						7.4	-1.82	5,58
β	offplate								
a	B						8.4	-2.09	6.81
b	B						8.6	-2.13	6.47
b'	2.9 2.7		4.08	6.98			9.1	-2.20	6.90
c	YP						n.s		
c'	YP.	B					9.5	-2.19	7.31
d	3.8 3.6	B	3.70	7.50			9.8		
d'	4.7 4.5	4.70 00	4.7	3.34	8.04		9.9		
e	4.1 3.9	4.20 ⊥1	4.3	3.53	7.73		9.9		
f	4.9 4.7	5.10 ±2	5.3	3.15	8.25		?		
g	5.3 5.3	5.50 00	5.5	2.96	8.46				
h	5.6 5.4	5.55 01	5.5	2.94	8.49				
h'	YP.								
k	5.9 5.7	6.10 ±2	6.3	2.65	8.75				
l	6.3 6.1	6.30 00	6.3	2.53	8.83				
m			7.5	1.94	9.44				
m'			7.7	1.87	9.57				
n			7.8	1.82	9.62				
o			8.7	1.53	10.23				
p			8.7	1.53	10.23				
q			9.2	1.43	10.63				
r			8.7	1.53	10.23				
s			9.6	1.43	11.03				
T			9.3	1.42	10.72				
u			?						
Y	3.1 2.9		B	4.00	7.10		9.4	-2.20	7.20
s	6.8 6.6	6.75 01	6.7	2.30	9.05				

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

1916phae.proj.1021L

Friday, April 7, 1916

YELLOW

Scale m MC 9260 (cont.) diff. images Alt. cor. +.04

	Sc 1	Sc 2	Sc 1 − Sc 2	Cu magn	
	g		h		
d	6.8	7.00 (7.0 ... 7.0)	6.8		
a	8.3	8.40 (±1)	8.5	−1.85	6.55
b	9.1	8.90 (22)	8.7	−2.06	6.84
b'	9.4	9.45 (01)	9.5	−2.17	7.28
c	9.7	9.60 (11)	9.5	−2.16	7.44
c'	J.P.		J.P.		
d	9.9	9.85 (10)	9.8	−2.08	7.77
d'	〃		9.9	−2.00	7.90
e	〃		J.P.		
V	9.5	9.40 (12)	9.3	−2.17	7.23

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

1916phae.proj.1021L

198

YELLOW

Friday. April 7, 1916

scale m	MC 9260. Sc 1		Sc 2	U Cephei Cu	Magn	DM Seq. Sc 1 P.C.	Sc 2	Alt. corr. +.04 Cu	Magn
1	3.6 (3.6)			3.70	7.50		9.8		
2	5.6 (5.8)	5.75 °1	5.7	2.35	8.10		17		
2a	5.8 (6.0)	6.05 °1	6.1	2.68	8.73				
2b	6.8 (7.0)	7.05 °1	7.1	2.14	9.19				
3	4.9 (5.1)	5.20 ±1	5.3	3.12	8.32				
4			7.6	1.90	9.50				
5			8.3	1.65	9.95				
6			8.7	1.53	10.23				
7			9.9	1.58	11.48				
8			9.1	1.44	10.54				
9			7						

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

1916phae.proj.1021L

Friday, April 7, 1916

YELLOW

Scale m | mc 9260 (cont.) | Alt. corr. +.04

	Sc.1 Sc.2 g	Sc.1 Sc.2 h	Cir magn	
1	9.8 9.85°	9.9	-2.08	7.77

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

1916phae.proj.1021L

200

YELLOW

Friday. April 7, 1916

Scale m

mc 9262 Pole

	Sc.1		Sc.2	Sc.1	P.C.	Sc.2
						* 5.7
1	B					
2	off plate					
3	B					7.7
4	B					7.8
5	B					8.6
6	2.6 (2.5)		B			9.3
7	3.6 p. (3.8)		B			9.5
8	4.3 (4.5)	4.55 $^{1\,0}$	4.6			
9	5.6 (5.8)	5.70 $^{1\,1}$	5.6			
10	5.7 (5.9)	6.00 $^{1\,1}$	6.1			
11			7.4			
12			7.6			
13			8.4			
14			8.7			
15			9.3			
16			9.5			
17			9.5			
18			9.9			

* measured by m. & D'R, may 9, 1916. mistake in unit.

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

1916phae.proj.1021L

Friday, April 7, 1916

YELLOW

Scale m mc 9262 (cont.) diff. images

	Sc.1 Sc.2 g	Sc.1 Sc.2 h
1	JP	JP
2	off plate	
3	J.P.	J.P.
4	J.P.	J.P.
5	7.7 7.75	1° 7.8
6	8.8 8.95	2' 9.1
7	9.7 9.75	1° 9.8
8	9.9	J

12.55

See page 188

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

1916phae.proj.1021L

202

YELLOW

Monday, April 10, 1916

1.55

Series MC 541

Scale m

MC 9211 Pole

	Sc.1	Sc.2	9216 p. 210	Sc.1 P. C.	Sc.2		
1	off plate				~~8.9~~	5.9 a.	−1.46
2	"						
3	B				JP.		
4	off plate					7.5 a.	−1.64
5	B				8.3	8.7	8.50 22 −2.07
6	2.8 2.6		2.9 2.85 01	4.13	9.1	9.3	9.20 11 −2.22
7	~~B~~ 3.7 3.5	B	3.7 3.70 00	3.76	9.5	9.6	9.55 10 −2.09
8	4.5 4.3	4.5	4.60 4.55 05 05	3.48	J	9.9	a. −1.89
9	~~2~~ 5.7 5.5 5.65 10	5.6	5.80 5.72 07 08	3.02			
10	5.9 5.7 6.00 11	6.1 ~~5.7~~	6.35 6.18 18 17	2.70			
11	6.9 6.7 6.85 10	6.8	7.10 6.98 13 12	2.38			
12		7.4	7.6 7.50 11	2.08			
13		8.5	8.1 8.30 22	1.78			
14		8.6	8.7 8.65 01	1.59			
15		8.9	9.2 9.05 12	1.59			
16		9.2	9.6 9.40 22	1.54			
17		9.4	9.8 9.60 22	1.44			
18		J					

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

1916phae.proj.1021L

Monday, April 10, 1916

YELLOW

Scale m MC 9211 (cont) diff. images

	Sc1	Sc2	Sc1Sc2				
	g		h				
3	JP		JP				
5	8.4	8.35	8.3	8.60	8.48	13 12	−2.05
6	9.2	9.15	9.1	9.65	9.40	25 25	−2.42
7	9.7	9.70	9.7	9.80	9.75	05 05	−2.29
8	J		J				

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

1916phae.proj.1021L

204

YELLOW

Monday. April 10, 1916

Copied B 23: 202

Card.

Scale m | mc 9212 | D 10 | 18 5 9 10 − 15.0 | Alt. corr. − .14

	Sc. 1	Sc. 2	Cu	Magn	Sc. 1	P.C	Sc. 2	Cu	Magn
1	JP						9.3	−2.15	7.15
2	B						8.9	−2.16	6.74
3	JP.						JP		
4	4.0 3.8	B	3.71	7.71			9.8	−1.95	7.85
5	3.9 3.7	B	3.73	7.63			J		
6	5.0 4.8	4.90 11	4.8	3.36	8.26				
7	5.1 4.9	5.20 11	5.3	3.25	8.45		J		
8	5.5 5.3	5.55 10	5.6	3.07	8.62				
9	6.5 6.3	6.60 11	6.7	2.53	9.13				
10	3.0 2.8	B	4.06	7.06			9.6	−2.06	7.54
11	3.5 3.3	B	3.89	7.39			9.4	−2.12	7.28
12	5.9 5.7	5.90 00	5.9	2.90	8.80				
13	3.8 3.6	4.00 32	4.2	3.71	7.71		J		
14	3.7 3.5	B	3.80	7.50			9.4	−2.12	7.28
15	9.1	→	1.55	10.65					
16	4.6 4.4	4.60 00	4.6	3.48	8.08				
17			8.7	1.64	10.34				
18	6.0 5.8	5.85 21	5.7	2.92	8.77				
19			9.4	1.50	10.98				
20			8.8	1.62	10.42				
21			8.5	1.71	10.21				
22			8.7	1.64	10.34				
23		8.1	~~8.7~~	1.85	9.95	Remeas. by O. July 10, 17.			
24			9.7	1.48	11.15		9.3		
25			J						
26			8 9.2	1.81 ~~1.53~~	10.01 ~~10.73~~	~~8.5~~	1.9		
27			8 9.6	1.68 ~~1.49~~	10.28 ~~11.09~~		8.5		
28			13						

Error of unit in prev. measures of 26 + 27.

Orig. curve missing, ridge in red ink obtained from curve drawn from other curve plates.

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

1916phae.proj.1021L

Monday, April 10, 1916

YELLOW

Scale m

MC 9212 (cont.)

diff. images

Alt. corr. −.14

	Sc.1 Sc.2 g	Sc.1 Sc.2 h	Cu Magn	
1	9.4 9.30 11	9.2	−2.34	6.96
2	8.5	J. P.	−2.07	6.43
3	JP	JP		
4	9.8	JP	−2.30	7.50
5	9.9 9.90 00	9.9	−2.25	7.65
6	〃	〃		
7	〃	〃		
8	〃	〃		
9	〃	〃		
10	9.4 9.45 01	9.5	−2.35	7.10
11	9.5 9.60 11	9.7	−2.34	7.26
12	〃	〃		
13	〃	〃		

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

1916phae.proj.1021L

206

Monday, April 10, 1916

Copied B 21:94

Cared.

YELLOW

Scale m | MC 9213 | Z Sagittarii 19 13.7 -21.1 | Alt. corr. -.26

	Sc.1		Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
	3.5									
d	3.3		B	3.89	7.39			9.5	-2.10	7.40
a	5.0 4.8	5.15 3'	5.3	3.28	8.43			~~9.9~~		
b	5.8 5.6	5.80 10'	5.8	2.95	8.75			~~9.9~~		
b'	6.9 6.7	6.80 11'	6.7	2.44	9.24					
c			7.3	2.18	9.48					
d			7.6	2.03	9.63					
e			8.8	1.62	10.42					
f			8.4	1.74	10.14					
g			9.3	1.52	10.82					
h			9.3	1.52	10.82					
k			9.6	1.49	11.09					
l			9.6	1.49	11.09					
m			9.5	1.50	11.00					
n			9.7	1.48	11.18					

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

1916phae.proj.1021L

Monday. April. 10, 1916

YELLOW

Scale m | MC 9213 (cont.) | diff. images | Alt. corr. −.26

	Sc.1	Sc.2	Sc1Sc2	Cu magn
	g		h	
2	9.6	9.65	9.7	−2.34 7.31
a	4		4	

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

1916phae.proj.1021L

208

YELLOW

Monday, April 10, 1916

Copied B23:208

Card.

Scale m | mc 92 1H 5 | D 11 | 21 00 −15.0 | Det. corr. −.10

	Sc.1		Sc.2	Cu	Magn	Sc.1	P.C	Sc.2	Cu	Magn
1	2.5 2.3							8.3	−2.01	6.29
2	4.5 4.3	4.50 00	4.5	3.52	8.02			9.6 ~~8.8~~	−2.06	7.54
3	near edge p.							8.5	−2.07	6.43
4	3.9 3.7		B	3.73	7.63			9.4	−2.12	7.28
5	2.8 2.6		B	4.10	6.90			8.8	−2.15	6.65
6	3.6 3.4		B	3.84	7.44			9.5	−2.10	7.40
7	4.5 4.3	4.50 00	4.5	3.52	8.02			9.9	−1.90	8.00
8	3.6 3.4		B	3.84	7.44			9.4	−2.12	7.28
9	5.5 5.3	5.45 10	5.4	3.12	8.57			7		
10	3.9 3.7		B	3.73	7.63			9.8	−1.95	7.85
11	3.9 3.7	4.05 12	4.2	3.70	7.75			9.7	−2.03	7.67
12	5.5 5.3	5.55 10	5.6	3.07	8.62			7		
13	4.3 4.1	4.20 12	4.1	3.65	7.85			9.6	−2.06	7.54
14	6.8 6.6	6.65 21	6.5	2.51	9.16			7		
15			7.6	2.03	9.63					
16	6.8 6.6	6.65 21	6.5	2.51	9.16					
17	6.5 6.3	6.40 11	6.3	2.64	9.04					
18			7.5	2.01	9.51					
19			7.6	2.03	9.63					
20			7.5	2.08	9.58					
21			7.8	1.94	9.76		Star Images			
22			7.8	1.96	9.76					
23			8.6	1.68	10.28 30			9.8	1.47	11.27
24			7.6	2.03	9.63 31			9.9		
25			9.2	1.53	10.73					
26			9.2	1.53	10.73					
27			9.1	1.54	10.64					
28			9.1	1.54	10.64					

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

1916phae.proj.1021L

Monday, April 10, 1916

YELLOW

Scale m mc 9214[5] (cont.) diff. images Obs. corr. −.10

	Sc.1	Sc.2	Sc1 Sc2	Cu magn	
	g		h		
1	8.6	8.55	01 8.5	−2.10	6.45
2	〃		9.9	−2.25	7.65
3	8.9p	8.80	11 8.7p	−2.20	6.60
4	9.7	9.75	10 9.8	−2.33	7.42
5	8.8	8.80	00 8.8	−2.20	6.60
6	9.5	9.60	11 9.7	−2.35	7.25
7	9.8	9.85	01 9.9	−2.28	7.57
8	9.6	9.70	11 9.8	−2.24	7.46
9	〃		〃		
10	9.8	9.55	01 9.9	−2.28	7.57
11	9.9	9.90	00 9.9	−2.25	7.65
12	〃		〃		
13	9.8	9.80	00 9.8	−2.30	7.50
14	〃		〃		

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

1916phae.proj.1021L

Monday, April 10, 1916

YELLOW

Scale m

mC 9218 b

Pole

	Sc.1	Sc.2		Sc.1 P.C.	Sc.2
1	B			5.9 5.7	
2	off Plate				
3	B J.P. edge				
4	B				7.5
5	B				8.7
6	2.9 2.7				9.3
7	3.7 3.5		B		9.6
8	4.7 4.5	4.60 11	4.5		9.9
9	5.9 5.7	5.80 11	5.7		7
10	6.4 6.2	6.35 01	6.3		
11	7.1 6.9	7.10 00	7.1		
12			7.6		
13	8.1	→			
14			8.7		
15			9.2		
16			9.6		
17			9.8		
18			7		

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

1916phae.proj.1021L

Monday. April 10, 1916

YELLOW

Scale m mc 921 b/8 (cont.) diff. images

	Sc. 1	Sc. 2	Sc. 1 Sc. 2
	g		h
1	J P	J. P.	
2	off plate		
3	edge V		X
4	J. P.		7.6
5	8.7	8.60 11	8.5
6	9.7	9.65 10	9.6
7	9.8	9.80 00	9.8
8	7		7
9	7		7

3.50

See page 202

Series 541 continued in Bk 4-2

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

1916phae.proj.1021L

Saturday, Sept. 2, 1916

Shutter no 74

10.55

Scale m

B 46603 E 4 9 21 −45.1

	Sc 1	Sc 2	Diff	In Magn	Sc 1	P.C	Sc 2	Diff	In Magn
1	3.0 2.8		4.02	4.10 7.10			8.3	−1.28	−1.26 7.04
2	3.9 3.7		3.61	3.90 7.80			8.7	−1.19	−1.23 7.47
3	3.9 3.7		4.00	3.90 7.80			9.1	−1.30	−1.21 7.89
4	3.9 3.7		4.08	3.90 7.80			9.1	−1.12	−1.21 7.89
5	3.9 3.7		4.14	3.90 7.80			9.3	−1.26	−1.17 8.13
6	4.7 4.5		3.42	3.74 8.44			9.4	−1.28	−1.15 8.25
7	4.1 3.9		4.00	3.86 7.96			9.3	−1.20	−1.17 8.13
8	5.1 4.9		3.76	3.64 8.74			9.6	−0.74	. .
9	5.8 5.6		3.42	3.47 9.27			9.7	−0.48	. .
10	5.5 5.3		3.77	3.55 9.05			7		
11	6.0 5.8		3.40	3.43 9.43			7		
12	6.5 6.3		3.24	3.34 9.84					
13	6.5 6.3		3.27	3.34 9.84					
14	6.5 6.3		3.24	3.34 9.84					
15	6.9 6.5		3.18	3.31 10.01					
16	6.9 6.7	6.70 22 6.5	3.50	3.31 10.01					
17	7.1 6.9	7.20 11 7.3	3.21	3.26 10.46					
18		7.6	3.39	3.23 10.83					
19		7.4	3.16	3.25 10.65					
20		7.7	3.30	3.22 10.92					
21	✗	7.9	3.22	3.19 11.09					
22		8.6	2.81	3.22 11.82					
23		8.6	2.92	3.22 11.82					
24		8.5	3.37	3.20 11.70					
25		8.9	3.36	3.28 3.25 12.18					
26		9.1	3.34	3.29 12.43					
27		9.1	3.32	3.33 12.43					
28		9.3	3.55	3.48 12.70					

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

1916phae.proj.1021L

Saturday, Sept. 2, 1916

Scale m B 46603 (cont.)

	Sc.1	Sc.2	Diff	Cu	Magn
29		9.5	3.29	3.48	12.98
30		9.7	3.81	3.55	13.25
31		9.9	3.55	3.65	13.55
32		7			

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

1916phae.proj.1021L

Saturday, Sept. 2, 1916

Scale m B46603 (cont.) diff. images

	Sc1 Sc2		Sc1 Sc3	Diff Cir	Magn	
1	6.5	6.80 ±1	6.7 (6.9 h)	0.22	0.15	6.95
2	7.5	7.65 ±2	7.8	-0.14	0.00	7.65
3	7.7	7.80 ±1	7.9	0.10	-0.01	7.79
4	7.7	7.80 ±1	7.9	0.18	-0.01	7.79
5	7.8	7.85 °1	7.9	0.19	-0.03	7.83
6	8.1	8.20 ±1	8.3	-0.08	-0.07	8.13
7	8.1	8.20 ±1	8.3	-0.10	-0.07	8.13
8	8.7	8.70 °°	8.7	0.16	-0.06	8.64
9	9.1	9.20 ±1	9.3	0.02	0.04	9.16 (24)
10	9.3	9.30 °°	9.3	-0.03	0.10	9.2 (40)
11	9.3	9.40 ±1	9.5	0.00	0.15	9.55
12	9.5	9.50 °°	9.5	0.24	0.20	9.70
13	9.5	9.60 ±1	9.7	0.17	0.28	9.88
14	9.5	9.60 ±1	9.7	0.14	0.28	9.88
15	9.5	9.50 °°	9.5	0.38	0.20	9.70
16	9.7	9.80 ±1	9.9	0.40	0.44	10.24
17	9.9	9.90 °°	9.9	0.51	0.52	10.42
18	9.9	9.90 °°	9.9	0.89	0.52	10.42
19	7		7			

12. 40

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

1916phae.proj.1021L

Tuesday, Sept. 5, 1916

Shutter no 73

11.45 B46575 E4 9 21 -45.1

Scale m.	Sc 1	Sc 2	Diff	Cu	Magn	Sc 1	P.C.	Sc 2	Diff	Cu	Magn
1	2.8 2.6		4.22	4.26	7.06			8.4	-1.38	-1.14	7.26
2	3.8 3.6		3.71	4.19	7.99			8.6	-1.09	-1.14	7.46
3	3.7 3.5		4.20	4.20	7.90			8.9	-1.00	-1.13	7.77
4	3.7 3.5		4.28	4.250	7.90			9.4	-1.42	-1.12	8.28
5	3.9 3.7		4.14	4.18	8.08			8.9	-0.86	-1.13	7.77
6	3.9 3.7		4.22	4.18	8.08			9.5	-1.38	-1.11	8.39
7	3.8 3.6		4.30	4.19	8.08			9.3	-1.30	-1.12	8.18
8	4.7 4.5		4.16	4.07	8.77			9.7	-0.84	-1.10	8.60
9	3.8 5.6		3.42	3.65	9.45			J			
10	5.7 5.5		3.57	3.70	9.40			J			
11	5.7 5.5		3.70	3.70	9.40						
12	6.5 6.3		3.24	3.25	9.85						
13	5.9 5.7		3.87	3.60	9.50						
14	5.8 5.6		3.94	3.65	9.45						
15	6.7 6.5	6.20°°	6.7	3.18	3.28	9.98					
16	6.6 6.4	6.60°°	6.6	3.60	3.32	9.92					
17			7.5	2.91	3.10	10.60					
18			7.6	3.19	3.09	10.69					
19			7.5	3.06	3.10	10.60					
20			7.7	3.30	3.08	10.78					
21			7.9	3.22	3.08	10.98					
22			8.5	2 3.91	3.08	11.58					
23			8.5	3.02	3.08	11.58					
24			8.5	3.37	3.08	11.58					
25			9.3	2.96	3.20	12.50					
26			9.1	3.34	3.16	12.26					
27			9.3	3.12	3.20	12.50					
28			9.5	3.35	3.30	12.80					

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

1916phae.proj.1021L

Tuesday, Sept. 5, 1916

Scale m B 46575 (cont)

	Sc. 1	Sc. 2	Diff	Ru	Magn
29		9.5	3.29	3.30	12.80
30		9.8	3.71	3.52	13.32
31		7			
32		N.S.			

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

1916phae.proj.1021L

Tuesday. Sept 5, 1916

Scale m B46575 (cont.) diff. images

	Sc1	Sc2	Sc1 Sc2	Diff	Cn	Magn
	g		h			
	6.9		6.8			
1	6.7	6.85	6.6	0.17	0.09	6.94
2	7.8	7.75	7.7p	-0.24	-0.13	7.62
3	8.3	8.35	8.4	-0.45	-0.26	8.09
4	7.8	7.80	7.8	0.18	-0.14	7.66
5	8.3	8.30	8.3	-0.26	-0.24	8.06
6	8.4	8.40	8.4	-0.28	-0.26	8.14
7	8.5	8.50	8.5p	-0.40	-0.27	8.23
8	8.7	8.70	8.7	0.16	-0.25	8.45
9	9.5	9.40	9.3	-0.18	-0.06	9.34
10	9.5	9.50	9.5	-0.23	-0.02	9.48
11	9.5	9.45	9.4	-0.05	-0.04	9.41
12	9.5	9.50	9.5	0.24	-0.02	9.48
13	9.7	9.70	9.7	0.07	0.07	9.77
14	9.7	9.75	9.8	-0.01	0.08	9.83
15	9.6	9.60	9.6	0.24	0.02	9.68
16	9.9		?	0.30	0.15	10.05
17	?		?			
18	?		?			
19	?		?			

12.20

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

1916phae.proj.1021L

Thursday, Sept. 7, 1916

Stat no 73

2.05 B 41191 E 4 9 29 -42.7 20m ex.

Scale m	S				Sc 1 P.C.	Sc 2	Diff	Cu	Magn
1	J.P.					8.3	-1.28	-1.15	7.15
2	B	Diff	Cu	Magn		8.6	-1.09	-1.17	7.43
3	4.0 3.8p	3.90	4.29	8.29		9.2	-1.30	-1.26	8.00
4	3.7 3.5p	4.28	4.26	7.96		9.1	-1.12	-1.20	7.96
5	3.8 3.6p.	4.24	4.28	8.08		9.4	-1.36	-1.22	8.18
6	3.7 3.5p	4.42	4.26	7.96		9.3	-1.18	-1.21	8.09
7	3.9 3.7p.	4.20	4.28	8.18		9.5	-1.40	-1.23	8.27
8	4.1 3.9p	4.76	4.30	8.40		9.7	-0.84	-1.25	8.45
9	4.8 4.6p	4.42	4.34	9.14		7			
10	5.1 4.9	4.17	4.36	9.46					
11	5.7 5.5	3.70	4.40	10.10					
12	4.7 4.5	5.04	4.34	9.04	Remeasured Nov 2, 1916 by Lo 4.6 sc 1				
13	5.7 5.5	4.07	4.40	10.10					
14	5.8 5.6	3.94	4.41	10.21					
15	5.5 5.3	4.38	4.39	9.89					
16	5.9 5.7	4.30	4.41	10.31					
17	6.0 5.8	4.41	4.41	10.41					
18	6.8 6.6	3.99	4.41	11.21					
19	5.9 5.7	4.66	4.41	10.31	Remeasured Nov 2, 1916 by Lo 5.5 sc 1				
20	6.3 6.1	4.70	4.42	10.72					
21	6.7 6.5 6.65 12	6.4	4.57	4.41	10.96				
22		7.3	4.11	4.34	11.64				
23	6.9 6.7 7.10 22	7.3	4.40	4.37	11.47	Images very poor and elongated			
24		7.3	4.57	4.34	11.64				
25		7.9	4.36	4.20	12.10				
26		8.4	4.04	4.07	12.47				
27		8.3	4.12	4.10	12.40				
28		9.2	3.65	3.87	13.17				

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

1916phae.proj.1021L

Thursday, Sept. 7, 1916

Scale m B 41191 (cont.)

	Sc.1	Sc2	Diff	Cu Magn	
29		8.8	3.99	3.98	12.78
30		9.6	3.91	3.76	13.36
31		9.7	3.75	3.74	13.44
32		9.6		3.76	13.36
33		9.7		3.74	13.44
34		9.7		3.74	13.44
35		7			

2, 35

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

1916phae.proj.1021L

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

1916phae.proj.1021L

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

1916phae.proj.1021L

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

1916phae.proj.1021L

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

1916phae.proj.1021L

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

1916phae.proj.1021L

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

1916phae.proj.1021L

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