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Book 4.

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Any scale measures recorded in this book, although arranged in regular order on the page, were observed promiscuously.

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Information for Comparison Stars of SS Aurigae 060547

I Number of Reference Plates.

Series 360 MC 6741 - Sequence marked - Meas. with Pole plates MC 6738 MC 6744 D.W.B. in Bk. 4: 9, 10, 11

* Series 880 MC 14169 Meas. with Pole plates MC 14160, 14171 in D.W.B. Bk 4: 12-19

AC 17040, 17196, 18441, 19893 - Seq. estimated in grades for relative mags. in D.W.B. Bk 4: 20, 21.

II Marked chart.

060547 Sample chart.

III Comparison stars employed — Mags. & tenths.

a	8.0	l	11.7	t	13.9
c	8.9	p	12.2	u	14.1
d	9.9	o	12.3	w	14.4
e	10.2	q	12.6	Y	15.0
f	10.8	r	12.9	y	15.4
g	11.1	s	13.4	z	15.9
				α	16.2

IV Source of magnitudes of Comparison stars.

Bk. 9: 83. and comparison star sheets for SS Aurigae
The "adopted" magnitudes are means of magnitudes from MC and AC plates
See comparison star sheets for SS Aurigae.

* MC 14170 - sequence for α Geminorum measured at same time.

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Wednesday May 8, 1918

SS Aurigae — Comparison Plates ~~Superseded~~ See P. 9

Series 360

Scale M. 3:00

MC 67 3T — Pole Plate.

	Sc 1 Primary	Sc 2	Sc 1 P.C.	Sc 2
5			4.4	4.2
6			5.1	
X				
8	2.3		6.7	
9	2.6		6.9	
10	2.9			7.7
11	3.5			8.1
12	3.8			8.5
13	4.5	4.2		8.7
14	4.5	4.8		9.2
15	4.9	5.2		9.6
16	5.7	5.7		9.7
17	5.7	5.6		9.8
18	5.8	5.9		
19	6.3	6.7		
20	6.8	6.9		
23		7.7		
25		8.3		
26		8.6		
27		8.8		
28		8.9		
29		9.7		
30		9.9		

3:45

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Wednesday May 8, 1918

S.S. Aurigae – Comparison Stars. ~~See B.10~~ superseded

Series 360

Scale M. 3:50

MC 6741

	Primary		P.C	
	Sc 1	Sc 2	Sc 1	Sc 2
a	1.5			
b				
c				
d				
e				
f	4.2			
g				
h				
k	4.3			
l				
m				
n				
o				
p				
q				
r				
s				
t				
u				
w				
x				
y				
z				
d				

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Thursday May 9, 1918

SS. Aurigae – Comparison Stars.

Series 360.

10:30 MC 6738 Pole.

Scale V	Primary Diff.		Sc 1	Sc 2		MC (p.11) 6744 (1) mean	(2) mean	mean of (1),(2)	Res.	P.C. Sc 1	Sc 2	(1) mean	(2) mean	MC (p.11) 6744 (1),(2) mean	(1),(2) Res.	Diff.
		5	B	–						4.5	4.6	4.60	4.6	4.65	4.62	03 03 +1.87
		6	B	–						4.7	4.8	4.80	4.8	4.85	4.82	03 03 +2.29
		✱	—	—		—	—			—	—	—	—	—	—	—
6.28	8		1.8	1.9	–	1.90 a	2.00	1.95	05 05	6.3	6.4	6.40	6.4	6.65	6.52	13 13 +1.71
6.23	9		2.6	2.7	–	2.70 a	2.50	2.60	10 10	6.6	6.7	6.80	6.9	6.90	6.85	05 05 +1.98
6.27	10		2.7	2.8	–	2.80 a	2.70	2.75	05 05	7.0	7.1	7.15	7.2	7.15	7.15	00 00 +1.97
6.30	11		3.1	3.2	–	3.20 a	3.30	3.25	05 05	–		7.70 a	7.7	7.80	7.75	05 05 +1.80
6.16	12		3.6	3.7	–	3.70 a	3.70	3.70	00 00	–		8.10 a	8.1	8.20	8.15	05 05 +1.71
6.12	13		4.1	4.2	4.1	4.15 o	4.20	4.18	03 02	–		8.60 a	8.6	8.70	8.65	05 05 +1.65
6.10	14		4.5	4.6	4.8	4.70	4.40	4.55	15 15	–		9.00 a	9.1	9.0 9.20 8.99	9.10	10 10 +1.55
6.38	15		4.6	4.7	4.9	4.80	4.60	4.70	10 10	–		9.40 a	9.4	9.50	9.45	05 05 +1.63
6.02	16		5.3	5.4	5.4	5.40 o	5.35	5.38	02 03	–		9.60 a	9.6	9.70	9.65	05 05 +1.75
5.98	17		5.4	5.5	5.7	5.60	5.70	5.65	05 05	–		9.60 a	9.6	—	9.60 a	–2.63
5.91	18		5.9	6.0	6.1	6.05 o	6.25	6.15	10 10							
5.92	19		6.3	6.4	6.5	6.45 o	6.55	6.50	05 05	—						
5.91	20		6.6	6.7	6.9	6.80	6.85	6.82	03 03	–						
	21		—	—		—	—			—						
	22		—	—		—	—			—						
5.89	23		6.9	7.0	~~7.6~~	7.20	7.7	7.4	7.70	7.45	25 25	–				
	24		—	—		—	—			—						
5.85	25				7.8 ~~8.5~~	7.85 a	7.9	8.20	8.02	17 18	–					
5.78	26				8.5	8.50 a	8.60	8.55	05 05	–						
5.94	27				8.7	8.70 a	8.80	8.75	05 05	–						
6.01	28				8.8	8.80 a	9.40	9.10	30 30	–						
5.96	29				9.7	9.70 a	9.70	9.70	00 00	–						
6.24	30				9.8	9.80 a	9.80	9.80	00 00	–						

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Thursday May 9, 1918

SS Aurigae – Comparison Stars

Series 360

Scale V mC 6741 alt. +.22

	Primary Sc 1	Sc 2		Mean Res.	Cw	Alt Corr. included Mag.	P. C. Sc 1		Mean Res.	Sc 2	Cw.	Alt. Corr. included Mag.
a	1.5	1.6		1.60 a·	off	—	5.8	5.9	5.90 a·		+1.95	8.07
b	2.8	2.9		2.90 a·	6.27	9.39	6.7	6.8	6.80 a·		+1.89	8.91
c	2.6	2.7		2.70 a·	6.29	9.21	6.6	6.7	6.75 ± 0	6 7.8	+1.89	8.86
d	3.7	3.8		3.80 a·	6.18	10.20			7.80 · a	7.8	+1.81	9.83
e	3.7	3.8		3.80 a·	6.18	10.20			8.50 · a	8.5	+1.74	10.46
f	4.6	4.7	4.7	4.6	6.10	11.00			8.80 · a	8.8	+1.71	10.73
g	4.7	4.8	50	4.90 ± 1	6.07	11.19			9.30 · a	9.3	+1.67	11.19
h	4.8	4.9	4.7	4.80 ± 1	6.08	11.10			9.40 · a	9.4	+1.65	11.27
k	4.6	4.7	4.8	4.75 ± 0	6.09	11.06			9.10 · a	9.1	+1.68	11.00
l	5.5	5.6	5.6	5.60 00	6.00	11.82			9.60 · a	9.6	+1.63	11.45
m	5.6	5.7	5.6	5.65 ± 0	5.99	11.86			-- superposed on star			
n	5.6	5.7	5.7	5.70 00	5.98	11.90			9.90 · a	9.9	off	—
o	6.3	6.4	6.5	6.45 0 ±	5.92	12.59			10.00 · a	10.0	off	—
p	6.2	6.3	6.3	6.30 00	5.93	12.45						
q	6.6	6.7	6.8	6.75 ± 0	5.91	12.88						
r	–		6.8	6.80 · a	5.91	12.93						
s	–		7.4	7.40 · a	5.90	13.52						
t	–		7.8	7.80 · a	5.90	13.92						
u	–		8.1	8.10 · a	5.90	14.22						
w	–		8.4	8.40 · a	5.92	14.54						
x	–		8.8	8.80 · a	6.95	14.97						
y	–		9.2	9.20 · a	6.00	15.42						
z	–		9.6	9.60 · a	6.06	15.86						
2	–		9.9	9.90 · a	6.12	16.24						

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Thursday May 9, 1918

SS Aurigae – Comparison Stars

Series 360

M.C. 6744 Pole.

Primary

Scale V	Sc 1	Sc 2	Mean	Res.
5	B			
6	B			
8	1.9	2.0	2.00	a.
9	2.4	2.5	2.50	a.
10	2.6	2.7	2.70	a.
11	3.2	3.3	3.30	a.
12	3.6	3.7	3.70	a.
13	4.1	4.2	4.20	0 0
14	4.2	4.3	4.40	± 1
15	4.3	4.4	4.60	± 2
16	5.3	5.4	5.35	0 ±
17	5.6	5.7	5.70	0 0
18	6.2	6.3	6.25	1 0
19	6.5	6.6	6.55	0 ±
20	6.7	6.8	6.85	0 1
23		7.7	7.70	. a
25		8.2	8.20	. a
26		8.6	8.60	. a
27		8.8	8.80	. a
28		9.4	9.40	. a
29		9.7	9.70	. a
30		9.8	9.80	. a

P C

Sc 1		Sc 2	Mean	Res.
4.6	4.7	4.6	4.65	1 0
4.8	4.9	4.8	4.85	1 0
6.4	6.5	6.8	6.65	± 2
6.8	6.9	6.9	6.90	0 0
7.0	7.1	7.2	7.15	± 0
		7.8	7.80	. a
		8.2	8.20	. a
		8.7	8.70	. a
		9.2	9.20	. a
		9.5	9.50	. a
		9.7	9.70	. a

See fr. 9

1:30

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12

N.B. Below

Saturday May 11, 1918 — Monday May 13, 1918

10:30

Sk Aurigae – Comparison Stars

Series 880

MC 14160 – Pole

12:00 P.C

Scale M.	Primary No.1	Primary No.2		MC 14171 P.18 (2) Mean	(1)–(2)	Res.	Diff	No.1	(1) Mean.	No.2	MC 14171 P.18 (1) Mean	(1)–(2)	Res.	Diff.
(1) Mean Res. 5	B							5.4						
1.60 a.									5.6	5.60 a.	5.90	5.75	15	15 0.74
~~1.50 1 1~~ 6	1.4	1.6		- 1.60 a.	5.51			6.2	6.4	6.40 a.	6.65	6.52	13	13 0.59
2.80 a.														
~~2.70 1 1~~ 8	2.6	2.8		2.50	2.65	15	15 5.58	–	7.80	a 7.8	7.15	7.48	33	33 0.75
2.80 a.														
~~2.70 1 1~~ 9	2.6	2.8		3.00	2.90	10	10 5.93	–	8.60	a 8.6	8.70	8.65	05	05 0.18
3.05 a. 10	2.9	2.8 (3.21) 3.30 } 3.05		2.90	2.98	07	08 6.04	–	8.70	a 8.7	8.90	8.80	10	10 0.32
3.50 a. 11	3.3	3.5		3.40	3.45	05	05 6.10	–	9.50	a 9.5	9.40	9.45	05	05 0.10
~~4.15~~ 2 1 12	3.8	4.0	4.3	4.00	4.08	07	08 5.78	–	9.70	a 9.7	9.80	9.75	05	05 0.11
4.80 1 1 13	4.5	4.7	4.9	4.40	4.60	20	20 5.70	–	9.80	a 9.8	9.70	9.75	05	05 0.55
5.15 2 1 14	4.8	5.0	5.3	4.75	4.95	20	20 5.70	–						
5.55 1 0 15	5.3	5.5	5.6	5.00	5.28	27	28 5.80	–						
5.85 0 1 16	5.6	5.8	5.9	5.75	5.80	05	05 5.60	–						
6.10 1 1 17	5.8	6.0	6.2	6.35	6.22	12	13 5.41	–						
6.90 0 0 18	6.7	6.9	6.9	6.85	6.88	02	03 5.18	–						
7.40 2 2 19	7.0	7.2	7.6	7.60	7.50	10	10 4.92	–						
7.80 · a 20			7.8	7.80	7.80	00	00 4.93	–						
8.50 · a 23			8.5	8.60	8.55	05	05 4.79	–						
8.80 · a 25			8.8	8.90	8.85	05	05 5.02	–						
9.40 · a 26			9.4	9.40	9.40	00	00 4.93	–						
9.60 · a 27			9.6	9.60	9.60	00	00 5.09	–						
9.70 · a 28			9.7	9.90	9.80	10	10 5.31	–						
9.90 · a 29			9.9	- 9.90	a · 5.76			–						
– – – 30			<10.0	–	–	–		–						

N.B. – Primary images of all 4 plates measured first.

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Monday May 13, 1918

δ Aurigae – Comparison Stars.

Series 880

MC 14160 – Pole

Scale Mean Res.	Diff. Dm. g. No. 1	No. 2		(1) Mean (g+h)	Res		Diff. Dm. h. No. 1	No. 2	Mean	(2) MC 14171 δ.19 Mean (g+h)	Mean (1)(2)	Res		Diff
4.60 ∠15	4.3	4.5	4.7	4.60	00	00	4.4	4.6	4.60	4.58	4.59	01	01	1.90
5.30 00 6	5.1	5.3	5.3	5.38	08	07	5.2	5.4	5.45	5.5	4.90	5.14	24	24	1.97
X	—	—		—	—		—	—	—	—	—	—	—	—
6.70 00 8	6.5	6.7	6.7	6.70	00	00	6.5	6.7	6.70	6.7	6.15	6.42	28	27	1.81
7.50 ·a 9	–	7.5		7.55	05	05	–	7.6	0	7.6	7.15	7.35	20	20	1.48
7.70 ·a 10	–	7.7		7.70	00	00	–	7.7	0	7.7	7.70	7.70	00	00	1.32
8.50 ·a 11	–	8.5		8.50	00	00	–	8.5	0	8.5	8.30	8.40	10	10	1.15
8.70 ·a 12	–	8.7		8.65	05	05	–	8.6	0	8.6	8.60	8.62	03	02	1.24
8.80 ·a 13	–	8.8		8.80	00	00	–	8.8	0	8.8	8.80	8.80	00	00	1.50
9.30 ·a 14	–	9.3		9.40	10	10	–	9.5	0	9.5	9.30	9.35	05	05	1.30
9.70 ·a 15	–	9.7		9.70	00	00	–	9.7	0	9.7	9.65	9.68	02	03	1.40
9.80 ·a 16	–	9.8		9.75	05	05	–	9.7	0	9.7	9.90	9.82	07	08	1.58
9.90 ·a 17	–	9.9		9.85	05	05	–	9.8	0	9.8	9.80	9.82	03	02	1.81
18	–	–					–	–						
19	–	–					–	–						
20	–	–					–	–						
23	–	–					–	–						
25	–	–					–	–						
26	–	–					–	–						
27	–	–					–	–						
28	–	–					–	–						
29	–	–					–	–						
30	–	–					–	–						

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Saturday May 11, 1918 (Monday May 13, 1918)

δ Aurigae – Comparison Stars.

Series 880

MC 14 169 alt corr. +.22

Scale m	Primary No 1	Primary No 2		Cu	Alt Corr. included → Mag.	P.C. No 1	P.C. No 2	Cu.	Alt. Corr. included → Mag.
Mean Ref. a 1.80 a.	1.6	1.8		5.64 ~~6.36~~	7.66	6.7	mean a 6.9 7.00 ⊥ 1 7.1	0.63	7.85
2.70 a · b	2.5	2.7		5.83 ~~6.17~~	8.75		8.60 · a 8.6	0.31	9.13
2.90 a · c	2.7	2.9		5.87 ~~6.13~~	8.99		8.70 · a 8.7	0.30	9.22
3.70 a · d	3.5	3.7		5.90 ~~6.10~~	9.82		9.50 · a 9.5	0.16	9.88
4.00 a · e	3.8	4.0		5.88 ~~6.12~~	10.10		9.50 · a 9.495	0.16 9.6	9.88
4.60 oo f	4.4	4.6	4.6	5.77 ~~6.23~~	10.59				
5.00 ⊥ 1 g	4.7	4.9	5.1	5.70 ~~6.30~~	10.92				
5.10 ⊥ 1 h	4.8	5.0	5.2	5.67 ~~6.33~~	10.99				
4.90 oo k	4.7	4.9	4.9	5.72 ~~6.28~~	10.84				
5.80 oo l	5.6	5.8	5.8	5.50 ~~6.50~~	11.52				
5.95 o ⊥ m	5.8	6.0	5.9	5.45 ~~6.55~~	11.62				
5.90 ⊥ ⊥ n	5.8	6.0	5.8	5.47 ~~6.53~~	11.59				
6.60 ⊥ 1 o	6.3	6.5	6.7	5.24 ~~6.76~~	12.06				
6.75 o ⊥ p	6.6	6.8	6.7	5.28 ~~6.82~~	12.25				
7.10 ⊥ 1 q	6.8	7.0	7.2	5.06 ~~6.94~~	12.38				
7.60 · a r	–		7.6	4.95 ~~5.05~~	12.77				
8.30 · a s	–		8.3	4.86 ~~5.14~~	13.38				
8.80 · a t	–		8.8	4.87 ~~5.13~~	13.89				
8.90 · a u	–		8.9	4.88 ~~5.12~~	14.00				
9.10 · a w	–		9.1	4.92	14.24				
9.60 · a x	–		9.6	5.20	15.02				
y	–				–				
z	–				–				
a	–				–				

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1918phae.proj..704B

Monday May 13, 1918

S S Aurigae Comparison Stars.

Series 880

1:00

HC 14169 alt +212

Scale M	Diff. Im. g No 1	Diff. Im. g No 2		Diff. Im. h No 1	Diff. Im. h No 2	mean g_2 h_2	Cu	Mag (alt. corr. included)
Mean Res. 6.00 00	~~6.7~~	5.8 ~~6.0~~ 6.1	6.0	5.8	6.0 5.95 05 5.9	5.98 02 03	1.84	8.04
6.95 ±1 b	— 6.6	6.8 ~~7.6~~	7.1	6.7	6.9 7.05 ±2 7.2	7.00 05 05	1.57	8.79
7.35 ±2 c	— 6.9	7.1 ~~7.7~~	7.6	6.9	7.1 7.15 ±07.2	7.25 10 10	1.50	8.97
8.60 · a d	—	~~9.5~~	8.6	—	8.60 · a 8.6	8.60 00 00	1.20	10.02
8.70 · a e	—	~~9.4~~ 9.6	9.7	—	8.70 · a 8.7	8.70 00 00	1.21	10.13
9.20 · a f	—	9.2		—	9.40 · a 9.4	9.30 10 10	1.30	10.82
9.30 · a g	—	9.3		—	9.50 · a 9.5	9.40 10 10	1.34	10.96
9.20 · a h	—	9.2		—	9.30 · a 9.3	9.25 05 05	1.28	10.75
9.60 · a k	—	9.6		—	9.40 · a 9.4	9.50 10 10	1.40	11.12
9.90 · a l	—	9.9		—	9.80 · a 9.8	9.85 05 05	1.62	11.69
9.90 · a m	—	9.9		—	9.70 · a 9.7	9.80 10 10	1.60	11.62
9.90 · a n	—	9.9		—	9.80 · a 9.8	9.85 05 05	1.62	11.69
o	—							
p	—							
q	—							
r	—							
s	—							
t	—							
u	—							
w	—							
x	—							
y	—							
z	—							
α	—							

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1918phae.proj..704B

Saturday May 11, 1918 (Monday May 13 1918)

SS Aurigae – Comparison Stars.

Series 880 (α Geminorum plate)

MC 14170 alt. +11

2:00

Scale	M	Primary No 1	Primary No 2	Primary Av.	Alt. Corr. included Mag.	P.C. No 1	P.C. No 2	P.C. Av.	Alt. Corr. included Mag.
mean Res. 2.70	a	2.5	2.7	–	5.84	8.65	mean Res. 7.90 · a 7.9	0.45	8.46
3.00	a · b	2.8	3.0	–	5.89	9.00	8.80 · a 8.8	0.36	9.27
3.90	a · c	3.7	3.9	–	5.88	9.89	9.50 · a 9.5	0.16	9.77
4.10	oo	e	3.9	4.1	4.1	5.86	10.07	9.80 · a 9.8	0.12	10.03
4.35	o 1	g	4.2	4.4	4.3	5.81	10.27	9.90 · a 9.9	0.11	10.12
4.10	oo	d	3.9	4.1	4.1	5.86	10.07	9.75 · a 9.8 9.7	0.13	9.99
4.70	1 2	n	4.6	4.8	4.6	5.75	10.56	9.80 · a 9.8	0.12	10.03
4.85	1 o	l	4.7	4.9	4.8	5.72	10.68	9.90 · a 9.9	0.11	10.12
5.40	oo	f	5.2	5.4	5.4	5.60	11.11	~~10.20 · a 10.0~~	~~0.10~~	~~10.21~~
5.45	2 1	m	5.4	5.6	5.3	5.58	11.14	—	—	
5.35	1 o	k	5.1	5.3	5.4	5.51	10.97		—	
5.35	1 o	h	5.1	5.3	5.4	5.51	10.97		—	
5.95	o 1	g	5.8	6.0	5.9	5.45	11.51		—	
6.20	1 1	o	5.9	6.1	6.3	5.37	11.68		—	
5.90	oo	p	5.7	5.9	5.9	5.46	11.47		—	
6.15	1 o	r	5.9	6.1	6.2	5.38	11.64		—	
6.95	o 1	s	6.8	7.0	6.9	5.11	12.17		—	
7.10	oo	w	6.9	7.1	7.1	5.06	12.27		—	
7.60	· a	u	–		7.6	4.95	12.66		—	
8.20	· a	t	–		8.2	4.86	13.17		—	
8.60	· a	v	–		8.6	4.87	13.58		—	
8.80	· a	y	–		8.8	4.87	13.78		—	
9.90	· a	z	–		9.9	5.80	15.81		—	

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1918phae.proj..704B

Monday May 13, 1918

SS Aurigae – Comparison Stars.

Series 880 (η Geminorum)

MC 14170 alt. +11

Scale m	Diff. Dm. g No 1	Diff. Dm. g No 2	~~Diff. Dm. g~~ ~~No 3~~	Diff. Dm. h No 1	Diff. Dm. h No 2	mean Gr. h.	Res.	Cir.	Alt Corr. included → Mag
Mean Res 7.10 ± 1 a	6.8	7.0 7.2		6.8	7.0 7.1 (Mean Res. 7.05 ±.1)	7.08	02	03	1.55 8.74
7.80 · a b		7.8			7.70 · a 7.7	7.75	05	05	1.34 9.20
8.40 · a c.		8.4			8.20 · a 8.2	8.30	10	10	1.23 9.64
8.80 · a e		8.8			8.80 · a 8.8	8.80	00	00	1.21 10.12
8.90 · a g		8.9			8.80 · a 8.8	8.85	05	05	1.21 10.17
8.70 · a d		8.7			8.60 · a 8.6	8.65	05	05	1.20 9.96
9.20 · a n		9.2			8.90 · a 8.9	9.05	15	15	1.23 10.39
9.10 · a l		9.1			9.20 · a 9.2	9.15	05	05	1.25 10.51
9.50 · a f		9.5			9.70 · a 9.7	9.60	10	10	1.45 11.16
9.70 · a m		9.7			9.80 · a 9.8	9.75	05	05	1.57 11.43
9.90 · a k		9.9			9.60 · a 9.6	9.75	15	15	1.57 11.43
9.80 · a h		9.8			9.90 · a 9.9	9.85	05	05	1.64 11.60
10.00 · a g		10.0			10.00 · a 10.0	10.00	00	00	off —
10.00 · a o		10.0			10.00 · a 10.0	10.00	00	00	off —
9.80 · a p		9.8			9.80 · a 9.8	9.80	00	00	1.60 11.51
10.00 · a r		10.0			9.90 · a 9.9	9.95	05	05	off —
p									
w									
u									
t									
v									
y									
z									

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1918phae.proj..704B

Saturday May 11, 1918 Monday May 13, 1918

SS Aurigae – Comparison Stars

Series 880

MC 14171 – Pale

2:30 GC

Scale M.	No 1	No 2		No 1		No 2	Mean	Prev
Mean Prev 5	B.	–		5.7	5.9	5.9	5.90	00
– – 6	B	–		6.4	6.6	6.7	6.65	01
2.50 a. 8	2.3	2.5	–	6.8	7.0	7.3	7.15	=1
3.00 a. 9	2.8	3.0	–			8.7	8.70	.a
2.90 a. 10	2.7	2.9	–			8.9	8.90	.a
3.40 a. 11	3.2	3.4	–			9.4	9.40	.a
4.00 a. 12	3.8	4.0	–			9.8	9.80	.a
4.40 00 13	4.2	4.4	4.4			9.7	9.70	.a
4.75 0 = 14	4.6	4.8	4.7					
5.00 = 1 15	4.7	4.9	5.1					
5.75 0 = 16	5.6	5.8	5.7					
6.35 0 = 17	6.2	6.4	6.3					
6.85 1 0 18	6.7	6.9	6.8					
7.60 .a 19			7.6					
7.80 .a 20			7.8					
8.60 .a 23			8.6					
8.90 .a 25			8.9					
9.40 .a 26			9.4					
9.60 .a 27			9.6					
9.90 .a 28			9.9					
29			–					
30			–					

See fr. 12.

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Monday May 13, 1918

SS Aurigae — Comparison Stars.

Series 880

MC 14171 - Pole

Scale	m	Diff'ce g: No 1	No 2	Mean	Res.	Diff'ce h: No 1	No 2	Mean	g-h	Res.
	5	4.3 4.5	4.6	4.55	±0	4.4	4.6 4.60 00 4.6	4.58	03	02
	6	4.7 4.9	4.9	4.90	00	4.7	4.9 4.90 00 4.9	4.90	00	00
	8	5.7 5.9	6.2	6.05	±2	5.9	6.1 6.25 ±2 6.4	6.15	10	10
	9	6.9 7.1	7.3	7.20	±1	6.8	7.0 7.10 ±1 7.2	7.15	05	05
	10	1	7.7	7.70	.a		7.70 .a 7.7	7.70	00	00
	11		8.4	8.40	.a		8.20 .a 8.2	8.30	10	10
	12		8.6	8.60	.a		8.60 .a 8.6	8.60	00	00
	13		8.8	8.80	.a		8.80 .a 8.8	8.80	00	00
	14		9.4	9.40	.a		9.20 .a 9.2	9.30	10	10
	15		9.6	9.60	.a		9.70 .a 9.7	9.65	05	05
	16		10.0	10.00	.a		9.80 .a 9.8	9.90	10	10
	17		9.9	9.90	.a		9.70 .a 9.7	9.80	10	10
	18									
	19									
	20									
	23									
	25									
	26									
	27									
	28									
	29									
	30									

See P. 13

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1918phae.proj..704B

Wednesday May 15, 1918.

10:40

SS Aurigae - Comparison Stars.

AC 17196			AC 19893	
a	6	c	a	5 c
c	3	b	c	2 b
b	7	d	b	6 d
d	1	e	d	4 e
e	5	k	e	4 f
k	2	f	f	2 k
f	1	h	k	1 h
h	1	g	h	2 g
g	5	e	~~g 3 m~~	
e	& 1	n	~~a + e~~	
n	2	m	g	4 m
m	3	p	m	o n
p	2	o	n	1 e
o	3	q	e	3 p
q	2	r	p	3 o
r	3	s	o	2 q
s	2	t	q	1 r
t	1	u	r	4 s
			s	1 t
			t	1 u
			u	1 v

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Wednesday May 15, 1918

SS Aurigae - Comparison Stars.

a c ~~19671~~ 18441	aC 17040
a 6 c	a 6 c
c 2 b	c 3 b
b 6 d	b 5 d
d 3 e	d 3 e
e 4 k	e 4 k
k 2 f	k 3 h
f 1 ✡ g	h 1 f
~~h 2 g~~	f 1 g
g 2 h	g 4 m
~~✡~~ h 4 l	m 1 ✡ m
l 1 m	✡ m 1 l
m 1 m	l 4 p
m 3 p	p 1 q
p 2 o	~~q 2 o~~
o 1 q	~~m 1 o~~
q 2 r	q 2 o
r 3 s	o 1 r

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1918phae.proj..704B

Tuesday May 21, 1918

SS Aurigae.

	Plate No.	Est.	Remarks	
9:35	AC8289	<12.2	n.r. fogged	✓
	AC13483		i p. Badly trailed	✓
	AC5714	<12.2	n.r.	✓
	AC10174	<12.9	n.r.	✓
	AC6192	<11.1	n.r. p.	✓
	AC15970	<12.2	n.r.	✓
	AC5710	<12.9	n.r.	✓
	AC12146	<12.9	n.r.	✓
	AC10119	10.4	i	✓
	AC6113	<11.7	n.r.	✓
	AC8137	<11.1	i	✓
	AC15743	12.1	i	✓
	AC5683	<12.2	n.r.	✓
	AC12082	<11.1	n.r.	✓
	AC12318	<11.1	n.r.	✓
	AC10329	<11.1	n.r.	✓
	AC6316	<9.9	n.r. p.	✓
	AC8336	10.5	i	✓
	AC13866	<10.2	n.r.	✓
	AC5841	<11.7	n.r.	✓
	AC12291	<11.7	n.r.	✓
	AC10232	<12.3	n.r.	✓
	AC6302	<10.2	n.r. p.	✓
	AC8298	<11.1		✓
	AC5746	<12.2		✓
	AC12263	10.5		✓
	AC10205	<10.2	n.r. fogged.	✓
10:45	AC6235	<11.1	i ~~fog~~	✓

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1918phae.proj..704B

Tuesday May 21, 1918

SS Aurigae

	Plate No	Est.	Remarks.	
11:10	AC 12736	<12.2	n.r.	✓
	AC 14477	<10.2	n.r. i.p.	✓
	AC 10786	<10.2	n.r.	✓
	AC 6721	<11.7	n.r.	✓
	AC 10779	12.0		✓
	AC 14349	<11.7	n.r.	✓
	AC 8993	<12.9	n.r.	✓
	AC 12348	<11.1	n.r.	✓
	AC 10417	10.9		✓
	AC 6638	<10.2	n.r.	✓
	AC 8912	<11.1	n.r.	✓
	AC 14333	<10.2	n.r.	✓
	AC 10389	<12.2		✓
	AC 12339	<12.9	n.r. Stained.	✓
	AC 8881	<12.2	n.r.	✓
	AC 6619	<8.0	t.p. "a" only comp. star for plate	
	AC 10348	<11.1	n.r. fogged	✓
	AC 5198	t.p.		✓
12:00	AC 13878	<11.7	n.r.	✓
12:45	AC 8224		Broken - thrown away.	✓
	AC 8387	<11.7	n.r.	✓
	AC 7557	t.p.		✓
	AC 18756	<11.1	n.r.	✓
	AC 6811	<11.7	n.r.	✓
	AC 14831	<12.2	n.r.	✓
	AC 13041	<11.7	n.r.	✓
	AC 17135	<10.2	n.r. fogged	✓
12:50	AC 7531	t.p.		✓

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Tuesday May 21, 1918

SA Aurigae

	Plate No.	Est.	Remarks.	
12:50	AC 18525	<10.2	n.s.	✓
	AC 6801	<11.1	n.s	✓
	AC 14802		Superposed on AC 16095 yellow.	
	AC 13018	<12.2	n.s.	✓
	AC 17084	<10.2	n.s.	✓
	AC 7505	<9.9	p.	✓
	AC 18356	<12.6	n.s.	✓
	AC 6793	<11.7	n.s.	✓
	AC 14780		yellow	✓
	AC 12826	<11.1	n.s.	✓
	AC 16854		Wrong region.	✓
	AC 7458	<9.9	n.s. p.	✓
	AC 18275	<8.9	n.s. p.	✓
	AC 6769	<11.7	n.s.	✓
1:15	AC 14728	<12.2	n.s.	✓
1:40	AC 5917	<12.6	n.s.	✓
	AC 7926	t.p.		✓
	AC 19276	<11.1	n.s.	✓
	AC 6974	<11.7	n.s	✓
	AC 15048		Iso.	✓
	AC 13166	<11.1	n.s.	✓
	AC 17354		Iso.	✓
	AC 7747	t.p.		✓
	AC 6844	<11.1	n.s.	✓
	AC 14921	<11.7	n.s	✓
	AC 13092	10.4	i	✓
	AC 17304	<12.6	n.s.	✓
2:00	AC 7946	<11.1	n.s	✓

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1918phae.proj..704B

Tuesday May 21, 1918

S.S. Aurigae

	Plate No.	Est.	Remarks.	
2:00	AC 19549	<12.2	n.r.	✓
	AC 7117	11.6		✓
	AC 11161		Badly trailed.	✓
	AC 9333	<11.1	n.r.	✓
	AC 5958	<12.9	n.r.	✓
	AC 7941	<12.6	n.r.	✓
	AC 19342		Iso.	✓
	AC 7077	<10.2	n.r. p	✓
	AC 15495	<10.2	n.r. p	✓
	AC 13395	<10.2	n.r. p	✓
	AC 10015	<10.2	n.r. p.	✓
	AC 6082	<8.9	n.r. p.	✓
	AC 8089	10.1		✓
	AC 15680		Iso.	✓
	AC 5632	10.6		✓
	AC 11236	<12.2	n.r.	✓
	AC 9926	t.r.	Badly trailed	✓
	AC 6066	<12.2	n.r.	✓
	AC 7959	<11.1	n.r.	✓
	AC 19826	<13.4	n.r.	✓
	AC 7222	<11.1	n.r.	✓
	AC 11184	11.3		✓
	AC 9863	<11.1	n.r.	✓
	AC 6003	<11.1	n.r.	✓
	AC 3944	t.p.		✓
	AC 5177	<10.2	n.r. p.	✓
	AC 3773	<8.9	p. n.r.	✓
2:50	AC 4148	<11.7	n.r.	✓

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1918phae.proj..704B

Tuesday May 21, 1918

SS Aurigal

	Plate No.	Est.	Remarks.	
2:50	AC 3876	<8.9	n. e. p.	✓
	AC 3926	t. p.		✓
	AC 3897	t. p.		✓
	AC 4707	10.4		✓
	AC 17986	<11.1	n. e.	✓
	AC 6741	<11.7	n. e.	✓
	AC 5513	<12.2	n. e.	✓
	AC 4574	<11.7	n. e.	✓
	AC 4498	<11.1	n. e.	✓
	AC 10882	<11.1	n. e.	✓
	AC 4099	<10.2	n. e. p.	✓
	AC 3919	<12.2	n. e.	✓
	AC 5378	<11.7	n. e.	✓
	AC 4553	<12.6	n. e.	✓
	AC 4458	<12.2	n. e.	✓
	AC 3882	<8.9	n. e. p.	✓
	AC 4063	<11.1	n. e.	✓
	AC 12820	<12.2	n. e.	✓
	AC 16853	<12.2	n. e.	✓
	AC 11091	<11.7	n. e.	✓
	AC 18082	<11.1	n. e.	✓
	AC 6786	<11.7	n. e.	✓
	AC 14590	<12.2	n. e.	✓
	AC 463	t. p.		✓
	AC 16391	<11.1	n. e.	✓
	AC 11071		Nebulous region.	✓
	AC 17998	<10.2	n. e.	✓
3:30	AC 6756	<11.1	n. e.	✓

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1918phae.proj..704B

Wednesday May 22, 1918

δ Aurigae

8:55	Plate No	Est.	Remarks	
	AC 5580	n.s.	p	✓
	AC 4588	n.s.		✓
	AC 5987	n.s.		✓
	AC 10934	n.s.		✓
	AC 7406	n.s.		✓
	AC 4220	n.s.		✓
	AC 5431	n.s.		✓
	AC 6165		Badly trailed	✓
	AC 8458		i n s.	✓
	AC 2863		n.s.	✓
	AC 7399		n.s.	✓
	AC 4206	11.6?	near limit of vis	✓
	AC 5424	n.s.		✓
	AC 6112		n.s.	✓
	AC 4055		n.s.	✓
	AC 4829		n.s.	✓
	AC 5865		n.s. p.	✓
	AC 275		n.s.	✓
	AC 3371		n.s.	✓
	AC 2189	10.7		✓
	AC 6777		n.s.	✓
	AC 3497		n.s.	✓
	AC 4614		n.s.	✓
	AC 222	10.6		✓
	AC 5574		n.s.	✓
	AC 6264		n.s.	✓
	AC 9126	10.5		✓
9:40	AC 3071		n.s.	✓

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Wednesday May 22, 1918

S S Aurigae

	Plate No	Ext-	Remarks	
9:40	AC7494		n. r. p. i	✓
	AC4252	10.7	i	✓
	AC5550		n. r.	✓
	AC6220		n. r.	✓
	AC9120	10.6	i	✓
	AC3002		n. r.	✓
	AC7470	11.3	i	✓
	AC4240		n. r. i	✓
	AC5506		n. r.	✓
	AC6183		n. r.	✓
	AC9099		n. r.	✓
	AC2939		n. r.	✓
	AC9279		n. r.	✓
	AC5752		n. r.	✓
	AC9405		n. r.	✓
	AC9206		n. r.	✓
	AC7892		t. p.	✓
	AC9318	10.6		✓
	AC5697		n. r.	✓
	AC9314	12.5		✓
	AC9201		t. p.	✓
	AC6690		n. r.	✓
	AC7567		t. p.	✓
	AC4369		n. r. i	✓
	AC5654	11.3		✓
	AC6289		n. r. i	✓
	AC9188		Dals not cover	✓
10:05	AC3130		n. r.	✓

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1918phae.proj..704B

Wednesday May 22, 1918

SS Aurigae

10:05	Plate No.	Est.	Remarks	
	AC 7511		n. r.	✓
	AC 4302		t. p.	✓
	AC 5275	<11.1	>11.7 11.5? 11.7 n. r.	✓
	AC 5948		n. r.	✓
	AC 8257		n. r.	✓
	AC 2415		n. r. i	✓
	AC 7197		n. r.	✓
	AC 4879		n. r.	✓
	AC 5908		n. r.	✓
	AC 8213		n. r.	✓
	AC 2373		n. r.	✓
	AC 7138		n. r	✓
	AC 8377		n. r.	✓
	AC 2480		n. r foggad	✓
	AC 7338		n. r.	✓
	AC 4169		t. p.	✓
	AC 5342		n. r.	✓
	AC 6037		t. p.	✓
	AC 8321		n. r.	✓
	AC 2430		n. r	✓
	AC 7323		n. r.	✓
	AC 4161		n. r.	✓
	AC 6002		n. r.	✓
	AC 8262		n. r.	✓
	AC 2427		t. p.	✓
	AC 7261		n. r. foggad	✓
	AC 4121		n. r.	✓
10:35	AC 8082		n. r. i.	✓

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Wednesday May 22, 1918

SS Aurigae

	Date No.	Est.	Remarks.	
10:35	AC 2275		n.r.	✓
	AC 6833		n.r.	✓
	AC 3565		n.r.	✓
	AC 4706	10.6		✓
	AC 489		n.r.	✓
	AC 8025		n.r i	✓
	AC 2255		mul. im.	✓
	AC 6813		n.r.	✓
	AC 3527		n.r.	✓
	AC 4639		n.r.	✓
	AC 8195		n.r. p.	✓
	AC 2330		n.r.	✓
	AC 7131		n.r.	✓
	AC 4019		n.r.	✓
	AC 4786		n.r.	✓
	AC 590		n.r.	✓
	AC 8176	11.4		✓
	AC 2323		n.r.	✓
	AC 6837		n.r.	✓
	AC 3993		n.r.p.	✓
	AC 4772		n.r.	✓
	AC 585		n.r.p.	✓
	AC 3338		n.r.	✓
	AC 2158		n.r.	✓
	AC 6742		n.r.	✓
	AC 3432		n.r.	✓
	AC 4556		n.r.	✓
11:15	AC 3324		n.r.	✓

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Wednesday May 22, 1918

S S Aurigae

	Plate No	Est.	Remarks.	
11:15	AC15524		Iso.	✓
	AC16974		Does not cover.	✓
	AC16472		" " "	✓
	AC2040		n. r. p.	✓
	AC1085		Does not cover.	✓
	AC3429		n. r. p.	✓
	AC4528	11.9		✓
	AC1778		n. r.	✓
	AC3286		n. r.	✓
	AC2027	11.5		✓
	AC1051		n. r.	✓
	AC3414		n. r. p.	✓
	AC4375		n. r. i	✓
	AC1428		n. r. p.	✓
	AC3233	12.2	near limit vis	✓
	AC1907		n. r.	✓
	AC634		n. r.	✓
	AC1867	11.6	i	✓
	AC1227		n. r.	✓
	AC1406		n. r. i p.	✓
	AC3202		n. r.	✓
	AC1902		t. p.	✓
	AC618		med. im.	✓
	AC1839		n. r. i	✓
	AC1183		n. r.	✓
	AC1375		t. p.	✓
	AC17276	10.5		✓
11:40	AC14647		n. r. i p.	✓

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Wednesday May 22, 1918

SS Aurigae

	Plate No.	Est.	Remarks.	
2:15	AC17241		n.s. l.	✓
	AC17053		n.s. l	✓
	AC19521		lso	✓
	AC3288		t.p. n.s.	✓
	AC17421		n.s. l p	✓
	AC9903		n.s.	✓
	AC19475		n.s. l	✓
	AC28972		n.s.	✓
	AC17434		lso.	✓
	AC12719		n.s.	✓
	AC19386	11.5	l.	✓
	AC19673	10.4	l	✓
	AC16480		lso	✓
	AC18874		t.p.	✓
	AC16095		lso.	✓
	AC19967		n.s.	✓
	AC16701		t.p.	✓
	AC19210		n.s.p.	✓
	AC16061		lso.	✓
	AC19918		n.s.l.	✓
	AC16802		lso.	✓
	AC19186		n.s.p.	✓
	AC7864		Finger print in region	✓
	AC17217		lso	✓
	AC16940		n.s.l.	✓
	AC19110		n.s.p.	
	AC3855		ns.p.	✓
2:40	AC13592		n.s p.	✓

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Thursday May 23, 1918

S S Aurigae

	Plate No	Est.	Remarks	
10:55	AC 17462		C.K.	✓
	AC 18205		Dso.	✓
	AC 13599		Dso.	✓
	AC 18156		n. r. e	✓
	AC 16248		n. r e	✓
	AC 18091		n. r. e.	✓
	AC 13630		n. r.	✓
	AC 19735		Dso.	✓
	AC 13561		n. r.	✓
	AC 16270		Dso	✓
	AC 18414		n. r. e.	✓
	AC 13663		n. r. fogged	✓
	AC 19714		n. r. e	✓
	AC 16461		n. r. extreme Edge	
	AC 18663		n r. e	✓
	AC 13385		n. r.	✓
	AC 17461		Does not cover	✓
	AC 12692		n r. fogged.	✓
	AC 15576		n. r. e	✓
	AC 13723		n r.	✓
	AC 17451		Does not cover.	✓
	AC 10435	12.1?	Limit viz.	✓
	AC 18582	12.1		✓
	AC 17381		Does not cover	✓
	AC 15589		Dso.	✓
	AC 12748		n. r.	✓
	AC 16945		Does not Cover	✓
11:10	AC 17288	10.6.		✓

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Thursday May 23, 1918

SS Aurigae

	Plate No.	Est.	Remarks.	
11:10	aC 15694		Iso.	✓
	aC 18589	12.8		✓
	aC 10436		n. s.	✓
	aC 17479		n. s.	✓
	aC 17198		Does not cover.	✓
	aC 18679		" " "	✓
	aC 17164		n. s. R.	✓
	aC 18654		Does not cover.	✓
	aC 17104		n. s. D.	✓
	aC 12586		n. s.	✓
	aC 15056		Iso.	✓
	aC 13623		Badly trailed	✓
	aC 16752		Does not cover	✓
	aC 10287	11.6?	i fogged.	✓
	aC 18429		Does not cover.	✓
	aC 12332		n. s.	✓
	aC 15018		n. s.	✓
	aC 13611		n. s.	✓
	aC 16745		Does not cover.	✓
	aC 10254		n. s.	✓
	aC 18367	13.6?	Limit vis.	✓
	aC 12269	11.6		✓
	aC 14903		n. s. i	✓
	aC 13583	11.5		✓
	aC 16875		n. s. fogged.	✓
	aC 10358		n. s.	✓
	aC 18553	10.4		✓
12:10	aC 12635		n. s. fogged	✓

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Thursday May 23, 1918

SS Aurigae

	Plate No	Est.	Remarks	
12:10	AC15487		n. r.	✓
	AC13682	12.0		✓
	AC16843		n. r. p.	✓
	AC10337		n. r. i	✓
	AC18483		Iso.	✓
	AC12626		n. r. fogged	✓
	AC15117	11.0		✓
	AC13672		Iso	✓
	AC16775		Iso.	✓
	AC10291		n. r.	✓
	AC18435		Does not Cover	✓
	AC13263		n. r.	✓
	AC16134		n. r.	✓
	AC10096	12.2?	Limit nic?	✓
	AC18143		Iso.	✓
	AC12054		Does not Cover	✓
	AC14717		n. r.	✓
	AC13079	10.7	Fogged	✓
	AC16088		Iso.	✓
	AC10086		n. r.	✓
	AC18144		Does not Cover	✓
	AC11952	10.1	i	✓
	AC14606		n. r.	✓
	AC13040		n. r.	✓
	AC16362		n. r.	✓
	AC10246		n. r.	✓
	AC18315	10.9	Defect near Var.	✓
1:00	AC12185		n. r.	✓

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Thursday May 23, 1918

SS Aurigae.

	Plate No.	Est.	Remarks.	
2:00	AC 13570		Mod. Dens.	✓
	AC 16271		Deo.	✓
	AC 10236		n.e.	✓
	AC 18267		n.e.	✓
	AC 12175		n.e.	✓
	AC 14832	12.7?	Limit vis.	✓
	AC 13396		n.e. p.	✓
	AC 16222		Does not cover.	✓
	AC 10166		n.e.	✓
	AC 18241		Does not cover.	✓
	AC 12117		n.e.	✓
	AC 14801		n.e.	✓
	AC 17937		Does not cover.	✓
	AC 11442		" " "	✓
	AC 14406		n.e.	✓
	AC 12889		n.e.	✓
	AC 15752	10.6		✓
	AC 9983		See P. 70 of this book	✓
	AC 17988		Does not cover.	✓
	AC 11376		n.e.	✓
	AC 14400		n.e.	✓
	AC 12788		n.e.	✓
	AC 18092		Does not cover.	✓
	AC 11615		n.e.	✓
	AC 14573		n.e.	✓
	AC 13030		n.e.	✓
	AC 16077		Deo.	✓
2:25	AC 10034		t.k.	✓

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Friday May 24, 1918

SS Auriga

	Plate No.	Est.	Remarks.	
10:45	AC 19776		n. r.	✓
	AC 18858		Dols not cover.	✓
	AC 19952		" " "	✓
	AC 19358		Do.	✓
	AC 11027		n. r.	✓
	AC 19725		Do.	✓
	AC 18737		Dols not cover.	✓
	AC 19894		Dols not cover.	✓
	AC 19119		" " "	✓
	AC 20032		Do.	✓
	AC 17978		n. r.	✓
	AC 11457		n. r.	✓
	AC 14441		n. r. R. fogged.	✓
	AC 12978		n. r.	✓
	AC 15899	13.3?	Limit uncl.	✓
	AC 10007		n. r. R. fogged.	✓
	AC 20004		Do.	✓
	AC 9416	12.5	Limit uncl.	✓
	AC 19379		Dols not cover.	✓
	AC 11132		n. r.	✓
	AC 19654		~~n. r.~~. Dols not cover.	✓
	AC 11289		n. r. p.	✓
	AC 13907		Do.	✓
	AC 20070		n. r.	✓
	AC 19330		Do	✓
	AC 11015		n. r.	✓
	AC 19694		Dols not cover.	✓
11:10	AC 18722		Do.	✓

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Friday May 24, 1918

SS Aurigae.

	Plate No.	Est.	Remarks.	
11:10	AC 13860		n.r.	✓
	AC 19151		Does not cover.	✓
	AC 10482		n.r. Fogged.	✓
	AC 9424		n.r. p.	✓
	AC 19513		Does not cover.	✓
	AC 11250		n.r.	✓
	AC 19833	13.3?	Limit mis	✓
	AC 19211		Does not cover	✓
	AC 10787		n.r.	✓
	AC 9862		n.r.	✓
	AC 19588		n.r.	✓
	AC 11260		n.r.	✓
	AC 9419		n.r.	✓
	AC 19476		Does not cover.	✓
	AC 19796		n.r.	✓
	AC 19069		n.r. Fogged.	✓
	AC 10823		n.r.	✓
	AC 9965		n.r.	✓
	AC 17556		Does not cover.	✓
	AC 11356		n.r.	✓
	AC 14364		Do.	✓
	AC 19228		n.r.	✓
	AC 10793	11.9		✓
	AC 9902		n.r.	✓
	AC 5903		n.r. p.	✓
	AC 4684		n.r.	✓
	AC 7764		n.r.	✓
11:50	AC 1709		n.r. p.	✓

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Saturday May 25, 1918

SS Aurigae

	Plate No.	Est.	Remarks.	
10:40	AC 6935		n. r.	✓
	AC 3406		n. r. p.	✓
	AC 5832		n. r.	✓
	AC 4632		n. r.	✓
	AC 9094		Focus plate	✓
	AC 3892		t. p.	✓
	AC 5970		n. r.	✓
	AC 4798		n. r.	✓
	AC 7912		n. r.	✓
	AC 1858		n. r. p.	✓
	AC 6964		n. r.	✓
	AC 3425		n. r. p.	✓
	AC 5937		n. r.	✓
	AC 4740		n. r.	✓
	AC 7903		t. p.	✓
	AC 6944		n. r.	✓
	AC 3420		n. r. p.	✓
	AC 9093		Focus plate	✓
	AC 4012		n. r.	✓
	AC 6153		n. r. XR.	✓
	AC 5204		n. r. p.	✓
	AC 8087		n. r. Jogged.	✓
	AC 2002		n. r. Jogged.	✓
	AC 7151	12.1?	Limit 12½	✓
	AC 3985		n. r.	✓
	AC 6116		n. r.	✓
	AC 5170		n. r.	✓
11:15	AC 8024		n. r.	✓

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Saturday May 25, 1918

SS Aurigae.

11:15	Plate No.	Est.	Remarks	
	AC1979		n.r. i	✓
	AC4137		n.r.	✓
	AC3911		n.r. p. fogged	✓
	AC6091		n.r.	✓
	AC4816		n.r.	✓
	AC7960		n.r.	✓
	AC1937		n.r.	✓
	AC6984		n.r. fogged.	✓
	AC9054		n.r.	✓
	AC7357	10.4		✓
	AC7305		n.r.	✓
	AC4131		n.r.	✓
	AC6601		n.r. p.	✓
	AC4106		n.r. i	✓
	AC8903		t.p.	✓
	AC5282	10.3?		✓
	AC7224		n.r.	✓
	AC6247		n.r. i	✓
	AC5267		n.r. p.	✓
	AC8232		n.r. p.	✓
	AC2164		n.r.	✓
	AC7205		n.r.	✓
	AC5610		n.r.	✓
	AC4527	11.7		✓
	AC7413		n.r. i.	✓
	AC1276		t.p.	✓
	AC6768		n.r.	✓
11:50	AC3138	12.8?	Limit ns.	✓

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Monday May 27 1918

SS Aurigae

2:45	Plate No	Ext.	Remarks	
	AC1279		n.s. p.	✓
	AC4408		n.s.	✓
	AC6819		n.s.	✓
	AC3252		n.s. p.	✓
	AC5748		n.s.	✓
	AC4573		n.s.	✓
	AC7431		n.s.	✓
	AC1365		n.s. p. c	✓
	AC6792		n.s.	✓
	AC3229		n.s.	✓
	AC5689		n.s.	✓
	AC4563		Focus plate	✓
	AC7417		n.s.	✓
	AC4597		n.s.	✓
	AC7466		n.s.	✓
	AC1377		n.s.	✓
	AC6825		t.p.	✓
	AC3267		n.s. fi.	✓
	AC5783		n.s.	✓
	AC4582		n.s. fogged.	✓
	AC5526		n.s.	✓
	AC4478		t.p.	✓
	AC7380		n.s.	✓
	AC1224		n.s. c	✓
	AC6755		n.s.	✓
	AC3024	11.3	c	✓
	AC580		n.s. c	✓
3:15	AC228	10.9	c	✓

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Tuesday May 29, 1918

SS Auriga.

10:45	Plate No.	Est.	Remarks	
	aC2322		n.s.	✓
	aC5297		n.s. p.	✓
	aC2203	10.6		✓
	aC143		mul. image	✓
	aC1059		n.s.	✓
	aC6712		n.s.	✓
	aC2428		n.s. i	✓
	aC6788		n.s.	✓
	aC3218		n.s.	✓
	aC7514		n.s. p.	✓
	aC1394		t.p.	✓
	aC6918		n.s.	✓
	aC3361		n.s. p.	✓
	aC5804		n.s.	✓
	aC7372	10.8		✓
	aC1156	10.5	i	✓
	aC6719		n.s.	✓
	aC2878		n.s. p.	✓
	aC5389		n.s.	✓
	aC4213		n.s.	✓
	aC7450		n.s.	✓
	aC1376		t.p.	✓
	aC494		t.p.	✓
	aC2343		n.s. fogged	✓
	aC5320		n.s.	✓
	aC2251		~~n~~ t.p. i	✓
	aC151		n.s.	✓
11:30	aC5370		n.s. i	✓

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Tuesday May 28, 1918

S S Aurigae.

	Plate No.	Est.	Remarks.	
11:30	AC4153		n. s.	✓
	AC127		n. s.	✓
	AC685		Iso? yes.	✓
	AC6670		n. s.	✓
	AC2380		n. s.	✓
	AC5325		n. s.	✓
	AC2292		n. s.	✓
	AC678		n. s.	✓
	AC7375	11.0		✓
	AC1191		n. p. i. p.	✓
	AC6747		n. s.	✓
	AC2958		n. s.	✓
	AC5469		n. s.	✓
	AC4336		n. s.	✓
	AC13406		Does not cover	✓
	AC17553		n. s. p.	✓
	AC16333		Iso.	✓
	AC20061		n. s. fogged.	✓
	AC10346		n. s. i.	✓
	AC19030		n. s. p	✓
	AC13376		Does not cover.	✓
	AC17494		n. s.	✓
	AC10932		n. s.	✓
	AC16317	10.5		✓
	AC19869		Iso.	✓
	AC10286	11.5		✓
	AC18746		n. s. i.	✓
12:00	AC13365		Does not cover.	✓

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Friday May 31, 1918

δ Aurigae

10:40	Plate No.	Est	Remarks:	
	aC 17402		n.s. fogged	✓
	aC 16237		n. s.	✓
	aC 11070		n. s.	✓
	aC 10888		Does not cover	✓
	aC 16442		n. s. p. fogged.	✓
	aC 17997		n. s. p.	✓
	aC 10774		n. s.	✓
	aC 19206		n. s.	✓
	aC 13446		Does not cover	✓
	aC 17970		n. s.	✓
	aC 16359		n. s.	✓
	aC 17898	10.5		✓
	aC 10386		n. s.	✓
	aC 19127		n. s.	✓
	aC 10898		n. s.	✓
	aC 11522		n. s.	✓
	aC 16864		n. s.	✓
	aC 13644		Does not cover.	✓
	aC 19460		n. s.	✓
	aC 9171		n. s.	✓
	aC 18191		Do	✓
	aC 11502		n. s.	✓
	aC 16825		n. s.	✓
	aC 13539		Does not cover.	✓
	aC 10061		n. s.	✓
	aC 18366		n. s.	✓
	aC 12003		n. s.	✓
11:10	aC 17008		Do	✓

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Friday May 31, 1918.

S.S. Aurigae.

	Plate No.	Est.	Remarks.	
11:10	AC 13707		Does not cover.	✓
	AC 19615		n.e.	✓
	AC 10047		n.e.	✓
	AC 18343		n.e.	✓
	AC 11944	10.1		✓
	AC 16933		n.e.	✓
	AC 13670		Does not cover.	✓
	AC 19548		n.e.	✓
	AC 9971		n.e.	✓
	AC 18289		n.e.	✓
	AC 11551		n.e.	✓
	AC 16909		Iso.	✓
	AC 13647		Does not cover.	✓
	AC 19526		Iso.	✓
	AC 9278		n.e.	✓
	AC 18238		n.e.	✓
	AC 19724		Iso.	✓
	AC 10177		n.e. i	✓
	AC 18481		Iso.	✓
	AC 12098		n.e. i	✓
	AC 17250		Iso.	✓
	AC 14864		Iso.	✓
	AC 19713		n.e.	✓
	AC 10103		~~Iso~~ i. t. jr.	✓
	AC 18469		Mul. im.	✓
	AC 12081		n.e.p.	✓
	AC 17108		n.e.	✓
11:40	AC 13793		Iso. Does not cover	✓

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Saturday ~~The~~ June 1, 1918

SS Aurigae.

	Plate No.	Est.	Remarks.	
10:35	AC 19682	11.3		✓
	AC 10083		n.s.	✓
	AC 18407		n.s. fogged.	✓
	AC 12011		n.s. ps.	✓
	AC 17064		n.s.	✓
	AC 13722		Does not cover.	✓
	AC 19671	10.6		✓
	AC 19837		n.s.	✓
	AC 10257		n.s.	✓
	AC 18727		Iso.	✓
	AC 13295		Does not cover.	✓
	AC 17330		Iso.	✓
	AC 16194		Iso.	✓
	AC 19804		n.s.	✓
	AC 10244		n.s.	✓
	AC 18635		n.s. fogged.	✓
	AC 13291		Does not cover.	✓
	AC 17314		Iso.	✓
	AC 16111		n.s.	✓
	AC 19791		n.s.	✓
	AC 10247		n.s. i	✓
	AC 18513		n.s. fogged	✓
	AC 12173		n.s.	✓
	AC 17297	11.0		✓
	AC 16104		Iso.	✓
	AC 9137	10.6		✓
	AC 11220		n.s. ps.	✓
11:05	AC 9860		n.s.	✓
	AC 9348		n.s.	✓

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Saturday June 1, 1918

SS Aurigae

	Plate No.	Est.	Remarks.	
11:05	RC9337	n.a.		✓
	RC8927		n.a. p.	✓
	RC9125	10.6		✓
	RC9104		n.a.	✓
	RC11131		n.a. i	✓
	RC9701	10.4		✓
	RC9331		n.a.	✓
	RC8924		n.a.	✓
	RC9117	10.7	i p.	✓
	RC9103		n.a. p.	✓
	RC11072		n.a. p.	✓
	RC9392		n.a. badly tracked	✓
	RC9325	12.1		✓
	RC19377	11.4		✓
	RC9170		n.a. p	✓
	RC18131		n.a.	✓
	RC11368		n.a.	✓
	RC16727		n.a.	✓
	RC13477		Neb. image	✓
	RC19347		Do.	✓
	RC9159		n.a. p.	✓
	RC18121	11.9		✓
	RC11295		n.a.	✓
	RC9943		n.a.	✓
	RC9382		n.a.	✓
	RC18080		n.a.	✓
	RC18052		n.a.	✓
	RC11286		n.a.	✓
11:30	RC9912		n.a.	✓

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Monday June 3, 1918

SS Aurigae.

1:40

Plate No	Ext.	Remarks.	
aC2004		n.s. e.	✓
aC4088		t.p.	✓
aC4030		t.p.	✓
aC3984		n.s.e	✓
aC9881		n.s.e	✓
aC11034		n.s.e	✓
aC11288		n.s.e	✓
aC12030		e.	✓
aC12333		n.s.e	✓
aC12328		~~s.o.t~~ too nr. e	✓
aC11443		n.s.e.	✓
aC12325		n.s.e	✓
aC12312		n.s.e.	✓
aC12305		n.s.e.	✓
aC12868		n.s.e.	✓
aC12815		n.s.e.	✓
aC12737		n.s.e.	✓
aC12695		n.s.e.	✓
aC12992		n.s.e.	✓
aC12991		n.s.e.	✓
aC12989		n.s.e.	✓
aC12986		n.s.e.	✓
aC12929		n.s.e.	✓
aC12998		n.s.e.	✓
aC13015		n.s.e.	✓
aC13008		to nr. edge	✓
aC13004		t.p.	✓
2:20 aC13003		to nr. edge.	✓

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Monday June 3, 1918

SS Aurigae

2:20

Plate No.	Exp	Remarks.	
QC 13650		n. s. e.	✓
QC 13619		n. s	✓
QC 13890		sso.	✓
QC 14616		n. s. e.	✓
QC 14588		n. s. e.	✓
QC 14963		sso.	✓
QC 15864		sso.	✓
QC 16087		sso.	✓
QC 15999		n. s. e	✓
QC 17287	10.5		✓
QC 18062		n s.	✓
QM 280		off edge QM plates not put in ledger	
QM 283		n. s. e.	✓
QC 19616		n. s.	✓
QC 19693	11.5?	e.	✓
QC 19884	11.0	e	✓
QC 19831		n. s. e.	✓
QC 18600		n. s. e	✓
QC 18454		n s e.	✓
QC 18313	10.6	e	✓
QC 18266		n. s p. e.	✓
QC 19462		n. s. p	✓
QC 19425		n. s. e.	✓
QC 19332		sso.	✓
QC 19275		n. s. e.	✓
QC 122		n. s	✓
QC 518	11.5	e	✓
2:55 QC 720		n. s. e	✓

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Tuesday June 4, 1918

SS Auriga

	Plate No.	Cent.	Remarks.	
11:45	AC 15643		Iso.	✓
	AC 13331		n. r. e. p.	✓
	AC 16428		n. r. e. p.	✓
	AC 13000		n. r.	✓
	AM 8034		n. r. e. p.	✓
	AC 14869		Iso.	✓
	AC 16370		n. r. e.	✓
	AC 13264		n. r. e.	✓
	AC 3457		t. p.	✓
	AM 8028		t. p.	✓
	AC 14826		n. r. p.	✓
	AC 16246		n. r. e.	✓
	AC 13244		n. r. p.	✓
	AC 2981		n. r.	✓
	AC 12993		n. r. e	✓
	AM 8027		t. p.	✓
	AC 14810		n. r. e	✓
	AC 16196		Iso.	✓
	AC 13157		t. p.	✓
	AC 2404		n. r. e	✓
	AC 12880		n. r. e. p.	✓
	AC 14747		n. r. e	✓
	AC 16166		n. r. p.	✓
	AC 13155		t. p.	✓
	AC 12184		n. r. e	✓
	AC 2375		n. r. e.	✓
	AC 12344		n. r. started.	✓
12:00	AM 8024		t. p.	✓

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Tuesday June 4, 1918

SS Auriga.

12:00	Plate No	Exp	Remarks.	
	AC14716		n. s. e.	✓
	AC15961		n. s. e	✓
	AC13154		t. p.	✓
	AC2361		n. s. e	✓
	AC12251	10.4	e.	✓
	AM 8023		t. p.	✓
	AC14545		n. s. e p.	✓
	AC15951		t. p.	✓
	AC13151		t. p.	✓
	AC2258		n. s. e	✓
	AC15709		2so.	✓
	AC15624		2so	✓
	AC14982		t. p.	✓
	AC13462		n. s. e	✓
	AC14976		t. p. e	✓
	AC13002		t. p.	✓
	AC13425		n. s. e	✓
	AC14932		t. p.	✓
	AC16973		n. s. e p.	✓
	AC13356		n. s. e	✓
	AC16818		t. p.	✓
	AC13001		t. p.	✓
	AC16751		n. s. e.	✓
	AC14883		n. s. e.	✓
	AC17162		n. s. e.	✓
	AC19040		n. s. e. p.	✓
	AC19219		n. s. e p.	✓
12:25	AC10060		n. s. e.	✓

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Wednesday June 5, 1918

δ Aurigae

10:50	Plate No.	East.	Remarks.	
	AC 1088		Mul. image.	✓
	AC 220		n. s. fogged.	✓
	AC 17131		n. s	✓
	AC 18840		n. s. e.	✓
	AC 19207		n. s. e. p.	✓
	AC 9455	10.7		✓
	AC 1082		n. s. e	✓
	AC 82		n. s. e. p.	✓
	AC 17009		Dso.	✓✓
	AC 18770		n. s. e.	✓
	AC 19128		n. s. e	✓
	AC 9418		n. s. e	✓
	AC 19560		Stars not cover.	✓
	AC 10144		n. s. e. fogged.	✓
	AC 1346		n. s. e. p.	✓
	AC 507		n. s. e p	✓
	AC 17331		Dso.	✓
	AC 18236		mul. image	✓
	AC 19550		n. s.	✓
	AC 10084		n. s.	✓
	AC 1320		n. s.	✓
	AC 443		n. s. e p.	✓
	AC 17249		Dso.	✓
	AC 18215		Dso.	✓
	AC 19537		Dso.	✓
	AC 10082		n. s.	✓
	AC 1201		t. p.	✓
11:20	AC 254		n. s. p.	✓

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Wednesday June 5, 1918

22 Aurigae.

	Plate No.	Ect.	Remarks.	
11:20	AC 18664		n. s. e.	✓
	AC 19987		Dso	✓
	AC 10277		n. s. e fogged	✓
	AC 1801		n. s. e	✓
	AC 1008		n. s. e p.	✓
	AC 17483		n. s. e	✓
	AC 18642		Dso.	✓
	AC 19974		n. s. e.	✓
	AC 10253		n. s.	✓
	AC 1432		extreme edge	✓
	AC 761		n. s. e p.	✓
	AC 17463		n. s. e. p.	✓
	AC 18574		n. s. e. p.	✓
	AC 19739		Dso.	✓
	AC 10225		n. s. e	✓
	AC 1427		t. p.	✓
	AC 644		t. p.	✓
	AC 17424		Dso.	✓
	AC 18423		n. s. e.	✓
	AC 19672	10.4		✓
	AC 10214		n. s.	✓
	AC 1424		t. p.	✓
	AC 605		off edge	✓
	AC 17403		n. s. e p.	✓
	AC 18378		n. s.	✓
	AC 2114		n. s. e.	✓
	AC 12105		no ur. edge.	✓
11:35	AC 17971		n. s. e.	✓

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Thursday June 6, 1918

Lt Aurigae.

	Plate No.	Est.	Remarks	
11:15	AC13671		n.r.p.e	✓
	AC15778	10.6.	e	✓
	AC2070		mul. image	✓
	AC12053		n.r.e	✓
	AC17948		n.r.e	✓
	AC15760	10.6		✓
	AC10771		n.r.e.p.	✓
	AC1987		n.r.e	✓
	AC11410		n.r.e.p.	✓
	AC17899		n.r.e.p.	✓
	AC18685		n.r.e	✓
	AC20023		Dso.	✓
	AC10416	10.7?	e.p.	✓
	AC1908		n.r.e	✓
	AC11119		n.r.e	✓
	AC17555		n.r.e.p.	✓
	AC8105		n.r.e.	✓
	AM 8022		t.p.	✓
	AC13830		n.r.e.	✓
	AC15944		n.r.e	✓
	AC13131		n.r.e.p.	✓
	AC2246		n.r.e fogged	✓
	AC12151		n.r.e i	✓
	AC18132		n.r.e	✓
	AC13762		n.r.e	✓
	AC15815		t.p.	✓
	AC13057		t.p.	✓
11:30	AC2157		n.r.	✓

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Thursday June 6, 1918

SS Aurigae

	Plate No.	Exp.	Remarks.	
11:30	AC12116		D. n. r.	✓
	AC18122		n. r. e.	✓
	AC13742		n. r. e. ÖK	✓
	AC15808	12.2	K. e. scratched	✓
	AC13031		n. r. e K.	✓
	AM 8025		t K.	✓
	AC663		n. r. e.	✓
	AC1337		n. r. e	✓
	AC1846		n. r. e	✓
	AC2328		n. r. e	✓
	AC2283		n. r. e.	✓
	AC3489		t K.	✓
	AC13067		n. r. e.	✓
	AC4141		n. r. e	✓
	AC9861		n. r. e	✓
	AC11014		n. r. e.	✓
	AC10832		n. r. e. superposed on AC 13890 Leo	✓
	AC6901		n. r. e.	✓
	AC6810		n. r. e	✓
	AC6832		n. r. e fogged	✓
	AC6689		n. r. e	✓
	AC6679		t. p. e.	✓
	AC6647		n. r. e	✓
	AC6305	10.1	e	✓
	AC6283		n. r. e	✓
	AC9372		n. r. e. i	✓
	AC9191		t. K.	✓
11:45	AC9166		n. r. e.	✓

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Thursday June 6, 1918

St Aunjac

11:45	Plate #	Est.	Remarks.	
	aC9056		edge fogged.	✓
	aC8994		t.p.	✓
	aC8913		n.s.e.p.	✓
	aC8882		n.s.e.	✓
	aC8354		n.s.e.k.	✓
	aC8310		~~n.s.~~ t.p.	✓
	aC8299		n.s.e.p.	✓
	aC6720		n.s.e.	✓
	aC9308		n.s.e.	✓
	aC9254		n.s.e.	✓
	aC9223		n.s.e	✓
	aC8342	11.6	e.	✓
	aC8290		n.s.e.p.	✓
	aC8237		n.s.e.	✓
	aC8153		n.s.e.	✓
	aC8058		n.s.e	✓
	aC3450	11.4?	e.	✓
	aC4565		n.s.e.	✓
	aC5771		n.s.e ~~150~~ ??200	✓
	aC7460		n.s.e.p.	✓
	aC7528		t.p.	✓
	aC7405		n.s.e.	✓
	aC7330		n.s.e	✓
	aC7301		t.p.	✓
	aC7270		n.s.e.	✓
	aC7246		n.s.e.	✓
	aC7101		n.s.e fogged	✓
12:00	aC6973		n.s.e "	✓

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Friday June 7, 1918

SS Aurigae

	Plate No.	Ext.	Remarks	
9:55	RC3458		Tel. nr. edge	✓
	RC3462		n.r.e.i	✓
	RC3478		n.r.e.	✓
	RC3485		n.r.e.p	✓
	RC3496		n.r.e.	✓
	RC3505		n.r.e	✓
	RC3512		n.r.e	✓
	RC3520		n.r.e	✓
	RC3541		n.r.e.p	✓
	RC5197		n.r.e.p	✓
	RC4732		n.r.e.	✓
	RC4720		n.r.e.	✓
	RC4622		n.r.e.	✓
	RC4488		badly fogged	✓
	RC4358		n.r.e.	✓
	RC4190		n.r.e	✓
	RC8018		n.r.e.	✓
	RC7952		n.r.e.	✓
	RC3219		n.r.e.	✓
	RC6143		n.r.e.p	✓
	RC5982		n.r.e.	✓
	RC5907		n.r.e.	✓
	RC5833		n.r.e.	✓
	RC5340		n.r.e.	✓
	RC5751		n.r.e.	✓
	RC5678		n.r.e.	✓
	RC5573		n.r.e fogged.	✓
10710	RC5499		n.r.e.	✓

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Friday June 7, 1918

SS Amiga

	Plate No.	Est.	Remarks.	
10:10	AC5412		n.s.e.	✓
	AC5316	11.3	e.	✓
	AC5298		t.p.	✓
	AC5250		n.s.e.	✓
	AC2943		n.s.e.	✓
	AC3378		Sols not cover.	✓
	AC3370		n.s.e.	✓
	AC3297		n.s.e.	✓
	AC3283		n.s.e.	✓
	AC3230		n.s.e.p.	✓
	AC6174		n.s.e.	✓
	AC6027		t.p.	✓
	AC5946		n.s.e.	✓
10:20	AC5883		n.s.e.	✓
11:40	AC13017		Cannot be found.	✓
	AC165		Prints thrown away.	✓
	AC9440		n.s.e.	✓
	AC7899		t.p.	✓
	AC13753		n.s.	✓
	AC1263	12.0		✓
	AC5514		n.s.	✓
	AC5283	10.1		✓
	AC14345		Broken Region on rounded part.	✓
	AC1208		t.p.	✓
	AC1245		n.s.e.	✓
	AC1308		n.s.e.p.	✓
	AC1319		to nr. edge	✓
11:45	AC1329		n.s.e.	✓

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Saturday June 8, 1918

SS Aurigae.

11:00	Plate No.	Cat.	Remarks.	
	AC 1838		l.	✓
	AC 1897		l.	✓
	AC 2113		n. r. l.	✓
	AC 2124		two n. r. l.	✓
	AC 3327		n. r. l.	✓
	AC 1178		n. r. l.	✓
	AC 12442		t. p.	✓
	AC 12447		n. r. l.	✓
	AC 6861		n. r. l. fogged	✓
	AC 8909		two n. r. l.	✓
	AC 10939		two n. r. l.	✓
	AC 12043		two n. r. l.	✓
	AC 1742		two n. r. l.	✓
	AC 16933		two n. r. l.	✓
	AC 16950		n. r. l.	✓
	AC 17000		Iso.	✓
	AC 12434		t. p.	✓
	AC 12439		t. p.	✓
	AC 15886		n. r. l.	✓
	AC 16060		Iso.	✓
	AC 16202		Iso.	✓
	AC 16211		n. r. l.	✓
	AC 16285		Iso.	✓
	AC 16736		two n. r. l.	✓
	AC 16774		Iso.	✓
	AC 18143		Iso.	✓
	AC 18212		Iso.	✓
11:25	AC 18411		n. r. l.	✓

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Saturday June 8, 1918

δ Aurigae

	Plate No.	Ext.	Remarks.	
11:25	AC 18452		n. r. e.	✓
	AC 18479		Iso.	✓
	AC 18692		Iso. w. e.	✓
	AC 17879		Iso. w. e.	✓
	AC 18090		a. r. e.	✓
	AC 17411		n. r. e.	✓
	AC 17248		Iso.	✓
	AC 19150		p. w. e.	✓
	AC 19167		t. p.	✓
	AC 19214		n. r. e.	✓
	AC 19397		n. r. e.	✓
	AC 19437		n. r. e.	✓
	AC 1970		n. r. Iso. w. e. Super. on AC 1966	✓
11:35				
4:35	AC 4043	10.8		✓
	AC 5643	10.6		✓
	AC 4040		n. r.	✓
	AC 3607		n. r. p.	✓
	AC 1747		t. p.	✓
	AC 45		n. r. p.	✓
	AC 40		n. r. p.	✓
	AC 13535		n. r.	✓
	AC 16799		n. p.	✓
	AC 16010		n. p.	✓
	AC 14854		~~n. p. t.~~ Iso.	✓
	AC 9411		n. r.	✓
	AC 7047		n. r.	✓
4:50	AC 7710		n. r.	✓

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Saturday June 8, 1918

SS Auriga

	Plate No.	Ext.	Remarks	
4:50	QC12999		t.k	✓
	QC13463		n.s.	✓
	QC13016		n.s. k.	✓
	QM8035		~~t~~.k.	✓
	QC11159		badly trailed	✓
	QC9321	11.9?	jagged.	✓
	QC19235		n.s.	✓
5:00				

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1918phae.proj..704B

Wednesday June 12, 1918

δ Aurigae

9:55

Plate No	Exp.	Remarks.	
A 7045		n. s.	✓
A 7221		n. s.	✓
A 7541		n. s.	✓
A 1065	~~13.6 Dark~~	~~selen~~ p. abandoned and repeated ~~p. 13.4 n. s.~~	✓
mA 512	16.1?	<15.4 16.2 n. s.	✓
mA 515	16.0		✓
mA 920		Does not cover.	✓
mA 923	14.7		✓
mA 930		Does not cover.	✓
mD 6786	<13.4	n. s.	✓
mD 7086	12.0		✓
mD 6816	<13.4	n. s.	✓
mD 11246	<13.4	n. s.	✓
mD 11255	<14.4		✓
mD 10447		~~F. p.~~ Does not cover.	✓
mD 10448		n. s.	✓
mD 10406		n. s.	✓
mD 10551		n. s.	✓
mC ~~mD~~ 14712	10.5		✓
mC ~~mD~~ 14691	10.9		✓
mC ~~mD~~ 14078	12.25		✓
mC ~~mD~~ 10311	11.5		✓
mC 10313		F. p.	✓
mC 10304	12.0		✓
mC 10347	11.4		✓
mF 1129		Does not cover	✓
mF 1130		n. s.	✓
mF 1925	11.3	e.	✓

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1918phae.proj..704B

Wednesday June 12, 1918

SS Aurigae

	Plate No.	Est.	Remarks	
	MF 1926	11.2	~~Dense not clear~~ e.	✓
	MF 1928	10.9		✓
	MF 1929	11.0	e.	✓
	MF 2169	<13.4	n.r.	✓
	MF 2120	<13.4	n.r.	✓
	MF 2121	<13.4	n.r.	✓
	MF 2135	<14.1	n.r.	✓
	MF 2136	<14.4	n.r.	✓
	MF 2401	<14.1	n.r.	✓
1:50	d 32885		e. n.r.	✓
	d 35414		n.r.	✓
	d 35421		n.r.	✓
	d 35471	10.6		✓
	d 35874	11.9		✓
	d 35871	11.5		✓
	d 36851	10.9	i	✓
	d 35962		n.r.	✓
	d 36474	<13.4	n.r.	✓
	d 36435	11.8		✓
	d 36434	11.5		✓
	d 36444	13.5		✓
	d 36462		n.r.	✓
	d 36439	11.8		✓
	d 36426	11.4		✓
	d 36385	10.1		✓
	d 37126	<13.9	n.r.	✓
	d 35431		t.r.	✓
2:15	d 35434		t.r.	✓

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1918phae.proj..704B

Wednesday June 12, 1918

SS Aurigae

2:15

Plate	Est.	Remarks	
ℓ 35444	<13.4	n.r.	✓
ℓ 35475	10.9		✓
ℓ 35203	10.7		✓
ℓ 35204	10.6		✓
ℓ 35287	10.6		✓
ℓ 28334		n.r.	✓
ℓ 28492		n.r.	✓
ℓ 35217	<14.1	n.r.	✓
ℓ 35218		n.r.	✓
ℓ 35220	<14.4	n.r.	✓
ℓ 35224		n.r.	✓
ℓ 35280	10.7		✓
ℓ 35282	10.5		✓
ℓ 35297	10.6		✓
ℓ 35283	10.8		✓
ℓ 35312		n.r.	✓
ℓ 35314		n.r.	✓
ℓ 35315		n.r.	✓
ℓ 35306	12.1		✓
ℓ 35736	<13.4	n.r.	✓
ℓ 35747	<14.4	n.r.	✓
ℓ 35754	<13.9	n.r.	✓
ℓ 35779	10.4		✓
ℓ 35764	14.0		✓
ℓ 35794	10.5		✓
ℓ 35279		n.r.	✓
ℓ 35225	16.0		✓
ℓ 35457		n.r.	✓

2:40

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1918phae.proj..704B

Thursday June 13, 1918

SS. Aurigae

10:30

Plate	Est.	Remarks.	
d 35487	<13.4	n. r.	✓
d 35466	11.0		✓
d 35472	10.9		✓
d 35481	10.6		✓
d 35488	10.6		✓
d 35491	10.9		✓
d 35497	12.2		✓
d 35-5-99	10.9		✓
d 35619	11.7		✓
d 35626		n. r.	✓
d 35644	<13.4	n. r.	✓
d 32901		n. r. e.	✓
d 22258		just off e.	✓
d 35222	<14.4	n. r.	✓
d 35950	11.1		✓
d 35603	10.9		✓
d 28275	10.9		✓
d 36263		n. r.	✓
d 34380		n. r.	✓
d 26621		n. r. extreme corner.	✓
d 26067		" edge	✓
d 16858		n. r. near edge	✓
d 19497	<13.4	n. r.	✓
d 17492	<13.9	n. r.	✓
d 16859		just off corner	✓
d 19745		n. r.	✓
d 12301		n. r. corner.	✓
11:00 d 758	<13.4	n. r.	✓

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1918phae.proj..704B

Thursday June 13, 1918

St Aurigae.

11:00

	Plate	East	Remarks.	
	D 22244		n. e. e.	✓
	D 24412		n. e extreme e.	✓
	D 22482	11.3		✓
	D 26347	<14.4	n. e.	✓
	D 22903		t. p.	✓
	D 25006	11.4		✓
	D 27601		n. e. p.	✓
	D 26745		extreme corners	✓
	D 17329		first off edge.	✓
	D 20205		n. e. e.	✓
	D 21556		Off edge.	✓
	D 23557		" "	✓
	D 26350	<14.4	n. e.	✓
	D 5488		n. e. p.	✓
	D 8053	<13.4	n. e.	✓
	D 9834	11.0		✓
	D 9861		Off corner.	✓
	D 13981		t. p.	✓
	D 14576		Off edge.	✓
	D 17673	14.7		✓
	D 20087	<13.4	n. e.	✓
	D 20802	11.5	p.	✓
	D 22719	12.8	p.	✓
	D 22848	12.0		✓
	D 24237	<14.4		✓
	D 17583	<13.4	n. e.	✓
	D 17653		n. e. p.	✓
11:30	D 725	<13.4	n. e.	✓

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Thursday June 13, 1918

SS Aurigae.

2:00

Plate	Exp	Remarks.	
D 10889		n. r. p.	✓
D 13916	<13.4	n. r.	✓
D 19488	<14.1	n. r.	✓
D 22257	<14.1	n. r.	✓
D 22406	11.8		✓
D 5446		n. r. p.	✓
D 5676	<14.1	n. r.	✓
D 7786	13.7		✓
D 138		t. p. dso?	✓
D 517		t. p.	✓
D 2839	12.1		✓
D 3109		dso n. r.	✓
D 26485	10.5		✓
D 5106		n. r. t. p.	✓
D 5107	<12.9	n. r.	✓
D 17341	<12.2	n. r. p. fogged	✓
D 20104	<13.4	n. r.	✓
D 22163	11.9		✓
D 23556	12.5		✓
D 21555		t. p.	✓
D 5642	<12.9	n. r. p.	✓
D 802	11.5		✓
D 10356		Spec.	✓
D 24441	<13.4	n. r.	✓
D 331	<14.4	n. r.	✓
D 22662	<14.1	n. r.	✓
D 5217	<14.1	n. r.	✓
2:25 D 14019		n. r. p.	✓

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Thursday June 13, 1918

H Arregas

2:40

Plate	Cat	Remarks.	
MC 14169	14.0?	Diff. im. superposed	✓
RC 19893	<14.4	n. r.	✓
RC 17040	~~<14.4~~	n. r.	✓
RC 18441	<12.9	n. r.	✓
RC 17196	<12.9	n. r.	✓
MC 6741	14.7		✓
D 17659	<14.4	n. r. superposed on D 17669	✓
D 21917	10.5		✓
D 17788		Mended plate — regd ✓ an error	
MD 11200	11.2		✓
D 16966	<14.1	n. r.	✓
MC 14677		Not guide cannot find.	✓

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Wednesday July 31, 1918

SS Aurigae.

Plate	Ext.	Remarks.	
D10365	<14.1	n.r.	✓
RC8110		n.r.	✓
RC17173		n.r.	✓
RC18316	11.0		✓
RC14635		n.r.	✓
RC2166		Does not cover	✓
RC15098		n.r.	✓
RC12840		n.r.	✓
RC15925		n.r.	✓
RC13408		n.r.	✓
RC12691		n.r.	✓
RC11318		n.r.	✓
RC11026		n.r.	✓
RC9160		n.r.	✓
RC9711	10.6		✓
RC1934		Does not cover.	✓
RC3751		t.p.	✓
RC6778		n.r.	✓
RC7230		n.r.	✓
RC4820		n.r.	✓
RC3904		n.r.	✓
RC3939		n.r.	✓
RC4279	12.1	i	✓
RC4417		n.r.	✓
RC4428		n.r.	✓
RC4771		n.r. fogged	✓
RC4840		n.r.	✓
RC4872		n.r.	✓
RC19775		n.r.	✓

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1918phae.proj..704B

Wednesday July 31, 1918

Ω Aurigae.

Plate	Exp	Remarks.	
AC 5287	10.4		✓
AC 5341		n.r.	✓
AC 5355		n.r.	✓
AC 5414		n.r.	✓
AC 5492		n.r.	✓
AC 5709		n.r.	✓
AC 5956		n.r.	✓
AC 7206		n.r.	✓
AC 20126		n.r.p.	✓
AC 20133		Does not cover.	✓
AC 19791		n.r. See P. 46	✓
AC 19792		n.r.	✓
AC 1997		Does not cover	✓
AC 4444		n.r.	✓
AC 9983		n.r.	✓
AC 10915		n.r.	✓
AC 12709		n.r.	✓
AC 12920		n.r.	✓
AC 16019		n.r.	✓
AC 2399		n.r.	✓
AC 3456		n.r.e.p.	✓
AC 5540		n.r.	✓
AC 5776		n.r.	✓
AC 5982		n.r.	✓
AC 7948		n.r.	✓
AC 7998		n.r.	✓
AC 12737		n.r. See P. 48	✓
AC 12813		n.r.	✓
AC 1259		n.r.	✓

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Wednesday Sept. 11, 1918

3:45 SS Aurigae

Plate	Exit.	Remarks	
AC 19475		n. r.	✓
AC 17053		n. r.	✓
AC 17241		n. r.	✓

Saturday May 10, 1919

Re-measure:—

MA 923	14.6	✓	
MC 10311	11.6	✓	
MC 10304	12.0	✓	
AC 10779	11.9?	✓	12.2 n. r.
AC 17898	10.6	✓	
AC 19833	13.6?	f ✓	13.9 n. r. Doubtful whether this is in right pos. for var.
AC 10793	11.5	✓	
AC 13570		✓	Mul. image plate – stars ill faint.
AC 15899	13.4?	f.	✓
AC 3469	< 12.2	n. r. e.	✓
AC 10096	< 12.2	n. r.	✓
AC 9314	12.5		✓
AC 9318	10.7		✓
AC 9416	12.4	f.	✓
AC 2255		Mul. image faint.	✓ stars too
D 35619	11.8		✓
D 35754	< 13.9	n. r.	✓
D 35764	14.0		✓
D 36385	10.1		✓

AC 1263 12.0 ✓

AC 11159 – Mul. image plate – upper 5 fall. to prec. = 10.5 ✓ (longest exp.)

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1918phae.proj..704B

Information for Comparison Stars of
S Apodis 14 59 71

I. Number of Reference plates:
B 46932
A 4533

II Marked Chart –
Sample chart enlarged from A 4533 – marked only thru star "o"
Chart for photographic Sequence from D 13301 (enlarged from A 4533)
Marked for entire sequence thru "B."

III. Comp. stars employed – Magn. & tenths.

a	7.9	l	11.7	t	14.4
		l'	12.0		
b	8.0	m	12.5	u	14.8
c	8.2	m'	12.6	w	15.2
a'	8.8	n	12.9	x	15.3
d	8.9	o	13.0	y	15.5
e	9.1	o'	13.2	z	15.5
f	9.9	p	13.2	α	15.9
g	10.4	q	13.4	β	16.4
h	10.7	r	14.0		
k	11.4	s	14.3		

IV. Source of Magn. for Comp. stars.
Series Magn. A k 45.43
Also comp. star sheets for S Apodis, which include additional rel. mags and give final adopted mean

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1918phae.proj..704B

Saturday Dec. 14, 1918

Sheet No. 171

S Agnelis – Comparison stars.

Series 171. – second half.

11:15

Scale M. ~~DM~~ D 46931 – C8.

	Primary			Dff	P.C			
	Sc 1	mean	Sc 2	mean ~~Dm~~	Sc 1	mean	Sc 2	diff
	4.1	4.10 a.						
1	3.9			3.10		9.20 .a	9.2	-2.00
3	4.9 5.1	5.15 20	5.2	2.94		9.70 .a	9.7	-1.61
4	3.9 3.7	3.90 a.		3.82		9.50 .a	9.5	-1.78
6a	5.0 4.8	5.15 ±1	5.3	3.64				
8	6.0 5.8	5.90 1 1	5.8	3.07				
9	5.9 5.7	5.90 00	5.9	3.32				
11	6.2 6.0	6.40 ±2	6.6	3.11				
12	6.8 6.6	6.80 00	6.8	2.95				
14	6.9 6.7	6.90 00	6.9	3.07				
15	7.1 6.9	7.20 ±1	7.3	3.16				
16	7.1 6.9	7.10 00	7.1	3.42				
18		7.80 .a	7.8	2.88				
20a		7.90 .a	7.9	3.32				
21		8.40 .a	8.4	3.02				
22		8.70 .a	8.7	3.12				
25		9.00 .a	9.0	3.26				
25a		9.40 .a	9.4	3.27				
26		9.60 .a	9.6	3.13				
27		9.80 .a	9.8	3.51				

11: ~~45~~

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1918phae.proj..704B

Saturday Dec. 14, 1918

S Apodis – Comparison Stars

11:45

Series 171 – second half

Scale M B46931 – Cg – continued. Diff Im. poor

Sc	Diff "g"	Sc	mean (g+h)	Sc	Diff "h"	Sc	Diff.
1	7.2		7.40 ±2			7.6	−0.20
3	8.5		8.40 1 1			8.3	−0.3½
4	7.7		7.60 1 1			7.5	+0.2½
6a	8.6		8.65 0 1			8.7	+0.14
8	9.0		9.10 ±1			9.2	−.13
9	9.7		9.75 1 0			9.8	−0.53
11	9.9		9.90 0 0			9.9	−0.39
12							
14							
15							
16							
18							
20a							
21							
22							
25							
25a							
26							
29							

17:00

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1918phae.proj..704B

Saturday Dec. 14, 1918

δ Ophiuchi – Comparison stars. Cofnecks Bk 45:43

12:00 Series 171 – record half.

Scale M B #6932 – δ Ophiuchi. alt cor – .22

Primary P.C.

	Sc 1	mean	Sc 2	Cu.	magn.	Sc 1	Sc 2	Cu	magn.
a	4.6	4.80	4.8	3.22	8.02		9.7	−1.57	8.13
b	4.7	4.80	4.7	3.22	8.02		9.8	−1.56	8.24
c	4.8	4.95	4.9	3.19	8.14		9.9	−1.54	8.36
a'	5.8	5.90	5.8	3.12	9.02				
d	5.9	6.00	5.9	3.11	9.11				
e	6.1	6.35	6.4	3.09	9.44				
f	6.8	7.15	7.3	3.05	10.20				
g			7.7	3.05	10.75				
h			7.9	3.06	10.96				
k			8.6	3.14	11.74				
l			8.8	3.20	12.00				
m			9.5	3.35	12.85				
n			9.8	3.41	13.21				
o			9.9	3.44	13.34				

Diff. "g"

	Sc 1	Sc 2	mean (g+h)
a		8.5	8.55
b		8.6	8.60
c		8.7	8.75
a'		9.3	9.40
d		9.5	9.60
e		9.6	9.60

Diff. "h"

Sc 1	Sc 2	Cu.	magn.
	8.6	−0.26	8.29
	8.6	−0.27	8.34
	8.8	−0.27	8.48
	9.5	−0.30	9.10
	9.7	−0.31	9.29
	star super	−0.31	9.29

12:20

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1918phae.proj..704B

Saturday, Dec. 14, 1918

Copied Bk 35:68

δ Apodis – Comparison stars

12:20

Series 171 – second half

Scale M. B 46 933 – Carte.

alt Cor +.08

	Primary				P.C.			
	Sc 1	Sc 2	Cu	magn.	Sc 1	Sc 2	Cu	magn.
1	2.9 2.7	2.8				8.1		
2	4.4 4.2 6.0	4.5	3.27	7.72		9.3	-1.62	7.68
3	5.8	5.9	3.12	9.07				
4	5.9 5.7	5.8	3.13	8.98				
5	6.4 6.2 7.0	6.5	3.09	9.54				
6	6.8	6.7	3.06	9.91				
7		7.7	3.05	10.75				
8		7.9	3.06	10.96				
9		8.0	3.06	11.06				
10		8.6	3.14	11.74				
11		8.8	3.19	11.99				
12		8.9	3.21	12.11				
13		8.9	3.21	12.11				
14		9.0	3.22	12.22				
15	see below	9.6	3.36	12.96				

	Diff "g"			Diff "k"			
	Sc 1	Sc 2		Sc 1	Sc 2	Cu	magn.
1		6.7	6.65		6.6		
2		7.9	8.05		8.2	-0.23	7.97
3		9.2	9.30		9.4	-0.30	9.10
4		9.5	9.60		9.7	0.32	9.38
5		10.0	10.00		10.0	-0.32	9.68

continued from above.

	Cu	magn.
16 9.6	3.37	12.97
17 9.7	3.39	13.09

12:40

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1918phae.proj..7048

Saturday Dec. 14, 1918,

12:40

Copied B 2345:48

δ Apodis — Comparison Stars

Series 171 - second half.

Scale M. B 46935 — R Triang. Aust. alt corr = .15

	Primary Sc 1	Sc 2	Cu.	Magn.	P.C. Sc 1	Sc 2	Cu	Magn.
a	3.1 (3.3)	.	3.45	6.75	.	7.8	.	.
b	3.6 (3.8)	.	3.35	7.15	.	8.4	.	.
c	4.2 (4.4)	4.0 (4.0) 4.4	3.27	7.67	.	8.8	-1.66	7.14
d	5.7 (5.9)	5.5 (5.5) 5.8	3.13	8.98	.	.		
e	5.8 (6.0)	5.9 (5.9) 5.8	3.13	9.03	.	.		
f	6.7 (6.9)	5.8 (5.8) 6.8	3.06	9.91	.	.		
g	.	7.3	3.05	10.35	.	.		
h	.	8.0	3.07	11.07	.	.		
k	.	8.4	3.11	11.51	.	.		
l	.	8.9	3.21	12.11	.	.		
m	.	9.1	3.25	12.35	.	.		
n	.	9.6	3.36	12.96	.	.		
o	.	9.9	3.44	13.34	.	.		
p	.	10.0	3.47	13.47	.	.		

	Diff. "g" Sc 1	Sc 2		Diff. "a" Sc 1	Sc 2	Cu	Magn.
a	6.6 (6.8)	6.7 (6.7) 6.7	6.7 .03 .02	6.5 (6.7)	6.7 (7.0) 6.7	.	.
b	6.9 (7.1)	7.0 (7.0) 7.0	7.00 .05 .05	6.8 (7.0)	6.9 (6.9) 6.9	.	.
c	.	7.3	7.50 .2 ~	.	7.7	-0.20	7.30
d	.	8.7	8.70 .0 .0	.	8.7	-0.27	8.43
e	.	8.7	8.75 .05 .0	.	8.5	-0.28	8.47
f	.	9.7	9.75 .1 .0	.	9.8	-0.32	9.43
g	.	9.9		.	f.	-0.32	9.58

12:55

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1918phae.proj..704B

Saturday Dec. 14, 1918

1:30.

δ Aquilæ – Comparison stars.

Series 171 – Second half.

Scale m. B46936 – C8.

	Primary			O. C		
	Sc 1	Sc 2	Dyn.	Sc 1	Sc 2	Dyn.
1	4.0 3.8		3.20		8.9	-1.70
3	5.0 4.8	5.1.5 2 1 5.3	2.94		9.8	-1.71
4	3.4 3.2		4.32		9.2	-1.48
6a	5.2 5.0	5.2.0 0 0 5.2	3.59		10.0	-1.21
8	6.0 5.8	6.0 0 0 6.0	2.97			
9	6.1 5.9	6.0 1 5.9	3.22			
11	6.8 6.6	6.6 2 2 6.4	2.91			
12	7.0 6.8	6.9 5 1 6.9	2.80			
14		7.2	2.77			
15		7.6	2.76			
16		7.7	2.82			
18		7.8	2.88			
20a		7.9	3.32			
21		8.5	2.92			
22		8.7	3.12			
25		9.0	3.26			
25a		9.6	3.07			
26		9.8	2.93			
27		9.8	3.51			

1:50

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1918phae.proj..704B

Saturday Dec. 14, 1918

1:50

δ Ophiuchi - Comparison stars.
Series 141 - Second half
Scale M B 46936 - C 8. continued. Diff Ann Arbor

	Diff "g" Sc 1	Sc 2		Diff "a" Sc 1	Sc 2	Diff.
1		7.5	7.60, 1		7.7	-0.40
3		8.6	8.60, 0		8.6	-0.51
4		7.7	7.65, 0		7.6	+0.07
6a		8.7	8.70, 0		8.7	+0.09
8		9.7	9.60, 1		9.5	-0.63
9		9.9	9.85, 0		9.8	-0.63
11		9.9	9.90, 0		9.9	-0.39
12						
14						
15						
16						
18						
20a						
21						
22						
25						
25a						
26						
27						

1:55

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1918phae.proj..704B

Monday Dec. 16, 1918

10:40

Shut no 7 187

Scale M.

δ Apodis — Comparison stars. Series 176. - Second half.

B 46976 - C 7.

	Primary				P.C.		
	Sc 1	Sc 2	Diff.		Sc 1	Sc 2	Diff.
1	3.30 3.1		3.55			8.7	-1.85
2	4.4 4.2	4.45	4.5	3.26		9.1	-1.39
3	4.7 4.5	4.65	4.6	3.46		9.4	-1.29
4	4.9 4.7	4.80	4.7	3.40		9.6	-1.40
5	5.0 4.8	5.10	5.12	3.46		10.0	-1.44
6	5.6 5.4	5.65	5.7	3.29			
7	6.0 5.8	5.95	5.9	3.25			
8	6.4 6.2	6.55	6.7	3.05			
9	6.3 6.1	6.35	6.4	3.46			
11	7.1 6.9	7.10	7.2	3.01			
12			7.6	2.76			
13			7.7	2.96			
15			7.9	3.09			
16			8.2	3.03			
17			8.6	2.96			
19			8.9	3.11			
20			8.9	3.36			
21			9.6	3.28			
22			9.7	3.54			
23			9.9	3.50			

10:55

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1918phae.proj..704B

Monday Dec. 16, 1918

10:55 δ Apodis - comparison stars

Series 176 - second half.

Scale M B46976 - C 7 continued.

	Diff "g"			Diff. "c"		
	Sc 1	Sc 2		Sc 1	Sc 2	
		t.p.			t.p.	Diff.
1						
2		7.7	7.75_{1}^{0}		7.8	−0.04
3		8.2	8.15_{0}^{1}		8.1	−0.04
4		8.6	8.65_{0}^{1}		8.7	−0.45
5		8.7	8.75_{1}^{0}		9.8	−0.19
6		8.9	8.90_{0}^{0}		8.9	+0.04
7		9.8	9.80_{2}^{0} (R)		8.9*	−0.60
8		9.9	9.95_{1}^{0}		10.0	−0.35

*Inv. viridis - diff. inv "g" elongated - probably super. inv. star image.

11:05

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Monday Dec. 16, 1918

11:05 S Ophiuchi – Comparison stars. Copied B6 45.48

Series 176 – second half.

Scale m B46983 – Q Triang. Aust. alt. con. -.15

	Primary Sc 1	Sc 2	Cu.	Magn	P.C. Sc 1	Sc 2	Cu	Magn.
a	2.9 2.4 3.5	B				7.9		
b	3.3 3.8	R	3.44	6.94		8.4	−1.82 ε	6.58 ε
c	3.6 5.0	B.	3.38	7.18		8.6	−1.76	6.84
d	4.8 5.8	4.90 ± 4.8	3.21	8.11		10.0	−1.30	8.70
e	5.6	5.1 ± 5.6	3.09	8.79				
f	6.0 6.2 7.0	6.05 ± 5.9	3.04	9.09				
g	6.8	6.95 ± 6.9	2.94	9.88				
h		7.8	2.86	10.66				
k		8.3	2.87	11.17				
l		8.5	2.88	11.38				
m		9.1	2.96	12.06				
n		9.4	3.01	12.41				
o		9.8	3.10	12.90				
p		10.0	3.15	13.15				

	Diff "g" Sc 1	Sc 2	mean		Diff "h" Sc 1	Sc 2	Cu	Magn.
c X	6.9 6.7	6.95 ± 7.0	5.95	a	6.0 5.8	5.90 ± 5.8		
b	6.7 6.5	6.75 ± 6.8	6.78 ± .02	b	6.8 6.6	6.80 ± 6.8		
a d	6.1 5.9	6.00 ± 5.9	6.98 ± .02	c	7.1 6.9	7.00 ± 6.9		
d		8.7	8.70	d		8.7	−0.34	8.36
e		8.7	8.60 ±	e		8.5	−0.33	8.27
f		9.4	9.50 ±	f		9.6	−0.38	9.12

11:25

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Monday Dec. 16, 1918

δ Ophiuchi – Comparison stars.

Copied 45:43

11:25

Series 176 – second half.

Scale m B46984 – δ Ophiuchi. alt con -22

Primary

	Sc 1	Sc 2		Cu.	Magn.
a	5.0 4.8	4.95	4.9	3.20	8.15
b	4.9 4.7	4.85	4.8	3.22	8.07
c	5.0 4.8	4.95	4.9	3.20	8.15
a'	6.0 5.8	5.90	5.8	3.06	8.96
d	6.1 5.9	6.00	5.9	3.05	9.05
e	6.3 6.1	6.30	6.3	3.00	9.30
f	7.0 6.8	7.10	7.2	2.91	10.01
g			7.7	2.87	10.57
h			8.1	2.85	10.95
k			8.7	2.90	11.60
l			8.9	2.92	11.82
m			9.5	3.03	12.53
n			9.9	3.13	13.03
o			9.9	3.13	13.03

P.C.

Sc 1	Sc 2	Cu	Magn.
	9.7	-1.40	8.30
	9.8	-1.38	8.42

Diff. "g"

	Sc 1	Sc 2	mean.
a		8.3	8.25
b		8.5	8.40
c		8.7	8.65
a'		9.5	9.50
d		9.4	9.35
e		9.5	

Diff. "h"

Sc 1	Sc 2	Cu.	Magn
	8.2	-0.32	7.93
	8.3	-0.33	8.07
	8.6	-0.34	8.31
	9.5	-0.38	9.12
	9.3	-0.38	8.97
	super on	-0.38	9.12

11:55

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Monday Dec. 16, 1918

11:55 δ Ophiuchi – Comparison Stars. Copied Bk 4 p. 60.

Series 176 – Second half.

Scale M. B 46986 – F Normal. alt con – 02

Primary

	Sc 1	Sc 2	Cu	Magn.
a	4.6 4.8	4.8	3.22	8.02
b	4.8 4.9	4.9	3.20	8.15
c	5.6 5.1	5.7	3.08	8.83
d	5.9 6.1	6.1	3.03	9.13
e	6.7	7.2	2.92	9.97
f	6.8 7.1	7.2	2.91	10.01
f'		7.9	2.85	10.75
f''		8.2	2.85	11.05
g		8.7	2.90	11.60
h		8.8	2.91	11.71
k		9.3	3.00	12.30
l		9.2	2.98	12.18
m		9.8	3.10	12.90
n		9.9	3.13	13.03
o		n.s		

P.C.

	Sc 1	Sc 2	Cu.	Magn.
a		9.3	-1.55	7.75
b		89.5.	-1.48	8.02
c		9.7	-1.41	8.29

Diff. "g"

	Sc 1	Sc 2	Mean
a		7.9	7.9
b		8.2	8.25
c		8.7	8.60
d		9.3	9.25

Diff. "k"

	Sc 1	Sc 2	Cu.	Magn.
a		7.9	-0.28	7.62
b		8.3	-0.32	7.93
c		8.5	-0.33	8.27
d		9.2	-0.38	8.87

12:10

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1918phae.proj..704B

Monday Dec. 16, 1918

12:10 S Ophiuchi – comparison stars.

Series 176 – second half.

Scale M B46987 – C8.

	Primary			P.C.		
	c_1	c_2	Diff.	c_1	c_2	
1	4.6 (4.8)	4.65 (4.5 / 4.8)	4.5	2.55	9.2	-2.00
3	4.9 (5.1)	4.95 (4.8 / 5.1)	4.8	3.14	9.6	-1.51
4	3.8 (4.0)	B.		3.72	9.2	-1.58
6a	5.7 (5.9)	5.80 (5.9 / 5.7)	5.9	2.99	10.0	-1.21
8	5.7 (5.9)	5.85 (6.0 / 5.7)	5.8	3.12		
9	6.1 (6.3)	6.30 (6.3 / 6.3)	6.3	2.92		
11	6.6 (6.8)	6.75 (6.8 / 6.7)	6.7	2.76		
12	6.8 (7.0)	6.95 (7.1 / 6.8)	6.9	2.80		
14			7.3	2.67		
15			7.8	2.86		
16			7.8	2.72		
18			7.9	2.78		
20a			8.7	2.52		
21			8.8	2.62		
22			8.9	2.92		
25			9.6	2.66		
25a			9.8	2.87		
26			9.9	2.83		

12:25

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Monday Dec. 16, 1918

12;25 & Geodis - Comparison stars.

Series 176 - Second half.

Scale M. R. 46987 - C 8. - continued.

	Diff. "g" Sc 1	Sc 2		Diff. "h" Sc 1	Sc 2	
1	7.8		7.85		7.9	-0.65
3	8.1		8.10		8.7	-0.61
4	tr.				tr.	
6a	8.9		8.85		8.8	-0.06
8	9.6		9.55		9.5	-0.58
9	9.6		9.60		9.6	-0.38
11	9.9		9.90		9.9	-0.39

12;30

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1918phae.proj..704B

Tuesday Jan. 21, 1919

~~12:05~~ S Apodis.

Region marked
as B4693 2
AM 5355

Plate	Est.	Remarks.
~~AM 5524~~		too nr. e.
AM 7379		" " "
AM 6108		" " e
AM 2442		" " "
AM 782		
AM 4194		

~~Following AM numbers all 12h -60° region too near edge.~~

2:00

Plate	Est	Remarks.	
AM 4836	<11.7	n. e.	✓
AM 2492	10.9		✓
AM 1584		too near e.	✓
AM 2627		" " "	✓
AM 3605	10.5	i	✓
AM 4832	<10.4	n. e. p.	✓
AM 525		too nr. e.	✓
AM 2626	11.3		✓
~~AM 3~~			
AM 4806	<11.7	n. e.	✓
AM 2483	11.0 f.		✓
AM 485		mul. image.	✓
AM 3498	10.5	f.	✓
AM 2460	11.3		✓
AM 471		mul image	✓
~~AM 4460~~			
2:45 AM 2590	11.2		✓

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1918phae.proj..704B

Wednesday Jan. 22, 1919

Apodis.

10:30

	Plate	Est.	Remarks.	
	am 4147	< 13.0	n.r.	✓
	am 5424		mul. image.	✓
	am 4402	< 11.7	n.r.	✓
	am 5430		mul. im.	✓
	am 5442	11.2		✓
	am 5355	11.2		✓
	am 14014	10.6		✓
	am 13476	11.3	faint obj. bet. "k" + var. ✓ seen on this plate and not on others again so far.	
	am 1190	< 10.4	n.r. p.	✓
	am 5489	11.4		✓
	am 4877	< 13.0	n.r.	✓
	am 4935	< 11.4	n.r.	✓
	am 4431	< 12.5	n.r.	✓
	am 5310	11.3		✓
	am 4215	< 12.5	n.r.	✓
	am 5331	11.5		✓
	am 425		mul. image.	✓
	am 5360	11.6 ?	~~faint obj.~~	✓
	am 4307	< 12.5	n.r.	✓
	am 5388	11.3		✓
	am 5010	12.7		✓
11:10	am 3841	10.6		✓
11:20	am 9928	11.3		✓
	am 8286		t.p. 10.6?	✓
	am 10200		Does not cover	✓
	am 9886		not sent from Peru	✓
11:25				

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1918phae.proj..704B

Wednesday Jan. 22. 1919

S Apodis.

11:25

Plate	Est	Remarks	
am 9275	<10.4	n. s.	✓
am 9791	11.7?	f.	✓
am 9892		Focus plate	✓
am 6125	11.2		✓
am 7162	10.6		✓

11:30

11:35

am 5551	11.1		✓
am 7554	10.6		✓
am 6243	11.5		✓
am 9981	11.3		✓
am 8493	10.6		✓
am 7468	<10.7	n. e. i	✓
am 5549	11.2		✓
am 7534	10.9		✓
am 9950	<10.7	n. r.	✓
am 8530	10.6	i	✓
am 7589	10.6	?	✓
am 6258	11.5		✓
am 8394	10.5		✓
am 6329	11.1		✓
am 5615	11.0		✓
am 6461	11.0	i	✓
am 7439	10.6		✓
am 7449	10.6		✓
am 5739	<11.4	n. e.	✓
am 8103		L. R.	✓
am 6855	11.1		✓

11:55

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Thursday Jan. 23, 1919

S Apodis.

10:50

Plate	Est.	Remarks.	
am 8110		t. p.	✓
am 6887	11.0		✓
am 10050		t. p.	✓
am 9931		t. p.	✓
am 6910	10.9		✓
am 9432	11.3		✓
am 7383	10.6		✓
am 5976	11.3	f.	✓
am 8157		t. p.	✓
am 6961	10.6		✓
am 9469	<10.4	n. e.	✓
am 6154	11.1		✓
am 10025		t. p.	✓
am 7658	10.6		✓
am 6373	10.8		✓
am 5663	11.8		✓
am 6168	11.3		✓
am 8367	10.6	i	✓
am 6427	11.3	fogged.	✓
am 8057		t. p.	✓
am 10118	11.1		✓
am 9549		t. p.	✓
am 6002	11.1		✓
am 8187		t. p.	✓
am 6969	10.6		✓
am 9821	<10.7	n. e	✓
am 6034	<10.4	n. e.	✓
11:40 am 7082	10.6		✓

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Thursday Jan. 23, 1919

S Apodis.

11:40

	Plate	East	Remarks	
	a m 9921		lso.	✓
	a m 9785	< 10.4	n. r.	✓
	a m 6086	11.6		✓
	a m 8212	< 10.4	n. r.	✓
	a m 7094	10.6	f.	✓
	a m 10132	11.1		✓
	a m 9765		lso.	✓
	a m 9911	11.6	~~f~~ g.	✓
	a m 5623	11.1		✓
	a m 7650	10.5		✓
	a m 6333	10.9		✓
11:50	a m 10024		t. r.	✓
12:10	a m 10529		lso.	✓
	a m 12460		t. r.	✓
	a m 11637		lso	✓
	a m 13331	< 10.4	n. r.	✓
	a m 10489	10.6		✓
	a m 12317		lso.	✓
	a m 11611	11.2	f.	✓
	a m 13294	< 10.4	n r.	✓
	a m 10443	10.6		✓
	a m 12308	10.6		✓
	a m 11574		lso	✓
	a m 13288	< 10,4	n. r	✓
	a m 10393	10.6		✓
	a m 12303	10.6		✓
	a m 11561	10.6	f	✓
12:20	a m 11327	10.3	?	✓

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1918phae.proj..704B

Thursday Jan. 23, 1919

S Ophiuchi.

12:20

Plate	Est.	Remarks	
am 11718		Iso.	✓
am 13398	~~11.2~~	f. Est "k" Var n. e. <11.4	✓
am 10700	10.6		✓
am 12883	~~11.1~~	Est "k" var n. e. <11.4	✓
am 11678	10.7		✓
am 13375		Iso.	✓
am 10677	10.5		✓
am 12682		Iso.	✓
am 11670	10.6		✓
am 13368		Iso	✓
am 10631	10.6		✓
am 12544		Iso.	✓
am 11638		Iso.	✓
am 13365		Iso.	✓
am 13178	~~10.9~~	Est. "k" var. n. e. <11.4	✓
am 11781	10.6		✓
am 13436	11.	reject. (Est. "k") <11.7 n. e.	✓
am 10762	10.7		✓
am 11182		Iso.	✓
am 13112	<11.7	n. e.	✓
am 11772	10.6		✓
am 13431	11.6?	f.	✓
am 10739		t. k.	✓
am 13077		Iso.	✓
am 11741		Iso.	✓
am 13420	<10.7	n. e.	✓
am 10716	10.6		✓
12:45 am 12995	<11.4	n. e.	✓

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Thursday Jan 23, 1919

L Apollo.

12:45

Plate	East	Remarks	
am 11170	11.1		✓
am 12140	10.6		✓
am 11165	10.6		✓
am 12135	10.6		✓
am 11021		Do.	✓
am 11083	10.8		✓
am 12103	10.7		✓
am 10972		E. R.	✓
am 11914		E. R.	✓
am 12290	<10.4	M. R.	✓
am 13501	<10.4	M. R.	✓
am 10966	10.6		✓
am 11874	<10.4	M. R.	✓
am 12182		Do.	✓
am 13484	<10.4	M. R.	✓
am 10910	10.9		✓
am 11840	<10.4	M. R.	✓
am 12176		Do.	✓
am 13473		Do.	✓
am 10855		Do.	✓
am 11800	<10.4	M. R.	✓
am 12167		Do.	✓
am 13457	11.4	f.	✓
am 10818	<10.4	M. R.	✓

1:00

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1918phae.proj..704B

Friday Jan. 24, 1919

S Apodis

10:20

Plate	Est.	Remarks	
am 11607	11.1	e	✓
am 8226	10.6	e p.	✓
am 4086	12.3?	f. scratched.	✓
am 8860	<11.4	n. e.	✓
am 11601	11.1		✓
am 8847		t. p.	✓
am 4101	<10.7	n. e.	✓
am 8904	<11.4	n. e.	✓
am 11571		Duo.	✓
am 8841	<11.4	n. e.	✓
am 4188	<13.0	n. e.	✓
am 9095	<10.7	n. e	✓
am 11566		Duo.	✓
am 8836	<11.7	n. e.	✓
am 4221	<13.0	n. e.	✓
am 9034	<10.7	n. e. faint defective	✓
am 11951	10.6	e	✓
am 11890	11.0	e. i p.	✓
am 10418	10.6	f.	✓
am 10513		Duo.	✓
am 13803	11.0		✓
am 8442	<10.4	n. e. badly trailed.	✓
am 5590	11.2		✓
am 7376		t. p.	✓
am 10398	<10.4	n. e.	✓
am 10599	10.9		✓
am 14029	10.6		✓
11:05 am 8326	10.6	e i p.	✓

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1918phae.proj..704B

Friday Jan. 24, 1919

S Apodis

11:05

Plate	Est.	Remarks.	
am 5597	11.1		✓
am 7416	10.6		✓
am 4884	<11.4	m. r.	✓
am 6189	11.1		✓
am 9968	11.3	e. p.	✓
am 5715	12.7		✓
am 12945		Duo.	✓
am 7445	10.6		✓

11:20 ~~am 4926~~

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1918phae.proj..704B

Monday Jan. 27, 1919

S Aquilæ.

3:30

Plate	Est.	Remarks	
B 47301	10.6	e. i	✓
B 47031		to near edge.	✓
B 47250	10.8	e i	✓
B 47178	10.9		✓
B 46747		Iso.	✓
B 46748		Iso.	✓
B 45310		Spec.	✓
B 45320		Iso.	✓
B 45321		Iso.	✓
B 44839		Wrong region.	✓
B 44908	11.0	e.	✓
B 44909	10.8		✓
B 44737	11.1	i	✓
B 44748		Does not cover.	✓
B 44752		Off film.	✓
B 44645	11.0		✓
B 42294	10.6		✓
B 42533	10.6		✓
B 44496		Off film.	✓
B 44505		" edge.	✓
B 44510		Iso. Does not cover	✓
B 44580		Off edge.	✓
B 44584	10.8		✓
~~B 37561~~	+		
B 39177	11.1		✓
B 40202	11.1	e.	✓
B 51365		Iso.	✓
B 51418		Iso.	✓

4:30

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1918phae.proj..704B

Monday Jan. 27, 1919

D Aprodis.

B47417	Iso	✓
B47384	Iso.	✓
B47382	Iso.	✓
B47352	Iso.	✓
B47351	Iso.	✓
B47418	Iso.	✓
B48139	Iso.	✓
B48134	Iso.	✓
B48132	Iso.	✓
B49753	Iso.	✓
B51322	Iso.	✓
B49846	Iso.	✓

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1918phae.proj..704B

Thursday Jan. 30, 1919.

S Apodis.

11:15

Plate	Est.	Remarks	
am 8077		t p. e.	✓
am 8824	< 11.4	n s i e	✓
am 4255		mul. image.	✓
am 8972	< 11.4	n. s. Two exposures	✓
am 12856	< 10.7	n. s.	✓
am 11553	< 10.7	n. s. e.	✓
am 4301	< 11.7	n. s	✓
am 9699		t. p	✓
am 13069		Iso	✓
am 8101		t p	✓
am 5300	11.3		✓
am 6968	10.6		✓
am 10494	10.6	fogged	✓
am 13991	10.6		✓
am 13841	10.6		✓
~~am 4926~~		faint	
am 6856	10.9		✓
am 9941	11.1		✓
am 5951		t. p.	✓
am 13293	< 11.7	n. s.	✓
am 7438	10.7		✓
am 5402	11.3		✓
am 7126	10.6		✓
am 10483	10.6		✓
am 13976	10.6		✓
am 13833	~~< 11.4~~ 10.7	Region defective	✓
am 8045		t. p.	✓
12:00 am 5457	11.1		✓

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1919phao.proj.704B

Thursday Jan. 30, 1919

S Apodis.

12;25

Plate	Est.	Remarks	
am 12294	10.6	e	✓
am 11326		Wrong region	✓
am 4400	<13.0	n. e	✓
am 6276	11.1		✓
am 9721		t. R. e.	✓
am 11304	10.6	R.	✓
~~am 13046~~		faint	✓
am 7385	10.7		✓
am 4772	<12.9	n. R.	✓
am 6221	11.2		✓
am 9799		t R e	✓
am 12991	<11.7	n. R. e.	✓
am 7533	10.6	fogged	✓
~~am 4849~~		faint	
am 6204	11.2		✓
am 9783		t. R.	✓
am 5629		t. R.	✓
~~am 12978~~		faint.	
am 7479	<10.4	n. e. e R.	✓
~~am 4986~~		faint.	
am 6890	11.0		✓
am 9850	11.5	f. e	✓
am 5996		t. R.	✓
~~am 13262~~		faint	
am 7560	10.9		✓
~~am 5046~~		faint.	
am 6933	10.6		✓
12:50 am 9826		Lso.	✓

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1918phae.proj..704B

Thursday Jan. 30, 1919
S Apollo.

12:50

Date	Est.	Remarks	
am 6030		t.p.	✓
am 13111	<12.5	n.a.	✓
am 8170		t.p.e.	✓
am 5069		faint	✓
am 6987	10.6		✓
am 9993	11.0		✓
am 6094	11.4		✓
am 12306	10.6		✓
am 11522		t.p.	✓
am 4310	<12.5	n.a	✓
am 6480	11.0		✓
am 9735	<10.7	n.a.e	✓
am 6323	10.7		✓
am 7112	10.6		✓
am 13850	10.8		✓
am 13815	10.6		✓
am 8499	10.9		✓
am 5550	10.8		✓
am 7052	10.6	p.	✓
am 9737	11.4?	f.	✓
1:05 am 13275	<11.4	n.a.	✓

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1010phae.proj.7040

Monday Feb: 3, 1919

10:15 δ Apodis. - For mags. of fainter Comparison stars see sequence marked and Photo. chart (not sample)

scale dd

α 4533

For reduction see P. 104

mean		Sc 1	Sc 2	Sc2 − Sc1	Dev. from mean		Sc 1	Sc 2	Sc2 − Sc1	Dev. from mean
2.65	05 05 l	2.6 2.5				l	2.7 2.6			
2.80	0 0 l'	2.8 2.7				l'	2.8 2.7			
	m	dbl.				m	dbl.			
3.05	15 15 m'	3.2 3.1				m'	2.9 2.7			
3.70	10 10 n	3.6 3.5				n	3.8 3.7			
	o	dbl.				o	dbl.			
3.85	05 05 o'	3.8 3.7				o'	3.9 3.8			
3.90	00 00 p	3.9 3.8				p	3.9 3.8			
4.30	10 10 q	4.4 4.3				q	4.2 4.1			
5.07	27 13 13 r	4.8 4.7				r	5.2 5.1	5.2	0.1	0.04 mean 0.02
5.58	02 02 08 02 s	5.6 5.5	5.6	+0.1	0.04 0.09	s	5.5 5.4	5.6	0.2	0.14 0.12
5.62	08 02 02 02 t	5.7 5.6	5.6	0.0	0.06 0.02	t	5.6 5.5	5.6	0.1	0.04 0.02
5.98	02 08 02 02 w	6.0 5.9	5.9	0.0	0.06 0.02	w	6.0 5.9	6.0	0.1	0.04 0.02
6.72	02 02 08 02 w'	6.7 6.6	6.7	+0.1	0.04 0.03	w'	6.8 6.7	6.7	0.0	0.06 0.08
6.82	08 12 08 02 x	6.9 6.8	6.7	−0.1	0.04 0.06	x	6.9 6.8	6.8	0.0	0.06 0.08
7.05	15 15 y		6.9	+0.05 mean		y		7.2		
7.55	15 15 z		7.4	mean of differences for both measures		z		7.7		
7.75	05 05 Q		7.8	+0.06		Q		7.7		
8.35	05 05 B		8.4			B		8.3		

N.B. - This is the first time Sc 2 has been used.

For this plate, use provisional correction +0.1 for Scale 1. H.S.L. Feb. 3, 1919.

11:00

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1918phae.proj..704B

Monday Feb. 3, 1919

δ Ajodia. – For magn. of fainter comp. stars.

1:45

B 44584

Scale M.

	1st meas. p.c.	2nd meas.	mean	Diff.
a	7.7	7.7	7.70 00	0.25
b	7.8	7.8	7.80 00	0.24
c	8.1	8.2	8.15 05 05	0.01
a'	8.7	8.7	8.70 0 0	0.13
d	8.6	8.7	8.65 05 05	0.23
e	8.8	8.8	8.80 0 0	0.26
f	9.7	9.7	9.70 00	0.19

Primary

l
l'
m
m'
n
o

Too bright to get mags from p.c.

	1st meas.	2nd meas.	mean.	Cu.	mag.	mag. corrected for Reduction constant for prismatic comp. 5.35
o	7.6	7.5	7.55 05 05	0.20	7.75	13.10
o'	7.7	7.6	7.65 05 05	021	7.86	13.21
p	7.7	7.6	7.65 05 05	0.21	7.86	13.21
q	7.8	7.9	7.85 05 05	0.21	8.06	13.41
r	8.6	8.6	8.60 0 0	0.22	8.82	14.17
s	8.7	8.7	8.70 0 0	0.22	8.92	14.27
t	8.8	8.8	8.80 0 0	0.22	9.02	14.37
u	9.3	9.3	9.30 0 0	0.20	9.50	14.85
w	9.4	9.6	9.50 10 10	0.20	9.70	15.05
x	9.5	9.7	9.60 10 10	0.19	9.79	15.14
y	9.9	10.0	9.95 05 05	0.17 e	10.12 e	15.47 e
z	9.6	9.6	9.60 0 0	0.19	9.79	15.14
χ						

2:15 β

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1918phae.proj..704B

Monday Feb 3, 1919

δ Aphodis. - For mags. & fainter comp stars.

2:30 B44645

Scale M

	p.c 1st meas	p.c 2nd meas	mean		Diff.
a	7.7	7.7	7.70	00	0.25
b	7.7	7.6	7.65	05 05	0.39
c	8.1	8.0	8.05	05 05	0.11
a'	8.7	8.6	8.65	05 05	0.18
d	8.7	8.7	8.70	0 0	0.18
e	8.8	8.8	8.80	0 0	0.26
f	9.7	9.7	9.70	0 0	0.19

Reduction constant for p.c 5.35

Primary.

	1st meas	2nd meas	Mean.		Cc.	Mag.	mag. corrected for p.c.
o	7.5	~~7.4~~	7.45	05 05	0.27	7.72	13.07
i	7.6	7.6	7.60	0 0	0.25	7.85	13.20
p	7.6	7.7	7.65	05 05	0.25	7.90	13.25
g	7.7	7.8	7.75	05 05	0.24	7.99	13.34
r	8.1	8.1	8.10	0 0	0.22	8.32	13.67
s	8.7	8.8	8.75	05 05	0.19	8.94	14.29
t	8.7	8.8	8.75	05 05	0.19	8.94	14.29
u	9.3	9.3	9.30	0 0	0.20	9.50	14.85
w	9.7	9.7	9.70	0 0	0.20	9.90	15.25
y	9.8	9.8	9.80	0 0	0.20	10.00	15.35
z	9.9	10.0	9.95	05 05	0.20 e	10.15 e	15.~~50~~ e
d2	9.9	10.0	9.95	05 05	0.20 e	10.15 e	15.50 e

2:50

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1918phae.proj..704B

Tuesday Feb. 4, 1919

See P. 101

Scale 2a

Used mean Column IV of comp. star sheets & reduced

a 4533 – Reduction.

	mean	Diff.	Cu.	mag.
l	2.65	9.04	.	
l'	2.80	.	.	
m	.	.	.	
m'	3.05	.	.	
n	3.70	9.20	9.24	12.94
o	.	.	.	.
o'	3.85	9.35	9.22	13.07
p	3.90	9.33	9.20	13.10
q	4.30	9.08	9.10	13.40
r	5.07	8.85	8.93	14.00
s	5.58	8.70	8.80	14.38
t	5.62	8.71	8.78	14.40
u	5.98	8.87	8.70	14.68
w	6.72	8.43	8.50	15.22
x	6.82	8.42	8.47	15.29
y	7.05	8.43	8.41	15.46
z	7.55	7.77	8.27	15.82
A	7.75	.	8.19	15.94 e
B	8.35	.	8.00 e	16.35 e

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1918phae.proj..704B

Friday Feb. 7, 1919

S Apodis – comp. stars.

2:20

used mean column IV of comp. stars
select & reduce.

	B 16157				
	Sc	Sc	Diff	cu	mag.
h	5.9 5.7	5.90	5.9	4.84	4.77 10.67
k	7.0 6.8	6.95	6.9	4.50	4.70 11.65
l	7.1 6.9	7.05	7.0	4.64	4.69 11.74
l'	.		7.3	.	4.67 11.97
m	.		7.8	4.67	4.65 12.45
m'	.		7.9	.	4.64 12.54
n	.		8.2	4.70	4.63 12.83
o	.		8.3	4.74	4.62 12.92
p	.		8.6	4.60	4.60 13.20
p.	.		8.7	4.53	4.60 13.30
q	.		8.8	4.58	4.59 13.39

2:30

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1918phae.proj..704B

Tuesday Feb. 11, 1919

11:15

S Apodis (With new mags, i.e. after selection of duller stars and additional measures of some brighter ones.)

Star K still used as 11.4 mag.

↓ This note applies to all succeeding measures.

Plate	Est.	Remarks.	
aM 13476	11.3		✓
aM 13046	11.9	f.	✓
aM 4926	13.1		✓
aM 5069	12.8		✓
aM 5046	12.7		✓
aM 13262	12.0		✓
aM 4986	12.8		✓
aM 12977	12.9	? f.	✓
aM 4849	13.2	? f.	✓

See note against aM 13476 p. 88 — faint obj also on aM 4849 also.

B 44584	10.8	✓
B 44645	10.9	✓
B 27625	11.5	✓
aM 5355	11.3	✓
B 41642	10.6	✓
B 41779	10.6	✓
B 40227	11.3	✓
B 37561	13.8	✓
B 15691	11.6	✓
B 15730	11.5	✓
B 17313	11.2	✓

12:10

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1918phae.proj..704B

Tuesday Feb. 11, 1919

Algol. — See note P106

2:20

Plate	Est.	Remarks.	
AM 8031		plate missing	✓
AM 7504	10.6		✓
AM 13326		t. p.	✓
AM 10945	10.7		✓
AM 10468	10.6		✓
AM 4750		t. p.	✓
AM 4384	<11.7	n. e.	✓
AM 8290	10.6		✓
2:35 B16187	11.2		✓
2:40 B46984	10.6		✓
B46932	10.6		✓
B15926	~~11.8~~	11.1 (Error in Recording)	✓
B17117	11.3		✓
B50193	12.9	f.	✓
B50364	13.1		✓
B50659		Dr. nr. edge	✓
B50737		" " "	✓
B48002	10.6		✓
B46935		Does not cover	✓
B46983		" " "	✓
B18948	10.7		✓
B16387	11.1		✓
B6341	11.4		✓
B48097	10.6		✓
B50135	13.1		✓

3:00

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1918phae.proj..704B

Tuesday Feb. 11, 1919

S Aquilis - See Note P. 106

3.05

Plate	Est	Remarks.	
a 4533	15.8		✓
a 2666	11.3		✓
a 11319		Do.	✓
a 9423	11.1		✓
a 8769	11.0		✓
a 8227		Dark not cover	✓
a 8226		" " "	✓
a 7788	<13.4	M. R.	✓
3.25 a 7787	<13.4	M. R.	✓

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1918phae.proj..704B

Thursday May. 27, 1919

a 4533

Sapodis – Position of faint comp. stars. Glass plate. Reduction continued P. 115

11:05

	t m.m.	y m.m.	t m.m.	y m.m.	t mean	y mean
Sapodis.	−7.80	3.15	−7.85	3.15	−7.82	3.15
~~a~~	~~−27.50~~	~~−4.50~~				
~~c~~	~~38.30~~	~~17.85~~				
~~a'~~		~~21.60~~				
m	−6.40	6.95	−6.40	6.95	−6.40	6.95
m'	−10.70	7.15	−10.80	7.10	−10.75	7.12
n	−7.90	5.85	−7.90	5.90	−7.90	5.88
o	−6.35	5.60	−6.30	5.55	−6.32	5.58
o'	−3.45	1.75	−3.50	1.75	−3.48	1.75
p	−5.20	8.85	−5.20	8.90	−5.20	8.88
q	−6.70	4.60	−6.75	4.60	−6.72	4.60
r	−10.45	9.45	−10.45	9.45	−10.45	9.45
s	−9.10	3.15	−9.05	3.10	−9.08	3.12
t	−2.85	3.15	−2.80	3.10	−2.82	3.12
u	−5.70	1.90	−5.75	1.95	−5.72	1.92
v	−7.20	2.40	−7.20	2.35	−7.20	2.38
x	−7.55	2.75	−7.60	2.75	−7.58	2.75
y	−7.90	4.80	−7.95	4.80	−7.92	4.80
z	−7.40	5.80	−7.40	5.80	−7.40	5.80
z	−6.95	4.20	−7.00	4.20	−6.98	4.20
β	−8.15	3.30	−8.15	3.30	−8.15	3.30
a	−27.50	−4.50	−27.50	−4.50	−27.50	−4.50
c	39.75	17.85	39.80	17.85	39.78	17.85
a'	−38.50	+21.60	−38.50	21.70	−38.50	21.65

12:05

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1918phae.proj..704B

Thursday Mar. 27, 1919

S Apodis.

2:25

all am Plates

Plate	Est.	Remarks	
10909	10.6		✓
10854		Iso.	✓
10714	10.6		✓
10699	10.6		✓
10622	10.6		✓
10561	10.6		✓
8476	10.6		✓
7379		too near edge	✓
5672		t. p.	✓
5671		too near edge.	✓
5662		" " "	✓
5661		t. p.	✓
5657		too near edge.	✓
5656	11.5?	e.	✓
5631		~~t. p.~~ too near edge	✓
5630		" " "	✓
5546		" " "	✓
5545		t. p.	✓
5511		too near edge	✓
5510		" " "	✓
5501		" " "	✓
5500		" " "	✓
5440		" " "	✓
5439		" " "	✓
5420		" " "	✓
5419		" " "	✓
4901	<11.7	2 e.	✓
11998		Iso.	✓

2:55

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1918phae.proj..704B

Thursday Mar. 27, 1919
S Aquilæ.

2:55

Plate.	Est.	Remarks.	
11952	10.6		✓
11941	11.0		✓
11869	11.0		✓
11866	11.0		✓
11780	10.6		✓
11767	10.6		✓
11756		Iso.	✓
11731		Iso.	✓
11707	10.7		✓
11697	10.6		✓
11657	10.8		✓
11621	11.1		✓
11569		Iso.	✓
11556	10.7		✓
11505		Iso.	✓
11051		Iso.	✓
13355		Iso.	✓
13336	<11.4	n. s.	✓
13223		Iso.	✓
13213		Iso.	✓
13207	12.6		✓
13200	12.6		✓
13190	12.9 f.		✓
13076		Iso.	✓
13039	13.0?		✓
13033	<13.0	n. s.	✓
14517		Iso.	✓
14512		Iso.	✓

All am Plates.

3:20

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1918phae.proj..704B

Thursday Mar. 27, 1919

S Aphelis.

3:20

Plate	Est.	Remarks	
14488	<10.4	n.r.	✓
14283	<10.4	n.r.	✓
14100		Iso.	✓
14086	10.6		✓
14080	10.6		✓
14027	10.6		✓
14019	10.6		✓
14014	10.6		✓
14013	10.7		✓
13843	11.0		✓
13804	10.8		✓
13515	<10.4	n.r.	✓
13487	<10.4	n.r.	✓
13291	<10.7	n.r.	✓
13281	<11.4	n.r.	✓
13273	<10.7	n.r.	✓
13266	<11.4	n.r.	✓
13224		Iso.	✓
13047	<11.7	n.r.	✓
13003	<11.7	n.r.	✓
12992	<11.7	n.r.	✓
12968		Iso.	✓
12946		Iso.	✓
11911	10.6		✓
11886		two near edge	✓
11620	10.9		✓
11048		Iso.	✓
11012	<11.4	n.r.	✓

All AM plates

3:40

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Thursday Mar. 27, 1919

2 Apollo

3:40

Plate	Est.	Remarks	
10707	10.6		✓
10681	10.6		✓
10620	10.8		✓
10601	10.6		✓
10484	10.7		✓
10479		t. r.	✓
10410		t. r.	✓
14361	10.5		✓
14350	10.6		✓
14310		2 s.o.	✓
14305		2 s.o.	✓
14296		2 s.o.	✓
14158	10.6		✓
14126	10.6		✓
14118		2 s.o.	✓
14103		2 s.o.	✓
14096		2 s.o.	✓
14062	<10.4	n. r.	✓
14054	10.5		✓
13388	<10.4	n. r.	✓
13159	<11.7	n. r.	✓
10035		Does not cover	✓
4951	<12.5	n. r.	✓
12336	<10.4	n. r.	✓
12326		2 s.o.	✓
12320		2 s.o.	✓
12307	10.6		✓
12302	10.6		✓

4:00

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Thursday Mar. 27, 1919

2 Aps Atlis.

4:00

	Plate	Est	Remarks.	
	11923	10.8		✓
All	14282	10.9		✓
	14090		Iso.	✓
em	14076	10.6		✓
	13964	10.7		✓
plates	13920		Iso.	✓
	13901		Iso.	✓
	13891		Iso.	✓
	13868		Iso.	✓
	13471		Iso.	✓
	13462		Iso.	✓
	10399		t.p.	✓
	10390	10.6		✓
	10382		Iso	✓
	9974	<10.4	n.i.	✓
	14505		Iso.	✓
	14502		two near edge	✓
	14176		Iso.	✓
	14170		Iso.	✓
	14164	10.6		✓
	10945	10.6		✓
	10953	10.6		✓
	13477		Iso near edge	✓
4:10				
4:25	a 11766	10.6		✓
	B 5403	12.9	ei	✓
	B 5598	<13.4	n.i.	✓
4:35	B 25959	<14.0	n.i.	✓

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1918phae..proj..704B

See P. 109 — continued P. 116

S Apodis. — Position faint comp. stars.

A 4533

1900 $14^h 55.2^m$ $-71° 48'$ $15^h 9.3^m$ $-71° 25'$ $14^h 53.1^m$ $-71° 21'$

	Using "a" Diff. x	Diff. y	Using "c" Diff. x	Diff. y	Using "d" Diff. x	Diff. y	Using "a" sec δ = 3.202 Diff. + x sec δ / 15	Using "c" sec δ = 3.135 Diff. + x sec δ / 15	Using "d" sec δ = 3.135 Diff. + x sec δ / 15
	′	′	′	′	′	′	m.	m.	m.
m	21.10	11.45	−46.18	−10.90	32.10	−14.70	4.5	−9.6	6.7
m′	16.75	11.62	−50.53	−10.73	27.75	−14.53	3.6	−10.5	5.8
n	19.60	10.38	−47.68	−11.97	30.60	−15.77	4.2	−10.0	6.4
o	21.18	10.08	−46.10	−12.27	32.18	−16.07	4.5	−9.7	6.7
o′	24.02	6.25	−43.26	−16.10	35.02	−19.90	5.1	−9.0	7.3
p	22.30	13.38	−44.98	−8.97	33.30	−12.77	4.7	−9.4	7.0
q	20.78	9.10	~~−46.50~~ −50.23	−13.25	31.78	−17.05	4.4	−9.7	6.6
r	17.05	13.95	~~−48.86~~ −50.23	−8.40	28.05	−12.20	3.6	−10.5	5.9
s	18.42	7.62	−48.86	−14.73	29.42	−18.53	3.9	−10.2	6.1
t	24.68	7.62	−42.60	−14.73	35.68	−18.53	5.3	−8.9	7.4
u	21.78	6.42	−45.50	−15.93	32.78	−19.73	4.6	−9.5	6.8
v	20.30	6.88	−46.98	−15.47	31.30	−19.27	4.3	−9.8	6.5
+	19.92	7.25	−47.36	−15.10	30.92	−18.90	4.2	−9.9	6.5
y	19.58	9.30	−47.70	−13.05	30.58	−16.85	4.2	−10.0	6.4
z	20.10	10.30	−47.18	−12.05	31.10	−15.85	4.3	−9.9	6.5
α	20.52	8.70	−46.76	−13.65	31.52	−17.45	4.4	−9.8	6.6
β	19.35	7.80	~~−47.93~~ −48.11	−14.55	30.35	−18.35	4.1	−10.0	6.3
S Apodis	19.68	7.65	−47.60	−14.70	30.68	−18.50	4.2	−9.9	6.4

1900 position Using "a"

$4^h 59.7^m$ 15 0.5

m −71° 37′ t −71 40
$14^h 58.8^m$ $14^h 59.8^m$
m′ −71° 36′ v −71 42
$14^h 59.4^m$ $14^h 59.5^m$
n −71 38 w −71 41
$14^h 59.7^m$ $14^h 59.4^m$
o −71 38 + −71 41
15 0.3 $14^h 59.4^m$
o′ −71 42 y −71 39
$14^h 59.9^m$ $14^h 59.5^m$
p −71 35 z −71 38
$14^h 59.6^m$ $14^h 59.6^m$
q −71 39 α −71 39
$14^h 58.8^m$ $14^h 59.3^m$
r −71 34 β −71 40
$14^h 59.1^m$ $14^h 59.4^m$
s −71 40 Var. −71 40

1900 pos. Using "c"

$14^h 59.7^m$ 15 0.4

m −71 36 t −71 40
$14^h 58.8^m$ $14^h 59.8^m$
m′ −71 36 v −71 41
$14^h 59.3^m$ $14^h 59.6^m$
n −71 37 w −71 40
$14^h 59.6^m$ $14^h 59.4^m$
o −71 37 + −71 40
15 0.3 $14^h 59.3^m$
o′ −71 41 y −71 38
$14^h 59.9^m$ $14^h 59.4^m$
p −71 34 z −71 37
$14^h 59.6^m$ $14^h 59.6^m$
q −71 38 α −71 39
$14^h 58.8^m$ $14^h 59.3^m$
r −71 33 β −71 40
$14^h 59.1^m$ $14^h 59.4^m$
s −71 40 Var. −71 40

1900 pos. Using "d"

$14^h 59.8^m$

m −71° 36′ t −71 39 40
$14^h 58.9^m$ $14^h 59.9^m$
m′ −71 36 v −71 41
$14^h 59.5^m$ $14^h 59.6^m$
n −71 37 w −71 40
$14^h 59.8^m$ $14^h 59.6^m$
o −71 37 + −71 40
15 0.4 $14^h 59.5^m$
o′ −71 41 y −71 38
15 0.1 $14^h 59.6^m$
p −71 34 z −71 37
$14^h 59.7^m$ $14^h 59.7^m$
q −71 38 α −71 38
$14^h 59.0^m$ $14^h 59.4^m$
r −71 33 β −71 39
$14^h 59.2^m$ $14^h 59.5^m$
s −71 39 40 Var. −71 40

Mean position 1900

$14^h 59.7^m$ 15 0.4

m −71° 36′ t −71 40
$14^h 58.8^m$ $14^h 59.8^m$
m′ −71 36 v −71 41
$14^h 59.4^m$ $14^h 59.5^m$
n −71 37 w −71 40
$14^h 59.7^m$ $14^h 59.5^m$
o −71 37 + −71 40
15 0.3 $14^h 59.4^m$
o′ −71 41 y −71 38
15 0.0 $14^h 59.5^m$
p −71 34 z −71 37
$14^h 59.6^m$ $14^h 59.6^m$
q −71 38 α −71 39
$14^h 58.9^m$ $14^h 59.3^m$
r −71 33 β −71 40
$14^h 59.1^m$ $14^h 59.4^m$
s −71 40 Var. −71 40

continued P. 116

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1918phae.proj..704B

Continued from P. 115

S Apodis — distances from variable of faint comp. stars.

x & y for printer's copy

	Using "a"		Using "c"		Using "d"		Means	
	x″	y″	x″	y″	x″	y″	x″	y″
m	1.42	3.80	1.42	3.80	1.42	3.80	85	228
m′	−2.93	3.97					−176	238
n	−0.08	2.73					−5	164
o	1.50	2.43					90	146
o′	4.34	−1.40					260	−84
p	2.62	5.73					157	344
q	1.10	1.45					66	87
r	−2.63	6.30 ~~6.03~~					−158	378
s	−1.26	−0.03 ~~0.03~~					−76	−2
t	5.00	−0.03 ~~1.23~~					300	−2
u	2.10	−1.23 ~~0.77~~					126	−74
w	0.62	−0.77 ~~0.40~~					37	−43
x	0.24	−0.40 ~~1.65~~					14	−24
y	−0.10	1.65 ~~2.65~~					−6	99
z	0.42	2.65 ~~1.05~~					25	159
α	0.84	1.05 0					50	63
β	−0.33	0.15					−20	9

Agree exactly with those for "a" & "c"

Agree exactly with those for "a"

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1910phae.proj.7048

Friday apr. 11, 1919

S Apodis.

Plate	Est.	Remarks	
am 14391	10.6		✓
am 14392	10.6		✓
am 14386		too nr. edge	✓
am 14361	10.5		✓
am 10959	10.6		✓
am 12946	2s0		✓
am 12968	2s0.		✓

Monday April 14, 1919

Remeasure am 13046 12.4

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1918phae.proj..704B

Tuesday April 15, 1919

11:10 δ Aposdia.

Plate	Est	Remarks	
AM 3605	10.6	i	✓
B 17117	11.2		✓
B 15926	11.2		✓
B 17313	11.0		✓
B 17480	10.6		✓
B 18299	10.6		✓
B 18348	10.6		✓
B 18585	10.6		✓
B 18633	10.6		✓
B 27625	11.3		✓
11:20 AM 2259	10.5		✓
B 32215	10.6		✓

Re-Observation with ledger before me.

✓ B 15926 – Var. is certainly brighter than "k" = 11.4 ∴ Reject estimate 11.55 in Carnegie ledger.

✓ B 27625 – Var. near mag. of "k" = 11.4 might be estimated brighter or fainter but certainly not "l" = 11.7 reject est. 11.76 in Carnegie ledger. ~~All estimates.~~

✓ B 17117 – Var. certainly fainter than "k" = 10.7 ∴ Reject estimate 10.58 in Carnegie ledger.

✓ B 17480 – Estimate 10.98 obviously a mistake – 10.6 confirmed by H.S.Z.

✓ AM 3605 – Var. certainly fainter than "g" = 10.4 ∴ reject est. of 9.89 in Carnegie ledger.

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1918phae.proj..704B

Tuesday April 15, 1919

Lapodis

✓ AM 2259 – Var. certainly fainter than "g" = 10.4 Reject 9.97 in Carnegie ledger.

✓ B 32 215 – Var. certainly fainter than g = 10.4 Reject 9.78 in Carnegie ledger

✓ AM 3533 10.5 Certainly not brighter than g = 10.4 ∴ Reject 9.97 in Carnegie ledger.

✓ AM 3646 10.5 Var certainly fainter than g = 10.4 Reject 9.97 in Carnegie ledger.

Wednesday April 16, 1919

AM 3615 10.6 Var. certainly < g = 10.4 Reject 10.05 in Carnegie ledger

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1918phae.proj..704B

Friday April 18, 1919

2:05 S Aposdis.

	Plate	Exst	Remarks.	
B	20117	10.6 e i		✓
	21333	12.8	e i	✓
	18684	10.6	e	✓
all	34275	10.8		✓
B	27270	12.0	i	✓
plates.	34167	10.7	i e	✓
	15819	11.3	stained	✓
	33627	11.0	i e	✓
	23464	11.6		✓
	14280	11.1	fogged.	✓
	23046	11.6	e i	✓
	23355	11.4		✓
	19680	10.6		✓
	22883	11.9		✓
	19432	10.6		✓
	22550	<11.7	n. e. edge.	✓
	18949	10.6	e i	✓
	22587	12.2		✓
	19287	10.6	e. i	✓
	21884	11.0	e. i	✓
	12950	t. p.		✓
	11890	10.6	p.	✓
	21715	12.1	stained	✓
	11843	10.6	e	✓
	~~A~~ 19190	10.6		✓
	11841	10.6		✓
	27899	11.4		✓
2:35	11782	11.1		✓

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Friday April 18, 1919

S Apodis.

2:35

	Plate	Est.	Remarks.	
B	19056	10.6		✓
	11555	10.6		✓
All	27842	11.6	e i	✓
	18837	10.6		✓
B	21600	12.3		✓
plates	16352	11.2		✓
	27504		Too near edge.	✓
	12914	12.0	e.	✓
	14588	11.2		✓
	27159	12.1		✓
	34402	10.6		✓
	15324	11.7		✓
	20051	10.7		✓
	21129	12.3		✓
	34286	11.1		✓
	21365	12.4		✓
	15644	11.6		✓
	27173		Too near edge	✓
	33528		" " "	✓
	21473	12.4		✓
	13968	11.2		✓
	28081	11.8		✓
	28457	11.6	e i	✓
	18787	10.6		✓
	21804	11.8		✓
	28403	11.6		✓
	20003	10.6	foggy.	✓
	33569		Too near edge	✓

3:05

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Friday April 18, 1919

3:25 S Apodis.

	Date	Est.	Remarks.	
	a 2576	10.6	e	✓
	a 3268	10.6		✓
am	2922	11.0		✓
	2504	11.0		✓
all	2492	10.8		✓
am	2802	10.9		✓
plates.	745	12.4? f		✓
	2474	11.1		✓
	2483		t. p.	✓
	2711	10.6		✓
	27	11.5		✓
	2814	10.7		✓
	2547	10.8		✓
	2555	11.0		✓
	2864	10.9		✓
	775	~~11.7 n. e~~		
		11.8 f 12.5 n. e.		✓
	2777	10.9		✓
	2649	11.2		✓
	2626	11.2		✓
	839	11.5		✓
	937	11.6		✓
	2606	11.3		✓
	2590	11.1		✓
	21	11.1		✓
	815	11.5		✓
	886	11.6		✓

3:40

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1918phae.proj..704B

Friday May 9, 1919

S Apodis.

Re-examination with ledger before me:—

✓ B 16352 — Var. certainly brighter than "k" = 11.4 ∴ Reject obsv. of 11.62 in Carnegie Ledger.

✓ B 20117 — Var. near mag. of "k" = 10.7 certainly not as faint as 11.2 ∴ reject ext. of 11.23 in Carnegie ledger.

✓ B 23532 mag. probably about 11.2 but image poor and at extreme ~~edge~~ edge of plate — plate probably ought to be rejected.

✓ AM 21 — Var. certainly brighter than "k" = 11.4 ∴ reject obsv. of 11.55 in Carnegie ledger.

✓ AM 745 — ~~Est~~ Est. about 12.0 Var. certainly not as bright as 11.8 ∴ Reject ext. of 11.83 in Carnegie ledger.

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1918phae.proj..704B

Friday May 9, 1919

S Ophiuchi.

✓ AM 2606 — Var. certainly fainter than "k" = 10.7 ∴ reject est of 10.58 in Carnegie ledger.

✓ AM 2802 — Var. certainly brighter than "k" = 11.4 ∴ reject mag. 11.55 in Carnegie ledger.

✓ B 34402 — Var. near mag of "k" = 10.7 certainly not as faint as 11.1 ∴ reject est. 11.15 in Carnegie ledger.

✓ AM 2864 — Var. certainly brighter than "k" = 11.4 ∴ reject est. of 11.55 in Carnegie ledger.

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1918phae.proj..704B

Wednesday June 25, 1919

A Apodis.

Plate	Est.	Remarks.	
B25726	< 13.4	n.a.	✓
B25718	< 13.4	n.R.	✓
B25592	< 14.4	n.a.	✓
B25420	t.p.	a.	✓
B25233		t.p.	✓
B25218		t.p.	✓ Damaged in transit.
B25211	~~< 11.7~~	t.p.	✓
aM501	< 11.7	n.a	✓
aM431	< 13.0	n.a	✓
aM454		too near edge	✓
a4508		Spectrum plate	✓

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1918phae.proj..704B

Friday July 11, 1919

δ Apodis.

α 21 11 53 t. p. e

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