

KG  
11366  
v. 875

Variable Star Observations  
1900 - 2.26 to 1900

Leon Campbell  
F.C.D.



Leon Campbell  
Harvard College  
Observatory

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Vol 2 No 2

Usual Observations  
from

Feb 26, 1901

to

KE 11365 1776

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The times are E.M.T. unless  
otherwise stated

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Feb. 26, 1901 <sup>(1)</sup> L.P.

295442 (Tuesday)

Nova Persei. (eye)

6:50 & Tauri 5 Nova

Nova 5 & Persei.

Obs. made in gaps in clouds  
Moon rather bright, but  
observation considered good.

11:00 B. Yaw 2 Nova (eye)  
Nova 5 & Persei

Moon rather bright but sky  
clear in regions of Comp. &  
& Nova. Obs. considered quite  
good.

KG 11365.116

Feb 27, 1901 (Wed) <sup>2</sup>

JD 5443

Nova Persei eye

6:40 ~~& Gem 1 nova,~~

nova 1 &amp; Persei ✓

Moon bright. Sky clear  
 Obs. with ~~Gem~~ very diff on account of  
 moon ~~light~~ so will resist it.

6:43 Sirius 2-3 Mars. ✓

Moon bright, difficult  
 to est.

T Cephei

FG

8:55 C 3, 4 d

m ✓

R Leonis

FG

9:00 f 4, 2 g

m ✓

Vesta

wrong record  
corr. Feb 27/1901

FG

9:05 f 4 f, a 1-2

m ✓



Feb 27, 1901

(3)

Nova Persei (eye)

9:25 Nova 0-1 &amp; Persei. ✓

Nova 5/3 Persei.

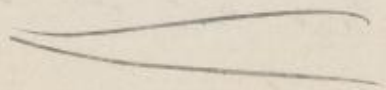
m  
 I think this better than the  
 one of the first of the  
 evening.

Nova Persei (eye)

11:20 Nova 0-1 &amp; Persei.

Nova 4/3 Persei - ✓  
m but obs. considered  
 good, not the best of the  
 night.

Ledgered.



Feb 28, 1901 (Thurs.)

225444

Nova Persei m

7:00 2 Persei 0-1 Nova,

Nova 2-3 y Cass,

Nova 3 B. Persei.

Nova rather red to night  
 even more so than on  
 any previous night.

Nova

9:00 Nova 1 & Per. m

Nova 4 B Per.

11:22 Nova 1 & Per. m

Nova 4 B Per.

Ledgered

(120 est in Feb.)



Mar 1, 1901 Friday

20 5445

Nova Persei eye

9:00 2 Persei 5 Nova m

3 Persei 1 Nova ✓

Obs. in a clear gap in clouds and considered good, but will get another if I can

Nova Persei. m

11:50 2 Per, 5, 5-6 Per. eye rather low and moon very bright, some haze probably left in sky but obs. carefully made & considered good. ✓

Mars

11:55 (eye) m

Mars 1 magn 7 2 Bootis

Mars 1.2 magn 7 2 Arcturus  $\frac{1}{2}$  w ✓  
obs. diff on account of Moon.  
Ledgered.

March 2, 1901  
 J.D. 5446 (Saturday)

~~2.00~~

Mars

m

6.55 Sirius 5-7 Mars. ✓  
 moon shaded by hands &  
 est considered better than  
 last nights.

Nova Persei.

m

7.00 2 Persei 4 Nova

3 Persei 0-1 Nova

4 Androm 0-nova ✓

moon very bright and some  
 haze round about, but obs.  
 considered good.

Ledgered

5.



March 3, 1901

Sunday

7

JD 5447.

Nova Persei

eye

6:22 3 Persei 5 Nova

Obs. made through thin clouds;  
 2 Persei very much brighter than  
 nova, and 2 Per. looks about  
 a half magn. 7 than 3 Persei.

Obs. only  $\frac{1}{2}$  in but I think it fairly  
 good.

Ledgered

Mar. 6, 1901 (Wednesday)

5450

Nova Persei

7:00 E Per. 3 nova eye

nova o  $\delta$  Persei

much

Nova very red, like  
a fire ball in the sky.

Mars

6:50 Sirius 6 Mars eye

Mars 1 mag. 7 Capella

a good obs. no m. n. d.

7 Gem

6:55 64, 0 c eye

for nova, see above.

Nova Persei

eye

7:35 E Per 4,  $\delta$  Per 1

Moon has just risen  
in the east.



Mar 6, 1901 cont. 9  
Nova Perseæ

eye ✓

11.23 E Persei. 2

O & Persei.

in light: Nova at times to  
naked eye looks fiery  
red.

~~B Persei~~

~~8:42~~

~~eye~~

~~at 3-4 h~~

~~some haze probably  
& moon up.~~

wrong page

Ledgered

Mar 7, 1901  
Thursday

225451

eye

B. Persei

7:11 d 1-2 var

~~eye~~ ✓

Nova Persei

7:17 E Per. 2  $\Rightarrow$  Nova

eye

D Per. 0 nova

var still very red to my  
eye

Nova Persei. eye

7:40 E Per. 0-1 Nova

✓

Nova 0-1 Persei

B Persei eye

✓

7:57 d 3, e 2

Mar 7, 1901 cont. <sup>11</sup>

B Persei eye

8:23 d 5 var var 5h ✓

I suspect that haze may effect  
this at somewhat

B Per.

8:42 d 6, 3-4 h eye ✓

some haze & moon up

B Persei

9:05 var 19, 5h eye ✓

m & haze

B Per. eye

9:30 d 4.5 var

m & haze some ✓

B Per eye

m  
haze

10:20 d 2-3 var ✓

Haze not very troublesome -  
with the moon during evening  
Telescope.



Mar 12, 1901  
Tuesday

20.5456

Mars. <sup>some two</sup>

6:45 Sir 6-7 Mars, <sup>eye</sup>

Mar 8 & Aurigae ✓

3 <sup>some two</sup>  
Gem <sup>eye</sup>

6:48 64, 0c ✓

Nova Persei <sup>some two</sup>

6:50 E Per. 4 Nova <sup>eye</sup>

S Per 3 Nova ✓

S Persei 4 Nova

E Aurigae <sup>eye</sup>

6:53 63, 0.5c <sup>some two</sup> ✓

Mar 12, 1907

...13

Some two at times above obs  
were made

Nova Persei

eye

7:25 E Per 4-5 Nova.

Nova 5 K Persei. ✓

Nova very red; also K Per  
is rather <sup>red</sup> so a very good  
comp Star for the Nova.  
This obs of Nova better than  
the previous one, when two  
was still apparent in  
the sky.

T Cephei

9:30

F.L.G.

d 1, 3 e

✓

Vesta F.L.G.

12:08 Vesta 1 a

✓

Vesta 2 f

Mar 13, 1901  
Cont.

R Leonis 15/18.

12.25 h 3 var.

Posted & Ledgers

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P 76 est in this book to here



Mar. 14, 1901

22 5458 Thurn.

Nova Persei

9:10  $\delta$  Per. 3-4 Nova eye

Nova 4-5 K Persei. /

Nova is quite red.

10:05 R Leonis F. 4.

h 2, 3 h /

Mars

eye.

11:20 Mars  $3/4$  mag  $\gamma$  Bootis ✓  
I think this a good obs because  
both Mars &  $\gamma$  Bootis are red.5 ext. on this date.

Ledgered

Mar. 15, 1901

I.D. 5459. (Friday)

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Nova Persei

eye

7.05 J Per. 6 Nova 3.70

3.75  
3.72

Nova 2 K Per.

Troubled by thin cloud in  
vicinity. Obs  $\frac{1}{2}$  weight.

Plotted.

Ledgered

Mar 16, 1901 Sat.  
 JD. 5460

Nova Persei eye

9:40 Nova 0-1 K Per 3.90

Nova 1 V Persei  $\frac{3.90}{3.90}$

Prob some cloud in region  
 but obs made with care V  
 and  $\frac{2}{3}$  weight

Vesta F G

10:14 Vesta 1 a 6.57 ✓

Vesta 1-2 f  $\frac{6.69}{6.63}$

T Cephei

F G

✓  $\frac{7.18}{7.12}$

10:18 d 5, 0 e

$\frac{7.15}{7.15}$

Nova Persei eye

10:20 Nova 0 K Persei ✓ 3.95

Nova 1 V Persei  $\frac{3.90}{3.92}$

whole weight no clouds



Mar 16, 1901.

R Urae May F. S. ✓

11:30 g 1 var. 7.81  
cannot see star h

---

S Gemmae eye ✓

11:40 a 3, b 1 ✓

---

Mars eye ✓

11:43 Mars & Arcturus <sup>-0.56</sup>

---

R Lyiae eye

11:55 d 4.5, 1e ✓  
rather low but quite  
clear

---

S Hercules eye ✓

12:10 a 4, 2 b

Mar 16, 1901. 9  
B Lyrae.

12:15 64, C.O.5 ✓

Bartholow, but sky  
quite clear.

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18 sets of var. tonight.

9 sets to here

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March 17, 1901

Feb 461 Sunday

Nova Perseus eye

7:05  $\times$  K Perseus Nova  $\begin{array}{r} 3.95 \\ 3.90 \\ \hline 3.92 \end{array}$

Nova 1 V Perseus

have  
Region appears to be  $\checkmark$   
an some evenly distributed  
cloud, I think the foreground  
but only 7% weight

Nova Perseus

7:20 Nova 0-1 K Perseus  $\begin{array}{r} 3.90 \\ 3.85 \\ \hline 3.88 \end{array}$

Nova 1-2 V Perseus

Phys quite clear, obs  
considered good, with  
that I can perceive, obs  
whole weight.



Mar. 17, 1901 Cont 21

J Gem. eye ✓

7.45 a 2, 1 b

J Gem. eye ✓

7.48 b <sup>3</sup>/<sub>2</sub>, 2 c

Mars eye ✓

7.50 Sirius 6, Mars - a 98

Mars 8 & Aurigae 0.59Sirius 6, Mars - a 98 0.78

Sirius white while Mars is red,

E Aurigae eye ✓

~~7.52~~  
8.00 b 3, 1 2 c

Nova Persei eye

8.05 Nova 0-1 H Persei ✓ 3.90Nova 2 V Persei 3.80Shydean white bright 3.85

P Persei eye ✓

8.20 Nova 0-1 H Persei

Nova 2 V Persei

Ledgered

March 18, 1901

J.D. 5462. ~~73~~ Monday

Nova Persei. eye

9:00 ~~10:00~~ Nova  $\times$  1  $\sqrt$  Per. 3.90

tr. by obs. obs  $\frac{1}{3}$  w.  $\checkmark$

Nova Persei F.G.

9:50 Nova 1 K Per 3.85

Nova 1-2  $\sqrt$  Per 3.85

$\frac{2}{3}$  w. somewhat in  
region

R. Mr. May F.G.

10:02

as near as I can get  
in some haze  $\checkmark$

f 0 var var 2-3g  
but only  $\frac{2}{3}$  w.



Mar. 18, 1901 <sup>23</sup>

R Leonis, F. G.

10:10 k1 var, var 3 l  $\frac{2}{3}$  in  
in zenith but some haze

3 Gen F. G.

10:15 a o var  
var 3 b some haze in regionPosted,Ledger

123 Est to here



Mar. 19, 1901

JD 5463 Tuesday

Nova Persei

F. L.

7.48 Nova  $\frac{1}{2}$  w Per. 4.82

Nova 16 Persei 4.88

4.85

~~Var~~ Nova very red  
in field glass.

3 Gen. eye

8.00 a o, 2 b

Nova Persei

8.58 1 Per o-1 Nova 5.03

4.82

4.88

Nova w Persei 4.91

Nova 5 "a" on my chart  
"a" = 30 Persei. L. Ed. Plot.  
1308st.

Mar. 22, 1901 25

JD 5466

Friday

Keston F.G. ✓

8:00 Keston = to f

seen in a good gap in cl.  
& considered prob.  $\frac{2}{3}$  n

Nova Persei F.G.  
Nova γ Persei.

Nova readily seen with  
naked eye; and in field  
glass it appeared a little  
brighter than γ Persei, but  
before I could obtain a good  
estimate clouds stopped me  
and I could not verify my  
impression again during the  
evening. (9:55 P.M.) Nova  
still appeared red.

over

Mar. 22, 1901. Conf.

Nova Persei eye

10:28

Nova seen easily and  
as near as I can estimate

5 grades  $\gamma$  L Persei.  $\frac{1}{2}$  W <sup>8.48</sup>

Sky cleared suddenly but  
field glass not at hand.

Mars eye ✓

10:43 Mars 6-7 & Borth.

Clouds again coming  
stopping further observing

Nova Persei

11:37

F.L. <sup>8.43</sup>  
<sup>4.48</sup>  
✓ 4.46

V Per. 5, 5 L Per.  
low, prob some haze



Mar 22, 1901

cont

Mora. Persei ✓ 4.43

4.48

4.46

✓ Per. 5, 5 h Per.  
low, prob some haze

3 Gem eye ✓

11:42 b 3 var,

2 Hercules eye

12:02 a 3, 2 b

Var red.

R Lyrae eye

12:05 c 4, o d

3 Lyrae eye

12:08 b 3, 1 c

Mars. eye

12:15 Mars 7 & Bootis ✓

Clear view better than before

(Saturday)  
Mar. 23, 1901  
225367

Nova Persei eye  
7:25  $\times$  J Persei 6 Nova 3.70  
Nova 3.5  $\checkmark$  Per 3.58  
3.70  
3.66

Nova 3 K Persei  
Nova quite red.

P Persei eye  $\checkmark$   
7:29 J Persei 5-6 ~~Nova~~ P Per  
P Persei 3 K Persei

T. Cephei F.G.

7:36 e 4, 0-1 f  $\checkmark$

R Leonis Fls  
7:57 <sup>k4</sup> e 1, 0 m  $\checkmark$

Mar. 23, 1901

29

S Gem. eye

8:02 64, ~~2~~ @ 0.5 ✓

Vesta F.G.

8:06 a 2 Vesta ✓

f 1 Vesta

Nova Persei eye

8:10 Nova 3 ✓ Persei ✓ 3.63

Nova 3 K Persei 3.70

3.66

Mars eye ✓

8:20 Pis. 1 magn Mars magn

R Urs Maj. Fly

8:23 0.5 f, 4 g ✓

(16 cuts)

Posted.

Ledgered.



Mar. 27, 1901  
Wednesday  
JD. 5471.

Nova Persei  
eye

7:19 K Per 1-2 Nova 4.15<sup>v</sup>  
V Per 1 Nova 4.03<sup>v</sup>  
4.09<sup>v</sup>

Sky rather bright due  
to moonlight and prob.  
some twilight.

S Persei F. Lg.  
9:35 a.o., 2-6 ✓

if var. is surely  
identified as S then it  
is. very difficult

R Leonis

F. Lg. ✓

9:39 L 3, m 1, 2 n

Mar 27, 1901 cont. <sup>31</sup>

R Urs Maj F.Ly.

9:45 0-1 f, 3-4 g ✓

9:53 T Cephei F.Ly.  
e 4, 0 f ✓

9:56 Nova Persei  
F.Ly. ✓

h Persei 2 Nova 4.20

✓ ... 1 Nova 4.03  
4.12

9:57 E Aurigae eye  
b 2, 2-3 c ✓

Moon to near for Vesta.

(179 ests)

over

Mar. 27, 1901 cont.

11: <sup>35</sup>~~40~~ 3 Lyrae eye

a 2-3 var ✓

---

Mar eye.

11: 30 Mars 6-7 & 1300 ✓

The above recorded from  
memory no record book  
at hand when obs. were  
made.

L & S. Plot.

Port.

181 est to here



Mar 28, 1901  
Thursday

Id 5472

Nova Persei  
F. G.

7:20 Nova prob. seen but  
not certainly seen.

K seen, I seen & also  
obs. in a very small gap between  
clouds.

Nova Persei  
eye

9:10 Nova seen, V & K  
seen should say  
Nova quite a little fainter  
than either V or K Persei  
but could not get an est.  
of same. Obs. in this place in  
clouds.

L. E. D. J. E. D.

Mar 29, 1901 Friday

JD 5473

Nova Persei  
eye

7:00 Nova appears at  
least  $\frac{1}{2}$  magn  $<$   $\kappa$  Per.  
seen in gaps in cl. but  
not of any particular val-  
ue except to show that it  
is doubtless rather faint  
moon light rather strong

Nova Persei  
F.G.

9:38  $\vee$  Persei 6 Nova  $\kappa$   
 $\begin{array}{r} 4.53 \\ 4.68 \\ \hline 4.60 \end{array}$   
 Nova 3  $\ell$  Persei  
 $\frac{2}{3} \times \frac{1}{2}$  w. prob some cloud

3 eye

9:42 a 1, 3  $\vee$  M  $\vee$   
 Led. Plot. Post. 18 Est  
 to here

Mar. 30, 1901 Sat. 35  
 JD 5476

B Persi eye  
 6:53 var 6 h  
 twi rather strong ✓  
 moon somewhat high  
 obs.  $\frac{1}{2}$  w

B Persi eye  
 7:01 d 4, 6 h ✓  
 twi & m. but good obs.

B Persi eye  
 7:20 e 3, 4 g m ✓

Nova Persi  
 7:22 k 3 nova ✓ m  
 ✓ 2 Nova  $\frac{2}{3}$  w

B Persi eye  
 7:28 d 3 - ~~k~~ Var. m ✓  
 only conf. I can now  
 use. (over)



Mar. 30, 1901. cont.

B Per. eye

7.47 d 2, 20-1, 62

hora Per eye

7.49 R Per. 2-3 hora

V Per. 1-2 hora  
better than prev. one

4.25  
4.08  
4.16

I Gam eye

7.52 a 2, 26

B Per. eye

8.15 d 1 var

~~3 Per. eye~~  
~~8.45 d 2, 12 per hour~~  
~~3 with low snow stars~~

3' getting lower now

Mar 30/1901 cont<sup>d</sup>

B Per. eye

8:52 var 1 d mv

B Per. eye m

8:59 c 3, 0-1 d

B Per eye m

9:32 var 2-3 d

B Persei eye

9:47 var 1 c mv

var 3 d

Now Persei m

9:49 k Per. 1-2 Now  $\times 15$

✓ Per 1 Now  $\frac{4.03}{4.09}$

B Per. eye

10:12 var 3 c ✓ low

var 3 d  $\frac{1}{2}$  w

too low to continue this

Mar 30, 1901 Cont

B Lyrae / eye

12:08 C 1, 3 d m

R Lyrae eye  
m

C 2, 2 d  
var red.

12:10 eye

d Herculis m

12:12 a 3, 1 b var red

eye  
m Cephei

12:15 x 2, 4 d low  
var red

c to low to use

12:18 d Cephei m eye  
low

c  
x 3, 3 d

219 ests to here in this book

Ledgered  
Posted.



April 1, 1901 Monday <sup>39</sup>  
 ID. 5476

Nova Persei m  
 eye  
 7:28 ~~Mars~~ v Per. 0.5 Nova  
 1/2 Per. 1 Nova  $\frac{3.98}{4.10}$   
~~7:30~~  $\frac{4.04}{4.04}$   
 ✓ F.G.

7:32 v Per 1 Per Nova m  $\frac{4.03}{4.15}$   
 1/2 Per 1-2 Nova  $\frac{4.09}{4.09}$

Mars eye  
 ✓ m  
 7:20 Mars 5 Capella

224 est to here

Posted  
 Ledgered

~~Mar.~~

April 2, 1901

JD 5477

Tues.

Nova Persei

F-L

7:30 - 8:00

E Per. easily seen

V Per. seen often

Nova seen only once

Nova looked then as much  
fainter than  $\delta$  V as  $\delta$  V is  
fainter than  $\epsilon$ .

Boat ok. Made thr-  
ough clouds.

L & cl. Post.  
Plotted.

Apr 11, 1901  
Thurs. JD 5486

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Mars eye  
10.48 Mars = Arcturus  
troubled by cl.  $\frac{1}{3}$  w ✓

---

R Bootis Fg

11.00 b 4 var  
~~b~~ var 1 c ✓  
var 3 d

---

12.50  $\alpha$  Herculis eye ✓  
a 4, 1-2 b varred

---

R Lyrae eye ✓  
12.53 c 3, 1 d

---

12.55  $\beta$  Lyrae eye ✓  
b 4, 0 c, 4 d



Apr. 11, 1901 cont.

Mars eye

12:58 Mars 2 arcturus  
sky clear. Mars rather  
low but obs. considered  
good weight 1. ✓

---

♂ Cephei eye

13:00 d. 3, 0-12. ✓

---

239 est to here

---

Posted

Led. Plot.

Apr. 12, 1901

43

Friday

Nova Persei F. &amp; G.

7:42 V Persei 5 Nova 4.43

K Persei 6 Nova 4.60

✓ Nova 3 P Persei 4.68

Nova 4 w Persei 4.42

4.53

Vesta F. &amp; G.

7:57 b3-4 Vesta

Vesta 5 g ✓

J Gemmon eye

8:04 a 5 var

b 2-3 var ✓

var 2 c

Apr 12, 1901  
R Leonis Fly.

11:55

03 var

var o k

---

S Coronae Fly

12:15 f 2, 3g

✓

---

T Cephei

12:05

Fly.

not seen

too faint

---

Mars eye

12:25

var 1-2 d Boot.

---



Apr. 12, 1901 45

3 Lyrae eye

12:38 C 0 var, var 4d ✓

12:42 R Lyrae eye ✓  
C 1.5, 1.5 d12:45 ♂ Capher. eye ✓  
e 0.5, 1.5 f12:48 2 Hercules eye ✓  
a 1.5, 2 b261 est to HereLed.  
Post.

Apr 13, 1901

Saturday

JD 5408

Nova Persei Fly. twi

7:30 V Per. 6 Nova  $\begin{array}{r} 4.53 \\ 4.68 \end{array}$ Nova 3 l Per  $4.60$ Nova Per. Fly twi  
Faint to  
est.7:35 V Per. 7 Nova  $\begin{array}{r} 4.63 \\ 4.68 \end{array}$ Nova 3 l Per  $4.66$ 

3 Gemmae

eye

7:53 b 4 var

var OC

Nova Fly

9:37 V Per 6 Nova  $\begin{array}{r} 4.53 \\ 4.68 \end{array}$ K Per 5 Nova  $4.53$ Nova 3-4 l Per  $4.52$ Nova 3 w Per  $4.52$

Apr. 13, 1901 47

R Un May. Fly.

9:42

g 1 var.

R Coronae Fly.

9:56 <sup>a</sup> ~~3~~ <sup>b</sup> 0 <sup>c</sup> haze?

on consideration and subsequent turning  
stage a & b were used instead of b & c

Vesta Fly.

~~10:45~~

~~11:20 b 5, f 3, 3 g~~  
~~b 2, f 3, 3.5 g~~

~~77~~ B Lyrae eye

12:03 a 3, b 0, 3 c

sky somewhat hazy  
near this region

x Herculis eye

12:18 a 2, 1 b

282 est to here

Lead Plot.



Apr. 19, 1901.

195494

Friday

Nova Persei

15.5

5.58

8.02

30 Per. 2 Nova

0.4

0.0

.30

.K

L

Some haze in region but  
obs. considered quite good

Ledgered  
Plotted

"Posted."

283 est to here

Apr 26, 1901  
 ID 5501 (Friday)

49

Nova Perseus (Ober) m  
 8:00 30 Perseus 5-6 hours  $\checkmark$  5.23  
 36 Perseus 6 hours 5.95  
 Nova 6  $\text{mag} + 44^{073K}$  (2) 5.73  
 Nova 8  $\text{mag} + 43^{0730}$  (1)  $\frac{6.11}{5.93}$

7 Gen eye

8:10 6 2, 2 c  $\checkmark$

U Orion F. G

8:12 Var seen with difficulty m

f 4, 0 g  $\checkmark$

3 Gen eye

8:18 a 2, 0 b m  $\checkmark$

R Mr Maj Feb

8:22 Var not seen  $\checkmark$   
 at least 2 n m

Apr. 26, 1901 cont

E aurigae eye

9:35 a 4, 3 C cls near m

Mars

mood too near

VR Boothe Fly

9:52 e 2, 1 f m

very diff. ✓

R Coronae Fly

10:20 a 5, 1 b ✓

S Coronae Fly ✓

10:36 f 3, 1-2 g faint

~~X~~ Aur. Fly ✓

10:50 d 3, 1 e



Apr. 26 1901 cont 51

R Lyrae eye ✓

11:05 var 1 d

Mars eye ✓

11:33 & Bootes 2 Mars <sup>m</sup>Moon very near Mars  
but shaded from obs.

11:50 3 Lyrae (Horne) eye ✓

a 3, b 1, &amp; c

11:53 R Lyrae eye ✓

c 3, o d

11:55 &amp; Hercules eye ✓

a 3.5 o &amp; b

11:57 3 Cephei eye ✓

c 2, &amp; d

12:00 3 Cephei eye (red var)

c 3 3 e

Posted. 3/17 est to here

Apr. 27, 1901

Sat. (obs)

JD 5502

Nova Per Fly

V Persei 1-2 Nova  $\checkmark$  4.088:10 K Persei 2-3 Nova  $\checkmark$  4.25  
4.16

Nova eye

V Per. 1 Nova  $\checkmark$  4.03<sup>+</sup>8:12 K Per. 2 Nova  $\checkmark$  4.20  
4.12<sup>+</sup>

K Per 1-2 V Per. eye

B Gem eye  $\checkmark$ 

8:15 a 0.5, 3 b

η Gem eye  $\checkmark$ 

8:18 b, 3c

Nova Per eye

8:42 K Per. 3 Nova  $\checkmark$  4.30  
4.15<sup>+</sup>V Per. 2 Nova  $\checkmark$  4.22

Apr. 27, 1801 ~~Coat~~ 33  
 Nova Per eye low

9.29 ✓ Per 3 Nova 4.18

Obs. only  $2/3$  w due  
 to low alt. Nova ✓  
 slightly lower than  
 V Per.

✓ ~~I~~ Herculis Fly

10.45 d 4, 02 m ✓

✓ S Vir Maj Fly  
 12.38 20 var m  
 both faintly seen  
 with difficulty

✓ Mars eye home  
 9.00  
 11.50 2 Bootis 2 Mars  
 moon near Mars but  
 hidden by house during  
 obs.  
 over



Apr. 27, 1901. cont

$\beta$  Lyrae eye

12:05 a 2, o b, 3 c ✓

R Lyrae eye ✓

12:07 c 3, o.5 d

$\delta$  Cephei eye

12:09 c 4, d 2, 1-2 e ✓

$\delta$  Herculis eye

12:11 a 3, b 1, 2 c ✓

R Pscuti eye

12:50 Var surely seen ✓

d 1 var, var 3 e

star e just seen.

shy rather bright fox e on  
account of moon Let  
Post

36 E & 8 to here

346 Est to here

Apr. 28/90

Sunday 55

JD 5523

Obs

Search made with field  
glass & naked eye for  
Hall's new comet but  
not found.

Nova Persei m

8:15 l per. 5 nova F 2 5.48

36 per 0-1 nova ✓ 5.38

30 Per 0 nova 5.38

moon & rather low 5.41  
nova slightly reddish

2 Orion F 2 ✓

8:25 f 2 var in  
can vary stiff to  
see

3-4 em eye  
8:28 a o, 16 in

352 Est to here

Apr 28, 1901 Cont  
 home eye  
 9:40 B Lyrat eye  
 a 2, 0 6, 30 ✓

---

L Hercules eye  
 9:42 a 3, 0 1, 30 ✓

---

358 est to here

---

Leds  
 Post



Apr. 29, 1901 Monday  
 DD 5504

I Gemmoun  
 in Fly.  
 P. 15 a 2, 0 f haze but  
 obs made with great  
 care & considered good

360 est to Here

May 1, 1901 Wed  
 JD 5506

7.2 Nova Per 20 (6)

8.12

FLG

l Per 4 Nova

5.38

Nova 0.5 30 Per

5.38

5.33

0 36 Per

5.33

5.33

U Orionis FLG

8.42

e b, f 1

10

Nova Per FLG

l Per 4 Nova

5.38

36 Per 1 Nova

5.43

5.38

30 Per 0 Nova

5.40

May 1, 1901 59  
 5 per. m

8:50 a 5-6, b 4. eye C  
 c too low

Vesta F.L.

9:16 k 4 Vesta m C  
 stars quite faint but  
 nicely seen. obs. only  
 2/3 weight however 7.58

Mars eye m C

9:50 2 Bootes 2-3 Mars  
 are explained. ~~the~~ & considerable  
 good.

R Coronae F.L.  
 a 4 var

10:30 b 0.5 var  
 var 3 C

m  
 C



May 1, 1901 cont.

$\Delta$  Herculis Fly

11:24 d 4, 1 e m C

$\beta$  Lyrae eye m C

11:33 d 2, e 0, 2 f

$\mu$  Lyrae

11:50 c 3, o d, 1 e

$\Delta$  Herculis

11:53 a 3 o b, 3 e

$\Delta$  Cygni

11:55 c 2, 4-5 d

29 ext tonight

Leds

389 est in this book. Plotted  
 & tested

May 13 1901  
 225508 Friday

61

Nova Persei. Fly

8:30 30 Per. 3 R mc 5.68  
 36 Per. 4 Nova 5.73  
 Nova 4 " " 5.69  
 Windy but care exercised 5.70

3 Yarn Eye

8:45 6 4-5 var mc  
 var 4 d c  
 "c" to low drinck.

X Herculis Fly

11:10 d 2, 3 e mc

R Coronae Fly

11:13 b 1, 3 c mc

3 Lyrae B eye

11:14 a b b d 2 c mc  
 Led. Plotted. (254) 40125 to here

May 5, 1901 Sunday  
 ID-5510 Chome

a very bright slow moving  
 meteor was seen in North  
 east at about 7:55 PM which  
 rivaled Vega in brightness.

Mars eye  
 8:10 2 Bootis 3 Mars.

R Coronae eye  
 8:20 var surely and  
 rather easily seen.  
 a 4 var

B Lyrae eye  
 8:22 a 2 var low but clear

B Lyrae eye  
 9:28 a 2, b 1



May 5, 1901. Cont. 63  
 9:25 to 4:20 low eye

2 Hercules eye  
 9:30 a 3, b 2, 2 c. eye

9:20 tonight.

4:10 est to here

Lrd. Plott  
 Ported.

May 6, 1901  
 DD. 551P Monday  
 Ober.

B. Y. m. m. m. eye  
 7:55 a34 62-1 two C

Nova Persei. F.G.  
 8:06 30 Per. 2-3 nova 5.58  
 36 Per 3 nova 5.63  
 Nova 4 "C" 5.69  
 some have in region

U. Orionis F.G.  
 8:08 e 5, f 0.5 C

R. Leonis F.G.  
 9:50 var not certainly seen  
 star p seen, var, must  
 be at least <sup>1 ga</sup> 2x fainter  
 than ~~it~~ p.

May 6, 1901

65

3 Lyrae

F eye

10.31 a 2-3, 61

C m

R Lyrae

C eye

10.33 d 1 var

m

Vesta

10.45

C F.L.  
low

k 4 Vesta

Vesta 1 l

2/3 w

R Coronae

F.L.

10.48 a 5, 61

C m

Cloudy 11.00

L &amp; d. Plot. Post.

15 est tonight

425 est to here



May 7, 1901 Tuesday  
 22 55 12

Looked for comet with  
 F.G. but not seen  
 prob. too much cloud  
 as clouds were quite  
 numerous in region

L Yum. F.G.  
 7:50 a 2, 0 6

~~not~~ age  
 L & Yum  
 7:55 a 1, 0.5 6

Nova Persei  
 8:33 F.G.  
 V Per. 6 Nova 4.53  
 4.68  
 Nova 3 L Per. 4.60

base?  
 22 Orionis F.G.  
 8:35 f 1 var

May 7, 1901 cont<sup>pl 7</sup>

Vesta FLG

10:27 h 3-4 Vesta C

Vesta 1 ~~h~~

S Coronae FLG

10:30 Var not seen  
fainter than ~~S~~ Mag.

R Bootis FLG

10:33 f 2-3 var C

I Herculis FLG

10:52 d 4, 0.5 e C

R Coronae FLG

11:30 60-52 e C ~~com~~

B Ryaee eye

11:35 C 1, 3 d C ~~com~~

May 7, 1901 Cont.

$\alpha$  Herculis eye

11:40 a 462-3, 1 c <sup>cm</sup>  
 Var reddish

$\delta$  Cephei.

(thru)  
 eye

12:10 c 2, do. 5, 3 e <sup>m</sup> C

R Hydrae eye

12:15 d 0.5 var

var 1 e

C

2584 tonight

450 est to here

Log d  
 Plott  
 Posted.



May, #8, 1901. 69  
 22.5513 (Wednesday)

B Gem. F-L  
 7:40 a o, 3 b some C

Nova Persei F-L  
 8:23 l Per. 0-1 nova C  
 Nova 3.5 30 Per  
 Nova 3 36 Per

U Orionis F-L  
 8:25 f 1-2 var. C

R Leonis F-L  
 8:27 p. 2 var C  
 var just barely seen.

3 Vesta F-L E  
 8:37 k 3, 2 l  
 obs considered extra good

May 8, 1901 cont.

S Canis Minoris

756 var not certainly <sup>FLS.</sup> seen, fainter than Se  
which is just seen  
∴ e o n

Mars eye

9:25

2 Bootis 3-4 Mars

Mars 5-6 2 Virginis

S Urs May. FLS

10:26 e 2, 1 f

C

10:28 R Bootis FLS

f 3 var

var barely seen

C

10:30 R Coronae FLS

60, 3 C

May 8, 1901 cont. 71  
 3 Lyrae eye C

10:45 c 2-3, 1 d  
~~hazy, some what~~

2 Hercules eye

10:47 b 2, 2 c C  
 some haze

X Hercules fly C

11:12 d 5, a 5-e, 3-4 f

20 J Cephei eye C  
 (homed)

12:10 c 4, d 1-2, 2 e

12:12 2 Hercules eye C  
 b 2, 2 c clearer  
 (on low)

3 Lyrae eye C

12:15 a 1-2, 2-3 d

31 est tonight

481 est to here  
 Posted



May 9, 1901

Thursday

(ok)

all cloudy

May 11/1901

73

LD 5516

Saturday  
(6th)

all cloudy

R Coronae FLY

9:30 a 3,06

seen in a gap in cl. obs good

2 est tonight

483 est to here

L ed.  
Port.

May 12/1905

SL 5517

Sunday  
W. Bolyard

3 Gem eye

8:28 a 5, b 3

C

7 Gem eye

8:30

b 3, 0-1 C

low

2 Her. eye

8:33 a 4, b 1, 3 C

C

B Lyrae eye

8:35 a 3, b 1, 3 C

C

E Aurigae eye

8:36 var 3 C

low

R Corvinae eye

8:38 a 3, b 0-1 var C

8:50 Mars eye C

2 Boot. 4, 5.52 Virgo



May 2, 1901  
 8.54 R Pyra<sup>e</sup> <sub>2</sub> C  
 d  
 0.5 0.5 d  
 rec. ctd, d, fore.

---

17 est tonight

~~500 est to here~~

926 J Ceph<sup>e</sup> <sub>2</sub> d ✓  
 C1-2, 5 d

---

19 est tonight  
 502 est to here

Red Post

May 13, 1901

Monday  
Oz,

JD. 5518

Nova Per. F.S.

F. 10

4.73

Nova 2-3 l Per.

4.58

4.66 v Per. 6-7 Nova <sup>Huge</sup>  $\frac{2}{3}$  W

B Gem. eye

8.13

b 4, do 5 var c

Vesta F.S.

8.20

m 3-4 Vesta

Vesta 2. l

c

Clouds

8.30

R Coronae K.L.

10.02 a. 4, b 1, 2-3 c

base

May 13 ~~to~~ cont

X Her. F. 5. C

10:39 d 4, e 0.5 haze?

B Lyrae eye

11:11 d 3, 1 f

hazy obs only  $\frac{1}{2}$  w  
see below

11:25 X Herculis eye

a 5, b 3

see below  
haze thru obs not troubled  
by haze, but care exercised

17 ests to right

519 ests to there

B Lyrae eye C

11:55 C 4, d 0.5, 3 f clear

X Herculis eye C

11:58 a 4, b 2, 2 c

Lead. Post. Plott.



May 14, 1901

Tuesday

DD. 55-19

Observatory

Cloudy at 7 PM

B Gem F.G.

8:03 a 5, b 3

C

same to eye twice

U. Crux F.G.

8:12

var just seen

low

e 4 var

haze near

R Coronae

8:26

b 2, 1 C

F.G.

clear here

X Herculis

8:28

d 5, e 1, 2-3 f

F.G.  
C

B Lyrae

8:30

d 2, 1-2 f

F.G.  
C

May 14, 1901 / cont

Vesta

FLG

C

8:53

m 2, 2 l

9:00

S. W. May 15 B.

d 3, e 0, 5 f C

10:05 Mars eye

2 Boob 45 Mars C

Mars 4-5 & Virginis  
some thin haze around

~~Lyrae~~  
B Perseus

~~eye~~  
FLG  
C

11:15 d 0, 3 f

19<sup>th</sup>

53<sup>rd</sup> est to here

Led. Post. Plot.

May 15, 1901

Wed.

662.

D 5520

3 Gun F.S.

8.03 a 3, b 1 ... two C

R Virginis

F.S.

8.26 d 3, 0-1-e

8.40 B Lyrae F.S.

a 4, b 3, 1C

R Coronae F.S.

10.04 b 2, 1C

X Herculis F.S.

10.06 d 5, e 0-1, <sup>3</sup>4 b

3 Lyrae eye

10.08 a 5, b 3, 1C



May 15, 1901 cont. S.  
 S Sagittae F.L.C.

11:13 a 1, r 2.6, 4c  
~~seen~~ with eye at 12:10 PM

R Scuto F.L.C.

11:15 d 2.0 e, 3 f, 12 PM.  
 seen with eye at 12:12 PM. home

L Herculis eye C

12:00 a 4, b 1.5, 2c

S Cephei eye C

12:03 e 0.5, 1 f

B Lyrae eye C

12:06 a 4, b 2, 1.5c

2d est tonight

566 est to here

Led. Port Plotted.

May 16, 1901

Thursday

D.D. 5521

6 hr.

S Gemini eye C

8:25 a 2, 06

R Coronae FG.

8:26 b 2.5, 1 c C

X Her. FG

9:28 e 1, 3 f C

B Lyrae eye

9:30 a 3 var C

X Her. eye C

10:25 ~~a 2, 3 b~~ rec. a for b, ob for c C

R Virginis FG

10:27 e 1, 4 f C

May 16, 1901 cont.

L<sub>3</sub>

J cephei

F.S. C

9:29 d 3, 1 e

11:05 R Senti F.S. C  
d 4, 1-2 e

S Sagittae F.S.

11:07 a 2016, 3 e C

B Lyrae eye C

11:40 a 2, 60

20 est.

586 est to here

Led. Port &amp; Plot.



May 17, 1901 Obs.  
Friday

5522

g Gem

F. G. C  
twi

8:00 a 1, 1 b

g Can Min

F. G. C

8:30 c 2, 2 d

low

R Coronae

F. G. C

9:28

b 3, 0 d

all <sup>the</sup> rec. wrong. c for b, & d for c  
Vesta

Too much cloud

g Herculis

F. G. C

9:40 d 3, 1 e

g Her

eye C

9:42

b 2, 2 c

g Lyrae

eye C

9:43

a 2, 0 b

May 17, 1901  
*S. herculis* F.S.

9:45

ran very close to star C

b but surely seen.

~~e~~ f 2, 19 diff.

*S. Cephei* eye C

10:55 b 1-2, 0 e

*S. Sagittae* F.L.S. C

10:58 b 1, 2 e

*R. Scuto* F.S. C

11:00 d 5, e 1, 2 f

Lead. Plott. Post.

21 est

607 est to here

May 21, 1901

D. 5526

Tuesday

Cloudy 7 PM

1065

R coronae

F 2  
hard  
2/3 w

8:42 d 3, 1 e

~~X Her.~~

F 3 1/2 w

~~8:44 d 4 var 1/2 w~~

R Virginis

F 4  
clear

9:50 e 3, 2 f

~~X Herculis~~F 5 C  
clear

11:13 d 3, 1 e

S Sagittae

F 2

11:15 d 1, 3 e

2/3 w  
hazyPostplot Led 615 to here



May 20, 1901

27

D. 5527

Wed.

8:28 Mars eye  
 & Bootis 6, Mars C  
 Mars 3 & Virgo

R Coronae PSC  
 8:30 b 3, c 0.5

X Hercules FG  
 8:32 d 3, 1.5 e C

R Virginis FG C  
 8:34 e 2, 2 f.

~~Refect. X Hercules FG~~  
 9:35 ~~d 2 e 0, 3 ff 1/2 w~~  
~~differs close to 5~~

& Wrenia FG C  
 9:38 b 1, 3-4  
 heavy?

10:00 Cloudy Led. Photo.  
 10:25  
 6:25 est to here Post.

May 23, 1901  
 22-5520 Thursday)  
 662.

Vesta moon near  
 F.G. C

9:43 Vesta 4 5  
 Vesta 4 n  
 $\frac{2}{3}$  w p 4 Vesta see chart 3

R Coronae F.G.  
 d C

9:53 64, C 1, 3 &  
areford clear

2 Herculis F.G.  
 9:55 d 3, 0-1 e C

2 Mrs Maj F.G.  
 10:10 var not seen C  
 too faint.

2 Herculis eye  
 10:15 6 0.5, 3 e

May 23, 1901 cont 29  
 St. Sagittas to F. G.

10:23 a 3, 0-18 C  
recorded C for 6

Led. Plott. Post.

12 est

637 to here



May 31, 1901 (Friday)  
 JD 5536  
 Ober

Vesta F.G. 3m  
 8:40

p. 5. Vesta 2/3w  
 9. 3-4 Vesta

R Coronae F.G./m 3m C  
 8:50 64, C1 ~~4/2w~~  
moon very bright

~~R Lyrae~~ eye C  
 Mars m

9:20 2 Bootis 5-6 Mars  
 Mars 4 & Virginis

X Herculis F.G. 3m C  
 9:41 d. 5 <sup>4</sup> rarp. 3m  
<sup>e. 1 rarp. 3 f.</sup>  
 moon bright altitude very  
 high. weight ~~4/2~~

May 31, 1901 Cont 2,  
R Virgins F.S.

10:10

d 5, 2 e 2, 2 f

mc

R Scuto

F.S.

mi

10:50

d 1, 3 e

C

S Sagittas

F.S.

10:53

a 1, 1 b

mc C

$\alpha$  Herculis

eye  
mc

11:35 a 2, 1 b

rec. from memory June 1, 1901

Post-Led. Plott.

18 est.

655 est to here

June 3, 1901

Monday  
Observed

5539

7 PM cloudy

Mars eye

8.50

Mars 2-3 &amp; Virginis

Mars 4 &amp; Leonis

&amp; Bootis 7 Mars

R Virginis F.S. C

9.30 not seen from

moon bright  
F. 1, 2

Vesta F.S.

~~9.55 9/3 Kesta 2 4 in~~~~not Vesta  
but a 7.0 star.~~

R Coronae F.S.

9.58 6 4, c 2, &amp; d

X Herculis F.S. C

10.13 d 3, 2 e

high (overhead)



June 3, 1901 contd.

R Lyrae F.G. C

10:18 d 0-1 var

moon bright, van real,  
but obs. consid. very good

R Scuti

m

~~10:57~~

F.G.

C

11:20 c 4 var

moon

d 2 var

near

var & e

S Sagittae

F.G.

11:22

m

C

b 0.5, 3 C

12:00  $\alpha$  Herculis eye C

a 3, b 0.5

m

Lsd. Plott. Persted.

19 est

674 est to here

June 4, 1901  
 D 5540

Tuesday  
 Over.

Copied from paper record  
 book not at hand at  
 time of observations.

Vesta F.G. C  
 A. 52 t 3, 3 u clear  
 no moon

Comp \* for Vesta

t 3 q

f 3 r

r 4 q

o 3 f

q 4 n

s 4 t

q 4 w

w 2 u

moon just rising

R Virginis

9:15 f 3 var faint  
 shy clear. Est 8.0 C

June 4, 1901.

X Her. F.S.

9:27

moon up  
d 5, 0.5 e

R Coronae F.S.

9:29

b 4, c 2, 1 d

R Ophiuchi

9:37 perfect if correctly ident.

R Lyrae

9:43 var o.5 d eye

9:44

var o d F.S.

X Herculis eye m

9:58

a 2, 0 b

R Penti F.S.

11:03

d 1, 3 e

S Sagittae F.S.

11:06

b 2.5, 2.5 c

Phot. Led.

Post.

(17)

(691)



June 5, 1901 (Wednesday)  
Glen

DD 55K1

R Coronae

9.20 c 3, od F.G. C

X Herculis F.G.

9.23 d 4, 1 e C

R Virg. F.G.

9.30 f 4 var C

S Mus Maj. F.G.

9.32 var not seen

\* 3 n C  
rec. f bar

R Lyrae

9.55<sup>\*</sup> d 0.5 var F.G. C

d 1 var eye

Vesta

9.58.6 3, 3 u F.G. C  
low but clear

June 5, 1901  
*S. Sagittae*

Fig

C 2  
m

10.30

c 2 var  
 var 2d

R. Scuti

Fig.

10.32

do, 4e

m

C

2 Hercules

m

C

10.36

a 2, 0.56

eye

Led. Plott. Part.

(16)

(707)

June 6, 1901 Thursday  
 H. 5542 Observatory.

R Coronae F.G. ~~hazy~~ C  
 8:30 c 3, 0 d

X Her. F.G. ~~hazy~~ C  
 8:32 d 3, 2 e

Vesta F.G. ~~hazy~~ C  
 9:10 t 4, 2 u,  
 8:45 1 w  
 clear now

2 3 e

2 1 p

2 2 o

0 2 t

t 6 u

u 2 m

q 4 n

2 3 u



June 6, 1901 cont <sup>29</sup>  
R Lyrae

9:50 d 1 var eye C  
var 0.5 e F.G.

R Cygni F.G.

9:55 var not yet visible  
clear, no moon C

R Uph. F.G. C

10:04 c 1, 3 d

R Draconis F.G.

10:08 d 2-3 var C  
var 1-2 e

10:26 S Sagittae F.G. ✓  
d 1, 2 e

10:26 x Herculis eye C  
a 3, 0 b

10:28 S Herculis F.G. ✓  
C 3, 0 d. diff. near

June 6, 1901 cont  
 & Cyhee F.S.  
 var just seen  
 10:30 @ 3 var

R. Sento F.S.  
 10:32 do, 3e hazy  
 2/3 w

Mars eye  
 & Bootis 6 Mars  
 Mars 3 & Virgo  
 Mars 4 & Leo

(26) (733)

Lead. Port Plott

June 8, 1901

Saturday  
Observatory

5544

Mars eye  
 p. 40 ~~4~~ Mars 3X Varg  
 Mars 4 X Leam.

R coronae F.L.C.  
 p. 43 c 3, 0 d

X Herulis F.L.C.  
 p. 45 d 4, 2 e

R Ophirchi F.L.C.  
 p. 48 c 4, 2 d 1

R Rysae ~~eye~~ C  
 d 1, e 0.5 F.L.C.  
 p. 50

X Plagetas F.L.C.  
 p. 52 b 3, 1 e

R Scuto F.L.C.  
 c 3, 2 d, 3 e



June 8<sup>th</sup> or Const

Vesta F.G. C

8:58  $t$  4, 2 wstar 9 for Vesta =  
supposed variable F.G. C8:59  $p$  4, 4 m

---

R Virginis F.G.

10:20 Var not seen

fainter & <sup>to</sup> magn

---

d Hercules

10:22

a 2, 0.5-6

eye C

---

d Hercules F.G.

10:25 e 2, 0 f C

---

R Draconi F.G.

10:32

b 4, 0 c

---

d Urs Maj. F.G.10:35  $p$  1, var rec. f for e  
faint but seen

R Virginis FL. 23

10:52 var seen  
f 6 var C

R Ggmi FL

11:02 ~~bo. 2~~  
g 3.0 R C

~~R Serpenti FL~~

~~11:11 C 4, d 0.5, 2 e~~

$\eta$  Aquilae

12:28 <sup>home</sup> eye  
0.5 ax. 5 b C

$\mu$  Cephei eye

12:30 C 1, 2 d

$\delta$  Cephei eye C

12:31 C 1, 2 d

(38) (771)

Led. Plott. Poste d.

June 10, '61 Monday  
 J.D. 5546 6 am.

R Coronae F.G.  
 8:30 c 3, 0 d

X Herculis F.G.C  
 8:38 d 4, 1 e

~~R Perseus C.G.~~  
~~8:44 d 3, 1 e~~

R Draconis F.G.  
 8:46 c 3 var  
 d 1 var

8:48 Mars eye

Mars 2 x Virg. C.

Mars 3 x Leo.

Susp. Var star g for Vesta  
 F.G.

8:53 ± 1 g

g 5 u

p 3 g



June 10, 1901

102

Vesta

F.G.C

9:26 t 4, 3 w

Sun Var star 9 for Vesta  
2nd lb

F.G.C

9:28 t 2, 9, 9, 5 w  
k 2-3 g

R Ophurichi F.G.C

9:30 c 2, 1 d

R Cygni

F.G.C

9:47 g 3, 0 h, 2 k

R Lyrae F.G.C

10:30 d 1 var

R Scuti

F.G.C

10:34 c 3, 0.5 d

S S'agittae

F.G.C

10:36 a 0, 3 f

June 10, 01

*T. effluvi*

11:23  $\alpha 2, 2e$   $\gamma c$

*η aquilae*  $\gamma c$

11:24  $\beta 0.5, 4c$

$\times$  *Herculis*  $\gamma c$

11:25  $\alpha 1.5, 1\delta$

Led. Plott. Posted  
(34) (205)

June 11, 1901 107

D 5547

Tuesday  
Clear

X Herculis Fly

8:50 d 3, 2 e

R Coronae Fly C

8:52 d 1, 3 e

Sink Var star 9  
for Vesta T. S. C9:07 t 1, p 4, 5<sup>u</sup> x

Vesta

Fly  
rather  
faint

9:14 x 1, 1 w

R Lyrae Fly

9:24 d 2, 2 e C

S Sagittae Fly

9:25 t 1, 2 e C

9:26 R Senti Fly C  
2 w, 1 d



June 11, '01 cont.

$\alpha$  Herculis eye C

9:42 a 2, 0.5-6

R Cygni F.G.

9:55 g 2, 1 h C

R Ophiuchi.  
Draconis F.G.

9:56 c 2 var

R Ophiuchi F.G.

9:58 b 4, c 1, 3 d C

~~R Perseus F.G.~~

~~9:52~~

~~10:20 d 3, 1 e C~~

~~am I obs. the right  
star for the variables.~~

$\alpha$  Cygni eye

10:25 d 3, 1 e F.G. C

$\gamma$  Aquilae eye

10:27 b 2, 2 c L.P.P.

10:27 62, 20 X.P.P.

June 12, 1901

109

9:55

Wednesday

R Coronae

18

9:00 d 0, 3 e

F Aurulis 18

9:02 d 2.5, 2.5 e

Star 2 for Vesta 18

9:25 42, 44, 44

9:29 S Sagittae 18

9:29 R Sento 18

9:40 R Ophi. 18

June 12, 1901  
cont.

2 Cephei eye  
9.50 d 3, 0.5 e ✓

7 Aquilae eye  
10.00 b 4, 0.5 c ✓

2 Hercules eye c  
10.20 a 2, 0.5 b

R Pyrae eye  
10.27 d 2, e 1, 1.5 f c

Ledgered

Plotted

Posted

(23) (457)



June 13, 1901

100

~~JD 5549~~ Thursday  
~~Students here~~ Observatory

9:00 *Rorona* F.G.  
 eye  
 c 3, 0.5 d

Star  $\gamma$  for *Vesta* F.G.  
 eye  
 9:04 t z, 3, 5 d

*R Lyrae*  
 9:25 d z, e 1.5 eye

*J C. hui* eye  
 9:27 c 0.5, 2 d

*S Sagittae* F.G.  
 9:44 c 2, 2 d

*R Scuto* F.G.  
 9:45 c 2.5, 1 d

June 13, 1901 cont.

9:48 X Uranus F.S.

$d = .5, .5$  e

High  
alt.

Magenta eye

10:22 c2, 1d

117 (874)

Ledgered, Plotted,  
Posted.

June 14, 1901

113

AD 5550

Friday

O'brew. Students Store

R Coronae

8:45<sup>c</sup> d 3, 1<sup>d</sup> e F.G.

recorded d for c, &amp; e for d. (June 14)

X Herculis F.G.

9:00 d 3, 2 e

Star 9 for Keston

F.G.

9:02 p 4 qq 4 u

R Lyrae

eye

9:04 d 25, 0 &amp; f

S Sagittae F.G.

9:20 d 2, 1 e

L.P.P. (10) (1884)



June 16, 1901 (Sunday)

5552

Home

9:03 Mars eye C  
 $\alpha$  Virg 1, 1  $\alpha$  Leo

R Lyrae eye C

9:04  $\delta$  1, 1 f

$\delta$  Cephei eye ✓

9:06  $\epsilon$  1, 0 f

R Penti eye C

9:07  $\alpha$  25,  $\delta$  d

$\alpha$  Herculis eye C

9:20  $\alpha$  2, 0.5 b

~~(10) (894)~~

$\gamma$  Aquilae eye C

10:05  $\alpha$  2, 2 b

~~(12) (896)~~

Led. Plot Post.

June 17, 1901

115

JDS

Monday

Clear.

*R Coronae*

9:00 c 3, d 1, 2 e

F. G. C

*X Herculis*

9:01 d 2.5, 2.5 e

F. G. C

*R Sento*

9:02 c 2, 0.5 d

F. G. C

*S Sagittae*

9:03 a 2, 0.5 b

F. G. C

*R Zygae*

9:04 d 2, e 1, 0.5 f

F. G. C

9:05

d 1.5, e 1, 1 f

eye

*R Ophiuchi*

9:07

e 2, 2 f

F. G. C

9:10

*R Cygni*

F. G. C

f 1, 3 g

close to bright star

(over)

June 17, 01 Cont.

R Draconis C

9.12 t 3, 0.5 F.S.

J Cephei F.S.

9.13 0.05, 3.2 C

M Aquilae F.S. C

9.14 t 1, 3.2

2 Hercules eye C

9.16 0.2, 0.56

Star 2 for Kenta F.S.

9.32 t 2, 4.2 C

Dolent. too uncertain for  
an est. of Kenta

R Corvi F.S.

9.47 0.3, 0.54 C

Mars eye C

9.55 Spica 0.5-Mars



June 17, 1901 "17  
cont.

~~R Perseus~~

~~10:06. if var is correctly  
ident~~

~~23, 0.52, 4 f<sup>c</sup>~~

(35-) (9 3 1)

Led. Plot. Post.

June 18, 1901.

(Tuesday)

Observatory

J.D. 5554

Star g for Vesta F.G.

9:00 t 0-1 gp 3 gg 5 m

---

Vesta F.G.9:05 y 3.5, g 2 F C  
faint diff.

---

X Herculis F.G. C

9:08 d 2.5, 3 e

---

S Sagittae F.G. C

9:15 a 0, g 1 b

---

~~I Cephei F.G.~~9:16 ~~e 2.5~~

---

magillae F.G. C

9:18 b 3, 1 e

June 18, 1901 cont "9  
R Scuti

9:20 c 1-5, 1 d

FLY C

9:42 2 Cyhei  
0.5 c, 3 d

FLY C

Notes on Prev. 6th of  
R Scutis?

I have not been observing  
the variable but a star  
near it in R.A. 15, 45, 18<sup>h</sup> 45<sup>m</sup>  
Dec.  $+15^{\circ} 41'$  (1855).

9:45 R Draconis  
~~c 1-5~~ c 3, 0 c

FLY C

9:48 R Corvi  
c 2, 2 d

FLY C

Led. Plott. Pet.

19 est. (950) - 10 rejected =  
(940)



June 19, 1901 Wednesday  
 5555 Observatory

S Sagittae F.L.C.  
 8:40 to 0.5, 3 c tri

9:30 R Pyrae F.L.C.  
~~2.4/3~~ d 2, 5 ~~same~~  
 0.5 f

I Herculis F.L.C.  
 9:25 var 2 c  
 d quite red.

R Coronae F.L.C.  
 9:27 d 2, 4 c

S Sagittae F.L.C.  
 2 nd cl

9:29 to 0.5, 3 c

9:45 Clouds

(10) (950)  
 Lsd. Plott. Post.

June 20, 1881 121  
JD 3556 Thursday  
Observatory

7.00 Cloudy

all evening to 9 p.m.  
at least

clearer 9.30

cloudy 11.20

June 21, 1901.

JD 5557

Saturday  
~~Observation~~

7.00 Cloudy

8.00 Clearer

R Coronae F.L.

8.42 d 0.5, 4.5 e

X Herculis F.L.

8.43 var 2-3 e

S Sagittae F.L.

8.48 a +.5, 2.5 d

R Scuto F.L.

9.40 c 2.5, 0.5 d

S Afher F.L.

9.41 d 1.5, 2.5 e

9.42 R Draconis F.L.

C 0.5 var

9.43 R Ophiuchi F.L.  
var 2 < f. different



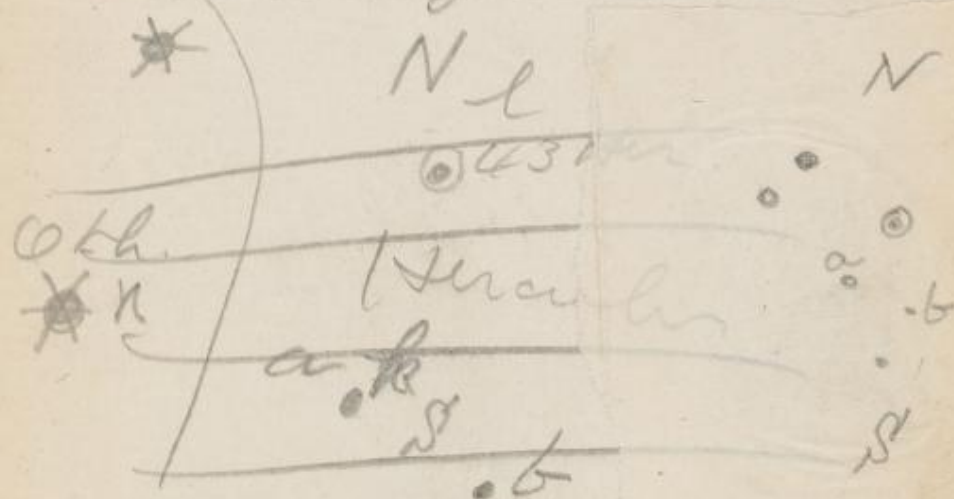
9:43 var 2 &lt; f. different

June 21, '01 cont  
X Herculis eye (23)

9:48 d a 3, 6 0.5

9:50 R Lyrae eye  
d 2, 1 f10:30  $\eta$  Aquilae eye  
a 1.5, 15 d

43 Herculis Fly

11:07 a 3.5, 3.5 b C.  
see diag below

(9)(969)

Led. Plott. Posted.

June 22, 1901

Sat.

Observatory

J.D. 5558

cloudy 7 AM

125-

June 24, 01  
 22.5560      12.00  
 Obs

---

~~Obs~~  
 7.00 cloudy



June 25, 1901

DD 5561

Tuesday  
Observatory

X Her: F.S.

9:00 d 2, 3 e alt. high.

R Coronae F.S.C

9:01 d 1, 4 e

S Sagittae F.S.C

9:04 b 2, 1 e

R Serpenti F.S.C

9:05 c 2.5, 0 d

M Aquilae F.S.C

9:08 a 3, 0 b

R Lyrae F.S.C

9:10 d 2, 1 f

S Cephe F.S.C

9:12 d 1, 3 e

June 25, is cond. <sup>(27)</sup>

R Draco.

9:14 c 3 var F-8  
C

---

43 Herculis F see p. 123

9:22 a 5, 3 b

---

2 Herculis C  
9:25 a 2, 6 0 5 eye

---

Led. Plott. Post.

(19) (988)

June 26, 1901 Wed.  
 ID. 5562 Observatory

Rather cloudy 7:00

Clearer 9:00

9:15 *M Aquilae* <sup>m</sup> F & G  
 b 3, 1 c thin haze

9:17 *R Scuti* <sup>m</sup> thin haze  
 d 1, 3 d F & G

9:19 *S Cassi* <sup>m</sup> F & G  
 d 3, 1 c thin haze

9:20 *S Sagittae* <sup>m</sup> F & G  
 a 1, 1 b thin haze

9:36 *R Coronae* <sup>m</sup> F & G  
 d 1, 4.5 c high

9:44 *R Cygni* <sup>m</sup> F & G  
 e 4, 0 f diff.



June 26, 1901 (cont) 29  
 R Daacornis

9:45 C 3 var F.S. ✓  
 moon

L.P.P.

(13) (1001)



June 27, 1901

Thurs.

JD 5563

Obsrv.

Mars eye

8:30 Mars 1 specia c

Mars 2 & Leo  
m. trans.

X Herculis F.G. c

8:45 d 2, 3 e light  
m

R Scuto F.G. c

9:05 a 3, d 1, 3 e m

S Sagittae F.G. c

9:06 a 2, 0.5 b m

η Aquilae F.G. c

9:07 c 2, 1 d m

δ Cephei F.G. c

9:20 d 0.5, 4 e <sup>3.5</sup>  
10:30 m13 (1014) L. Plot  
Post.

13 (1014) L. Plott  
Post.

June 28, 1901

131

SD 5564

Friday  
Observed

partly cloudy 7.30

9:25 S Sagittas F.G.  
b 1, 2 c m  
large?9:27 J Cephei F.G.  
d 2, 2 e m9:29 R Pyrae F.G.  
d 2 var m9:30 M Aquilae V.F.G.  
b 2, 2 c m.  
rec. from mem. forgot to rec.

(7)(1021)

Led. Plott

Post



June 29, 1901

Saturday  
Clear

1255-65

Mars eye m

8.38 Spica 1 m

S Sagittae F.G. C

8.52 63, 1, e m

Majunga m

8.53 63, 0.5 e F.G.  
newcomer

R Scuti F.G. m

8.55 d 0.5, 3.5 e

S Apheri. F.G. C

9.15 62, 0.9, 2 d m

R Coronae F.G.

9.00 d 1, 4 e m

L P P.

421033

June 30<sup>th</sup> 1901  
 JD 5566 Sunday  
 Home

9:30 *Deflei* eye  
 do. 5, 3.5 m

9:35 *Agribe* eye  
 a 2, 3 b m

*R. Lyrae* eye  
 9:40 c 3, 1.0 d m

*R. Sarti* eye  
 9:45 c 3 nar

(7) (1060)

Orig. Obs.  
 L.C.

L. P. B.

July 1, 1901 (Monday)

5567

Observatory

7.00 Cloudy

10:00

Too much haze, strong  
moonlight, and obs.  
headaches too much  
to do any observing to  
night



July 2, 01 Tues  
66

135

---

7:30 cloudy

8:05 still cloudy

~~8:15~~

July 3, '01 - Wed.  
5569 Ocr

cloudy 7:30

R Ceronae F. L

8:55 var 3 e high

~~X Her~~ ~~F. L.~~

8:56 d 2.5, 3 e <sup>✓</sup> high

~~S. Paget~~ ✓

R Lyrae F. L.

9:45 var 1 d low

4 (over)

L. P. P.

July 5, 01. Friday 1901  
D. 5571 Observed

---

7.00 cloudy

7.30 ..

8.48 ..



July 2, 61 - Mon.  
 22.5574 6 hours

---

cloudy 7:00  
 " 8:00  
 " 9:00  
 " 9:40

---

July 19, 1901 (Wednesday) <sup>(39)</sup>  
 D-5576 Obsv.

8:17 Main eye ✓  
 \* Spica 3-4 hairs  
 R Lyrae eye ✓

8:24 C 2, 2.5d

8:58 R Coronae Fils.  
 d 2, 3-e ✓

9:02 R Wph. Fils.

not seen ✓

f. n

9:04 S Sagittae Fils.  
 C 3.5, od ✓

9:08 R Pauri Fils.  
 e 2, 2f  
 close near look up region

July 10, 1901.

X Herculis

9.00 d 5 var ✓ F 3

clds. near

---

9.15 cloudy

---

(9)(1053)



July 12, 1901 141

D. 5578 Friday  
Overt.

Mars. eye ✓

8:30 2 Vir 4, 3 B Leonis

S Virgins F.G.

8:35 region identified  
g susp. but var not certainly  
seen. 2 0 28:40 Rorocae F.G. ✓  
~~d 3 3 2~~ high~~a 4, 0 0, 3 0~~

R Cygni. F.G.

8:45 var just seen ✓  
2 2 var ft9:00 S Perseus F.G. ✓  
d 3 d 1

p Draconis F.G.

9:30 e 3, 3 f

July 12, 1901.

9.40 R Penta. Fly  
e, 4f ✓

S Sagittae Fly  
9.42 a 2.5, 0.56

X Cygni. Fly  
10.12 B in  
H 3.5 30  
~~man too far off.~~ ✓

T Aquarii Fly  
10.56 var not seen.  
g 1 n

$\eta$  Aquilae Fly  
10.58 c 1, 3 d

July 12, 1901

123

11:08  $\Delta$  Herculis F. 8.

d 4, e 1, 3 f, ✓

 $\Delta$  Herculis11:10 b 1, 4 c <sup>to</sup> eye ✓

Nova Persei

H 45

F. 8

11:25 ~~(2)~~ 4 Nova ✓

Nova 3 (1+2)

low obs.  $\frac{1}{2}$  w

(2) (1080)

Led. Post Plott.



July 13, 1991

(Saturday)

~~Observations~~

clouds rather numerous

clear 9 PM

R Coronae F.G.C

9:14 a 2.5, 0.56

R Serpentis

9:16 var = 11 f F.G. ✓

\* H<sub>2</sub>O \*

R Scuto. F.G.

9:55 e 3, 1 f ✓

X Cygni F.G.

10:00 m 1, 30

10:03 R Lyrae eyes  
C 3, 1 d

10:03 c 3, 1 d

July 13, 1901

145

R. Inarous

F.L.

10:06

var 1 l

var 3 f

N. Aguilar eye

10:08

b 2.5 1 c

✓

S. Sagittae F.L.

10:10

a 0, 2. b

✓

Nova Persei F.L.

11:30

b 2, 1 c, 3 d

✓

N. Persei F.L. ✓

11:32

5 5, 3 v, 2 c

36 Persei F.L. ✓

11:35

3, 1-2 30 Per

C

July 13, 1901 ✓

X Hercules F. 2

11.41

d. 22. 1/2 w

25 - (~~1105~~)  
1105

Led. Plott. Poted.



July 14, 1901. Sunday <sup>14</sup>  
 Id. 5580. hour.

9:00 27 Aquilae eye.  
 a 1 36 ✓

11:18 a 1<sup>st</sup> magn. meteor  
 with trail shot from zenith  
 north of Mr. Maj. & burst  
 3 seconds before disappearance

2 ed. Plott Post  
 copied from original  
 paper.

2 (~~1087~~)  
 1107

July 15, 1901  
 Monday  
 Observatory

R Coronae F.G.

8:50 b 0.5, 1.5 e ✓

R Serpentis F.G. ✓

8:56 f 2 var

R Scuti F.G. ✓

8:57 e 3, 1 f

8:59 R Lynce F.G.

c 2, 2 d ✓

σ Sagittae F.G. ✓

9:20 b 3, 0 e

W Aquilae F.G. ✓

9:22 a 4, 0 b

July 15, 1901. 189

X Cygni. 9:26 ✓

9:26 l 3, 0 m F. G.

X Herculis H. G.

11:00 do, 3 e

R Camelopard. F. G. ✓

11:27 b 2 var  
Est 8.0

X Persei eye ✓

11:50 J 7, 2 e

Rec from Memory July 15 21:40

(18) (11 & 3)

Led. Plott. Post.



July 16, 1901.

Tuesday  
6 Green

(5582)

R Coronae F.G. ✓

9:25 b 3, 0 e hazy

S Sagittae

9:27 c 2, 2 d F.G. ✓  
hazy

S Sagittae

9:28 b 1, 3 e F.G. ✓  
hazy

R Saut.

9:29 e 3, 0 f F.G.  
Hazy ✓

R Perseus F.G.

9:30 var. f Hazy ✓

X Cygni F.G.

9:32 b 3, 0 m clear here

X Herculis F.G.

11:15 d 2, 2 e

July 16, 1901 151

11:20 R Agui. FLY ✓  
 Var not seen  
 < 8.0

---

11:27 M Persei. FLY ✓  
 7.2 L. hazy

---

(15) (11 <sup>4</sup>/<sub>5</sub>)

Lead. Plot. Post.

July 17, 1901

Wed.

D. 5583

O. 6250.

7:00 cloudy

7:30 slightly thinner

9:30 all cloudy



July 18/1901 Thurs.  
Observed.

22.5584

7:00 cloudy

7:20 thinner -

8:06 clouds thick.

July 19, 1901

Friday

5585

Coburn

7:30 cloudy

8:00 ..

*R coronae* F.V. ✓

8:42 b 2, 2 c

*R Perseus* F.V. ✓

8:44 var 3 f

*S Sagittae* F.V. ✓

9:14 c 3, 1 d

*R Perseus* F.V. ✓

9:15 f 1, 3 g

*S Sagittae* F.V. ✓

9:17 c 1, 3 d

*X Cygni* F.V. ✓

9:34 h 2, 3 l

July 19, 1901

942 St Perseus ✓  
 c 2, 3 d F.G.

2 Her. eye ✓  
 10:07 b 2, 3 c

R Lynce eye ✓  
 10:08 c 2, 25 d

St Regasi F.G. ✓  
 10:50 N.S.  
 d 2 N.S.

R Camelopard. ✓  
 11:20 ~~var~~ F.G.V  
 a 5, 1 b

2 Ursula F.G. ✓  
 11:22 d 4, 20

R Draco F.G. ✓  
 11:24 f var 3 f



July 19, 1901

R Aquilae F.S.

11:26 Var misp but  
not surely seen

---

R Cassiof. F.S.

11:29 if region is surely  
ident and firmly believe  
it is

est =  
 $h_2, z k$

---

11:35 cloudy near 2000

(25) (11<sup>6</sup>5)

Posted Led Plott.

July 20, 1901

J D 5586 Saturday  
Obs.

R Coronae

9:30 6 2, 2 e F G ✓

R Serpentis

9:32 <sup>d 3</sup> ~~at~~ e 0, 4 f F G ✓

S Serpentis

9:34 c 2, 3 d F G.

S Virginis F G

9:36 not certainly  
seen.

R Penti

9:38 f 2, 4 g F G.

S Sagittae

9:40 b 3, 0 c F G.

M Aquilae

9:42 b 2, 2 c F G.

July 20, 1901

X Cygni. F.G.

9.45 h 4, 2 l ✓

RCassiope F.G.

10:00 h 4, 0.5 h

surely identified

Nova Persei ✓ F.G.

11:15 b 2, 0 c, 3 d low

F36 Persei F.G.

11:45 l 3, 3 (30)

X Persei F.G.

11:47 d 7, 3 l, 2 v

(25) (11, 10)

Led. Plott. Post.



July 22, 1901 Monday

J.D. 5588

Observatory

P. 1/2 Mars egg

Mars 3.5 B Leonis

m.

~~P.D.~~ R Lyrae eye ✓

P. 20 C 3, 1 d

R Coronae Felt ✓

P. 40 b 2, 2 c

R Serpentis 1-8 ✓

P. 42 c 2, 3 f

P. 50 R Serpentis Felt ✓  
C 3 var m.P. 46 R S'auto Felt ✓  
f 3, 1 gP. 47 S' Sagittae Felt ✓  
a 2, 0.5 b

July 23, 1901

F.S.

7 Aquila

8:50

a 25, 1 b

✓

X Cygni.

F.S.

8:55

g 3, 1 h, 4 k

✓

R Cassiope

F.S.

8:58

h 4, 0 k.

Faint.

haze approaching.

R Draconis

9:30

~~h~~ 2

var 2 b

F.S. ✓

Ursa Per Per.

12:17

b 2, 1 c

✓

12:18 H Per

F.S.

7 2 L

✓

12:19 F 36 Per.

c 4, 2 (3+)

F.S. ✓

July 22, 1901

K Persei. 2nd 66.

13:00

K 3 L

K 2 v

~~eye~~

eye

copied from memory

(28) . (1218)  
(1198)

L. ed. Post. Plot



July 23, 1901

JD. 5589 Tuesday  
Orew.

7:00 cloudy

7:30 " "

9:30 " "

10:30 clearer, but still  
sick with cramps

11:40 shy clear

X Cygni ✓

Feb.

11:46 g 2, 1-h

R coronae Feb. ✓

11:47 b 1, 2 c

11:49 R Cassiope - Feb. ✓  
h 3, 1-h

July 23, 1901.

Mora Rev.

1224

62, 1 e

F

N Rev. F

1225

7, 3 L, 22

1225 F-36 Rev.

L 3, 3 (20)

13:00 M Aquilae <sup>home</sup> eye  
 62, 2 e  
 copied from memory.

(15) (12 <sup>3</sup> 3)

Led. Port. Plott.

July 24/1901

(Wednesday)

8.55-90

at crew.

7 cloudy

7.30

8.50 cloudy

9.30 clds thick



July 24/1901 L.P.P.

JD 5591

Thursday  
Observatory

7:30 rather cloudy

8:30 clearer

8:37  $\chi$  Cygni F. G. m  
f 5, g a. v, 3 h haze?

8:38  $\nu$  Sagittae F. G. m  
c 3, o d haze?

8:39  $\eta$  Aquilae F. G. m  
c o, 4 d haze?

8:40 R. S. Antares  
f 1, 4 g T. G. haze?

8:52 R. Perseus f. G. m  
var = e  $\frac{1}{2} \times 3$  whose

~~8:53~~ coronae  $\checkmark$  F. G. haze  
b 3 var ~~haze~~  
var, c (12) (1240)

July 26, 1901  
 Friday  
 D. 5592 Obert

R Coronae t. g.  
m  
 p. 50 b 3, 1 e but good.

R Serpente F. g.  
m  
 p. 52 d 1, 3 e but good.

X Cygni F. g.  
m  
 p. 53 f 2.5, 2 g

p. 54 S. Sagittae F. g.  
m  
 c 3, 1 d

R Scuti F. g.  
m  
 p. 55 e 3, 1 f

η Aquilae F. g.  
m  
 p. 57 b 3, 2 e

July 26 1901

F.Y.

8.58 R Lyrae

d m

var 0.5

recorded &amp; bord.

12:13 Nova Per Fly  
62, 10

12:14 N Per Fly  
34, 34

F. 36 Per Fly  
12:15 (14, 1.5 (30))

(19) (1264)

Lead. Plott. Post.



July 27, 1901 Sat.

J.D. 5573 Observatory

7.30 rather cloudy

X Cygni

F.G. ✓

8.46 b 5, 1g

m

S Sagittae F.G. ✓

8.47 α 2.5, 2 d m

R Coronae

F.G. ✓

9.53

b 3, 0.5 c

m

R Serpente

F.G. ✓

9.54

α 3, 3 e

m  $\frac{3}{4}$  h

η Aquilae

F.G.

~~9.55~~~~b 0.5, 3 c~~m  $\frac{4}{5}$  ✓

10.06

b 1.5, 2 c

best clearer

~~9.56~~

R Scuti

F.G.

10.08

e 2, 2 f

m  $\frac{1}{2}$  ✓

clearer

July 27, 1901

Sky rather cloudy during  
most of the evening.

---

(12) (1276)

Led. Plott. Post.

July 30, 1901

Tuesday

O'Brien.

DD 5596

9:20 X Cygni F.S. ✓  
 fa. 59 m

Note: - Sky rather  
 cloudy during evening  
 moon very full, and  
 fog rather dense at 10 P.M.

(2) (1278)

Led. Plott post

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July 31, 1901

(Wednesday)

J.D. 5597

Observatory

rather cloudy 7:30

sky all cloudy 8:30

" " " 9:30

" " " 10:00

Aug. 1, 1901 Thursday

5598

Home L.P.

Nova Per. F.L.

10.50

nova 5 H2

low

F 36 Per. F.L.

10.52

(6) 5.5, 0 (30)

✓

$\pi$  Per. F.L.

10.54

58, 36, 32

✓

$\pi$  Cygni. F.L.

10.58

e 3, 2.5 f

✓

R Scuti F.L.

11.07

e 0, 4 f

m

✓

$\eta$  Aquilae F.L.

11.20

t 0.5, 30

m

✓

~~5<sup>th</sup> Aug 1, 1901. cont.~~  
~~Friday~~

~~SBagittae~~

11:22

~~a 2.5, 3.6~~

~~F.G. ✓~~  
~~m~~

Howe Pu 2nd Ob.

11:25

b 1.5, 1.5c

F.G. ✓

(1/6) (1294)



Aug. 2, 1901 Friday  
house.

8:25-599

Mars. eye L.P.

8:30 2 Vis <sup>3</sup> 1, 5 / 3 ~~tegris~~

Mars very red, 2 Vis white,  
3 Leonis not so white, and  
est. difficult but Mars  
surely brighter than last  
time it was observed by  
me. Rejct not sure of date.

R Satto F.G. ✓

8:35 20, 4 f

~~S Sagittae F.G.~~

~~8:36 a 2, 2 & c~~

~~(c 16 p 3 d F.G.)~~

~~is variable.~~

R Coronae F.G. ✓

8:40 6 3, 1 c

Aug 2, 1901 cont.

8.51 R Serpens F.G. ✓  
d 1, 4 e8.53 X Cygni F.S. ✓  
e 2, 3 f8.58 R Lyrae F.S. ✓  
c 0, 1 d8.50  $\gamma$  Aquilae F.S. ✓  
b 1, 3 c~~9.40  $\rho$  Sagittae F.S. good obs  
a 2, 2 b, 4 c~~

(15) (1309)

Aug 4, 1901 Sunday  
Home

9:25 Revera F.S. ✓  
6 1 3 A

9:26 Resolute F.S. ✓  
A 2 3 E

9:27 Resolute F.S. ✓  
A 2 3 A

9:28 Regum F.S. ✓  
A 2 0 5 f

van 5 f reg

9:29 S. agatha F.S. ✓  
A 4 0 A

9:30 Resolute F.S. ✓  
A 0 4 f

9:31 Regum F.S. ✓  
A 1 0 2



Aug 4, 1901 cont

$\eta$  Aquilus. F.S. ✓

9:32 a 2, 2 b

$\chi$  Herculis F.S. ✓

9:34 g o

$\alpha$  Herculis eye ✓

9:35 a 3, 0 b

9:38 R Cassiope F.S. ✓  
h 2 var  
var 2 h.

R Draconis F.S. ✓  
9:48 var not seen ✓  
too faint

$\tau$  Herculis F.S. ✓  
9:52 e 3 var ✓  
faint to est

10:58 Nova Persei. F.S. ✓  
6 3 4 g  
10:59 N Per. F.S. ✓  
2 6, 4 c

Aug. 4 1901 cont.

36 Persei. F.L. ✓

10.58 64, 2 (30)

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1447 Per. F.L.

11.00 64, 3 (1445) ✓

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(31) (1340)

This book all  
 Ledgered  
 Plotted  
 Ported

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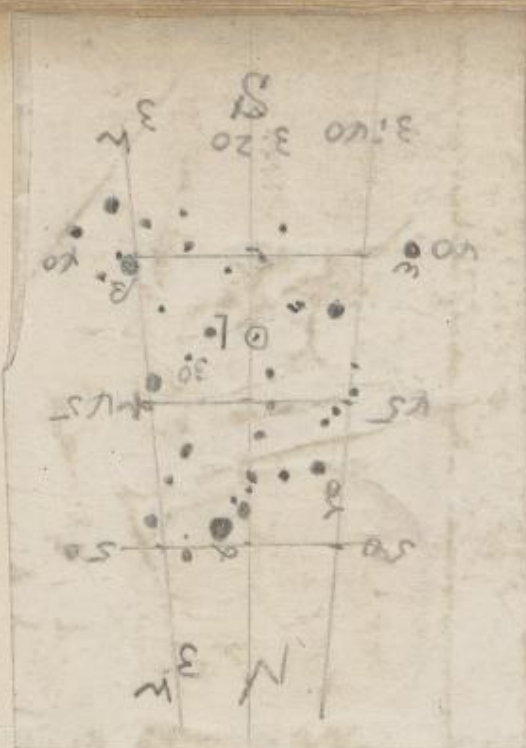






KG 11365.778

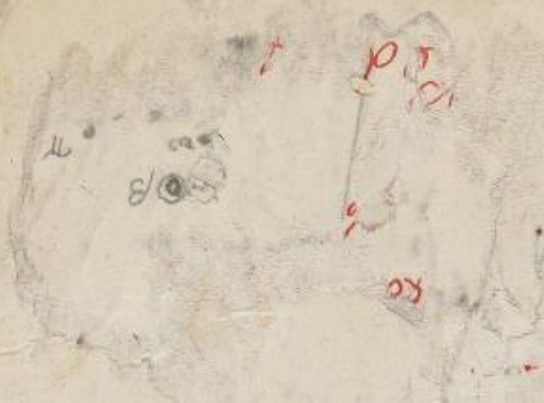




a	5.38
b	5.64
c	5.86
d	6.09
e	6.26
f	6.30
g	6.33
h	6.91
i	7.25



Notes  
Dec. Feb 21, 1901.



1067	1
2673	2
609	3
706	4
255	5
289	6
	7
	8
	9
	10

KG 11365 1178



