KG
11365
785

KG 11365.785

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KG 11365.785

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Wednesday, May 10, 1905

M

8 05 f Persei
Too low in cloud or fog.

8 08 053531 U Aurigae
h 3 v
v 2 k 10.1
10.08
10.19
10.14

065111 T Monoc.
α' 3 v 11.5
v 4 β 11th
near moon

8 30 125705 RT Virg.
a 6 a' 3 ~~b~~ b 5 c 2 d 6 c' 4 e
e - f too large, about 8 or 9.
f 3 g 6 ~~h 5 k~~ 8.8
h 5 k
~~v~~ v = c 8th
v 2 d

May 10, 1905

P "h" of RT Vir.

g 5 v 12.0
v 5 l

Another star should be selected bet. g & l, but it is rather hazy here now, and I will wait

1401 13 Z Bootis

a 2 d 1 b 1 c 5 e ~~5 f~~
e 5 f 2 g 5 h 1 k
l too indistinct

9.2
c 3 v 9th
v 2 l

May 10, 1905

9 01 123307 R Virg

g 4 v 8.28
v 1 h 8.[illegible]
8.[illegible] 8.2

9 03 154615 R Serpentis

n 3 v 12.50
v = 0 12.38
12.44 12.4

V Bootis 142539

915 α 8 a 4 b 4 c 4 e 3 f 1 d?

α & g marked to different
stars on the ~~three~~ two charts
see which is right.

c 4 v 8.7
v 1 e 8 do

May 10, 1905

9 30 R Coronae 154428

w 4 v
v = 7

12.60
12.63
12.62

(9) (791)
(169)
(23) (299)

L.P.

Thursday, May 11, 1905

805 R V Virg.
Too much cloud

S Urs. Min
Too cloudy

830 Still too cloudy.

1905phae.proj..786O

Saturday, May 13, 1905

J V ng.

8 25 Too cloudy.

Nearly the whole sky covered with thin cloud.

9 05 Still too cloudy to observe

Friday, May 19, 1905

8 30 R Coronae

Too much cloud

9 15 Still too cloudy

Sunday, May 21, 1905

8 08 R Aurigae 050953

8.66
8.52
8.59

e 5 v 8.6

v 3 f

043065 T Cam

15 f 3 v 10.82
10.86
10.84 9.5th

v 1 g

043274 X Camelop

20 v = α 97 9.5th

v 3 α'

055353 Z Aurigae

30 θ 1 v 10.8 10 1/2 th

v 1 η

Difficult on account of compan

May 21, 1905.

8 40 060450 X Aurigae

Jes. 8 J.I.C.

d(1) d 4 v est = 12th

v = E

Difficult. Star & g near var. is extremely faint. I think it is the star d and g, observed above.

45 063558 S Lyncis

e 3 v ~~[illegible]~~ 9th

v 5 g 10.6 9

f 3 e

55 154428 R Coronae

s 3 v 11.40 11.16 11.28 11.3

v 2 t

May 21, 1905.

9 00 Floating clouds in S.E.

9 10 Too many clouds for estimates with any certainty

L.S.P.

(7) (728)

= (169)
(299)

Tuesday May 23, 1905

8 15 133273 T Urs. Min.

$\frac{c\ 1\ v}{v\ 3\ d}$ $\frac{8.5}{}$ 9th

S Aurigae
Too low. e is the faintest
comp. star seen

8 25 061647 ~~S~~ V Aurigae

$\frac{b\ 2\ v}{v\ 2\ c}$ $\frac{9.28 \\ 9.20 \\ 9.24}{}$ 9th

35 072811 T Can Min
Var. not seen & field
too low to identify fnt. stars
h 3 n

May 23, '05

8 45 120905 T Virg

22 n

very poor night for ft. obs.

121418 R Corvi

9 3 n

122803 Y Virg

9 10 m 1 v 10.44 10.2
v 4 m 10.42
10.43

141954 S Bootis

8.69 c 3 v
8.58 v 2 d 8 8.6
8.64

May 23, '05.

9 15 154539 T Coronae

b 4 v 8.86 8.76
v 1 c 8.81 8.9

18 163266 R Draconis

m 3 v 10.46 10.46 10.5
v 1 n 10.46

160210 U Serpentis

9 30 Est. of photog. seq.

a 4 b (fainter)
b ~~4~~ 5 c
c 6 d
d 7 e
e 6 g
g 2 f (f very near a bright star
f 3 h 4 k 4 l 4 n 1 m 40
10 m 3 v
v 10 o selected & marked on chart

May 23, '05.

9 50 165631 RV Herc

d 3 v
v 1 b ~~9.5~~ 10th

RR Herculis 160150

10 00 b 1 a 7 c 3 e 1 d 3 f
4 g = k 3 h 1 l

a 5 v 8.5 ths
v 2 c or 9ths

RU Herculis 160625

10 20 a 5 b 2 c 4 e 2 d 3 f
3 g 4 h

$c^{2.5}$

var. barely seen
≤ 6 v

est = 12 1/2 ≤ marked on small chart

May 23, 05

1030 S S Cygni 213843

0 4 v 12.17
v = p 12.14
12.16

(11) (809)
(3) (172)
(28) (327) L. P. P.

Wednesday May 24, 1905

8 15 Cloudy

8 30 R Coronae 154428

v = s 11.10
v 3 t 11.06
11.08 11.1

It seems perfectly clear now in this region

8 35 R Cygni 193449

s 1 v 11.42
v 5 t 11.28
11.35 11.4

seeing poor

9 00 194632 χ Cygni

11.22

χ 2 v 11.2
v 2 δ

1905phae.proj..786O

May 24, 1905.

9 10 Z Oph. 17 ~~21~~ 14 01

v = k 11.2

Sky too hazy.

9 20 RT Lyrae 18 57 37

α 2 n

Stopped by clouds.

(α) (813)
(1) ~~8~~ (173) L. P. P.
— (327)

Thursday, May 25, 1905

8 15 Cloudy.

8 45 R Comae

v = s 11.10
10.96
11.03

v 4 t

.50 164715 S Herculis

~~l 3 v~~ m 3 v 9.69
9.54
9.62 9.5

~~4~~ v 1 n

Sky too poor for low stars in Virg. & Libra

May 25, 05

9 30 150605 J Librae

k 4 v 120

v 1 l

Seeing very poor. k too faint with such poor seeing

9.50 175~~8~~4 58 T Draconis

v = 9

v 2 k

V V reg.

1000 k 4 v 1322~~4~~02

v = l 9.8 E

Seeing very poor

May 25, 05

1010 SS Cygni 213843

03 v 12.07
p. n. s.

Seeing very poor to-night

(6) (8.9) 173 L.P.P.
~~173~~
327

1905phae.proj..786O

Wednesday, May 31, 1905

8 25 154428 R Coronae

n 1 v 10.76
v 3 s 10.80
10.78 10.8

152714 RU Librae

~~a 1 b~~
b 5 a
a 6 c'
c' 3 c
c 4 d
d 3 f
f = g
g 3 e

Sky too poor to see the fainter stars.

h 3 n

May 31, 1905

8 50 143417 V Librae

c 3 v 10.69 10,5 th
[illegible].03
v 3 d 10.86

150605 Y Librae

a 6 b
b 6 c'
c' 2 c
c 3 d
d 2 e
e 2 f
f 3 g
g 3 h
h 3 k
k 4 l

k 3 v 11,5 th ?
v 2 l Seeing hazy

May 31, 1905

150018 RT Librae

a 4 b
b 5 c
c 5 d
d 4 e
e 6 f
f 4 g
g 3 h
k 1 h
h 4 n

151822 RS Librae

a 3 c
c 3 b
b 4 b'
b 4 ~~c~~ d
d 3 e other stars too faint

e 4 u

May 31, 05

1025 — 190108 R Aquilae

d 3 v   880
8.30

v 2 e   8.55   8.4

30   213843 SS Cygni

0 2 v   ~~1267~~ 1187

p n. s.

(5) (824)
(3) (176)
(33) (360)

Thursday, June 1, 1905

9 15 Miss Leland's new var. 102900

var. invis

& appears much brighter than on chart

R V Virg. 130212

d 2 n

Seeing very poor

9 40 154428 R Coronae

g 4 v   10.7   10.69 / 10.66 / 10.68

v = l

Seeing good

45 003179 Y Cephei

v = x   Both stars very faint

est = 11 or less.

June 1, 1905.

9 50 S Cephei 213678

a 4 v 9.08
8.94

~~8.9~~
v 1 e 9.01 9.0

10 10 203847 V Cygni

04 v 11.28
11.18

v 1 p 11.23 11. 2

161122 R Scorpii

1010

p 2 v 10.66
q n. s.

S Scorpii

p 4 n 10.9

June 1, 1905

10 20 162815 TT Oph.

g 3 v
v 2 h

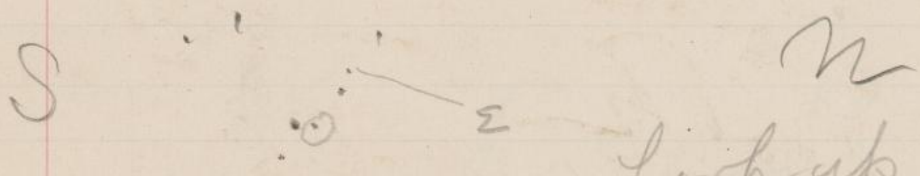
Seeing poor.

25 184134 RY Lyrae

γ 5 v
v = d   γ & δ marked on chart
est = 10/2 th

Seeing good

35 185634 Z Lyrae



Look up pos.

ε 4 v
est = 12 | 2

Star obs. may not be var. It follows pos. on chart

Seeing poor for high stars to-night

June 1, 1905

10 45 SS Cygni 213843

02 v 11.97
v1 f 12.04
12.00 12 th

(9) (833)
(3) (179)
(360)

L. P. P.

Saturday, June 3, 1905
Sky hazy

830 053068 S Camelop.

a 3 v 980 / 10.0 / 9.95 9.5 th -
v 1 e

S Persei, S Gem, & R.S. Gem
too low.

845 (Miss Leland's new var 162900
var, miss
adjacent Durchm faintly seen

50 104814 W Leonis
k 2 v 10½ th?
v 1 l 108

1905phae.proj..78GC

June 3, 1905.

123307 R Virg

v = p

v 4 q $\frac{\begin{matrix}10.21\\10.19\end{matrix}}{10.20}$ 10.2

S Ursa Min. 153378

b 3 a
a 6 c
c 3 d'
d' 7 d
d 3 e
e 3 f
f 2 g
g 2 h
k [illegible] h

10.2

e 3 v
v 1 g

10.2 [illegible]

1905phae.proj..786O

June 3, 1905

9 30 162807 S S Herculis.

m 2 v   12th
v 1 n

m & n marked on chart in pencil

35 165631 R V Herc.

b 3 v   10.0   ~~9.5th~~
v 2 d   10th

J. A. P.'s seq.

R S Herc.

9 40 var. invis. <12

Have no chart of th. stars?

June 3, 1905.

10 00 154615 R Serpentis

e 2 v 9.45
v 2 f 9.84
9.64 9.4

10 15 180666 X Draconis

Star seen may be var, but am not sure

β 4 v 11.2 10.5th
v = f

10 20 W Draconis

α 1 v 10th
v 4 β 10.4

June 3, 1905

1030 181136 W Lyrae

b 4 v 9.3 9.5 th

v 2 c

1040 184243 RW Lyrae

var. invis

E & G seen

11 [illegible] 213843 SS Cygni

0 2 v 11.97

v 1 f 12.04

12.00

45 154428 R Coronae

q 3 v 10.59

10.66

10.62

v = r

(12) (845) L.P.P.

(2) (181)

(8) (368)

Thursday, June 8, 1905

8 20 Twilight too strong for northern stars.

8 35 S Lyncis 063558

L, v 11.3
v 4 k

40 $\underline{130\overset{2}{x}12}$ R V Virg
d 3 $\underline{\underline{n}}$

45 154428 R Coronae

v = 9 10.29
v 4 k 10.26
$\underline{\underline{10.28}}$ (from memory)

R Cancri
too low now

June 8, 1905

9 10 043065 T. Camelop

l 4 v 12.04
12.04
v = m 12.04

08 043274 X Camelop
β ~~3~~ 2 v 14th
v 1 δ
11.0

γ 2 β

12 050953 R Aurigae
a 5 v 8.22
8.06
8.14 hazy in region
v 1 e
~~4~~ 8.1

S Aurigae
Fowler

June 8, 1905

9 25 055353 Z Aurigae

λ 3 v

v 2 θ 10.8 difficult

12th ?

40 060450 X Aurigae

α 3 v

154715 R Librae

50 β 4 v 10.7 10th ?

v 2 δ

10 00 095421 V Leonis

b' 1 v

v 2 c 9.3

b 6 b'

b 3 c

June 8, 1905.

10 00 115919 R Comae

o 3 v   10.87   1.0   10.9
v 1 f   10.77
        10.82

20 150519 T Librae

g 4 n

151520 S Librae

~~g 3 v~~ 1.0   8.   8.73
30 ~~v 4 h~~   8.57
                      8.65

g 1 v   8.6
v 3 h

213843 S S Cygni

c 1 v   8.60   [illegible]
v 3 d   8.30
        8.45

June 8, 1905

1845 151614 S Serpentis

9 [illegible] 11.95
[illegible] 11.76 12.0
11.86

(12) (857) L. P. P.
(3) (184)
(368)

Friday, June 9, 1905 M

8 35 085120 T Cancri

f 4 v 9.8

v = g

hazy, near moon ~~or twilight~~

8 45 090151 V Urs. Maj.

d 2 v

v 3 c

d 5–6 c

Graff's seq.?

122803 Y Virg.

8 50 10.84 10.82 10.83 m 5 v

v = n

very hazy or perhaps a little cloudy

132202 V Virg

55 l 1 v 9.94 9.85 9.90 9.2

v 4 m

June 9, 1905.

9 10 132706 S Virg

t x n 11.9

05 135908 RR Virg

f, n 11.5

154428 R Coronae

9 15 g 2 v 10.49
v 1 n 10.56
10.52

153215 W Librae

20 g 3 n

25 142532 T Canben.

e 1 v 9.5 0.7
v 5 f

June 9, 1905

9 40 163137 W Herculis

m 3 v 11.1
v 2 n

10.96	10.96
10.96	11.16
10.96	11.06

S Herculis 164715

50 k 3 v
v 2 l

9.08
8.95
9.02

W Coronae
too high

10 00 162807 S S Herc.

v = n 12.5

both very faint.

08 165631 R V Herc.

9° e ~~A~~ 4 v j.a. P's sep
v 0 b 8.5th or 9th

June 9, 1905.

1020 162112 T Oph.

d 4 r 8.4
r 1 e 74-II

quite red.

30 161607 W Oph.

f 5 r 10.3 hazy.
r = g

40 171723 RS Herc.

h 5 r 12.3
r = k

k marked on chart

(13)(3) (870)(187) L. P. P.

Wednesday, June 14, 1905

M

Very warm in dome

8 30 154428 R Coronae

p 3 v
v 1 q 10.12 10.19
10.16 very near moon

33 154539 V Coronae

c 3 v 9.18
v 2 d 8.9~~8~~
9.04 red,

35 163266 R Draconis

v = q 8.56
v 3 h 8.76
8.66 8.7

45 180531 T Herc

q 4 u 12.0

June 14, 1905.

9 00 195849 Z Cygni

p 3 v ? 11.86

g not seen

Object taken for var. is barely seen, but probably no object for the Hagen stars near the var.

9.05 S S Cygni 213843

8.50
8.30
8.40

v = e 8.5
v 3 d

213678 S Cephei

d 4 v 9.08
8.94
9.01 9.0
v 1 e

very red

June 14, 1905

9.15 203847 V Cygni

03 v

v 1 p 11.48

11.18

21 133273 T Urs. Min

v = a

v 4 p 10th ?

23 141954 S Bootis

e 1 v 9.22

v 5 ~~p~~ f 9.17

9.20 9.2

9 40 011272 S Cass

v = l ~~10.08~~

~~9.32~~

v 2 k 10.06 l 2-3 k

9.58

9.82

L.P. (10) (A80)

(1) (188)

1905phae.proj..786O

Thursday, June 15, 1905

8 30 R Coronae —
Too near moon

various other stars tried
for but moon too bright
and sky too hazy.

8 50 Sky too poor for estimate

Saturday, June 24, 1905

9 [illegible] 054974 V Camelop

P 3 n

X Urs. Maj. 083350

Too cloudy in region

093178 Y Drac.

f 1 n

123307 R Virg.

p 4 n 10.6

9 40 141954 S Bootis

f 2 v 9.47

v 5 g 9.68 9.58 9.8

June 24, 1905.

9 50 142205 R S Vir

n, h

Think this is n + not the var. Sky very poor.

154428 R Coronae

10 00 l 3 v 8.8 8.90

v 1 m 8.78

8.84

201008 R Delphini

05 m 3 v 10.44 10.4

v 2 m 10.56

10.50

10 170215 R Oph

g 2 4 h? 8.5

g v 3 g h? 8.38

8.28

8.33

1905phae.proj..786O

June 24, 1905

1015 SS Cygni 213843

# 0 2 v 11.97
v1 p. 12.04
12.00

1020 Very poor sky in S. E. and bright searchlight sweeping over this portion of sky. Also fireworks in Bootes.

1025 1517 31 S Coronae

0 3 v 9.98
v1 p 10.16
10.07

(6) (~~ss~~ 6) L. P. P.
(4) (.92)
~~(6)~~

Tuesday, June 27, 1905

8 30 Cloudy.

9 10 162815 T Oph

l 2 h

S Oph

Cloud over upper

Light clouds all over sky

9 30 001755 T Cass

v = h 8.98

9.06 9,0

v 3 h 9.02

9 40 R Coronae

Too cloudy

(1) (88)

(1) (193) L. P. P

1905phae.proj..786O

Wednesday, Sept. 6, 1905

8 30 - Nova Aquilae No. 2
v 3 m   photog. seq
b not on charts
Near Moon & very hazy.

45 222439 S Lacertae
h 25   9.68
v 1 k   9.50
9.59   9.5   ch

9 05 231508 S Pegasi
0 15   10.2 3
v 2 p   10.39
10.30   10.4   ch

15 223841 R Lacertae
r 3 n   < 12.7   (3)(890)
(1)(194)
L. P. P.

Too tired for observing to-night

Friday, Sept. 8, 1905

750 011278 S Cas.

e 2 v 12.48
v 2 s 12.41
12.44 12.5

805 203816 S Delphini

f 1 v 9.5
v 1 g

15

204016 T Delphini

c 3 v 9.32
r 1 d 9.44
9.38

30 203847 V Cygni

q 3 v 12.05
v = r 12.15
12.10

light & difficult

Sept. 8, 1905.

8 40 001046 X Androm.

β 3 v 8.5 9th
v 1 γ

β selected & marked on enlargement

β 4-5 γ.

9 00 003179 Y Cephei

γ 5 v 11.7 12th ;
v 1 α

α selected & marked

hazy.

004435 V Androm

var. invis.

9 20 β seen very clearly.

γ selected & marked

γ 5 R

Sept. 8, 1905.

930 004533 RR Androm.

b 3 v 11.4 11th
v 1 y

35 004958 ~~R~~ W Cass.

c 3 v 9.2 8.5th
v 2 d

d selected & marked

c 5 d

40 013238 RU Androm

< 5 h

50 013338 Y Androm

f 1 v 10.6 11th
v 2 g

1905phae.proj...786O

Sept. 8, 1905,

10 00 014958 X Cass,

d 3 v   9.7   9 th ?
v 1 e

very red,

05 Other var, marked by Mrs. F,

e 4 v   10.2   9.5 th
v 1 f

10 var questioned

e 2 v   10.1   9.5 th
v 2 f

10 30 Nova Aquilae
Too near moon

12 (902)
2 (196)

L. P.

Thursday Sept. 14, 1905

Sky very clear M

7 35 103769 R. Urs. Maj.

r 3 v 11.78 11.92 11.85 11.8

v 1 s

40 141954 S Bootis.

m 3 N <12.3

45 154615 R Serpentis

d 4 v 8.80 ~~9.25~~ 9.02 8.5 th ?

v = e

50 154539 V Coronae

g 3 v 10.65 10.66 10.66

v 2 h

8 00 160150 RR Herculis

c 3 v 8.7 8th

v 4 e

e 4 d

Sept. 14, 1905

810 162807 SS Herc.

l 3 v 11.9 11 th
v 1 m

T Oph.
Low
Too hazy in region

T Herculis

f 2 v 8.30
8.09
8.20 8.3
v 3 f

164715 S Herc.

9.79
9.54 m 4 v
9.66 v 1 n 9.7

171723 RS Herc.

830 a 4 v 7.5 7th
v 2 b

Sept. 14, 1905.

8 40 191017 T Sagittarii

l 5 v 11.8 11.5

v = m

very clear but bright moon

45 191717 T Sagittae

f 1 v 9.1 9th

v 4 g

9 00 193311 RT Aql.

e 3 v 8.5th 9th

v 1 f

Is'nt there a better chart of RT Aq.

Sept. 14, 1905

9 20 192928 TT Cygni.

g 1 v 9.5

v 2 a

g selected & marked

on photo. enlargement

g 3-4 a

25 194604 X Aquilae

0 3 n

30 Nova Aq. No. 2

0 3 n

To near moon

Sept. 14, 1905.

021558 S Persei

9 45 f 1 v 9.17
v 3 g 9.23
9.20 9.2

023133 R Triang.

50 r 2 v 12.04
s not seen

Near moon.

10 00 021143 W Androm.

γ 4 v
v 1 ξ

ξ selected & marked

I do not think the star marked on photo. enlargement is the var. Look up.

~~var. invisible~~ (14) (3) (916) (199) L.P.P.

Sept. 15. Wrong star was marked on photo. enlargement. My comp. star ξ was marked for the var. The var was seen, but faint.

Thursday, Sept. 21, 1905

7 30 Nova Aquilae No. 2.

n 2 v
v 3 o

11.74
11.80
11.77

12 th ?

40 205923 R Vulpec.

v = s
v 3 t

est. 11.4

11.36
11.44
11.40

55 204102 V Aquarii

d 3 v
v 1 e

8.5

8.5 th

213678 S Cephei

8 00

g 3 v
v 2 h

10.14
10.02
10.08

10.0

210224 V Cap.

var. inv.
no seen easily & the Hagen star
−0.8 + 60° from var.

Sept. 21, 1905.

8.15 210221 X Cap.

h 2 v

no faint comp. shown on chart.

215717 U Aquarii

8 20 ~~[illegible]~~

~~v~~

11.01
11.00
11.00

c 5 v ~~12th~~

v 2 d ~~10~~

est = 11

30 230110 R Pegasi

h 4 v 8.85
8.60
v 1 k 8.72

40 220412 T Pegasi

m 2 v 12th

v 1 n

Sept 21, 1905

8 55 221321 X Aquarii

b – 22 – 8.2

v 4 c photog. seq.

8th

8 20 225120 S Aquarii

f 1 n <12.9

10 221722 RT Aquarii

11.5 th

v = x

x uncertain on chart from telesc.

Identification of vars uncertain

look up.

9 30 230759 V Cass.

v = g 10 do

v 3 h 10.8

Is'nt there an enlargement?

Sept. 21, 1905.

233815 R Aquarii

9 40

c 3 v   10.44
10.44
10.44

v 1 p   est 10.4

Hazy.

234716 Z Aquarii

45

c 1 v   9.2   8.5 th

v 2 d

233956 Z Cass

9 50

b 3 v   9 th

v 3 c

c selected & marked

b 5 c

1905phae.proj..786O

Sept. 21, 1905.

235855 Y Cass.

1000 h 4 v 10.6
v 2 l photog. seq.

~~12th~~ 11th

1002 001726 T Androm.

d 3 v 8.70
8.65
8.68
v 1 e est. 8.7

1010 021143 W Andromedae

var. certainly seen.

n 1 v 11.5th

v 3 o

n & o selected & marked

(8)(934)
(2)(201)

μ 4 n

n 3 o

L. P. P.

1012 SS Cygni

e 2 v 9.10
9.09
9.10 9th

v 3 f

Friday, Sept. 22, 1905

7 15 T Can Ven
Too low. All fog.

134440 R Can Ven
7.30 O 4 v 10.4 10.57
v 2 p 10.44
10.50

144918 U Bootis
d 5 v 10.86
.35 v 2 e 10.79
1082

161617 W Oph
40 h 1 N
Uncertain

45 162112 V Oph
β 3 v of the hazy
v 4 a

1905phae.proj..786O

Sept. 22, 1905

8 T & S Oph.

Too low to identify

8 05 174406 R S Oph.

e 1 v
v 2 h

photog. reg.
11.5th

10 163137 W Herc.

g 2 v
v 1 h

9.35
9.39
9.37
9.4

20 170627 RT Herc.

d 1 v
v 4 e

11th
photo. disagreement

30 175458 T Draconis

Est. eq.

b 3 a 5 ~~d~~ d 3 c 5 f 4 ~~g~~
g 2 ~~h~~ 1 e = f b 2 k
h 3 m 1 n 3 k = 0 3 p 3 q

Sept. 22, 1905

T Draconis 175458.

Either this sequence is all awry or my eye tr. night.

T was seen to be double

Estimates therefore difficult

Companion to T Draconis. O 3 v } southern component
v 1 p

I think this is T Draconis. → p 2 v } northerly "
See P.A. XI 423. v 1 q
J.A.P.

Sept. 23, 1905. that is, the fainter comp. on chart seems to be slightly brighter

Sept 22, 1905

9 RZ Herc, 183225.

a 6 c
c 2 b
b 1 α
α 4 d
d 2 e
e 2 g
g 2 h
h 3 k

var invis, the star south of var, which is barely visible in chart is distinctly seen

9 38 RY Lyrae 184134

γ 2 β 1 α = ε' 1 ε 8 η 2 ξ 4 θ

θ 3 δ

no trace of the var
certainly 13 or less

Sept. 22, 1905.

010940

10 05 U Androm

l 4 v 12th

v = m

l + m selected & marked

10 10 213843 SS Cygni

f $\overset{1}{4}$ v

v 2 g

9.49
9.42

9.46

(10) (9.44) L. P. P.
(3) (204)
(31) (399)

Saturday, Sept. 23, 1905

[T] Oph. not identified

7 45 162119 U Herc

11.38
11.50
11.44

s 5 v
v 1 t 11.5

182306 [T] Serpentis

a 7 b 4 c 3 d 2 e 4 ~~f~~ g = ~~g~~

~~g 3 h~~ g 1 f 3 k 1 h 5 l

l 3 m 2 n 3 p 3 q

q 5 r

o is too near a bright star

8 15 r selected & marked

q 4 v 12.5 th

v 1 r

200822 W Cap.

n 1 u

Sept. 23, 1905.

8 30 200906 Z Aquilae

f 3 v
v 1 g 10.7 11 th

8 40 003178 Y Cephei

x 5 y 11.7 12 th
41 x or x′ it is the
star n.f. variable

50 015912 S Arietis

m 4 n

9 00 024356 W Persei

e 3 v
v 2 f 9.2 8.5 th

Sept. 23, 1905

032043 Y Persei

9 10

V δ 2 v 10.5th

v 2 ε

V δ $\overset{5}{4}$ ε

ε selected & marked

032335 R Persei

v, R

043274 X Camelop

9 3U

var. very bright

a 5 v 8.0 7th

v 2 c

c 4 b

Sept. 23, 1905

935 043065 T Camelop

m 2 v 12.24
v = n 12.18
12.21 12 th

053068 S Camelop

940 a 3 v 8.40
v 1 b 8.27
8.34 8.2

45 044619 T Tauri

e 2 v 10.96
v 1 f 11.07
11.02 9.5 th
or 10

50 201520 V Sagittae

l 3 v
v 1 m 12.3 12 th

L. P. P.

10 00 213843 SS Cygni

9.82 g 2 v Have no chart & can
not sure of h

12 | 9.5-6
3 | 207
15 | 414

Monday, Sept. 25, 1905

204104 W Aquarii

730

c 2 v   10th photog. seq.
v 1 b

a 6 a^1 5 a^2 4 ~~b^1~~ 5 ~~b~~ [illegible]
c^1 5 c 3 b 5 d

40 Williams Var 2219 +29
(1885)

h 4 v   ~~10.5th~~
v 1 k   11.5th

810 221733 T Lacertae

α 6 v   drawing.
v 3 γ
This star does not
seem to vary.

Sept. 2~~6~~5, 1905

8 ~~5~~2 0 235053 R R Cass

est. = 12th order

V = Σ

Σ is southerly star in line of 3 of which R R is the northerly

~~Eastern~~ Western circles out

9 00 200812 R U Aquilae

Seen.

π seen clearly & stars a half mag. fainter

π 5' N

15 201130 S X Cygni

No trace of the var

very clear in region

Probably < 13

Sept. 25, 1905

930 202954 ST Cygni

α 3 v
v 2 γ 11th

β too faint

γ marked on copy of J. A. P's chart, there is enlargement ?

950 ~~100~~ 204846 RZ Cygni

v = m photo. enlargement
v 6 n

12th

(6) (962) L. P. V.
(2) (209)
(7) (421)

Thursday, Sept. 28, 1905

715 Nova Aq. No. 2

n ~~4~~ 1 v = 11.64
11.80
v 3 0 11.72

25 RS Aquarii 210504

~~A~~ a' 5 a

a – d too large

d 4 b

b 1 c

c 3 α

α ~~3~~ 4 β

β ~~4~~ 3 g

var. probably seen, very ft., about bet. comp. stars, see drawing on chart

~~Certainly~~ 12^m or less

Sept. 28, 1915

45 171401 Z Oph.

b 2 v 8.5

v 3 c 7.5th

210129 TW Cygni

755 var. not seen

certainly < 11

No chart good enough to show

position of faint ones

800 210812 R Equulei

e 2 v 9th

v 1 f est = 9th

e selected & marked

855 211614 X Pegasi

8.7

a 3 v ~~8.8th~~ 9th

v 1 b

Sept. 28, 1905

8 15 214024 R R Pegasi

b 2 v
v 3 c 11.0 est = 11th

18 c selected & ~~marked~~ added to ~~chart~~ drawing of ft. stars
b 5 c

222439 S Lacertae

.20 b 4 v 8.50 / 8.11 / 8.30 8.5
v 1 c

25 231508 S Pegasi

h 1 v 9.06 / 8.91 / 8.98 9.0
v 8 k

30 001046 X Andromedae

γ 3 v 9th
v 1 δ 8.6

Sept. 28, 1905

8 45 004533 R R Androm.

a 3 v 8.5th
v 1 c

a & c selected & marked
a much fainter star is
already marked b
a 3 c

011712 U Piscium
9 05 var. inv.

k 2 U

k seen very distinctly

16 013338 Y Androm
h 3 v k marked
v 1 k est. 12.5th k5-h

Sept. 28, 1905

9 20   024217 T Arietis

a 4 v $\underline{\underline{8.7}}$ 8 $\underline{th}$

v = d

200812 R U Aquilae

β 4 δ

δ 1 γ

γ 5 φ α 5 ε 2 θ 1 ξ 3 η 4)

χ 3 μ 5 π 4 b

Other stars wfts

a 3 $\underline{\underline{n}}$

9 40   213843 S S Cygni   L.P.

0 2 v

v 1 φ

11.97

$\underline{12.04}$

$\underline{\underline{12.00}}$

(13)   (975)

(3)   (212)

17   (438)

Friday, Sept. 29, 1905

8 05 001726 T' Andrm

d 3 v 8.70
8.65
v 1 e 8.68 clouds shifting

obs. uncertain

8 10 001755 T' Cass

v = 9 12.06 12.1
12.03
v 4 r 12.04 very clear here

8 20 RS Lyrae

β' 2 α' 6 α 2 β 5 5 3 γ 3 ε

ε 1 θ 2 η 3 δ

Rather hazy for pt. stars

η ~~4~~ 3 v
v 1 δ est = 11.5th

Sept. 29, 1905

R V Aq.

Too cloudy in region

8 50 Clouds all over sky.

9 10 Too cloudy to continue

3 (978)

— (212)

9 (447)

L. P. P.

throughout the year

End of fiscal year

Tuesday, Oct. 3, 1905

193609

930 RV Aquilae

β 3 α 6 α' 4 γ 5 δ ε ε = η

η 4 ξ 1 θ

other stars faint.

θ 3 R

10 195308 RS Aq.

Chart very poor but var. thought to be identified correctly?

k 4 v 11.0 11.5 th

v 1 l photog. seq.

1010 200715a S Aquilae

k 3 v 11.0 11.5 th

v 1 l

Oct. 3, 1905

1020 200906 Z Aquilae

g 4 t
v = h : Very slow for the
~~[illegible] is marked~~

g 5 v
v 1 h

10.8

L. P. P.

3 — 3
1 — 1
8 — 8

Wednesday Oct. 4, 1905

8 02 001726 T Androm.

v = d   f.40
f.25
f.32   8.4
v 5 e

Sky cloudy but appears clear in this region.

RR Androm 004533

8 07 a' 2 v
v 3 a''   9.5

a' selected & marked,
look up where a was marked on chart.
this is my a —

Rather hazy

Oct. 4, 1905

8 20 S Persei 021258

f 4 v 9.47
v ≠ g 9.53
9.50

very poor seeing

8 25 023133 R Triang.

f 4 v 11.64
v 1 g 11.54
11.59

8. 30 Sky very poor so will stop

4 7 L.P.
— 1
— 8

1905phae.proj..78G

Thursday, Oct. 5, 1905

7 ~~8~~ 30 R Urs. Maj.
Probably not seen
One star seen in region which is probably r, since
of 3 this star
Sky very hazy here

45 154539 V Coronae
h 5 v   11.36
         11.44
v 1 k   11.40

48 154615 R Serpentis
c 3 v   9.55
v 2 f   9.84
         139
         9.70

50 160158 RR Herc.
c 2 v   c 3 b
v 1 t   7.8 Ht

Oct. 5, 1905.

8 10 171723 R S Herc.

c 3 v
v 4 d ~~8.8~~ 8th

R Sag.
Too near moon.

15 194604 X Aquilae

0 2 n

7
w 191917 T Sagittar

d 4 v ~~9.2~~ 8th
v = e

190941 RU Lyrae

δ 3 v 11th
v 1 ε
δ & ε selected & marked

1905phae.proj..786O

Oct. 5, 1905,

8 45 X Cass 014958

d 3 v 9.7 ~~8~~ 9 th
v 1 e

very red

50 050953 R Aurigae

k 3 v 10.56
10.48
10.52 10.6
v 2 l

9 00 052034 S Aurigae

v = 9 9.34
9.34
9.36 9.3
v 2 h

05 052036 W Aurigae

v = β' 11.5 th
v 5 γ

U Aurigae
too low

Oct. 5, 1905.

9 15 055353 Z Aurigae

ξ 2 v 11.0 10.5 HW ?
v 1 * λ
λ = comp. star

Marked on enlargement

20 061450 X Aurigae

β 3 v
v 1 β' 10.7 11 HW

Star ξ not seen.

36 065355 R Lyncis

g 4 v 9.76
v 1 h 9.64
9.70 9.7

Oct. 5, 1905

9 40 063558 S Lyncis

Var. invisible

Certainly ∠11,5

9 45 061647 V Aurigae

k 3 v 11.65
v 1 l 11.52
11.60 12th

50 042215 W Tauri

f 1 v 9.1 9th
v 2 9

(15) – (22)
(3) – (4)
– (8)

L. P. P.

Friday, Oct. 6, 1905

M

8 05 191619 R Sag.

ε 2 v
v 1 g 10.62
10.76
10.69 10.4

10 RW Sag
d 3 v 10.1 photog. seq.
v 1 ~~a~~ f e 3 d

15 RX Sag. Near moon
f 2 v
v 1 g 11.5

25 S Sag.

α 3 a

I can not compare this object with the seq. of z, as the sky is too bright to carry the impression so far.

1905phae.proj..786O

Oct. 6, 1905.

8 30 191017 T Sag.

n 2 v ? 12.1

Both stars appear to be barely glimpsed at times.

40 204102 V Aquarii

v = d 8.3 8 ite

v 3 e

45 230110 R Pegasi

h 3 v 8.75 8.6
v 2 h 8.50
8.62

48 233815 R Aquarii

p 2 v 10.74 10.7
v 1 q 10.71
10.73

Oct. 6, 1905.

9 10 234716 Z Aquarii

h 4 v $\frac{9.06}{\frac{8.84}{8.95}}$ 9.0

v 1 k

h + k of R. Aquarii seq.

9 35 233956 Z Cass

b 3 v 8.15

v 1 c

40 235855 Y Cass

m v

45 013179 Y Cephei

43 n

not seen

Oct. 6, 1905,

1000 021143 W Androm.

v = 0 est = 12th

1005 024356 W Persei

g 2 v

v 2 h 9.2 9th

032043 Y Persei

1015 δ 4 v 10.5 10.5th

v = ε

(13 – 35) L.P.P.

(2 – 6)

(8)

Tuesday, Oct. 10, 1905

M & hazy

7 05 T Androm 001726

c 3 v $\frac{8.37 \quad 8.30}{8.34}$

v 1 d

15 004533 RR Androm

v = a'' 8th

v 5 a'

7 25 162119 U Herc.

t 1 v 11.70

dd n.s.

R Can. Ven.

Too hazy.

35

204104 W Aquarii

45 d, v very hazy

e not seen

Oct. 10, 1905.

8 05 235350 R Cass

r 2 v
v 2 g

11.56
10.78
11.17

8 15 235053 R R Cass.

δ 5 v
v = ε

12.0

20 010940 U Androm

h 2 U

Several stars tried for but
Moon and haze too strong

(6) (41)
(1) (7) L. P. P.
(—) (8)

Monday, Oct. 16, 1905

7 20 RX Sag.
Sky too cloudy.

RT Aquilae 193811
a - b too faint
b 3 c
c - d too faint
d 3 e   h 3 k
e 2 f   k 4 l
f 3 g
g 6 h
Too much haze for good estimates

h 2 v   10.5
v 1 k

Oct. 16, 1905.

8 07 001726 T Androm

c 2 v   8.27
v 2 d   8.20
         8.24

10 004533 RR Androm

Var. still increasing
a' not bright enough,
d selected & marked,

d 4 v
v 2 a'   8.40   8.0

8 30 192928 TY Cygni

α' 6 ζ
ζ 3 α.
α 3 β
β = γ 6 δ 0 η
other stars bright
ζ 3 v   9.5
v 1 α

Oct. 16, 1905.

191350 T' Z Cygni

908 α 4 b

b 2 e 1 α 3 β 2 e 2 f

e 3 v 10.0

v 1 β

SS Cygni 213843

903 o X 3 v 12.07

p X not seen

(6) (47)
(7)
(19) (27) L. P.

Tuesday, Oct. 17, 1905

Sep. RW Sag.

6 40

a 1 c
c 5 b
b – d or e too great
e 2 d
d 8 f 4 g ~~3~~ 4 h 2 k 3 l

RX Sag.

g 1 v 11.7
v 4 h

R ~~X~~ w Sag 10.5

e 2 v
v 1 d

Sky became cloudy towards very end of obs.

Oct. 17, 1905.

7 20 221321 X Cygni

a 7 a' 5 b ~~[illegible]~~ 8 c 3 d 3 f 2 e
e 5 g 3 h
k & l bright

a' 5 v
v 1 b 8.0 7.8 th

25 Williams' Star
Too high now

170627 RT Herc.

30 α 2 v 11.0 10.5 th
v 1 β

33 171401 Z Ophi

b 3 v
v 1 c 8.6

Oct. 17, 1905

8 02 202622 RU Cap

β 3 v 11.7   11.5th?

Sky too poor to compare with more distant stars.

Haze too thick for southern stars

8 21 012502 R Piscium

z 1 v   11.52
v 2 s   11.63
         11.58

After obs. cloud seen to be over region

Moon

024217 T Arietis

b 2 v 8.5 var. quite red
v 1 c

Oct. 17, 1905

8 40 043274 X Camelop.

v = α'

v 3 α 9.4 est = ~~8~~ 9th

213678 S Cephei

45

g 4 v 10.24
10.22

v = h 10.23 10.2

215717 U Aquarii

9.00 ~~v~~ d 1 v 11.30
11.36

v 6 e 11.33

(11) (58)
(7)
(16) (43)

L. P.

Monday, Oct. 23, 1905

7 40 175519 RY Herc.

c 3 v c+d on photo enlarg.

v 1 d 11.0 est = 10.5th

43 180531, T Herc.

m 5 v 9.94

9.72

v 1 n 9.83

50 183308 X Oph.

a 6 v 8.0 8th

v 2 b

8 00 190941 RU Lyrae

ε 2 v 11.3 ε selected & marked,

v 1 γ

est = 11th

Oct. 23, 1905

8
~~9~~ 08 191717 T Sagittae. 8

d 3 v 9.3
v 1 e 8.5 th

8
~~9~~ 10 195308 RS Aq.

Not seen. Several f.t. points glimpsed near region but too f.t. to estimate or be sure of place

l, N

8
~~9~~ 20 001726 T Androm

c 3 v 8.37 ~~8.30~~ ~~8.3x~~
v 1 d

021809 S Ceti

51 <12.5

24 N

Oct. 23, 1905

8
9 40 014958 X Cass.

b 5 v 9.3
v 1 d est = 9 th

d = c very red

45 015254 U Persei

d 1 v 9.07 9 th
v 5 e 9.00
9.04

50 021024 R Arietis

12.42 d 1 v 12.4
12.37 v 5 a
12.40

023133 R Trianguli

9 0 m 2 v 10.8 10.78
v 2 m 10.76
10.77

05 031401 X Ceti

9.2

c 4 v
v = d

Oct. 23, 1905

9 07 153378 S Urs Min.

8.0 b 3 v

v 1 a photog, eye

12 043065 T Camelop.

~~R~~ e 3 v 10.36

v 2 f 10.32

10.34

quite red,

15 052034 S Aurigae

v = g 9.34

v 2 h 9.38

9.36

25 052036 W Aurigae

~~R~~ β' 3 v 11.8 11th

v 2 g

30 053068 S Camelop.

b 1 v 8.47

v 3 b' 8.38

8.4 8th

v 6 c

Oct. 23, 1905

7 45 — 054920 U Orionis

p 5 v   10.16
v 3 k   10.26
10.21

48 — 213843 SS Cygni

v = 0   12th   11.77
v 3 p   11.84
11.80

v seems slightly brighter than usual, and may be beginning to rise

(18) (76) L. P. P.
(2) (9)
(7) (43)

Thursday, Oct. 26, 1905

6 38 134440. R Canum Ven.

g 3 v 11.48
11.59
11.54
v 1 2 low.

35 142539 V Bootis

α 1 v 7.2

v certainly a mag. brighter
than α. Interval too large
55 to estimate

154539. V Coronae

b 1 v 11.77
11.57
v 4 m 11.67

.35

U Bootis & R Serpentis
Too low.

7 10 160118 R Herc.

p 3 v 11.68
11.68
v 2 q 11.68

Oct. 26, 1905

7 05 161150 RR Herc.

c 2 v
v 1 b est = 8th
8.5

~~f~~ c 4 b

10 163266 R Draconis

v = p 11.59
v 4 q 11.61
11.60 11.6

204405 T Aquarii

12 q 1 v 7.93
v 1 b 7.94
7.94 7.9

203905 Y Aquarii

a 4 b 3 d 1 c 6 e 3 f 3 g

30 g 2 h 5 k

v = e 9.5 9 th

v 4 f

Oct. 26, 1915

2X0913 RR Aquarii

Brighter stars hard to estimate

a 8 b 1 c 5 d 7 e

e - f too faint

f 3 g 3 h ~~x~~ 3 k 5 o 1 m 2 n

l 4 n 3 p 2 q

p + q rather fnt.

7 55 v = f 97

v 4 g

2X11121 RT Cap.

Intervals larger bet. all the bright stars

a'' 8 b'

a 3 b 4 c ~~x~~ 6 d 4 f 4 e

a'' 4 v 5 b'

Oct. 26, 1905.

~~This;~~ RT Cas.

Seq. as far as e is probably all ~~that~~ will be needed, as the star does not ~~vary~~ become very faint, if I remember correctly

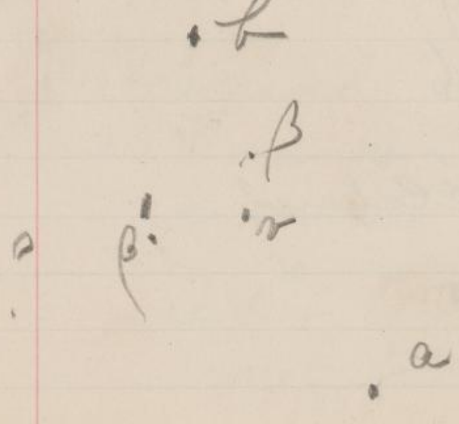
815 213843 SS Cygni

d 3 v   8.90
v 1 e   8.80
         8.85

194048 RT Cygni

b 3 d 1 c 1 a ~~g~~ f 1 e ——— 3 h

h 5 β ~~β~~ 3 k 5 β'   g rejected being double



Fainter β called β'
See drawing

v 2 b

This var. gets much brighter than b, and shd a good seq selected some time aft.

9.0

Oct. 26, 1905.

9 10 015912 S Arietis

g 1 v
v 5 h 11.66
11.84
11.75

9 20 213753 RU Cygni

b 3 a 1 c 5 e 1 d 4 f 5 h
5 l.
Can not identify g + k.

b 3 v 7.8th red 8.0
v 2 c

14 90
 9
4^3 86

L.P.

Ests. posted & ledgered.

Thursday, Nov. 2, 1905

7 00 200906 Z Aquilae

a 4 b
b 7 c
c ~~4~~ 3 d
d 3 e

Too near moon for estimate to be of much use

204104 W Aquarii
a 3 a' 4 a² 3 c' ~~3~~ 5 c ~~4~~ 3 b 7 d
d 4 e

7 20 Object seen at pos. of var. as far as could be determine from this chart.

d ~~5~~ 4 v 10.0 if correctly identi
v 1 e

Nov. 2, 1905

V Aquarii 204102

7 45 a 4 b — c too large
c 5 d 3 e 4 f 3 h 3 k 2 g 2 l

e 1 v
v 4 f 8.6 // very red.

233815 R Aquarii

p 1 v 3 g $\frac{10.64 \quad 10.51}{10.58}$ 10.6

234716 Z Aquar

var. very bright.
As comp ~~and~~ with R Aq. seq.
v = f
v 4 g $\frac{8.07 \quad 7.95}{8.01}$ //

Z Aquarii seq.
a 4 v

1905phae.proj..786O

Nov. 12, 1905

7 55 Z Aquarii seq.

a – b too large

b 4 e 1 d

e too near the bright one

Why not use seq. of R

when this star is bright.

X Cygni

8 05 u 1 v 9.11 / 8.98 / 9.04 9.0

v 3 w

15 202954 ST Cygni

k 3 v 10.0

v 1 l ~~9.5 ct~~

10 ct

18 203816 S Delphini

h 2 v 10.4

v 3 k

1905phae.proj..786O

Nov. 2, 1905.

8 30 202817 Z Delphini

var. min.

η & y both seen

40 204016 U Delphini

k 5 v

v 1 l

11.40
11.50
11.45

.45 021143 W Androm

01 n

50 021558 S Persei

f 1 v

v 2 g

9.17
9.33
9.25

9 00 022813 U Ceti Red. ip

n 4 v

v = l

11.95
12.06
12.00

(11) – (10)
(11)
(2) – (9) – (10.5)

Est. ledg. & post.

Saturday, Nov. 4, 1905

8 15 001726 T Androm

c 3 v 8.37
v 1 d 8.30
8.34

Check c & d, Obs. from memory.

20 024356 W Persei

g 3 v 9.3
v 2 h

30 032043 Y Persei

[illegible] ~~est = 11th~~

ξ 5 v
~~v 2 ξ~~

ξ & η selected & marked on enlargement

est = 11.5th

ξ 3 v 11.5
v 2 η

1905phae.proj..786O

Nov. 4, 1905

R Tauri
Too bright for (Hagen than
where is other chart?

042215 W Tauri

9 00 d 2 v 8.8
v 4 f
e not found

041619 T Tauri

.05 f 2 v 11.37
g not seen

15 044617 V Tauri
d 5 v 9.72
9.42
~~11.4~~
~~9.07~~
v = e

20 050953 R Aurigae

n 5 v 11.98
11.93
11.96
v = 0

Nov. 4, 1905.

222439 δ Lacertae

9 30

C 1 v 8.31

v 2 d 8.27

8.29

35 — 230110 R Pegasi

9.44

m 1 v 9.24

v 4 n 9.34

(9) (10) r ρ L.

— (11)

(105)

Wed. Nov. 8, 1905

Moon bright & some clouds

8 40 RR Andromedae 004533

a' 1 v
v 3 a"
8.4

Not yet decreasing any.

45 221321 X Aquarii

b 2 v,
v 1 b'
8.3

b–c photographic not great.
b' inserted some time ago &
marked on old chart
I see that b' is also marked
on enlargements

213678 S Cephei

57 g 5 v
v 2 h
10.3 4/2
10.2 2
10.28

Nov 8, 1905.

8 00 231508 S Pegasi

d 3 v 8.11
7.78
v 4 l 15.89
7.94

10 210812 R Equulei

e 3 v 9.0 8th
v 2 k

Sky thick

obs. not very good

15 001726 T Androm

e 3 v 8.37
8.30
v 1 d 8.34

30 001046 X Androm

v = ε 9.8
v 5 ζ

7 (117) L 100.
(11)
(105)

Friday, Nov. 10, 1905

8 00 Moon very bright & some clouds

8 30 191350 TZ Cygni

α 3 v
v 4 γ 10.0

Cloud very near.

Clouds forming over whole sky.

Too much moon & cloud for observing. L.P.

1 118
– 11
105

Saturday, Nov. 11, 1905

M

9 15 192928 TY Cygni

f 8 v
v 2 d

10.5th ?

Hazy.

20 201715a S Aquilae

Not seen.
Quite a bright object near position is assumed to be h. This star is much brighter than g.

h 6 g.

9 40 Several objects tried but all too faint or near moon.

1 119
1 12
1 106
1

L.P.

Tuesday, Nov. 14, 1905

6 45 V Cass. 231759

a 5 b — e too large

c 2 d 3 e 3 f 2 g 3 h ~~4~~2 h'

h' 5 k 2 l 3 m

region too high for familiar stars

d 1 v   8th   9.1

v 3 e

233956 Z Cass.

55 very little sep. selected

a 8 b 6 c 5 δ

c 5 v   10.5th

v 1 δ   9.5

235350 R Cass. moon well up

7 05 seeing too poor to separate

of var.

Nov. 14, 1905.

7 10 201715a S Aquilae

Omit e = RW Aquilae

a 6 c 2 d 1 b 6 f 3 h 3 g

g $\overset{2}{3}$ k 3 l 5 m

h is always 7 g

l 4 v 11.4 11.5 th

v 1 m

7 30 Seeing too poor for more comp. star estimates

001726 T Androm

40 ~~Ch~~ d 1 v 8.50

v 4 e 8.35

8.42

Ledgered

plotted

posted

RR Androm 004533

45 a' 2 v 8.5

v 3 a''

5 – 12 4

– – 12

22 – 128

Friday, Nov. 17, 1905

5 50 RW + RX Sag,
Cloud over again.

π¹ Z Cygni
a 4 b 3 c 1 α 7 $\overset{2}{\beta}$
β 4 e 2 d 3 γ
'' γ 2 f 1 h - k 2 g 1 l

α 2 v 10.0
v 1 β

6 15 Clouds
π¹ Y Cygni
α' 7 z 2 α 3 β 3 γ ~~δ 2 η~~ 6
11.2
~~γ 2 η 2 δ~~

3 v γ 5 δ 2 η 2 θ
γ 4 v
v 2 δ

Nov. 17, 1905

6 50 RT Aquilae

a – b to large

b 3 c 7 d 3 e ~~1~~ 2 f 3 g

clouds formed over whole sky.

7 30 Too cloudy to do anything

(2) – (126) L. P.

( ) – (12)

(23) – (51)

Saturday, Nov. 18, 1905

8 05 017208 S Piscium

d 1 v 9.67
v 3 e 10.01
9.84

20 015912 S Arietis

f 5 v 11.56
v [illegible] g 11.46
11.51 11.6

25 ~~20~~ 031401 X Ceti

e' 1 v 9.5
v 4 e 10th

30 ~~25~~ 012502 R Piscium

t 3 v 12.36
v = u 12.30
12.33

023133 R Trianguli

8 35 h 1 v 9.60
v 4 k 9.40
9.50

Nov. 18, 1905.

024217 T Arietis

8 40 ~~a~~ b 3 v
a 2 c   8.5

015254 U Persei

9 25 d 4 v   9.37
v 1 e   9.60
9.38

205030 UX Cygni

20 α 6 γ 3 β 1 β′ 8 γ 4 η 3 ζ 2 δ
δ 3 ε η θ 4 μ   T not seen

θ 2 v   11.8
v 3 μ

Z Cass.

9 $\overset{3}{4}$0 a 7 b 5 c – d too large
d 1 e 3 f 2 ζ 1 g 2 m 2 h
h 1 k 3 ~~2~~ η

Nov. 18, 1905

9 35 Z Cass.

v = d 9.2

v 3 e

9 45 001726 T Androm.

d, v 8.50
8.45
8.42

v 3 e

R Androm. 004533.

43 a' 3 v

v 1 a''

50 SS Cygni 21~~43~~ 38 43

0 2 v 11.97
12.04
12.00

v 1 p

12 — 138
— 12
17 — 168

Monday, Nov. 20, 1905

154539 V Coronae

5 20

h 4 v 11.26
v 4 k 11.14
11.20

25 001726 T Androm

b 3 v 8.95
v 1 f 8.98
8.96

55 014958 X Cass.

b 4 v 9.2 9.5th ?
v 1 c
v d t difficult to est.

RW Sag. & RX Sag

~~f~~ c 3 a 3 b – d too large about 1m

5 45 d 2 e 5 f 4 g 5 h

other stars too faint &
~~these~~ seen in very hazy sky
so somewhat uncertain

Nov. 29, 1905.

5 48 R W Sag.

v = d

v 3 c

R X Sag.

50 Invis.

191019 R Sag

6 05 var. m barely glimpsed at times or thought to be.

~~t 4 v~~

11.56
11.52
11.54

~~v 4 m~~

Uncertain, sky poor

S. Sag.

Invis.

6 10 m seen

Nov. 20, 1905

X Aquilae 19406.04

a too bright to compare w. any

d 7 e 2 c 2 b 3 f 3 h i k

k 2 g 7 l 2 m 3 n 3 o

6 20 g 2 v 10.5
v 6 l

8 10 TT Sagittae 191717

a 7 b 2 d 4 c 2 e 3 f 3 g = h

h 5 k

Am not quite sure of k

d 3 v 9.5

v 2 e

1905phae.proj..786O

Nov. 20, 1905.

8 30 221722 R Aquarii

b 3 a 6 c ~~4~~ 2 d 1 e 3 f

f 5 g 1 h 4 k

Rather uncertain estimates as field is low.

h 1 v

v 3 k

11.0

35 225120 S Aquarii

g 5 v

v = h

9.03

8.57

8.80

45 215717 U Aquarii

d 3 v

v 5 e

11.50

11.46

11.48

Nov. 20, 1905.

8 50 220412 T Pegasi

c 1 v 8th 8.5

v 4 d

9.15 210913 RR Cygni

l 4 ~~n~~ 12.5

v = m

On limit of ins.

235350 R Cas.

25 Can not separate from r

043065 T ~~Draconis~~ Camelop.

9 35 C 1 v 8th

v 4 d

9.11
9.16
9.14

Nov. 20, 1905

9 45 052036 W Aurigae

v = b'

v 4 [illegible] f

11.0

14 — 152

2 — 14

32 — 200

L. P. P.

Tuesday, Nov. 21, 1905

7 15 170627 RT Herc.;
Most too low for good estimates. Try earlier to-morrow.

201520 V Sagittae

30 l 3 v very faint, about
v 1 m 12½th

Always faint and almost too difficult for this glass

X Pegasi 211614

a″ 5 a 2 b 6 a′ 2 b′ 2 α 3 c

c = g 2 f 3 d 4 e 4 δ

δ 3 k others too faint

8 10 e 3 v 11.5th 11.5
v 1 5

Nov. 21, 1905.

8 20 R Tauri

u 3 v 10.18 / 10.06

v 2 0 10.12

8 30 043274 X Camelop.

γ selected & marked.

γ 4 v 10.0

v 1 ζ

ε 1 δ 5 γ . 4 ζ

33 052034 S Aurigae

v = 9 9.54 / 9.38

v 2 h 9.46

35 053068 S Cam

~~a 4 v~~ a 4 v 8.50 / 8.27

~~v 1 b~~ v 1 b 8.38

Nov. 21, 1905.

054615 Z Tauri

a 8 b 3 c 2 e 2 d 4 e' 3 f 3 g

g 4 l 2 h 2 k 2 m

l 3 v (x not seen)

850 v 1 k 12.0 12 th

Think this is the var and not x.

235715 W Ceti

a'' - a'' too great

a' 5 a $\overset{4}{6}$ b 4 ~~e 5 d~~

~~d 4 e~~ f 5 f' 3 c 3 d 4

e 4 f - g rather large

fully 8, g 3 h 3 k

others brighter

Nov. 21, 1905

213753 RU Cygni

945 c 5 b 4 a 4 d 3 e 5 f

f 3 k 3 l 2 g

b 5 v

v = a

8.2

(8) (160) L.P.P.

1.4

43 243

Thursday, Nov. 23, 1905

6 35 170627 R T Herc.

α' 1 c 3 a 4 b 3 b'

Too hazy for fainter stars and these estimates are uncertain

Var. seen indistinctly

c 5 v ~~[illegible]~~ 10.2 uncertain

Fainter comp. stars not seen

180122 R W Herc

7 10 a 7 b 5 c 5 d ~~7~~ 5 e 6 f

f 1 g Others too faint

Var. is miss

Existence of this star is very doubtful

Nov. 23, 1905.

7 15 210516 Z Cap.

γ 5 α 3 β – δ too large
δ 2 ζ 1 ε 3 δ' 2 ζ
~~δ 2 ε 5 δ'~~

var. invis.

7 20 021258 S Persei

f 4 v 9.47
v 1 g 9.43 9.45 9.5

35 175654 V Draconis

d 3 v 10.5 too
v 2 f 10.5
f 4 e

Nov. 23, 1905.

203816 S Delphini

745

05v 11.5
v2g

Do not see p.

204102 V Aquarii

755 e4v 8.9
v1f

810 215934 RT Pegasi
9.5 th

a3v
9.5 v1d difficult
on account of companion

234425 W Pegasi

820 10.0 f1v 10 th
v1h

Nov. 23, 1905.

8 35 213843 SS Cygni

a 3 v 8.90
v 1 h 8.80
8.85

40 233815 R Aquarii

n 15 v 9.91
v 30 9.84
9.88

8 45 234715 Z Aquarii

var. bright. It is much better to use seq. of R Aq. when Z is bright.

f 4 v 8.47
v 1 g 8.25
8.36

f + g comp. stars for R Aquarii

9 15 IT Cephei reddish

k 2 v 8.98
v 3 h ~~8.88~~
8.93

11 – 17
2 – 16
16
29

Saturday Nov. 25, 1905

5 30 RS Herc. 171723

a 7 b 3 c
c - d rather large, certainly 8,
d 2 e 5 g' 3 f 2 h 3 g 5 k
k, l

12.5

k 1 v
v 1 l

Uncertain for fainter stars

Cov. k, v + l barely seen

175519 RY Herc.

b - a too great
a 5 a' 1 a'' 3 α' 3 β 2 b'
b' 5 c 2 d 1 e 3 f 5 k
h not seen
var. invisible

Nov. 25, 1905.

195202 R R Aquilae

615 a – b too large

b ~~4~~ 3 d 6 e 3 f 2 e

Fainter stars not seen

var. not seen

Hazy in this region

175654 V Draco

635 δ 5 ε 4 a 3 η 3 b

b 4 d 3 e 3 b′ 3 e 1 f

f 5 α 1 g 3 h 4 k 4 j

b 4 v 10.0

v = d

213843 S S Cygni

645 d 5 v 9.10

8.90

9.00

v = e

Nov. 25, 1905.

6 50 001726 T Androm

f 1 v   9.18

Am not sure of g.
Harvard chart.

004533 RR Androm.

7 05 a'' 3 v   9th?   9.0
v 3 a
a little fainter.

V Delphini 204318

7 20 a 4 d 1 e 2 b 3 c 1 3 c^2
c^2 3 e 6 x 1 h 2 f 2 k
k 3 g
var invisible

Nov. 25, 1905.

215605 V Pegasi

a 3 b 6 c 6 d 5 d' 3 e

e 2 f 3 g 2 k 2 h 1 l

l 5 m

others not seen

730 var. min.

35 222439 S Lacertae

g 2 v 9.18

v 3 k 9.18 9.2

9.18

RU Lyrae ~~1904~~ 190941

α 5 ~~β~~ β 2 γ 3 β' 6 γ 2 2

var. min.

Nov. 25, 1905

190925 S Lyrae

d 2 a' (d quite red)

a' 4 b 3 a 2 c — e or f too faint

810 f 3 g 3 h 4 e 1 k 1 0 2 m

m 3 n

others too faint

vari mini

6 — 177
6 — 22
74 — 333

Monday, Nov. 27, 1905

5 25 163137 W Herc

var. not seen

n or g seen ∠13.4

35 162119 U Herc.

t 4 n ∠12.0

40 161150 RR Herc

a 5 ~~b~~ 8.6

v 2 ~~[illegible]~~ b

quite red

RW Cygni 202539

805 b 4 a 4 e 3 d 4 e 5 f

f 3 g 5 h 7.8 ~~8.8~~ at v red

b 2 v

v 3 a

Nov. 27, 1905

204846 RZ Cygni

815 a - b rather large, perhaps 7 or 8

b 6 c 1 d 2 e 2 β 2 α

α 4 f ~~7~~ 3 h 1 g 4 l 1 k

k 5 m   others not seen

var ~~was~~ barely seen after long looking

m 4 v   12.0

210812 R Eq

a 1 b 8 c 2 f = e 2 g

g 3 ~~k~~ 2 h 3 α 1 l' 6 ~~4~~ k

830 l 2 ε 5 m 2 n

4 1 v
v 2 l

11.0

Nov 27, 1905

8 50 213843 SS Cygni

d 1 v 8.70
8.50
8.60

v 4 e

9 05 214024 RR Pegasi

β 6 γ 2 α 3 δ 2 η 3 ε 2 d

d 3 λ ~~4~~ 2 e = a 2 b 2 e

c 3 h

var. invis.

9 30 215934 RT Pegasi

~~a'~~ a' 5 b 3 a 4 c 3 ~~d~~

d 1 α 2 e 10.0 Too hazy for faint stars

d 1 v

v 1 e

Nov 27, 1905

9.45 R Tauri 042209

M3V 9.98
9.78
9.88

v1n

Seeing poor.

7 - 184
3 - 25
51 - 384

L.C.P.

Friday, Dec. 1, 1905

7 08 213843 SS Cygni

d 5 v 9.10
v = l 8.90
9.00

190529 V Lyrae

α 1 δ 3 β 4 γ 6 ε 3 ζ 4 η 3 θ

7 20 two θs in chart. The one I estimate is bet. η & var.

γ 4 v
v 3 ε 10.5th 11.0

Seeing very hazy in this region

In turning dome to east it stuck probably due to cannon balls being displaced — Please have it fixed.

Dec. 1, 1905.

014958 X Cass.

a 2 b 3 e 2 d 1 e

e – f rather large, about 8,

f 2 β 3 α

β' not seen

Is β one of Mrs. F's suspected in this region?

8 50 e 5 v 9.9

v 3 f

.05 024356 W Persei

g 1 v 1.0th? 9.5

v 5 h

042209 R Tauri

10 n 3 v 10.18

10.16

10.17 Certainly fading

v 10

Dec 1, 1905

π¹ Orionis
Seeing too poor

U Aurigae
very faint. Certainly < n.
830 Can not estimate

840 Dome stuck again so
will give up.

5 - 189
— - 25
13 - 397

L. P.
to here

Tuesday, Dec. 5, 1905

M.

5 40 001726. T Androm.

f 3 v
v = g

9.38
9.29
9.34

011208 S Pisciu

44 e 1 v
v 2 f

10.41
10.28
10.34

55 015912 S Arietis

very difficult, near moon.
certainly seen but. g + h.
h is rather too faint to est.
12.06 g 5 v must be near the truth

RR Androm 004533

6 00 d 5 a' 4 a'' 4 e 3 α' 2 β γ 3 a
a 3 b 5 α
2.9
c 3 v 1 α'

Dec. 5, 1905.

6 20 213843 SS Cygni

f 2 v
v 1 g

9.59
9.52
9.56

203908 f Aquarii

a 4 b 3 c = d 7 e 3 ~~ff~~ f

6 40 f 2 g 2 h

Others too ft

e 1 v
v 7 f

9.8

RR Cap

Too low now. Unduly bright

Clouds seen

Dec. 5, 1905.

Z Aquarii 234716

7 or ~~A~~ a-b too great.

b 3 c 2 d

Too near moon for ft. stars.

Z Aquar. is brighter than b.

There are no stars any nearer than the R Aquar. seq.

To compare with when Z is bright. As several are needed between photog. a & b, why not use the R seq.

g u v
v = h

seq. of R.

8.75
8.66
8.70

Dec 5, 1905

7 30 053531 U Aurigae

m 2 v 11.17
11.14
v 1 n 11.16 11.2

25 061647 V Aurigae

l 1 v 11.74
11.84
v H n 11.79

m to far away

L. P.

9 - 198
 - 25
18 - 4/15

Wednesday Dec. 13, 1905

5 20 . 164715 S Herc.

Too low for obs. now

30 205923 R Vulpec.

ε 3 v   11.16

v 1 s   11.26

11.21

40 202817 Z Delphini

α 5 β 3 γ 2 δ 5 ε 1 δ' 4 η 3 η'

η² ζ

var. inv.

Sky only fair.

Z Delphini

Clouds formed over region

55 Too cloudy to continue now.

1 — 199

1 — 26

8 — 423

L. P. P.

Thursday, Dec. 14, 1905

5 3 U

203611 T Delphini
a 4 b 4 α 3 c 4 d 5 δ 2 β
β 1 ε
var. unc.

~~45~~
5 5 5

191637 U Sagittae
4 4 α 3 β 3 γ = δ 5 θ 2 θ' 1 η
η 1 ε 5 b 5 ~~[illegible]~~ τ 5 μ

v = b for object marked ?
v 4 τ 14.5

b 3 v for object ~~[illegible]~~ marked ⊙
v 1 τ following obj. marked ✕ ?

Dec. 14, 1905

6 10 201130 SX Cygni

a 6 c 3 b ~~7 d~~ _ d or e or f ~~too~~ faint

e 1 f 2 d 6 g 6 h

Var. invis.

6 25 201437 b WX Cygni

a 3 a' 4 b 1 c = d

d 3 f 1 e 2 d' 5 g 3 h

h 2 k 3 l

g ~~k~~ 2 v

v 1 h

202954 ST Cygni

~~c 8 d 6 e~~ ~~a 5~~

c 8 d 6 e ~~f~~ 6 e' 2 f 3 h 3 g

g 1 k to f too faint γ 2 α 2 α' 3 γ'

γ 1 2 β 2 2 ~~3 1~~ 1 ε 3 δ

Dec. 14, 1905

ST Cygni 202954

6 40 α 3 v γ'
v 2 γ' 11.3

7 00 220714 RS Pegasi

b 8 α 2 β 3 C 3 δ.

Sky became too poor to continue seq

7 07 ζ 1 v Uncertain
v 2 h 10.5

Moon rising & much cloud over sky

4 – 203
2 – 28
33 – 456

Monday, Dec. 18, 1905

7 30 201520 V Sagittae

a 4 b 5 a' 6 e 3 c

Clouds formed before other stars were obs.

221733 T Lacertae

50 a 4 b - b' too great

b' 4 d 1 c 5 e

Sky too poor for fainter stars

d 1 v 9.8 hazy or cloudy

v 2 c

- Cloudy

8 45 235855 Y Cass.

a 5 b 4 c 3 f 2 e 1 d = h 3 g

g 3 h ~~v~~ 6 l others not seen

h 3 v

v 2 g

10.5

Dec. 18, 1905

9 00 235525 Z Peg

var. invis.

f (or b?) 4 d 1 e 5 g 4 h

h 5 k

others too faint

9 15 W Cass 004958

a 3 c ?

d 3 a 3 e 4 f 3 ~~β~~ β 4 γ 3 δ

5 ε

γ 2 v 12.0

v 1 δ

Star c is so near the two bright stars that comp. is difficult. Why retain it?

Dec, 18, 1905.

7 30 012502 R Pisc

var, min <12?

t seen.

35 065355 R Lyncis

a c 3 v — 8.90
v 2 f — 8.82
8.86

Sky very ~~poor~~ hazy all over but clearing at times

#9

4 - 207 Ledg.
2 - 30 Plot
29 - 485 Post
to here

Tuesday, Jan. 9, 1906

M

8 45 R Triang. 023133

a 5 v :
v 6 b

6.35
6.14
6.24

Int. too great, & plates too bright in telescopes

48 213843 SS Cygni

a 2 v
v 1 l

880
880
8.8

No chart at hand,

9 05 021143 W Androm.

Var. invis.

< 11

9 15 013338 Y Androm

Invis

Jan 9, 1906

920 R U Andromedae 013238

e 4 v 100

v 1 f

3 210

2 32

— 485

L.M.P.

Wednesday, Jan. 1~~1~~0, 1906

5 35 213843 SS Cygni

v = d 8.60
v + e 8.50

8.55

R Delphini
Too hazy

4.5 W Pegasi 231425

d 2 v 8.0
v 3 e

2 212
— 32
— 485

L. P. P.

Thursday, Jan. 11, 1906

7 00 213843 SS Cygni

9.0 est.

Sky very poor.

S Arietis

g 4 n

Too cloudy.

8 00 Still too cloudy.

1 213
1 33
— 485

L. P. P.

Tuesday, Jan. 16, 1906

7 30 213843 SS Cygni

9.6 est.

35 222439 S Lacertae

11.6 est.

38 001755 T Cas

~~H~~ 9.7 est.

R Vulpec.
Too low.

45 004047 U Cas.

8.6 est.

8 15 002954 ST Cyg
var just on limit of vis
12 to 7 Field com

1905phae.proj..78O

Jan. 16, 1906

8 30 R Pegasi 230110
Not seen
<9.3 Low.

235855 Y Cass.
40 f 4 v
v 1 g 10.3 photog. sq.

43 021024 R Arietis
8.7 est.

235053 R R Cass.
50 a 3 f e 1 b 2 d 1 c 4 α
α 2 β 1 θ 5 γ 3 δ 3 ε
θ 3 v 11.9 11.5 th
v 2 γ

Jan 16, 1906

9 00 042209 R Tauri
11.9 est

S Tauri
Invis. <12

9 10 070122 R Gem,
11.7 est.

20 081617 V Cancri
12.1 est.

25 085008 T Hydrae
11.4 est.

Jan. 16, 1906

q 3 ✓ S Urs. Min. 15 3378

v = e 10.2

v 4 d

Seeing very poor in this region

(13) 226

(2) 359

p 10 485

L.P.P.

Wed. Jan. 17, 1906

5 58 213843 SS Cygni

9.9 est.

R Delphini
too hazy in region

5 58 230110 R Pegasi

10.9 est.

195849 Z Cygni

6 00 v = k 9.94 10 th
9.93
v 3 l 9.9+

200938 RS Cygni

6 10 7.0 est.

15 201437 b WX Cygni

k 1 v 11.7
v 2 l

Jan. 17, 1906.

8 15 021143 W Androm.

Ast. of seq.

β 5 κ 4 γ

γ - γ' too large.

γ' 2 δ 5 ε 3 ζ 2 η 2 θ 6 λ 5 ~~π~~ n ~~+0~~

~~0 4 μ 3 π~~ n 3 μ 3 π

~~π not seen~~ o not seen

var. min.

8 30 010940 U Androm.

a 7 b 3 c 3 d 7 e 1 f 1 g 4 h

h 5 l

m not seen

var. min.

Jan 17, 1906.

015912 S arietis

h 2 n <12.5

9 05 015254 ~~S~~ U Persei

10.7 est

W Monoc. 064707

9.20 a 4 b 1 c 5 d 3 e 1 e'

e' 3 f 1 g

g - g [illegible] great

g 2 v est = 12.5th

Some fainter stars should be selected

Jan. 17, 1906.

9ch R S Gem, 06530 .

α 2 β ~~5~~ γ 3 α' 3 γ 3 δ ~~1~~ 4 ζ

ζ 4 a 3 b

ξ 2 ν 11.0

ν 3 ξ

(A) – (234) L. P. P.

(3) – (3A)

(31) – (526)

Thursday, Jan. 18, 1906

748 213843 SS Cygni
est 11.4

45 201647 U Cygni
est. 8.0

750 210868 T Cephei
est 7.8

044617 V Tauri
Sky very clear
810 Seen steadily after long gazing
Star t also clearly seen
var. slightly brighter than t
hence est 14.0
This appears to be very faint to see
with this glass. There may be some
error in mag. of t.

t = 13.0
corrected by L.C.
Dec. 19, 1906.

Jan. 18, 1906

815 045307 R Orionis

est. 10.4

820 050003 V Orionis

p 2 N <12.5

31 053068 S Cam.

est 8.8

845 053531 U Aurigae

t ~~4~~ N <13

035124 T Erid.

900 h 5 N

918 040725 W Erid.

m 5 N

9 25 Jan. 18, 1906.
P 76169 V Cam. Min.

9 15 photog, 2h
11 12

Very ft. about 13 m.

Very clear night.

7 - 241
4 - 42
— - 526

Friday, June 19, 1906

7 10 223841 R Lacertae

est 9.7

15 231508 S Pegasi

est. 10.8

seeing very hazy here

R + Z Aquarii + S Cygni

too low

7 40 213843 SS Cygni

est. 12.0

very hazy.

8 00 230759 V Cass.

k 3 v

v 2 l

Jan. 19, 1906.

π¹ Androm.
not seen
Can not see any of the stars
in this region to-night.

001533 R Androm
805 γ 4 R

014958 X Cass.
f 1 v very ft.
v 3 X 12th?

10 022000 R Ceti
est. 9.6

20 001712 U Pisces
If object seen is the var, then
est. 11.3
other two stars near by not seen

June 19, 1906.

8 30 024217 T Arietis

est. 9.7

35 024356 W Persei

est 9.6

8 38 054920 U Orionis

est 11.0

very uncertain Sky too poor

10 — 251
2 — $4\frac{4}{2}$
— — 516

L.P.

Monday, Jan. 22, 1906

Variable sky

8 10 very warm evening

8 20 065355 R Lyncis

9.6 est.

23 076310 R Cancri

est 9.9

Quite red

v Gem,

Clouds came,

9 00 Too cloudy to do anything

2 - 253

= - 44 L.P.

= - 526

Wednesday, Jan. 24, 1906

7 45 213843 SS Cygni

~~a 3 v~~
~~v 1 p~~

est 12.0

8 0 032043 Y Persei

α 5 α′ 7 β 2 β′ 5 γ′ 2 γ ✓

γ 3 δ 4 ε 2 ζ 5 η 2 λ 3 ρ 1 μ 1 θ

~~α′ 8 4 β~~

α′ 4 v 9.0

v 3 β

8 32 034124 S Fornacis

g 1 v 8.6 8 th

[illegible]

30 034625 U Eridani

f 3 v 9.5 Crow

v 1 8

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Jan. 24, 1906

8 48 071713 V Gem.

Barely seen

g 3 v est 13th

49 0727~~34~~08 S Can. Min.

est. 8.4

50 073508 U Can. Min

est. 9.0

9 00 073723 S Gem

est. 10.0

9 05 085120 T Cancri

est. 8.9

15 090425 W Cancri

h 3 v 12.0

v f k

Jan. 24, 1906

9 30 133273 T ~~Cu~~. Ur. Min

v = l 12½

40 142584 R Camelop

est. 8.6

9 45 083019 U Cancri

est. 13.0

13 - 266
 - 44
13 539

LPP.

Thursday, Jan. 25, 1906

5 50 S Aquarii
too low now

5 T 233815 R Aquarii
est. 8.6

6 00 Z Aquarii 234716
est. 9.2
comparison sp. of R

10 043065 T Camelop
est. 9.0

205030 UX Cygni
6 20 very faint 12th or less
θ, ν
ν 2 μ

Jan. 25, 1906.

25 213753 RU Cygni

e 2 v 8.9
v 1 f

Either position of var or k is not right on chart.

35 220412 T Pegasi

h 1 v 10.2
v 2 k

h 3 k

40 220714 RS Pegasi

h 2 v 10.9
v 1 e

6 50 Y Peg 220613

var. invis.

Jan. 25, 1906

W Pegasi 231425

7 05 a 5 b 2 c 4 e 1 d f too pr

~~f 3 f~~

f' e' 3 g 3 h 2 k

Sky too hazy here for fainter stars

8.0 ✓

b 2 v

v 1 c

7 25 065111 S Monoc

a 5 a' 4 a^2 2 b 3 b' 5 c

c 4 α 3 α' 3 α'' 3 β ✓

Others not seen

var invis.

030514 U Arietis

3 U est 8.8

9 275

3 46

13 5.52

Friday, Feb. 2, 1906

7 15 001755 T Cass.

9.4 est.

18 004047 U Cass.

9.8 est.

22 013238 RU Androm

f 3 v

Inv. 1X 24 Near moon & hazy.

est = 11th ?

31 001046 X Androm

var. appears to be plainly found

If this is the var. dim

S 3 r

Field too hazy for faint stars

33 021558 S Persei

est. 8.8

Feb. 2, 1906

40 023133 R Triang.
est. 6.1 : finder

7 45 081112 R Cancri
est. 9.8

50 084803 S Hydrae
est. 8.4

55 S Urs. Maj. 123961
est. 8.4

57 T Urs. Maj.
est. 10.2

8 00 X Monoc. 065208
v 2 a
Cl. too bright

11 - 286 L.P.
— - 46
— - 552

Saturday, Feb. 3, 1906

Thermom +13°, 3° warmer than last night,
m,

8 00 004435 V Androm

e 4 v 9.5th
v = f

05 004958 W Cass
var. invis
δ + γ seen

08 015254 U Persei
est. 11.0
Seems passing up min

12 021024 R Arietis
est 8.8

15 032335 R Persei
est 8.8

Feb. 3, 1906

8 20 063308 R Monoc

var. not seen

β, β' seen

Too near moon

Cloudy in south east

845 093934 R Leon. min.

est. 9.2

Clouds

9 05 103769 R Urs. Maj.

est. 8.4

07 123459 RS Urs Maj.

~~d~~ d' 2 v

v 1 e

11 153378 S Urs. Min

e 2 v
+5 f photog. 10.5

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Feb. 3, 1906

9.15 δ Cephei

~~est. 11.6~~

est. 11.6? very ft., but sky too poor to see clearly. Appears to be about equal to m.

On looking out, find much cloud over sky. Better reject these last obs.

L.P.

9 - 295
2 - 48
532

Saturday, Feb. 10, 1906

moon very bright

8 10 223841 R Lacertae

est. 9.3

S Lacertae

too low, & sky too bright

15 235855 Y Cass

photog. & g

g 3 v

v 3 l

10.5 the ?

very poor

20 042215 W Tauri

near moon

g 1 v

v 3 h 11.0

11 = 045307 R Orionis

est 11.0

Feb. 10, 1906

8 3 0 045514 R Leporis

a 3 v
v 2 e
very red

8 3 5

053005 T Orionis

g 2 v
v 1 h

10.58
11.22
10.90

nebulosity strong over T

T Leporis
not seen

Sky quite clear but most of the stars in my comp are too faint. or near mn

6 — 301
1 — 249
— 552

L.P.

Friday, Feb, 16, 1906

7 25 003179 Y Cephei
v = h
v 4 k est = 10.5th

30 042309 S Tauri
est 11.0

33 21 68 T Cephei
est 6.7
very red

38 213678 S Cephei
est. 11.9

235053 RR Cas
e 1 a 3 b n e 4 d
e very red & may out of place
in sequence, may be variable
not mistaken for the bright
star preceding & south

Feb. 16, 1906.

R R Cas. cont.

$a\ 2\ \alpha\ 1\ \beta\ 1\ \theta = \gamma\ 3\ \delta\ 2\ \varepsilon$

8 00 $\varepsilon\ 1\ v$

065111 U Monocerotis

8 05 Invis.

9th seen

15 065355 R Lyncis

est. 10.5

20 070122 R Gem

est. 12.2

070310 R Can Min

30 est ~~9~~ 9.3

Feb. 16, 1906

8 50 071201 R R Monoc.
After long looking, I see no trace of the var.

m 5 U

55 071713 V Gem
Invis.
m 2 U
~~not seen~~

9 072708 S Can Min
est. 8.9

9 05 072811 T Can. Min
est 9.9

9 10 073508 U Can Min
est. 9.2

Feb. 16, 1906

9 15 073723 S Gem

est. 12.1

081617 V Cancri

9 25 est 12.~~4~~2

Seeing poor, hazy.

084405 RT Hydrae

30 b4v photog. seq.

v1c

14 - 315 L.P.P.
3 - 52
10 - 562

Saturday, Feb. 17, 1906

8 20 011712 U Piscium

f 2 n
very hazy

013338 Y Andm

23 a 4 v 8.5th
v 1 b

30 014958 X Cass.
f 3 v 11th
v 1 x

S Fornacis
Too hazy,,

230759 V Cass

45 v = m 12.0
r ½ n

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Feb 17, 1906

9 00 043865 T¹ Camelop.
est. 7.7

043274 X Camelop.
05
d 5 v est. 9.5 th
v 2 x

10 053326 RR Tauri
f 1 v 11 th
v 3 g

15 052034 S Aurigae
est 11.0

20 053068 S Camelop
est 9.6

23 085008 T¹ Hydrae
t 2 n

Feb. 17, 1906.

9 40 090425 W Cancri

h < n

45 085120 T¹ Cancri

est. 8.7

very red.

9 – 324

3 – 55

— – 562

L.P.

Tuesday, Feb. 20, 1906

7 35 SS Cygni & S Cygni

too hazy in region

55 X Aurigae 001046

var. invis

α 1 n

004435 V Aurigae

8 00 f 2 v

v 4 β 9.7

hazy

06 021558 S Persei

est. 8.6

004047 U Cas

est. 11.3

Feb. 20, 1906.

8 25 021024 R Arietis
est 10.1

30 015254 U Persei
est 10.7

35 141954 S Bootis
est 8.5

38 153378 S Urs. Min
f 2 v
v 1 g

8 50 090151 V Urs. Maj
a 2 v 8.7 ~~[illegible]~~
v 2 b
quite bright

Feb. 20, 1906.

9 00 060450 X Aurigae

d 35
vic 8.5th p or 9th

10 061702 V Monocerotis

est. 9.3

15 061647 V Aurigae

est. 10.5

" 335
' 56
– 562

L. P.

Thursday, Feb. 22, 1906

8 15 001755 T Cass
ext. 9.2

013238 RU Androm
20 9 30 12th or less
n = h

23 032335 R Persei
ext. 9.0

104814 W Leonis
30 n 2 n

33 084803 S Hydrae
ext 9.1

Feb. 22, 1906

40 093934 R Leon Min.

est 9.5

45 093014 X Hydrae

e 3 v

v 2 f   10th

W Draconis   18 9 —

50 d 4 5 v   9.5th

v 1 e

X Drac. 180666

9 05 Probably invis. One star of the three in line seen

05 060353 Z Aurigae

δ 2 2 v

v 2 γ (companion to var.)

8   343
2   58
—   562

Friday, Feb. 23, 1906

7 45. 012502 R Piscium

var. barely glimpsed at times

is seen quite distinctly

Rough est.

is 4.v 12.7

004533 RW Andr

< 6 n

very poor in region for ft stars.

8 00 001838 R Androm

est. 9.3

1905phad.proj..786C

Feb. 23, 1906

8 05 003179 Y Cephei

z 4 v
v 1 g

10 042215 W Tauri

z 4 v
v 2 h

10.7

g two near bright star

13 053005 T Orionis

est. 10.5

nebulosity very bright tonight

25 050022 T Leporis

k 4 v
v 2 l

photo. sep.

Feb 23, 1906.

8 55 045307 R Orionis
est. 11.1

052036 W Aurigae
Nothing seen in position
9 05 as given on my chart
Photo enlargement not at hand,
Sky very clear
Fain < 13

083350 X Urs. Maj
9 10 f 5 v
v 2 ~~f~~ g 11th

13 052034 S Aurigae
est. 11.0

Feb. 23, 1903

20 053068 S Camelop.

est. 9.9

30 053326 RR Tauri

f 4 v
v = 9

32 054920 U Orionis

est. 10.5

40 065208 X Monoc.

e 3 v
v 1 b

photo. seq.
est = 9th

Very clear night.

L. P.

3 – 357
2 – 60
– 562

Saturday, Feb. 24, 1906
Reappearance of Jupiter's Satellite I
Watch N = $3.^{s}2$ fast at 7:06:00

7 20
Nothing seen

7 25 5
Nothing

7 31 25
Satellite seen

Watch N = $3.^{s}0$ fast at 7:39:00

1905phae.proj..786O

1905phae.proj..786O

7,50 at 5^h