

KG

11366

017

XG11366.017

X4 11366.017



11.05

Sc A#3

Large Magellanic Cloud
Sept. 28, 1921

Seq I ¹¹⁵⁸⁶
^{5.1}
 g 2.1
 h 3.0
 k 3.1
 l 3.4
 m 3.7
 n 4.0
 o 4.3
 p 4.7
 q 5.1
 r 5.5
 s 6.0
 t 6.1
 u 6.4
 v 6.5
 w 6.9
 x 7.2
 y 7.7
 z 8.0
 A 8.5
 B 8.9
 C 9.5?
 D 9.7

g h
 4.9 4.95 5.0
 5.3 5.30 5.3
 5.9 5.90 5.9
 6.3 6.40 6.5
 6.7 6.75 6.8
 7.1 7.10 7.1
 7.7 7.70 7.7
 8.3 8.40 8.3 8.5
 8.7 8.75 8.8
 9.3 9.30 9.3

*Primary images look double - bright part measured.

6

Large Magellanic Cloud

Sept 23, 1921

Sc A H₃

Seq I	C ₁ 11715			
	g	B	3.7	3.9
	h	0.9	4.7	4.7
	k	1.1		
	l	1.3		
	m	1.6		
	n	1.9		
	o	2.3		
	p	2.5		
	q	2.9		
	r	3.2		
	s	3.5		
	t	3.7		
	u	3.9		
	v			
	w			
	x			
	y			
	z			

No comparison between images. and
 those of Seale - Images large & fuzzy
 Try Sc A H₃ 5 - p. 7

Large Cloud

Sept 23, 1921

A H 5

A 11715

Seq 1

^{Seq 1}
 g 13
 h 13
 k 0.9
 l 1.1
 m 1.1 ^{1.20} 1.3
 n 1.5
 o 1.8
 p 2.0
 q 2.3
 r 2.9 ^{3.00} 3.1
 s 3.7
 t 4.1
 u 4.5
 v 5.1
 w 5.5 ^{5.60} 5.7
 x 6.1
 y 6.7
 z 7.1
 A 7.3
 B ns
 C ns

3.1 3.20 3.3
 3.7 3.80 3.9
 4.1 4.10 4.1
 4.7 4.70 4.7
 5.3 5.30 5.3
 6.1 6.10 6.1
 6.7
 6.7

A H 5 better but measures unsatisfactory.
 Seq not in center of plate

12-

8

12-50

Large Cloud

Sc 140 A 11715

Sept 24, 1921

Seq II

h	8.1	h	2.1
	18 15		4.9
k	1.4		4.9
			5.1
l	2.0		6.1
			6.1
m	2.0		6.3
			6.5
n	2.0		6.7
			6.9
o	2.3		7.0
			7.9
p	2.9 3.1		7.9
			8.9
q	3.5 3.7		9.0
r	3.8		
s	3.9		
t	4.5 4.3		
u	4.9		
v	4.9		
w	5.3 5.5		
x	5.9		
y	6.5		
z	7.0		
1	7.5 7.3		
2	8.1 8.3		
3	8.9 8.7		
4	9.3 ?		

Diff images very poor - long & hazy -

11 -

AH 3

Lance Island
Sept 24, 1921

Q 11587

Seq III

h	1.3
k	1.8
l	2.1
m	2.2
n	2.3
o	3.0
p	3.5
q	4.0
r	4.3 4.5
s	4.9
t	5.3 5.7
u	6.0
v	6.3
w	6.7
x	7.2
y	7.5
z	8.0 8.1
A	ns
B	ns

5.1	5.1
5.5	5.5
6.1	6.3
6.1	6.3
6.5	6.7
7.1	7.1
8.0	8.1
8.5	8.7
7	

71- diff images from - very hazy.

Large Cloud
Sept 24, 1921

S. A. H. 3

Q 11587

Seq 31

h 1.5

k 1.7

l 2.4

m 3.3

n 3.5

o 3.8

p 4.2

q 4.5

r 5.1

s 5.7

t 3.5

u 6.1

v 6.3 6.5

w 7.5

x 8.3

y 9.1

z 9.5

aa 6.9

ab 9.7 ?

g 5.5

h 5.9

i 6.5

j 7.3

k 7.8

l 8.3

m 8.7

n 9.0^{9.3}

h 5.7

i 6.0

j 6.5

k 6.8

l 8.1

m 8.3

n 8.9

o 7

2-

Large Cloud
Sept 27, 1921

Sc 11719

Seq III

sc 1
h 1.0
k 1.2
l 1.2
m 1.4
n 1.5
o 1.8 1.7
p 2.1
q 2.7 2.9
r 3.5
s 3.8 4.0
t 4.9
u 5.4
v 5.9
w 6.5
x 7.7
y 8.1
z 8.5
α 2.5

g 4.1 h 4.1

+h +h

+h +h

Diff images very poor shape & hazy -
not comp. with scale images

CH 3

Large Cloud
Sept 27, 1921

Seq 31 A 117.19
 5.1
 h 1.2
 k 1.7
 l 1.7
 m 2.3
 n 2.7
 o 2.9
 p 3.5
 q 3.8
 r 4.9 5.1
 s 5.3
 t 6.3
 u 6.7
 v 7.5
 w 8.5
 x 9.1 9.3
 y n.s.
 z n.s.

g 4.9 h 5.0
 5.0 5.0
 t_p t_p

Diff images very poor.

11:40

12,05

a H3

Large Cloud

a H711

Sol

Seq IV

L 1.7 1.5
 k 1.9
 l 2.2
 m 2.3 2.5
 n 3.2
 o 3.5 3.7
 p 4.1 4.3
 q 5.1
 r 6.0
 s 6.3
 t 6.7
 u 7.0
 v 7.1
 w 7.5
 x 8.1
 y 8.7
 z 9.0
 A 9.3
 B 7

g 5.7

h 5.7

6.1

6.3

6.7

6.7

6.9

7.0

w.s

~~7.1~~
~~8.0~~~~7.3~~
~~7.7~~

8.0

7.9

8.3

8.3

7

12,30

14

10:10

Sc A H3

Large Cloud

October 6, 1921

Seq	I	Sec	Curve	magn.
Appears dbl.	h	-		
"	k	-		
	l	3.0		
	m	1.9		
	n	3.3		
	o	3.2		
	p	3.7 3.5		
	q	4.1		
	r	5.1 4.1 ¹	12.4 ⁶	
	s	5.3 4.2 ⁵	12.77	
	t	6.1 3.8 ⁰	13.32	
	u	6.7 3.6 ²	13.74	
	v	7.2 3.4 ⁷	14.09	
	w	7.8 3.22	14.44	
	x	8.3 3.02	14.74	
	y	8.8 2.83	15.05	
	z	9.3 [?] 2.66	(15.38) ^{ny.}	
	A	7		
	B	7		

tp	tp
5.0 4.95	4.9
tp	tp
6.7 6.70	6.7
8.0 8.05	8.1
8.3	tp
8.5 8.60	8.7
9.0	tp
7	

dbl?	A	4.0 3.95	3.9
dbl?	B	5.1 5.10	5.1

Bright images seem to be double.
 Diff images poor - long - & hazy
 Seq not in center of plate

Large Cloud

A H3

October 6, 1921

Seq V		A 11588	Seq	Curve	Magn.			
					+3.42	g		h
h	B					3.3	3.30	3.3
lc	B					3.5	3.50	3.5
l	1.2					4.1	4.1	+p
m	1.4					5.1	5.10	5.1
n	2.1					6.7	6.70	6.7
o	2.3					7.0	7.05	7.1
p	2.7					7.3	7.30	7.3
q	3.3							
r	4.0	3.95 3.9	5.40	12.77	12.70	+7	-23	12.66
s	4.3	5.29	13.01	12.89	12	-04		12.85
t	5.0	5.10 5.2	5.03	13.55	13.44	11	+07	13.40
u	6.0	4.68	14.10	13.92	18	+02		13.88
v	6.3	4.52	14.24	14.16	8	-4		14.12
w	7.0	4.21	14.63	14.54	9			14.50
x	7.3	4.09	14.81	14.78	3			14.74
y	7.8	3.96	15.18	15.12	6			15.08
z	8.5	3.80	15.72	15.63	15			15.59e
x	9.25							
Wn. Went?	B	8.8 8.5						
A	B					3.0	3.00	3.0
B	B					3.9	3.95	4.0
f	ns							
g	ns							

Wrong at
marked for
D?

Diff images poor - unsatisfactory.

11/10

$\frac{115.8}{B35:174}$
 $\frac{115.8}{10.0} = 11.58$
 $\frac{115.8}{9.6} = 12.06$
 $\frac{115.8}{9.3} = 12.45$
 $\frac{115.8}{9.1} = 12.73$
 $\frac{115.8}{8.8} = 13.15$

~~Direct estimates of HV 3435~~
~~January 12, 1922~~

~~I 40529~~	~~I 40528~~	~~I 40530~~
~~1 9.0~~	~~1 9.5~~	~~1~~
~~2 9.1~~	~~2 9.4~~	~~2~~
~~3 9.1~~	~~3 9.5~~	~~3~~
~~4 9.1~~	~~4 9.5~~	~~4~~
~~5 9.1~~	~~5 9.5~~	~~5~~
~~6 9.2~~	~~6 9.3~~	~~6~~
~~7 9.1~~	~~7 9.4~~	~~7~~
~~8 9.1~~	~~8 9.2~~	~~8~~
~~9 9.2~~	~~9 9.2~~	~~9~~
~~10 9.2~~	~~10 9.2~~	~~10~~
~~11 9.2~~	~~11 9.2~~	~~11~~
~~12 9.6~~	~~12 9.1~~	~~12~~
~~13 9.9~~	~~13 9.1~~	~~13~~
	~~14 9.0~~	
	~~15 9.3 9.5~~	

See p. 18

18

$$\left. \begin{array}{l} a = 88 \\ b = 91 \\ c = 93 \\ d = 9.6 \\ e = 10.0 \end{array} \right\} \begin{array}{l} H.S.L. \\ B35:174 \end{array}$$

Direct-estimates of HV 3435

Jan 12, 1922

11.30

Film up
I 40528
v
GMT

Faintest, in
Right-hand invs/

1	9.3
2	9.4
3	9.3
4	9.5
5	9.5
6	9.3
7	9.4
8	9.2
9	9.2
10	9.2
11	9.2
12	9.1
13	9.1
14	9.0
15	9.5

Date

JD.

Film up
I 40529
v

1	9.0
2	9.1
3	9.1
4	9.1
5	9.1
6	9.2
7	9.1
8	9.2
9	9.2
10	9.2
11	9.5
12	9.6
13	9.9

Film up
I 40530
v

13	9.3
12	9.3
11	9.4
10	9.4
9	9.6
8	9.6
7	9.6
6	dbl?
5	9.6
4	9.6
3	9.8
2	9.9
1	10.0

I 40530
v

1	9.9
2	9.8
3	9.8
4	9.5
5	9.5
6	tp
7	9.3
8	9.3
9	9.5
10	9.3
11	9.5
12	9.3
13	9.2

Direct estimates of HV 3435
Jan 12, 1922

7 min up I 40531			* I 40532		I 40533	
8	1	9.5	1	9.6	1	9.5
7	2	9.5	2	9.6	2	9.8
6	3	9.6	3	9.6	3	9.0
5	4	9.6	4	9.6	4	9.1
4	5	9.4	5	9.6	5	9.1
3	6	9.4	6	9.6	6	9.2
2	7	9.3	7	9.6	7	9.3
1	8	9.3	8	9.6	8	9.3
			9	9.6	9	9.5
			10	9.6	10	9.8
			11	9.6	11	9.7
			12	9.6	12	9.8
			13	9.6	13	9.7
			14	9.6	14	9.7
			15	9.3	15	9.2

* Images peculiar shape
seen all over

Direct estimates of HV 3435
Jan 13, 1922

		I 40534
13	1	9.5
12	2	9.2
11	3	9.3
10	4	9.3
9	5	9.3
8	6	9.2
7	7	9.5
6	8	9.4
5	9	9.3
4	10	9.5
3	11	9.3
2	12	9.3
1	13	9.3

		I 40535
	1	10.0
	2	9.3
	3	9.3
	4	9.5
	5	9.5
	6	9.8
	7	9.9
	8	10.0
	9	10.0

hook up

		I 40536
	1	9.8
	2	9.7
	3	9.5
	4	9.5
	5	9.5
	6	9.3
	7	9.3
	8	9.3
	9	9.3

Images from

Direct estimates of HV 3435
Jan 13, 1922

I 40537

14	1	9.4
13	2	9.3
12	3	9.3
11	4	9.3
10	5	9.3
9	6	9.3
8	7	9.1
7	8	9.2
6	9	9.1
5	10	9.1
4	11	9.0
3	12	9.1
2	13	9.1
1	14	9.0

I 40539

13	1	10.0
12	2	9.1
11	3	9.1
10	4	9.1
9	5	9.1
8	6	9.0
7	7	8.9
6	8	8.9
5	9	8.9
4	10	8.8
3	11	8.9
2	12	8.9
1	13	9.3

I 40539 ⁴⁰

1	10.0
2	9.8
3	10.0
4	9.9
5	9.9
6	9.7
7	9.7
8	9.7
9	

Remains. 40539 Jan 23

1	9.3
2	9.0
3	8.9
4	8.9
5	9.1
6	9.1
7	9.3
8	9.3
9	9.5
10	9.5
11	9.6
12	9.6
13	9.8

Direct-estimates of 3435 HV
Jan 13, 1922

<i>Images large difficult-</i>	T 40538	T 40541	T 40542
	1 9.3	1 9.6	14 1 9.8
	2 9.3	2 9.6	13 2 9.8
	3 9.3	3 9.6	12 3 9.9
	4 9.3	4 9.5	11 4 9.9
	5 9.2	5 9.5	10 5 9.9
	6 9.2	6 9.7	9 6 9.8
	7 9.3	7 9.7	8 7 9.7
	8 9.3	8 9.6	7 8 9.7
	9 9.3	9 9.6	6 9 9.7
	10 9.3	10 9.6	5 10 9.5
		11 9.4	4 11 9.4
		12 9.3	3 12 9.3
		13 9.3	2 13 9.3
		14 9.4	1 14 9.3
		15 9.3	
		16 9.1	

Estimates of 3435
 Jan. 16, 1922

I 40543	I 40544	I 40545
1 9.3	~~9 1 10.0~~	11 1 9.8
2 9.3	~~8 2 9.8~~	10 2 9.5
3 9.3	~~7 3 9.7~~	9 3 9.7
4 9.3	~~6 4 9.6~~ See	8 4 9.6
5 9.4	~~5 5 9.5~~ p ₂₄	7 5 9.6
6 9.3	~~4 6 9.5~~	6 6 9.5
7 9.5	~~3 7 9.4~~	5 7 9.6
8 9.5	~~2 8 9.3~~	4 8 9.6
9 9.5	~~1 9 9.4~~	3 9 9.5
10 9.5		2 10 9.6
11 9.6		1 11 9.6

Preceding plates measured - film up
 calling faintest image No. 1. North up -
 right hand image No. 1. (E.S.K. - See pl. 40529)
 Images large & dense - observations uncertain.

I 40544

1 9.3

2 9.1

3 9.1

4 9.1

5 9.3

6 9.5

7 9.6

8 9.5

9 9.9

Images
done
off

10.30

March 4, 1922

Measures of $+66^{\circ} 7' 11''$ $12' 27'' + 66^{\circ} 38'$
 Ident on I 28160. Seq for SU Draconis used.
 (See B9:126)

 $\sqrt{ac}$ 21337g.D. $\sqrt{10.4}$
2062 $\sqrt{ac}$ 2611g.D. $\sqrt{10.4}$
.5907 $\sqrt{ac}$ 258
"Brighter than d"g.D. $\sqrt{10.9}$
4738 $\sqrt{ac}$ 6229g.D. $\sqrt{10.4}$
.6934Im. poor $\sqrt{ac}$ 6292g.D. $\sqrt{11.0}$?
6953 $\sqrt{ac}$ 6105g.D. $\sqrt{10.3}$
6907 $\sqrt{ac}$ 6050g.D. $\sqrt{10.5}$?
6898 $\sqrt{ac}$ 859g.D. $\sqrt{10.4}$
.5160 $\sqrt{ac}$ 850g.D. $\sqrt{10.5}$
5147 $\sqrt{ac}$ 800g.D. $\sqrt{10.4}$
5116 $\sqrt{ac}$ 753g.D. $\sqrt{10.4}$
5091 $\sqrt{ac}$ 726g.D. $\sqrt{10.4}$
5070Im. poor $\sqrt{ac}$ 610g.D. $\sqrt{10.4}$
5008 $\sqrt{ac}$ 558g.D. $\sqrt{10.4}$
4984Screened $\sqrt{ac}$ 14873g.D. $\sqrt{9.9}$
~~10.3~~ $\sqrt{ac}$ 2508g.D. $\sqrt{10.8}$
5868 $\sqrt{ac}$ 319g.D. $\sqrt{10.3}$
4786 $\sqrt{ac}$ 23340g.D. $\sqrt{10.4}$
~~10.7~~
2715Reg. poor $\sqrt{ac}$ 1196g.D. $\sqrt{10.9}$
5417 $\sqrt{ac}$ 6178g.D. $\sqrt{10.4}$
6920 $\sqrt{ac}$ 19595g.D. $\sqrt{10.3}$
.1575 $\sqrt{ac}$ 20051g.D. $\sqrt{10.4}$
1699 $\sqrt{ac}$ 22236 ?

10.5

 $\sqrt{ac}$ 6391g.D. $\sqrt{10.5}$
.6989 $\sqrt{ac}$ 16374g.D. $\sqrt{10.4}$
0595 $\sqrt{ac}$ 16391g.D. $\sqrt{10.4}$
0600 $\sqrt{ac}$ 17323 poor pl.g.D. $\sqrt{10.3}$?
0909 $\sqrt{ac}$ 18759 "g.D. $\sqrt{10.5}$?
1323 $\sqrt{ac}$ 259 "g.D. $\sqrt{10.4}$ $\sqrt{10.7}$ poor
4738 $\sqrt{ac}$ 333g.D. $\sqrt{10.3}$
4801

11 —

meas. of DM + 66° 717 (cont)

mar. 7

✓ ac 6395

gD 10.4
.6990

✓ ac 14925

gD 10.4
.0191~~ac 16639~~~~tp~~

✓ ac 6348

gD 10.4?
.6970

Yellow ✓ ac 16081

10.0

✓ ac 15811

gD 10.5 10.3
.0465

✓ ac 6275

gD 10.4
.6943

✓ ac 14890

gD 10.7?
.0180

✓ ac 5673

gD 10.4
.6820

✓ ac 6328

gD 10.3 10.5
.6964

✓ ac 14880

gD 10.5
.0178~~ac 21544~~
yellow tp

✓ ac 21252

gD 10.3
.2027

✓ ac 16148

gD 10.4
.0549~~ac 20815~~~~10.4~~

Yellow ✓ ac 15079

gD 10.0
.0235~~ac 517~~~~tp~~

✓ ac 19756

gD 10.4
.1626

Yellow ac 15053

~~tp~~~~ac 287~~~~tp~~

✓ ac 19828

gD 10.5
.1640

✓ ac 15012

gD 10.3
.0214~~ac 6170~~~~tp~~

✓ ac 18339

gD 10.4
.1221

✓ ac 14972

gD 10.5
.0205✓ ac 17428⁵²gD 10.5
.0951

✓ ac 18545

gD 10.5
.1271

from ac 14934

gD 10.3
.0200

from ✓ ac 17138

gD 10.8?
.0851

ac 18595

gD 10.4
.1882

D.M +66° 7.7

^vac 18788gD ^{10.5}
.1336ac ~~17676~~
tpac ~~17778~~
tp^vac 18291gD ^{10.4 10.6}
1210yellow ac 15087gD ^{9.9}
.0236^vac 15125gD ^{10.3}
0246^vac 15153gD ^{10.4}
0055ac ~~18190~~
tp^vac 11537gD ^{10.4}
.8757^vac 11565gD ^{10.4}
.8767^vac 11195gD ^{10.2}
.8662^vac 11269gD ^{10.4}
.8680^vac 11313gD ^{10.4}
.8688^vac 11357gD ^{10.4}
.8708

ac 10586

gD ^{10.7}
.8483^vac 10538gD ^{10.7}
.8458^vac 13049gD ^{10.5}
.9493^vac 13075gD ^{10.4}
.9501^vac 13097gD ^{10.4}
.9513^vac 13107gD ^{10.4}
.9518^vac 21064gD ^{10.4}
.1993^vac 21122gD ^{10.3}
.2001^vac 21179gD ^{9.9} Yellow
.2010^vac 19923gD ^{10.8}
.1668ac ~~20850~~
tp^vac 4516gD ^{10.4}
.6490ac ~~4591~~
tp^vac 4654gD ^{10.9 10.7}
.6528^vac 1550gD ^{10.8}
.5553^vac 1341gD ^{10.7}
.5460

$DM + 66^{\circ} 717$

vac 1292

20 ^{10.37}
5441

vac 1137

20 ^{10.4}
5393

ac 20861

~~16~~

Comp star "d" was
not used in measuring
 $+66^{\circ} 717$ as it appears to
be variable.

March 22-1922

29

Measures of δ Orionis ^{5 24 1 - 4 46} (from 1897 to 1905)
 on I, B + A.C. + A.M. Plates. Using numbered
 Seq. for Neb. of Orion. (Btga -) Magns adopted by H.S.L.

I 32223 trace -	1904.10.21	✓ I 19960 tr.	1898. 1, 5
✓ I 26197 10.0	1900.12.9	✓ I 19226 tr.	1897 10, 9
I 19225 tr.	1897.10.9	✓ I 17324 11.2	" 2, 13
r I 31447 10.3 ?	1904.2.9	✓ B 19101 9.8	" 5, 13
✓ I 29200 n.s	1902.8.30	✓ I 24385 12.8 - 13.2 ?	1900 1, 4
✓ B 30817 11.1	" 10, 9	✓ I 24349 12.5	1899 12, 29
✓ I 19335 ft.	1897 10, 22	✓ I 24377 12.7	1900 1, 3
✓ I 19334 ft.	" "	✓ I 24326 12.5	1899 12 26
✓ I 19243 n.s	1897 " 12	✓ I 23661 9.9	" 9, 26

S Orionis (cont)

Mar. 22, 1922

✓ I 23933 Im. poor 10.2?	1899 10, 25 ~~2, 23~~	✓ B 20305 12.5	'97 9, 13
✓ I 22391 On edge 7	" 2, 23	✓ B 20677 12.8?	" 10, 26
✓ I 20133 7	1898 2, 3	✓ I 28123 8.7	'01 12, 21
✓ I 21400 12.1	" 10, 12 ~~24~~	✓ I 27815 8.7	" 10, 19
On edge ✓ I 21485 7	" " 24	✓ B 19983 11.3	'97 8, 7
x I 21589 tp	" " 31	✓ B 18256 near edge - not comp	" 1, 4
✓ I 22159 n.s.	'99 1, 19	✓ B 18341 not comp	" 1, 21
✓ I 22239 n.s.	" " 26	✓ B 18621 8.8	" 3, 12
✓ B 35013 n.s.	1904 10, 3	✓ I 19287 7	" 10, 15
✓ B 28762 8.8	1901 11, 4	✓ Am 2386 7	1903 11, 19

S Orionis (cont)

10 -

Mar 23, 1922

✓ AM 2366 n.s.	1903, 11, 14	AM 2354 n.s.	'03 10, 30
✓ AM 2295 n.s.	" 9, 29	AM 2393 +p	" 12, 9
✓ AM 2176 ⁹ n.s.	" 8, 12	✓ AM 2408 n.s.	" 12, 12
✓ B 28898 8.7	'01 12, 3	✓ AM 2514 Improv 9.0 ?	'04 4, 9
AM 1518 n.s.	'02 8, 22	✓ AM 2957 n.s.	" 8, 17
✓ AM 1609 7 ?	" 10, 6	✓ AM 3031 n.s.	" 9, 10
AM 1629 n.s.	" " 9	" AM 3137 n.s.	" 10 13
AM 1763 ,	" 12, 22	✓ AM 3219 n.s.	" 11, 11
✓ AM 1823 8.9	'03 2, 20	✓ AM 3236 n.s.	" 11, 16
AM 2305 7 ?	'03 10, 8	AM 3261 n.s.	" 12, 5

S Orionis

Mar 23, 1922

AM 3345

n.s

'05 1, 25

AM 346

n.s

'99 12, 5

AM 3834

10.7?

" 8, 25

AM 357

n.s

" " 22

AM 3890

11.5?

" 9, 18

AM 375

tp

'00 2, 26

AM 3919

7

" " 29

AM 3934

11.5?

" 10, 5

AM 673

8.8

" 9, 19

AM 4001

7

" 11, 28

AM 679

8.9

" " 20

AM 191

tp

1899 10, 2

AM 729

10.0?

" 12, 8

AM 208

tp

" " 11

AM 1124

8.8

'01 " 4

AM 238

tp

" " 24

AM 1153

tp

02 2, 28

AM 256

tp

" " 27

AM 1308

W. reg.

" 6, 6

S Orionis

Mar 23, 1922

ac 5351 7	1904 10, 7	ac 3298 n.s	'03 2, 14
ac 5359 tp	" " 13	ac 3386 n.s	" 3, 2
ac 5626 n.s	" 11, 28	v ac 4140 n.s	" 10, 30
ac 5664 n.s	" 12, 4	v ac 4189 n.s	" 11, 9
ac 5782 n.s	" " 29	ac 4230 n.s	" " 19
v ac 2959 11.3 ?	'02 10, 31	v ac 4608 7	'04 2, 5
v ac 3094 10.6	" 12, 23	ac 5268 n.s	" 9, 20
v ac 3137 10.3	'03 1, 1	v ac 1827 10.0 ?	'01 10, 4
ac 3211 Imper 7?	" " 23	v ac 1936 8.8	" 11, 1
ac 3274 tp	" 2, 10	ac 2034 tp	" 12, 1

S Orionis

Mar. 24, 1922

12 —

ac 4512
ms

1903 1, 10

✓ ac 2057
8.9

'01 12, 5

✓ ac 63
7

1898 10, 16

✓ ac 2309
9.8

02 2 10

ac 152
7

1899 1, 11

✓ ac 2390
10.6

" 3, 6

ac 499
11.3?

" 11, 5

✓ ac 2398
10.7?

" " 10

✓ ac 552
11.3?

" " 24

✓ ac 2885
11.3

" 10, 9

ac 1101
10.7

'00 12, 28

✓ ac 2931
11.5

" " 24

✓ ac 1779
10.7

'01 9, 24

✓ ac 2953
11.3

" " 30

ac 1793
tp

" " 26

✓ ac 3225
8.6

'03 1 30

ac 1819
10.5?

" 10, 3

ac 3305
tp

" 2 17

ac 1894
10.0-9.8

" " 21

ac 4094
7

" 10 24

S Orionis

Mar 29, 1922

ac 4434 03, 12, 24
7

✓ ac 4519 04 1, 14
11.5

✓ ac 4721 " 3, 1
10.0?

+
✓ atm 170 99, 9, 27
10.0

✓ atm 315 " 11, 23
7

✓ atm 708 '00 11, 1
8.9?

✓ atm 1106 '01 " 4
8.7

✓ atm 1683 '02 " 7
7

" 1705 " " 24
10.7?

✓ " 1810 03 1 20
9.5?

S Orionis

Mar 29, 1922

Am 3055 '04 9, 19
WSAm 3167 " 10 31
WSAm 3192 " 11, 4
WSAc 5599 " " 25
WSAc 5665 " 12, 4
WS

Sept 17 - 1928
Region - Milky Way.
18 55 - 13°
Provisional Magnitudes.

Plat	Date	No	
4091	~~Oct. 26, 1899~~	~~21~~	~~F1 - F~~
12231	~~Sept 17, 23~~	~~"~~	~~B_n 14.8~~
5712	~~Oct 10, 1901~~	~~"~~	~~F_r 16.2~~
12098	~~July 26, 1922~~	~~"~~	~~F_r 15.9?~~
12160	~~Aug 25, 1922~~	~~"~~	~~B_n 16.3~~
12199	~~Sept 23, 1922~~	~~"~~	~~B_r 14.9~~

5712	20	B _n 14.6 ?
12231	"	F
4091	"	F
12098	"	F
12199	"	F
4086	"	F
12153	"	F
12145	"	NS
12160	"	NS
12196	"	F
2845	22	NS
12084	2	NS
9828	"	NS
10693	"	NS
10747	"	NS
7905	"	NS

Defect?

Sept 18, 1923
Region Milky Way

Plate	Date	No	22
12231		22	Br
4091		"	On edge of film
5712			F
12098			Br
12160			Br
12199			Br
12145			Br

12231		35	16.3 ~~14.8~~
4091		"	On edge
12098		"	16.3
5712		"	Br
12153		"	F
12145		"	F
12160		"	F
4086		"	F
12199		"	F

12231		23	F
4091		Off Plate	
5712		"	Br
12098		"	16.1

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Provisional Magnitudes Milky
Sept. 20

Plate	Date	No	1	2	3	5	6	7	8	9	10	11	12	13
A 4091					Edge	Near Edge	?							
5712					NS									
12098					16.3									
12231					15.4	16.2	16.2							
12145														
12160														
4086														
12196														
9828														

1923

14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35

[illegible]

~~25/11/20~~

