KG
11365
757

KG11365.757

1905phae.proj..758O

KG 11365.757

HARVARD
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Mar. 29, 1900

See prev. book for other observations of tonight.

Eunomia

9 04
9 05
9 4.5 .586

f 1, 4 a
g 1, 4 h

8
8
9
9
8.5

9 20
9 21
9 22
9 23
9 21.5 .598

n 4, 4 a
b 4, e 1
g 0, 5 h
d 5, 0 f

9
8
9
9
8
8
7
7
8.1

9 43
9 44
9 45
9 46
9 44.5 .614

ast 3 a
e 2, 5 c
g 2, 3 h
f 3, 3 a

9
10
11
10
10
10
9
7)69.60
9.9

10 00
10 01
10 0.5 .626

a 0, 4 c
e 4, 0 ~~g~~ h

12
12
12
13
4)49
12.2

10 12
10 14
10 13 .634

f 4, a ~~b~~ 1, 4 c
e 3, 1 ~~g~~ h

11
13
12
12
12
12.0

10 24
10 25
10 26
10 25 .642

14
13
11
13
11
5)62
12.4

a 2, 3 c
f 4, 0 h
e 3 aster

sky slightly hazy in this region

over

Mar. 29, 1905

Eunomia

10 44 — e 2, f 2, 1 a — 10
10 45 — g 3, 2 h — 9
10 44.5 — .656 — 11
11
11
10.4

11 03 — d 4, 3 a — 6
11 04 — b 2, 2 e — 9
11 05 — f 3, g 3, 3 h — 7
11 04 — .669 — 6
10
11
10
7)61.0
8.7

11 20 — d 4, 4 a — 6
11 21 — b 2, 3 e — 8
11 20.5 — .681 — 7
5
4)26
6.5

Sky to poor to continue further.

11 30 Haze quite apparent during the past 40 m. but great care exercised & obs. consid. good.

~~(90) (1157)~~
143
(17) (1084)
(143)

Mar 31, 1905 . Friday
L.C.-Obs

Eunomia

7 03
7 06 .503
7 04.5

f 4, 0 a
e 2, 1 h

11
12
10
12
4 | 45
11.2

7 19
7 20
~~7 21~~
7 20 .514

f 5, 0 a
e 3, 4 h
g 3, 4 c

12
12
11
12
11
12
6 | 70
11.7

34.5
35
7 36 .524
7 35.2

f 3, 1 a
g 3, 1 h
e 2, 4 c

10
11
11
12
10
12
6 | 6
11.0

32 Cassiop

~~b c~~ 4 Var
a 2 var
var 3 c

5.97
5.76
5.67
240
5.80

7 60 .528

Eunomia

~~7 48~~
7 49
7 50 .534
7 49

f 2, 2 a
g 3, 2 h
e 2, 5 c

9
10
11
11
10
11
6 | 3
10.5

~~8 00~~
~~8 01~~
8 0.5 .542

f 1, 3 a
e 0, g 2, 3 h

8
9
8
10
10
5 | 45
9.0

Mar. 31, 1905.

32 Cassiop.

8 03 .544 b4, a2, 3 c

8 37 .567 b4, a3, 2 c

5.99
5.86
5.77
5.87

5.99
5.76
5.67
5.81

9 20 .597 5.87 b4, a3, 2 c

Eunomia

8 18
8 19
8 18.5 .554

f1, 3a
be2, g3, 2h

8
9
10
11
5 | 49.0
9.8

8 35
8 36
8 35.5 .566

f0, 4a
be1, 3h

7
8
9
10
4 | 34
8.5

8 55
8 56
8 55.5 .580

f0, 5a
b3, 0e
g2, 3h

7
7
8
8
10
10
6 | 50
8.3

9 10
9 11
9 12
9 11.0 .591

f0, 5a
b3, 1e
g1, 3h

7
7
8
7
9
10
6 | 48
8.0

Mar. 31, 1905

032043 Y Persei

8 30 α 4 α' 3 β 3 β' 3 γ' 4 γ 3 δ

γ' 3 Var 2 γ ~~3 δ~~ 10.5

Clouds in South & East

502836 W Aurigae

a 6 b 2 c 5 $\overset{\beta}{\cancel{\alpha}}$ 3 $\overset{\alpha}{\cancel{\beta}}$ 3 $\overset{d}{\cancel{\delta}}$ 4 $\overset{d}{\cancel{\delta}}$ 3'

8 00 β' 5 γ 4 δ 3 ε 6 ζ

var 2 ζ

ε 4 var

12th

Var barely seen.

Make chart for R R Hyd

-094023

9 20 Clouds

10 15 Too Cloudy to continue

over

Mar. 31, 1905

Eunomia

10 23 f 3, 2 a 10

10 24 .642 e 2, g 3, 1 h 10

10 23.5 gap in clouds 10

Clear here 11

12

5)53

10.6

10 36 f 4, 0 a 11

10 36.5 .650 e 3, g ~~2~~ 3, 0 h 12

10. 36 2 clouds about 11

11

13

5)58

11.6

Clouds again

clearer

clear

10 38 f 5, 0 a 12

10 38.5 e 3, g 4 0 h 12

10 38.2 .651 gap ~~in~~ clouds 11

12

13

12.0

10 45 Too Cloudy; will quit

(18) (1102)

(143)

Apr. 1, 1905 – (Saturday)

L. C. Obs.

Eunomia. 5"

7 04
7.04 .503 f 2, 1 a
e 3, 0 h } 10.2

7 26
7 27
7 28
7.27 .519 a 1, 4 c
f 3, 1 h
e 3, g 3 } 11.5

7 46.5
7 47
7 46.8 .533 a 0, 4 c
f 4, e 4 } 11.8

8 04
8 04.5
8 4.2 .544 f 3, 2 a
e 3, 2 h } 10.5

8 26 .560 f 2, 3 a, e 2, 3 h 9.5
8 46 .574 d 4, f 2, 3 a, e 2, 3 h, g 2 9.0
9 08 .589 d 3, 4 a, f 0, e 0, g 0, 4 h 7.3

*

9 26 .601 d 2, 5 a, 1 f, 0 e, g 0, 4 h 7.0
9 44 .614 d 3, 4 a, 0 f, 1 e, g 0, 3 h ~~6.~~ 7.5
10 02 .626 d 3, 3 a, f 1, 0 e, g 1, 3 h 8.2
10 30 .646 d 5 f 2, 2 a, e 2, g 3, 2 h 9.7
10 44 .656 f 4, 0 a, e 4, g 4, 0 h 12.0
10 59 .666 f 4, a 1, 4 c, e 4, h ✓ 12.4

(over)

Apr. 1, 1905

32 Cas e of H.D.

7 30	.521	a 3, b 4, 2 c, ~~d 4~~	~~5.78~~ 5.87
8 17	.553	a 4, b 5, 1 c	5.96
8 34	.565	a 4, ~~t~~ 2 c, b 5, ~~d 6~~	5.94
~~8~~ 9 05	.587	a 3, b 4, 2 c, ~~d 6~~	5.87
9 ~~28~~	.603	a 4, 2 c, f 5	5.94
10 04	.628	a 4, 2 c b 4, ~~d 6~~	5.91
10 32	.647	a 4 b 4, 2 c, ~~d~~	5.91
10 58	.665	a 4, b 4, 2 c	5.91

Vesta H.D.

~~8 09 ε 3, 3 a~~

8 18	.558	α' 4, 2 ε, 4 a, 3 f', 0 b	6.19
8 36	.567	3 ε, 4 f', 5 a, 2 b, α' 4	6.05
9 03	.585	α' 5, 1 ε 3 f' 4 a 1 b	6.21
9 24	.600	α' 5, 2 ε, 4 f' 4 a, 2 b	6.15
9 46	.615	ε 0, 3 f' 3 a, 0 b	6.26
10 ~~9~~ 06	.629	ε 1, 2 f', 3 a, 0 b, α' 5	6.32
10 38	.651	2 ε, 3 f', 3 a, 2 b, α' 4	6.18
10 56	.664	α' 4, 2 ε, 4 f' 4 a, 2 b	6.13
11 23	.683	α' 4, 2 ε, 4 f, 3 a, 2 b	6.15

April 1, 1905

094023 RR Hydrae 5"

a 6 a' 3 a" 6 c 3 b' 4 b 4 d 6 d' 3 e
e 5 e' 5 ~~f~~ g 2 f 3 h 6 k

~~8 7 50 f h 3 var 4 k~~
7 52 f 2, 2 h 11.0

γ Persei

α 4 α' 3 β 4 β' 3 γ' 5 γ 5 δ
8 32 γ 2 var 2 δ 10.0

W Aurigae

9 22 a 3 a' 5 b 3 e 4 c' 4 β 2 α
α 3 d 3 β' 6 γ 5 δ 3 ε 7 ζ
ε 4 var 2 ζ 12

10 15 043274 X Camelop
c 4 b 3 d ; β 4 δ 3 ε 6 ζ
γ 3 var 4 β 10
δ ε ε

April, 1, 1905

V Camelop. 5"

10 27 α^1 4 α^2 6 β 4 α
ε 4 η 2 ζ 4 θ

R Hydrae eye

10 40 f 2, 4 g 4.61 4.29 4.45

T Herc. 5"

10 42 f 3, 2 g 8.40 8.19 8.30

U Herc 5"

10 54 f 5, 0 g 7.68 7.39 7.54

10 55 n 2 o 5 p 8.81 8.79 8.80

Eunomia cont.

11 20 .681 e 3, g 2, 2 h, f 3, 1 a 10.6

11 44 .697 e 1, g 2, 3 h f 2, 3 a, d+4 8.8

11 59 .708 f 2, 3 a, e 1 9.0 + Cly

32 Cassiop.

11 24 a 4, b 4, 2 c 5.91

1905phae.proj..758O

April 1, 1905

R Cygni

11 31 10.62 / 10.63 / 10.62 p 6, 3 r 10.6

RT Cygni

11 32 B 4, 1 f 11.5

TU Cygni

11 33 B 5 n <12

U Cygni

11 37 10.46 / 10.49 / 10.48 n 3, 0 o 10.5

Z Cygni 5"

11 40 var 5 k = 9.14

SV Cygni

Of Var is ~~seen~~ Est

11 51 l 5 var 11.86

(47) (1149)

(1) (144)

Mon. April 3, 1905
L. C. Ob.

7 00 Sky rather hazy & cloudy.

8 00 Too hazy

8 50 Too poor to observe.

Thurs. Apr. 6. 1905
L. C. Ob.

Eunomia 5"

10 37	.651	k4, 2f, g0, 5h	6.8
10 55	.663	k4, 1f, 1g, b2, 1e	6.6
11 14	.676	f1, k5, g1, 3h	8.5
11 43	.697	1f, k5, g2, 2h	8.5

will quit on Eunomia. Region getting too low

Vesta [illegible]

1041	.653	c3, 3ε, 3a, 1b	6.08
11 03	.669	c3, 3ε, 4a, 2b	6.04
11 27	.685	c4, 2ε, 3a, 1b	6.14
11 45	.698	c3, 3ε, 2a, 2b	6.09
12 16	.719	c3, 3ε, 2a, 1b	6.12
12 33	.731	c3, 2ε, 1a, 0b	6.18
12 51	.744	c3, 3ε 2a 1b	6.12
13 38	.776	c4, 2ε, 1a, 0b	6.21
1409	.798	c4, 2ε, 1a, b1	6.24

April 6, 1905.

32 Cassiop ~~RZ~~

10 43	.655	a4, b4, 2c	5.91
11 04	.669	a4, b4, 2c	5.91
11 28	.686	a4, b4 3c	5.87
12 15	.719	a4, b4, 2c	5.91
12 50	.743	a4, b4, 3c	5.87
13 39	~~.799~~ .777	a4, b3, 2c	5.87
~~14 09~~ 14.10	.799	a4 b3, 2c	5.87

Apr. 6, 1905.

133324 R Hydrae eye
1053 e 2, 3 f 4.21
3.92
8.13
4.06

160110 S Serpentis 5"
1102 10.0 h 5, 0 k, 6 l photos chart & Notation

165631 RV Herc. 5"
1112 α 5 N

175654 V Draco 5"
1125 α 3 N

171723 RS Herc. 5"
1213 f 4, 2 g 10.0

160625 RU Herc
1228 α 3 Var 1.1.8th

170627 RT Herc
1232 β 5 N <12.0

April 6, 1905

175458 T Draco 5"

12 40 h2,3l 10.5 ~~th~~

12 48 184136 W Lyrae

c4,1d 10 th

194632 χ Cygni Est 8.7

12 56 t0,3u $\frac{8.68 \; 8.71}{8.70}$

13 00 200938 RS Cygni 5"

h2,3k $\frac{8.48 \; 8.28}{8.38}$ ~~Est 8.4~~

202539 RW Cygni 5"

13 04 e2,3f 9.2

1347 150018 RT Librae 5"

h7 Var 11.7

13 50 150519 T Librae 5"

e3,3f $\frac{11.34 \; 11.24}{11.29}$ Est 11.3

151520 S Librae

13 55 $\frac{10.83 \; 10.80}{10.82}$ 05,0p Est 10.9

April 6, 1905

Hazy in East

5-"

13 58 151822 RS Librae

f 2, 2 g 11.0

14 02 152714 RU Librae 5-"

g 5 n

~~1532~~ 153215 W Librae

14 08 l 3 n

Sky rather hazy

14 40 Too poor to continue.

14 45 SS Cygni m 2 n hazy.

(33) (1182)
(6) (150)

Friday) April 7, 1905

J.D. 6943. L.C. Obs.

Eunomia. 5"

7 15	.510 .081	-.045	f 2, 2 a, g 4, 1 h	10.8
7 36	.525 .096	-.030	f 1+ 2 $\overset{a}{g}$, g 3, 2 h.	10.0
7 53	~~.108~~ .537 .108	-.018	f 3, a 1, 3 c, g 5, 0 h	12.4
8 08	.547 .118	-.008	f 1, 1 a, l 5, g 3, 2 h	10.4
8 33	.565 ~~.108~~ .010		l 3, 0 f, g 2, 3 h, 3 a	9.0
8 51	.577 .022		l 2, 2 f, g 2, 3 h	8.2
9 13	.592 .037		l 1, 2 f, g 0, 5 h	7.0

Est of comps. for Eunomia –

9 15			k 4 f, l 2 f, l, 1 g.	
9 42	.612 .057		k 4, 1 l, 1 g, 5 h Hazy	6.8
10 05	.628 .073 Clear		k 4, 1 l, 1 f, g 2, 3 h	7.6
10 21	.640 .085		k 5, l 0 f 1, g 2, 3 h	8.4

April 7, 1905.

T Tauri

b' selected of est.

7 51 b 4 f' 4 c f 5 f ~~[illegible]~~ 5 g

f 4 var 4 h

11.57
12.52
12.04

V Tauri

8 01 f 2 var 3 g

10.06
9.67
9.86
~~9~~

b 5 b' 5 c

see Dun chart

Z Tauri
Tauri

8 32 a 6 b 3 c 5 e 2 d 5 e' 4 f 2 g
g 6 h 3 k 3 l 5 m

Z Tauri m 2 n

RR Tauri.

a 6 a' 3 b 6 c' 4 d 2 e ~~b f~~ e 4 e' 6 f
f 5 g

8 50 g 2 n

April 7, 1905

Vesta #73

8 14	.551	c 2, 3 ε, 2 a, 1 b	6.08
8 39	.569	c 4, 3 ε, 2 a, 1 b	6.14
9 00	.583	c 4, 3 ε, 2 a, 0 b	6.16
10 10	.632	c 4, 2 ε, 2 a, 1 b	6.16

Z Aurigae

9 09 α 4 β 2 γ 6 δ 0 ε 6 θ 3 ζ 4 λ 5 η

γ 3, 3 δ ~~10.8~~ 9.0

R Coronae #72

9 27 e 0, 5 f 6.72 6.68 6.70

clear here

9 30 Hazy over much of sky-

10 00 Clearer now

April 7, 1905

RT Hydrae

1013 var 3 a' 4 b f.5

a 3 a'' 5 a' 3 b 3 d, 3 c 6 e
e 5 f 3 h 5 g 3 k 4 l m 4 l

(19) (1201)
(2) (152)

(Sat.) April 8, 1905

L. C. Obs. =

Eunomia 5''

7 29 .520 −.049 l 3, f 4, a 1, g 3, 1 h 11.2

7 40 Vesta c 3, 3 ε, 2 a, b 1 [illegible]

T Tauri 5'' est. of comp ✶s

7 42 f 5 f' 5 g b 3 b' 5 c

V Tauri 5'' est of comp ✶s

7 48 b 4 b' 5 c

Eunomia 5''

7 58 .535 −.034 l 5, f 4, a 2, g 4, 0 h 12.2

8 02 .543 −.026 l 4, f 3, g 3, 2 h, ~~[illegible]~~ 10.5
~~5 .5, 0 h~~

8 06 .546 −.023 m 2, 4 n p 3, 6 o, l 3, f 3 ~~g~~

see Durchant.

Y Cephei 5'' Sel & est of ✶s

8 33 h 5 k a 5 b 3 c 4 d 4 e 3 f 4 g 4 h
est of var
h 1 var
var 4 k
118 th

April 8, 1905

Eunomia -

8 ~~43~~ .569 .005 k 4, l 1, f 1, g 2, 3 h, 1 m, p 2, 4 n ~~8.6~~ 8.5

8 55 .580 +.011 k 4, 1 l, 1 f p 2, 2 m, 5 n 7.0

RR Cephei.

~~a 6, b 4 a~~

b 6 c 6 e 3 f 3 a 4 g 4 h ~~6 α~~

9 15 h 3 k 4 l 4 α ~~6 d~~ d α 3 ε 3 δ

Var ζ & η not seen

Eunomia

9 17 .095 +.026 p 2, 2 l, 2 f g 1, 4 h 6.4

9 40 .611 +.012 p 2, 2 l, 2 f g 0, 4 h 6.2

R Coronae [illegible].

9 41 e 3, 1 f 7.02 7.08 7.05

Z Cephei.

a 4 b 6 c 4 d 6 e 2 α 6 f

9 55 f 5 n

April 8, 1905

Eunomia

1.0 00 .625 +.056 k 5, g 2, al, 2 h, f 3 A6

W Cancri

1 0 20 b~~x~~2 a 3 a' 4 d 3 c 3 e 3 f 4 g
g 5 h
var. k, l, m Not

16 ~~30~~ 30 Too cloudy; will quit

(12) (216)
(3) (155) L. P. P.
— 600

Ledgered, Posted to here
Apr. 11. 1905.

april 22, 1905 (Saturday)

Ld. L.C. Ob.

061702 V Monoc. 5''

7 39 α 3 b 2 a 4 c 3 d 3 e 2 f 2 g ^{h} 2 g 4
k 4 l

Est Var.
Miss Ca's k 5 var 10.5
7 44 g 5 Ca's k

063308 R Monoc. 5''

7 53 γ 3 Var 11.5

065111 Y Monoc 5''

c 0, 5 α 10.5

8 06

a 3 a' 3 a^2 4 b 4 b' 4 c 3 α 3 α' ~~b~~ 3

064030 X Gem 5''

l 3, 2 m 12.0

8 20

a 5 b 4 c 3 d 4 d' 6 e 3 f 4 g 2 h 3 k 1 l
l 5 m

Apr. 22, 1905.

071201 RR Monoc.

8 27 a 3 b 4 b' 4 c' 4 d 3 c 4 $\overset{f}{\cancel{e}}$ 2 $\overset{e}{\cancel{f}}$ 3 g

Var N. S.

054920 U Orionis 5'' finder

8 38 6.10 / 5.91 / 6.00 ~~d 3~~ d 3, 2 e est 6.0

072708 S Can Min 5''

8 42 9.96 / 9.92 / 9.94 k 3, 1 l ~~est 10.4~~

S Hydrae 5.'

084803

9 00 f 3, a g 8.86 / 8.91 / 8.88 est 8.9

9 15 154428 R Coronae

8.52 / 8.46 / 8.49 k 3, 2 l est 8.5

Vesta ~~[illegible]~~

9 22 c 4, 2 e est 6.2

Apr. 22, 1905 —

R Hydrae eye

9 31 4.52
4.21
4.36 e 3, 2 f

073723 S Gem ~~5~~"

9 36 10.51
10.61
10.56 f 4, 2 g est 10.5

074922 U Gemi 5"

9 42 9.0 b 3, 3 d Hagen Chart & Notation

134440 R Can Ven 5"

9 48 8.63
8.46
8.44
153
8.51 e 5, f 0, 2 g est 8.~~6~~

T Herc 5"

9 52 8.82 h 1, 1 k est 8.8

083350 X Urs Maj

a 4 b 3 c 4 ~~#~~ e 4 d 3 f 3 f 6 g 5 h

10 10 Var, k & l not seen

Moon rising, too poor to

10 35 continue further L.P.P. (14) (1230)
(2) (57)
(45) (645)

(Sunday) Apr. 23, 1905

L. C. Obs

J.D. 6959

RT Persei 5"

7 57 -06^m $-.004$ α 4 var 1.18

see chart

8 16 +13 .009 α 5 var 11.9

8 41 38 .026 x 5, 2 α 11.2

8 53 50 .035 x 4, 3 α 11.1

9 07 64 .044 x 2, 5 α 10.9

9 23 +80 .056 w 6, 0 x 10.7

123961 S Urs Maj 5''

8 08 11.76

σ 2, 2 f Est 11.8

123160 T Urs Maj 5"

8 13 8.64
8.84
8.74 f 3, 0 g Est 8.6

235182 V Cephei . [illegible]

8 18 b 2, 2 c 6.2

Apr 23, 1905

210868 T Cephei [illegible]

8 20 6.36 c 3, 3 d est 6.4

074922 U Gemini 5"

8 24 9.5 d 3, 2 e

154428 R Coronae 5"

8 26 8.70 8.58 8.64 l 1, 3 m est 8.8

Vesta [illegible]

8 28 C 5, 1 E

090724 S Pyxidis'

a 6 b 4 c 5 d 6 e 3 f 4 g

10.0

8 38 c 2 var 2 d

061647 V Aurigae

8 48 a 5 b' 3 b 9.0

b' 4 var 0 b

Apr. 23, 1905 —

193449 R Cygni 5"

9 16 11.43 / 11.32 / 11.38 r 5, o s est 11.4

194048 RT Cygni 5"

9 17 α 0, 5 β 10.5

194348 TU Cygni 5"

9 20 δ 3 N.S.

9.35 094211 R Leonis ~~#I~~

6.52 h 2, 2 k est 6.5

(18) (1248) L.P.P.
(1) (158)
(6) (651)

(Monday) Apr. 24, 1905

8 00 Looked for Eunomia, but not to be found

8 20 Too cloudy to continue.

Apr 25, 1905 (Tuesday)

J.D. 6961 L.C. Obs.

Eunomia. 5^{u}

a=+12.1860 (9.4)
b=+11.1860 (9.5)
c=+11.1864 (9.0)

7 47 2a, 5b, c4, ~~d2, e2, 5~~ f

S Pyxidis 5^{u}

7 59 a6 b5 c3 d6 e2 f5 g

C1 var 2d 10.0

RR Hydrae

3c
a6 a' 3 a'' 3 b' 4 b 4 d 3 d' 3 e 4 e'
e' 3 f 5 h 3 g 5 k

8 10 Var N.N.

8 12 Seeing 2, 3, 2.

f Hydrae

α' 5 α 4 β 8 b 6 c 2 e 4 d 5 f
8 21 f 5 g 5 h

α 0 var 5 β 7.8

Apr. 25, 1905.

104620 V Hydrae

b 2 a 4 d 3 c 5 e 4 f 5 g

8 32 — g 4 h 5 k 6 l 4 m

c 2 var 3 e   8.5

074922 U Gemini

8 40   d 1, 3 e   9.3

U Hydrae ~~[illegible]~~

103212

8 45 — a 4 b 3 c 4 d 3 e 2 f
f 4 g 3 h

5.32
5.24
5.28

c 3 var 2 d

Looked at Pole with telescope
9 25 mounted on roof. This is finder of
60". Star d easily seen.

T Cancri

9 35 a 3 b 4 c 4 d 3 e 4 f
3 h 3 g 5 ~~h~~ l 4 ~~l~~ k
10 5 g 3, 2 ~~h~~ l = Est Var

Apr. 25, 1905

Region of ~~P of~~ Pole

5''

h seen
d seen

9 50 h 3 n
d 1 n

154428 R Coronae 5''

9 58 n 2, 2 o — 9.40 9.29 9.34 est 9.4

RW & RX Virginis

1010 a 5 b 4 c 3 d 5 e 3 f 3 f' 3 h
h 5 g 4 k

R X Virg. est =

1012 f 3, 1 f' 8.5

RW Virg

10 15 e 1, 3 f 7.7

Apr. 25 1905

120905 T Virginis 5"

10 22 11.62 o 2.3 f Est 11.5
11.51
11.56

122803 Y Virg. 5"

10 30 Est 9.5
h,,,k 9.57

121418 R Corvi 5"

11.99 q 3 var
10 45 Est 12.0

081112 R Cancri 5"

10 55 11.18 is 4 o t Est 11.2
11.15
11.16

(14) (1262) L. P. P.
(1) (159)
(62) (713)

(Friday) apr. 28, 1905
L C Obs

R Coronae 6"

15 42 +28.8
14 22
1 20 East

♄ 11 45 10.06 p 2, 29 est 10.0.

~~Iris~~

11 55 Sky too poor to continue

(1) (1264)
· (159)
(713)

(Sunday) April 30, 1905

L. C. Ob.

154428 R Coronae

10 02 g 3, 0 r 5-11

10.59
10.66
10.62

Est 10.7

074922 U Gemin 5-4

10 06 h 3, 2 l 11.5

7 Iris. 5-4

10 24 a 5, 0 b, 3 c, d 2 e, 2 f
see Cs chart

R Hydrae ~~eye~~

10 26 e 2, 2 f 4.32

14 Irene 5-11

10 36 Not Irene. c 4, d 2, 4 a, 6 b
See chart of C.

10 Hygeia

10 45 c 3, 2 a, 1 b, d 5, 5 e, 6 f

Apr. 30, 1905

123307 R Virginis 5"

7.78
8.00
7.99

10 57 g 1, 2 h est 8.0

124606 U Virginis 5"

11 02 <12.0 s 5 U <12.0

124204 RU Virg - 5"

11 10 e 3 b 5/3 g 9.5

a 6 b 3 c 6 d 5 f 4 e, 6 g 6 h 4 k 5 l

125705 RT Virg - 5"

11 17 ~~a~~ c 3, 2 d ~~9.5~~ 9.0

Var S. prec. RT.

11 22 g 4, 2 h' 12.0 see Phot chart on α.

132202 V Virginis 5"

11 28 8.78 g 2, 2 h est 8.8

Apr. 30, 1905

14 Irene Not Irene.

11 38 c 4, d 3, 4 a, 6 b

10 Hygeia

11 45 d 3, 2 a, 4 b, 1 c

Mars

11 50 Shade 129 ; Mars 5 > Vega

11 52 Shade 130 Vega 3 > Mars.

155818 RR Librae 5"

12 02 f 1 N < 12.2

160221 X Scorpii 5"

12 06 f 3, 3 g 11.5

$1\overset{6}{\cancel{8}}1122a$ R Scorpii 12.17 / 12.07 / 12.10 ~~est~~ 12.1 5"

12 10 w 3, 2 x

$1\overset{6}{\cancel{8}}1122b$ S Scorpii

12 12 w 0.5 x 11.80 Est 11.8

1905phae.proj..758O

Apr. 30, 1905

161607 W Ophiuchi 5''

12 18 g 3, 3 h ~~st~~ 11.5 ~~st~~

162112 V Ophiuchi 5''

12 24 ~~s.f.~~ d 5, 3 ~~f~~ g ~~see chart~~ (b)

162815 T Ophiuchi

12 27 d 4, 0 e 10.5 ~~st~~

162816 S Ophiuchi

12 30 m 5 Var 12.0 ~~st~~

162319 Y Scorpii

12 36 a 5, 3 f 11.5 ~~st~~

164319 RR Ophi 5''

12 40 a 3 NS

see photog Enlarg.

1905phae.proj..758O

Apr ~~4~~ 30, 1905

10 Hygeia.

12 48 3 a, 4 b, 2 c, d 3

7 Irene

Not Irene

12 53 c 3, d 3, 4 a, 5 b

SS Cygni.

8.30
8.20
8.25

12 56 a 3, 3 c int 8.2 C. Obs.

12 57 8.35 a 4, 2 c Colson Obs.

170215 R Ophiuchi.

13 03 e 2 N <12.2

13 07 155823 RZ Scorpii

d 3 Var 12.0

160524 RX Scorpii

13 12 Var N.S. <12

Apr. 30, 1905

Vesta πZr.

13 18 c 5, 0 E 6.3

12253 2 T Can Ven 5"

13 24 c 1, 3 d 9.0

a 4 b 3 c 5 d 6 e 5 f 4 g

g 3 h

k & l not seen

194632 χ Cygni 5"

13 42 9.86
9.68
9.77 x 3, 2 y est 9.8

10 Hygeia

1344 d 3, 4 a, 4 b, 3 c

14 Irene

1347 c 5, d 3, 3 a, 4 b Not drawn

Apr. 30, 1905

195849 Z Cygni 5"

1350 k 3, 2 l
~~10.03~~ 9.94
10.03
9.98

200357 S Cygni 5"

1353 k 2, 1 l est 11.3
11.28
11.26
11.27

201647 U Cygni 5"

1358 k 3, 2 l est 9.7
9.81
9.58
9.70

200938 RS Cygni 5"

1402 k 3, 0 l est 8.8
~~8.88~~
~~8.80~~
8.8X

1404 202539 RW Cygni 5"
d 1, 3 e 8.5

184205 R Scuti F.R.
1410 d 3, 2 e
5.49
5.45
5.47

R Urs Maj F.R.
1412 f 2, 2 g 7.60

Apr. 30, 1905

171401 Z Ophiuchi 5"

~~13~~ k 3 var "11.5 ~~12~~ ~~th~~

14 22

175111 RT Oph. 5"

14 28 Var Not seen <12

175519 RY Herc. 5"

14 33 h 3 N

174406 RS Oph. 5"

14 43 b 3, 2 c

14 Irene 5"

14 47 a 3, 0 b Not Irene

001755 T Cassiop 5"

A27
8.26
8.26

15 03 f 1, 3 g est 8.3

004958 W Cassiop

15 11 a 0, 4 c 9.8 ~~th~~

April 30, 1905.

(14 Irene

Not Irene

15 14 2 a, 5 b, c 3, d 3

235350 R Cassiop. 5

15 20 6.90
6.97
6.94 g 2, 2 h Est 7.0

15 35 Twilight too strong to continue.

(45) (1308)

(7) (166) L. P. P

(16) (729)

(Monday) May 1, 1905

L C Obs

154428 R Coronae 5"

10 30 11.60
11.36
11.48 s 5, 0 t est 11.5

~~Hyd~~

Hygeia 5"

10 55 d 4, 2 a, 4 b, 1 c

Vesta ~~FL~~S

11 20 E 0, c 6 6.5

143417 V Librae

11 36 g 0 Var est 12.0

150018 RT Librae 5"

11 40 h 2 n

150519 T Librae 5"

11 44 e 3, 2 f est 11.3

May 1, 1905

151520 S Librae 5m

11 50 9.08 h 2, 2k est 9.1

11 55 151822 RS Librai 5m

f 3 N

10 Hygeia 5m

11 56 d 2, 3a, 4b, 2e

152714 RU Librae 5m

11 59 g 5 N

153215 W Librae 5m

12 04 c 3, 1 d 9.A

153020 X Librae 5m

12 30 e 5 N

May 1 1905

153620 U Librae 5"

12 36 var v8!

k 2 $\underline{\underline{v}}$

154020 Z Librae 5"

12 42 f 2 $\underline{\underline{v}}$

154715 R Librae 5"

12 45 β 2, 4 j $\underline{\underline{10.5}}$

160021 Z Scorpii 5"

12 48 d 5, 2 e $\underline{\underline{10.0}}$

160519 W Scorpii 5"

12 52 k 3 $\underline{\underline{v}}$

Hygeia

12 54 d 3, 3 a, 4 b, 1 c

May 1, 1905

SS Cygni 5'

8.30
8.30
8.30

13 20 a 3, 2 c 8.3 = est

180122 RW Herc. 5'

13 30 α 5 n

182224 E.C.P. New Var 1904.

13 38 β 5 n

183225 RZ Herc

13 46 α 3 n

190108 R Aquilae 5"

7.6
7.44
7.30

14 00 b 0, 5 c est 8.4

191717 T Sagittae

14 08 g 3, 5 l 9.6

193509 RV Aquilae

14 15 ε 5, 0 b 11.8

May 1, 1905.

194604 X aquilae

14 18 Var n.s. < 12

200715a S aquilae

14 44 d 3, 4 f 8.6

200812 R U aquilae

14 50 j 2, 2 δ

201008 R Delphini

14 55 A.38 8.29 f.34 e 3, 0 f est 8.4

203611 Y Delphini

14 59 α 5, 3 β 11.0

204016 T Delph

15 02 no n

203816 S Delph

15 05 k 4, 2 l 10.0

May 1, 1905

202817 Z Delph

15 08 ε 3 n

204318 V Delphini

15 12 f 5 n

15 18 ~~2048~~ 205017 X Delph

Var n d! < 115

15 20 Clouds over sky

(2$\overset{1}{0}$) (132$\overset{9}{8}$)

(14) (180) L. P. P.

(—) (729)

(Wednesday) May 3, 1905.

154428 R Coronae 5

11.66

8 07 t 3 var.

cloudy.

074922 U Gemin 5

8 ~~48~~ l 3 N <12

133273 T Urs Min 5

b 4 c ~~3~~ d 3 e 5 a 5 β

a c 2 α 2 d

β 4 g 2 f 3 h

8.5

9 13 b 1 var 3 c

10 Hygeia 5

d 4, 3 a, 3 b, c 1

9 26 7 Iris 5

9 30 a 0, 3 c, 2 b, d 3, e 4, 2 f

(4) Vesta

6.6

9 35 a 2, 2 γ

May 3, 1905.

Mars.

9 38 No 129 Mars 3 Vega } eye
No 130 Vega 3 Mars. }

061647 V Aurigae

9 40 a 3 b' 4 b

085120 T Cancri.

9 ~~48~~ a 3 b 5 c 2 d 4 e 3 f 5 h 4 g 5 l 4 k
g 3, 2 l 10.5

180531 T Herc. 5''

9 50 m 2, 2 n 9.63 Est 9.6

235182 V Cephei ~~F.~~
10 00 b 3, c 1, 5 d 6.5

103212 U Hydrae ~~F.~~
a 3 b 4 c 3 d 5 e 3 f 3 g 3 h
10 07 d 0, 4 e 5.5

May 3, 1905

094211 R Leonis ~~[illegible]~~

10 12 h 3, 3 k 6.5-2

(10) ~~[illegible]~~ Hygeia 5"

10 15 3 a, 3 b, c 1, d 4

143227 R Bootis 5"

10.19
10.18
10.18
10 20 n 1, 3 o est 10.2.

142539 V Bootis 5"

10 25 ~~e 5,~~
d 2, 3 e 8.5

~~17~~
~~15[illegible]~~ S Coronae

10 28 151731
8.91 l 2, 2 m est 8.9

151614 S Serp. 5"

11.97
11.96
10 30 11.96 q 2, 1 r est 12.0

May 3, 1905

162119 U Herc

10 34 8.00 p 3,3 l est 7.8

163266 R Draco

10 40 11.99
11.91
11.95 p 4,1 q est 11.9

1045 Clouds too thick.

(18) (347)
(1) (181) L P P.
(24) (753)

May 4, 1905 (Thursday)

JD. 6970 L. C. Ob

(15) Eunomia

f 02 α 5, 2 β Est 10.8
see Durchart

R Coronae 5"

A 16 12.00 u 2, 2 w Est 12.0

(10) Hygeia 5"

f 23 2 a, 1 b, c 3, d 6

U Hydrae HV

a 5 b 4 c 4 d 5 e 3 f 3 g 4 h, 5 ~~k~~

f 26 5.6 d 1, 4 e

Eunomia 5"

A 29 α 4, 4 β

130212 RV Virginis 5"

A 49 a 3 a' 6 b 6 c 3 d

Vai. N.S. d 3 N

May 4, 1905.

(10) Hygeia. 5''

8 52 ~~c~~ 2 a, 1 b, ~~c~~ 4 ~~c~~, d 6

235782 V Cephei ~~Ill.~~

~~c 3~~

9 00 — b 4, c 1, 5 d 6.55

142205 RS Virginis 5''

b 3 b' 3 b² 3 a 4 c 4 $\overset{e}{\cancel{d}}$ 2 $\overset{d}{\cancel{e}}$

9 22 — d 4 d' 3 f 3 g 3 k 4 h

h 5 l 2 m 5 n

Var N S.

(15) Eunomia. 5''

9 26 α 7, 1 β

(10) Hygeia.

9 30 3 a, 2 b, c 1, d 4

May 4, 1905.

9 50 Objective so heavily fogged that nothing further can be done to advantage.

L. M.

9 (1356)
2 (183)
7 (760)

May 7, 1905 (Sunday)

JD 6973 L. C. Obs.

7 30 Twilight ~~strong~~.

054920 U Orionis + ~~IIe~~

7 48 c 2, 3 d

5.48
5.50
5.49

094622 Y Hydrae 5"

~~Ests of~~ ★

8 00 α′ 4 α 3/3 β b 5 $\overset{c}{\beta}$ 3 e 3 d 4 f 6 g 6 h

α 0 $\overset{var}{V}$ 4/3

V Hydrae 5"

104620

~~ests of~~ ★s:

8 10 b 2 a 4 d 4 a 5 e 4 f 6 g 5 h 6 k 4 l 5 m

c 0 $\overset{var}{V}$ 4 e

154428 R Coronae 5"

12.50

iv 3 var.

8 16 Var surely seen, high power used & seeing fine & clear

Seeing 2, 2, 2

May 7, 1905

235182 V Cephei AEg

8 18 c 2, 3 d 6.7

(10) Hygeia 5″

8 20 d 4, c 2, 2 b, 4 a

065530 RS Gem 5″

~~Est of~~ ✱s

8 30 β 4 α 3 α′ 4 f 6 δ 2 ζ 4 ε

003179 Y Cephei 5″

8 38 a 5 b 3 c 4 d 4 e 2 f 4 g 4 h 4 k

~~Var N.S.~~

h 0, 4 k ~~10~~ 11.5

RR Cephei 5″

b 5 C 4 e 2 f 2 a 2 g 3 h 3 k 4 l

8 ~~48~~ l 4 α 3 ε 6 δ

var not seen

Z Cephei

a 3 b 4 c 3 d 6 e 3 α 4 f

9 05 Var not seen

May 7, 1905

(10) Hygiea 5^{11}

9 08 d 3, c 1, 2 $\overset{b}{a}$, 3 a

Vesta 7.9

9 12 a 3, o f' 6.8

9 30 Very windy so will have to quit

(9) (1364)
(2) (185) L. P. P.
(50) (A10)

(Tuesday) May 9, 1905
L.C. Ob.

JD 6975

7 30 Twilight too strong.

054920 U Orionis Hb

7 48 5.58 / 5.60 / 5.59 a 3, 2 d est 5.5

~~8 00~~ Clouds

072708 S Can Min 5″

8 26 10.92 / 11.06 / 10.99 n 1, 2 o ~~est 11.3~~

Clearer

070310 R Can Min 5″

8 86 e 2, 3 f

a 154428 R Coronae 5″

<12.5

w 3 N

8 42 var & x not seen

093014 X Hydrae

8 47 b 2 var

May 9, 1905.

073723 . S Gemin. 5–4

8 52 10.91 / 10.96 / 10.94 g1, 5h est 11.0

081112 R Cancri 5–4

~~8 5~~ 56 10.21 / 10.18 / 10.20 g0, 4n est 10.2

clouds in West again

9 00 ~~08~~ 084803 S Hydrae 5–0

8.45 / 8.26 / 8.36 e2, 3f est 8.4

1~~2~~344 40 R Can Ven 5–

9 08 7.76 / 7.83 / 7.70 c3, 3e est 7.6

123160 T Urs Maj 5–4

9 15 9.51 h2, 2k ~~o~~ est 9.5

123961 S Urs Maj 5–

9 18 11.76 o2, 2k est 11.8

clouds

144918 U Bootis 5–4

9 25 10.35 / 10.26 / 10.30 c4, 1d est 10.3

May 9, 1905.

104814 ✓ w Leonis 5"

9 33 k 3, 2 l 108 ~~th~~

Clouds again

210868 T Cephei x"

9 36 ~~8~~ c 0, 5 d 6.04
6.18
6.11

10 00 Too cloudy to continue

(13) (1377) L. P.
(1) (186)
(810)

~~(10) Hygeia~~
~~e 2, d 4, 4 a, 2 c,~~ 3 b.

(Wednesday) May 10, 1905.

JD - 6976 L. C. Obs

7 30 Twilight too strong.

Eunomia 5''

8 13 10.8 f 3, 2 δ see the chart.

Moon near

(10) Hygeia 5''

8 21 e 2, d 4, 4 a, 2 c, 3 b

(7) Iris

8 28 h 4, k 1, f 2, 2 e, d 0

(4) Vesta HD

8 30 a 5, o f' 6.8

10 Hygeia

9 23 e 1, d 3, 4 a, 2 c, 3 b

May 10, 1905.

132422 R Hydrae F.B.

9 26 f 3, 2 g 4.71 / 4.59 / 4.65

235182 V Cephei F.B.

9 28 c 2, 4 d

133273 T Urs Min

9 38 b 2, 3 a 7.9

b 5 c 2 α 3 d 4 e 5 a 5 β

β 4 g 3 f 4 h

083350 X Urs Maj

a 8 b 3 c 1 e 3 d 1 f' 3 f

9 45 f 5 g 3 h 3 k

Var N S'.

196048 R T Cygni 5''

9 50 b 4, 2 a 9

May 10, 1905

193449 R Cygni – 5"

952 11.43 r 5, o s, 3 t, est 11.5
11.32
11.48
11.41

Clouds in the West.

1030 Too cloudy to continue

(10) (387) L. P. P.
(1) (187)
(18) (828)

Sat. May 29, 1905
J.D. 6986 H.C.O. — L.C. Ob.

7 30 Twi. too strong

154428 R Coronae 5-9

8 12 11.30 / 11.06 / 11.18 s 2, 3 t Est 11.2

132422 R Hydrae F.B.

8 15 f 2, 3 g 4.61 / 4.49 / 4.55

Vesta

9 30 7.2 j' 3, 2 x see Cs chart
x =

094211 R Leonis F.B.

8 17 6.14 / 6.02 / 6.08 f 3, 1 g Est 6.1

R Urs Maj F.B.

8 20 7.68 / 7.51 / 7.60 f 2, 2 g Est 7.6

143227 R Bootis 5

8 26 9.54 / 9.48 / 9.51 l 3, 2 m Est 9.5

May 20, 1905.

151731 S Coronae 5"

8 28 9.25
9.18
9.22 m 2, 2 n Est 9.2

Iris 5"

9 18 α = −15.3729 (8.8)
β = −15.3732 (9.0)
γ = −15.3739 (9.2)
α 3, 1 β, 4 γ see Std chart
8.9

Hygeia 5"

9 22 β = −15.3732 (9.0)
δ = −15.3714 (9.0)
β 2, 2 δ see Std chart
9.0

150605 Y Librae

9 38 a 5 b 4 c 3 c' 3 d 5 e 3 f 4 g
g 4 h 5 k 6 l 5 m
Var NS

9 $\overset{5}{\cancel{4}}$4 151520 S Librae 5"
8.44
8.43
8.44 f 0, 2 g Est 8.4

May 20, 1905

162119 U Herc. 5"

9 56 ~~7.52~~ 7.53 g 2,2 h est 7.6

180531 T Herc 5"

9 59 11.57 11.65 11.61 p 6, 0 q est 11.6

213843 SS Cygni 5"

10 02 12.07 b 3 var est 12.0

var just seen

151614 S Serpentis 5"

10 05 11.75 11.76 11.76 g 0, 3 l Est ~~70~~ 11.8

201647 U Cygni 5"

10 08 9.45 9.41 9.43 h 2, 1 k est 9.4

200938 RS Cygni 5"

10 10 8.37 8.18 8.28 g 2, 1 h B Est 8.3

May 20, 1905

202539 R [illegible] Cygni 5

10 12 — e 3, 2 f

195849 Z Cygni 5

10 15 . p var 11.76

200357 RS Cygni 5

10 18 9.97 2.96 9.26 f 0, 3 g set 100

Mars eyept & shades

10.36 (No 129) Vega 3 Mars

10.45 Moon too bright to continue

(20) (1407)
(1) (188)
(11) (839)

L. P.

May 23, 1905 (Tuesday)

H C O J.D. 6988   L. C. Ob

---

7 30 Twilight too strong -

Mars   eye & photo

8 00 No 129 Vega & Mars

132422 / R Hydrae

8 03 f 3, 1 g   4.71 4.69 / 4.70

51 Eunomia 5"

8 33   f 3 asteroid 11.3

If correctly identified -

154428 R Coronae 5"

8 38   11.06 11.00 / 11.03 r 4, 1 s   est 11.0

150018 RT Librae 5"

a 5 b 2 c 4 d 6 e 4 f 5 g 6 h

8 53   h 5 k 4 l

Var. N.S.

May 23, 1905

150605 S Librae

a 4 b 4 c 3 c′ 4 d 6 e 3 f 5 g 4 h
h 5 k 7 l 6 m

9 00 Var N.S.

130212 RV Virginis

a 5 a′ 4 b 5 c 5 d

9 10 Var N.S.

140113 Z Bootis ~~[illegible]~~

9.5

d 4 var 2 e

9 ~~21~~ 20 a 3 b 2 c 4 d 6 e 2 g 5 f 5 h 5 k

124204 RU Virginis 5″

g 4, 0 h 10.5

9 32 a 6 b 4 c 5 d 4 f 5 e 5 g 6 h 5 k 6 l

May 23, 1905

9 40 125705 R T Virginis 5^{11}

Var = ~~d~~ 4, 2 c' 8.8

c d

a 4 a' 4 b 4 d 2 c 5 c' 6 e

e 5 f 2 g 4 h' 7 k

Var mean R.T. = (h)

9 45 g 5 (h) 6 k 11.5

~~k~~

122532 T Can Ven 5^{4}

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

9 50 Var = c 2 var 2 d 8.8

162807 S S Herc. 5^{4}

a 4 b 5 c 1 d 5 e 4 f 4 g

10 07 g 3 h 3 h' 2 k 3 l

12

l 3 var = 12

171723 R S Herc. 5

a 4 b 5 c 5 d 4 e 3 f g' 3 f

~~f 3 g'~~

10 20 f 4 g 3 h 12.0

h 3 var

1905phae.proj..758O

May 23, 1905

182306 T Serpentis. 5"

a 6b 4 c 4 d 5 e 6 f 4 g 4 h 3 k
10 40 k 5 l 3 m

Var N.S.

183308 X Ophiuchi 5"

10 50 d 3, 2 e 8.5

11 00 closed up

Vesta FHG.
A 20 j' 3, 2 x

Copied from memory
May 24, ~~th~~ 1905

(13) (14 20)
(4) (19 2)
(A6) (9 25)

L.P.

Wednesday May 24, 1905

H.C.O. J.D. 6990 L. C. Ob.

154428 R Coronae 5"

8 0 P a 2, 2 s 10.86 ; 10.90 ; 10.88

Some twilight still.

Rather hazy & cloudy to west.

(1) (1421)
— (192)
— (925)

(Thurs.) May 25, 1905

JD - 6991 HCO - L.C. Obs.

154428 R Coronae

9 06 $\frac{10.96 \quad 10.90}{10.93}$ e 3, 2 s est 10.9

Clouds in West

200357 S Cygni 5-4

9 18 f 5, o g $\frac{10.47 \quad 10.26}{10.36}$

140113 Z Bootis 5-4

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

9 28 d 5, o e 9.6

Clouds

160210 U Serpentis

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

9 58 k 5 l 5 n 3 m 3 o

m o var 3 o 120

May 25, 1905.

213843 SS Cygni 0

10 15 — 12.07
12.08
12.06 o 3 var 1 f Est 12.0

153378 S Urs Min.

10 22 g 3, 1 h : 11.5 ~~tb~~

Too hazy to continue

(6) (1427)
(18)
(20) (1445)

L. P.

(Wed.) May 31, 1905.

J.D. ~~1~~16997 H.C.O. — L.C. Obs.

8 00 Twisting & some cloud:

154428 R Coronae 5-9

8 32 10.59 / 10.56 / 10.58 g 3, 1 r Est 10.6

8 50 Iris & Hygeia not found.

074922 U Gem 5-9

8 55 var. n. St. N

9 00 094211 R Leonis. [illegible]

f 3, 1 g 6.14 / 6.02 / 6.08

Vesta [illegible]

aster 3 f

9 03 see Durchmt for ident. of f.

which is asteroid? Look up.

aster 2 x, x 2 f.

235182 V Cephei [illegible]

9 10 R c 4, 2 d 6.90 / 6.98 / 6.94

1905phae.proj..758O

May 31, 1905.

160200 U Serpentis.

b3, 2n 12th

a4b4c5d6e5g3f5h4k
9 ~~5~~ 18 k5l3n2m 30

W Coronae 5"

161138
b3, 3f 8.2

a3b6f6e3c3d4~~f~~e
9 30 e3f

160625 RU Herc.

a5b5c4d3e3f.4g

~~g~~ Var not seen
9 40 sky too poor to est. fainter stars

162807 δ'δ' Herc.

10 10 a4b4c3d3e5f5g3h4h'
h'4k4l
l2 var 12th

May 31, 1905

213843 SS Cygni 5''

10 15 12.07
12.06
12.06 σ 3, 1 p ~~12.06~~
Est = 12.0

10 20 Hazy

165631 RV Herculis 5''

e 6 k 3 ~~l~~^{a} 3 ~~l l~~^{b} 3 h 6 d 6 l 3 a 4 b
10 30 l a 2, 2 b 9.0

10 40 Too poor to continue

(9) (1436)
(2) (194)
(46) (991) L P P.

June 8, 1905 (Thurs)

J.D. 7005 H.C.O. L.C. Obs.
Moon near 1st quarter & some haze & fog.

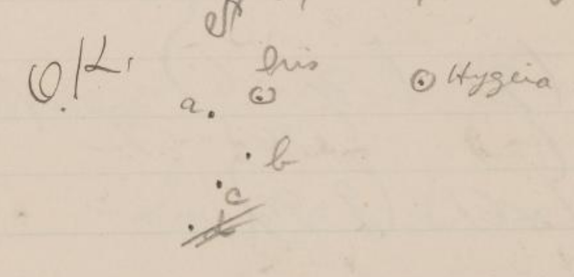
154428 R Coronae 5''
8 15 g' 1, 3 r
10.39
10.36
10.38

8 18 S & U Gem Too low

Iris 5''
8 38 O.K. a 5, c 3, 1 b ~~Not Iris~~

Hygeia 5''
8 42 a 3, c 1, 3 b

a = -14.3750 (8.6)
b = -14.3751 (9.3)
c = -14.3749 (8.8)



N

8 46 Vesta [illegible]
γ' 3, 2 x

103769 R Urs Maj. 5''
8 50 g 3, c h [illegible] 8.0

8.01
8.08
8.04

June 8, 1905.

S Urs Maj. 5"

123961

8 56 10.39 / 10.55 / 10.47 l 3, 1 m est 10.4

T Urs Maj. 5"

123160

9 00 10.95 / 11.06 / 11.00 m 2, 2 n est 11.0

— Urs Maj 5"

123459

9 06 10.60 / 10.65 / 10.62 l 2, 1 m est 10.6

Not. of T Urs Maj used, see said chart.

15001f R T Librae 5"

a 5 b 3 c 4 d 4 e 5 f 4 g 3 h 3 k 2 l

9 12 Var N.S.

235682 V Cephei F.S.

c 4, 2 d

132422 R Hydrae F.S.

9 14 h 2, 2 k 5.18

June 8, 1905

2016~~3~~7 (4) U Cygni 5-4

9 17 b 2, 2 h 9.38

200938 RS Cygni 5-4

9 20 8.92 l 2, 2 ~~m~~ est 8.9

202539 RW Cygni 5-4

e 4, 0 f 9.0

9 22 153378 S Urs Min

b 3 a 4 c 2 c' 3 d' 4 d

d 3 e' 3 e' 5 f 4 g 0 h

9 28 Est of Var =

~~H~~ f 0, 3 g 10.8

RT Cygni 5-4

~~21~~ 19~~04~~48 (40)

9 33 b 4, 1 a 8.8

194348 TU Cygni 5-4

9 35 α 6 U

1905phae.proj..758O

June 8, 1905

213843 SS Cygni 5"

9 37 8.40 / 8.30 / 8.35 a 4, 2 c est 8.4

213244 W Cygni [illegible]

9 47 α 6, 0 β est 6.7

151731 S Coronae 5"

9 46 9.68 / 9.48 / 9.58 m 3, 2 o est 9.8

162119 U Herc. 5"

9 50 8.81 / 8.76 / 8.78 n 2, 2 o est 8.8

161138 W Coronae 5"

9 56 a 3 b 5 j 4 ε 4 c 5 d 3 e 4 f
est a 2, 2 b

9 58 210868 T Cephei [illegible]
6.98 / 6.92 / 6.95 d 3, 2 e est 7.0

1010 Telescope & air quite dewy so will quit

(20) (1456)
(2) (196)
(26) (1017)

(Friday) June 9, 1905

JD 417006 H.C.O. – L.C.Ob.

2138K3 ~~[illegible]~~ 5"

8.00 SS Cygni

10 26 8.10 / 8.05 a 0, 4 c est 8.0

172707 RV Oph. 5"

10 37 d 3, 2 e

193$\overset{4}{5}$49 R Cygni 5"

10 44 11.98 t 2 var est 12.0

200357 S Cygni 5"

10 48 – g 3, 2 h 10.56 / 10.46 / 10.51 est 10.6

194632 χ Cygni 5"

est 11.4

10 52 – δ 2, 2 ε

172707 RV Oph. 5"

10 57 c 2, 1 d

174406 RS Oph. 5"

h 1, 4 k 10.5

11 00

205923 R Vulpec 5"

11 03 e 3, 3 f 8.3 / 8.1 / 8.2 Est 8.3

June 9, 1905.

172707 RV Oph. 5"

11 11 b 3, 0c, 3d

11 32 b 1, 3c

221733 T Lacertae 5"

11 40 α 4, 2 a 9.3

222439 S Lacertae 5"

11 46 ~~50~~ 11.43 11.50 11.46 q 3, 02 est 11.5

223844 R Lacertae 5"

11 51 11.92 ~~11.85~~ 11.88 m 3, 0n est 11.9

172707 RV Oph 5"

11 52 b 1, 3c

00175~~4~~5 T Cassiop 5"

11 54 8.56 8.68 8.62 g 0, 8h

235350 R Cassiop 5"

11 57 7.83 k 3, 3l est 7.8

June 9, 1905.

184205 R Scuti ~~[illegible]~~

12 02 h 4, 0 k 7.47 7.06 7.02

154428 R Coronae 5^4

12 06 p 2, 1 V 10.02 10.19 10.10

12 1.0 143227 R Bootis 5''

8.54 8.48 8.51 g 1, 3 h est 8.5

134440 R Can Ven 5^9

12 12 g 3, h 0, 3 k ~~est 8.9~~ 8.94 8.93 ~~8.83~~ 8.90

142539 V Bootis 5^4

~~est of Steg~~

α 5 a 3 b 5 d 3 e 1 c 5 f 3 g
g 4 k 3 k 4 l

12 20 k 3, 1 h 11.5

185512 S T Sagittarii 5''

12 25 e 5 V

June 9, 1905

191019 R Sagittarii 5"

~~est~~
12 29 8.43
8.39
8.33
8.38
g 3, 0 h, ~~3~~ k est 8.4

19$\overset{0}{x}$819 R W Sag 5"
12 32 c 4, 3 d 9.5

19$\overset{0}{x}$818 R X Sagittarii 5"
12 34 d 4, 0 e 10.2

191319 S Sagittarii 5"
12 37 f 5 — n 10.5

12 45 Objective so heavily dewed, I will have to quit.

(24) (1480)
(2) (198) L. P. P.
(10) (1027)

(Saturday) June 24, 1905

J.D. ~~7019~~ 7021 L.C. Obs Vermont

---

8 00 to 8 30 Mounted telescopes; twilight still strong.

Mars eye

Shade No 129 Vega 4 Mars

8 40 " " 130 Arcturus 6 Mars

No shade Mars 17 Vega

154428 R Coronae 5"

8 48 o 2, 2 p 9.66

a'' +5.2638 (8.0)
f'' +5.2637 (8.5)

Vesta 5"

9 05 a'' 3, 2 b'' see Duchart

094211 R Leonis 5"

9 09 h 3, 0 k Est 6.6

6.73
6.62
6.68

124204 R U Virginis 5"

9 15 11.0 h 2, 2 k 11.5 ~~[illegible]~~

125705 RT Virginis 5"

9 17 d 3, 3 c' 9.8 ~~10.0~~

1905phae.proj..758O

June 24, 1905

Var near RT Virg.

9 20 g 5, 2 h' 12.0

120206 RW Virg. 5"

9 24 e 2, 2 f 7.7

~~1202~~

115905 RX Virginis 5"

9 26 f' 2, 2 h 8.8

130212. RV Virginis 5"

9 30 a 4 a' 6 b 5 c 4 d

Var N.N.

143417 V Librae 5"

9 36 10.39 11.33 10.86 c 0, 3 d est 10.8

150605 Y Librae 5"

9 52 g 5, 0 h 11.5

l 4 l' 3 m

June 24, 1905

R Scuti : IIIe

9 56 g 1, 4 h 6.84
6.67
6.76

160221 X Scorpii 5^m

10 02 g 2 var ~~11.8~~ 12.0

Var just glimpsed

160519 W Scorpii 5^m

10 06 h 2 V

161122a R Scorpii 5^m

10 10 w 2, 2 w 11.74
11.65
11.70

161122b S Scorpii 5^m

10 11 w 1 V 12.0

162319 Y Scorpii 5^m

10 18 Var not seen

α 6 β 4 γ' 5 γ

June 24, 1905.

213843 SS Cygni 5-"

11.97
12.04
12.00

1022 o 2, 1 f Est 12.0

2016 U Cygni 5-"

9.04

1024 q 2, 2 h

RS Cygni 5-"

A.92

1026 l 2, 2 m

(17) (1497)
(4) (202) L. P. P.
(7) (1034)

(Wednesday) June 28/1905

J.D. 7025 Vt. L.C. Obs.

8-00-8.30 Mounted telescope; twilight still strong.

13 24 22

R Hydrae

8 : 36 l 0, 3 m 5.57 / 5.55 / 5.56

R Coronae 5"

155428 m 2, 2 n 9.04

8 42

Vesta 5"

8 52 a 1, 5 b, 3 c

144918 U Bootis 5"

9 00 12.06 / 12.02 / 12.04 f 2, 1 g Est 12.0

Z Bootis 5"

9 06 140113 l, n

142539 V Bootis 5"

α 6 a 3 b 6 d 4 e 2 c 5 f 4 g 4 k ✓

9 11 k 4 h 5 l

k 2, 3 h

June 28, 1905

154715 R Librae 5"

β 6 α 5 γ 3 δ 6 ε 2 η 4 ζ 4 a
a 4 λ 3 μ 2 θ

9 22 ζ 2 Var 2 a

155823 RZ Scorpii 5"

a 5 c 4 b 3 e 5 d 2 f 10 g
9 34 g 5 h 2 k α not seen

Var not seen

160524 RX Scorpii 5"

a 4 c 3 b 4 d 5 e 4 f 5 g
9 39 g 5 k 4 h 3 l 4 m

e 2, 2 f

161138 W Coronae 5"

9 45 a 4 b 6 γ 5 ε 4 c 4 d 4 e 5 f

a 4, 0 b

1905phae.proj..758O

June 28, 1905

153378 S Urs Min 5-1

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

9 52 d 5 e 4 e' 4 f 5 g 0 h ✓

e 5, 0 e'

160625 RU Herc.

10 00 a 5 b 4 c 4 d 5 e 4 f 5 g

g 4 h

h 1 V

160210 R Serpentis 5-9

10 06 l 3 V

162319 Y Scorpii 5-1

10 18 α 6 β 5 γ' 3 δ 3 ε 3 γ ✓

γ 2 ξ 4 μ

Var. N.S.

193449 R Cygni 5-9

10 22 t 2 V 12.0

June 28 1905

194348 RT Cygni 5''

10 26 d 3, 2 e

T ZC
~~R T~~ Cygni - 5''

194348

10 30 δ 1, v

8 Flora 5''

10 45 asteroid not found.

171401 Z Ophiuchi 5''

11 00 a 4 b 3 c 5 d 2 e 4 f
f 5 g 3 h 4 k 3 l

Var & fainter stars N.B.

213843 SS Cygni 5''

11 05 σ 2, 2 p Est 12.0 11.96

11 15 Objective dewed; will quit

(11) (15 08)
(8) (2 10) L. P. J.
(80) (1114)

Thursday June 29 [redacted], 1905

8 30 Too cloudy

9 30 Some clearer but not quite so,

(Wed.) July 5, 1905

J.D. 7032 V b. A.T.C. Rec. L. C. Obs.

8:30 Mounted telescope; twilight strong.

8:50 154428 R Coronae 5"
h 1, 3 k est 8 0
8.03
7.98
8.00

8:55 132422 R Hydrae ~~79~~ 8 F. G.
m 2, 2 n
6.05
6.13
6.09

8:59 S Ursa Maj. 5"
g 3 0 h
9.13
9.22
9.18

8:58 T Ursa Maj 5"
p 2 1 g
12.29
12.16
12.22

9:00 — Ursa Mag 5"
n, 2 2 0 11.50 Notation of T. Urs. Maj.

~~Clouds~~ Aurora in the north up to Polestar

9:10 123307 R Virginis 5"
p 6, 9 r est 10 8
10.81
10.78
10.80

9:13 143227 R Bootis 5"
Var, 3 C 6.60

1905phae.proj..758O

July 5 - 1905

9:16 213843 S. S. Cygni 5"
0, 0, 3 f 11.77 11.84 11.80

9.15 Aurora in the north extending above pole star from East to West.

194632 χ Cygni 5"
9 22 δ 2, 2 ε Est 11.5

9:30 R Coronae 115919 5"
c 2, 1 d 8.00 7.97 7.98 Est 8.0

9:35 180531 T. Herculis 5"
12.15 12.31 12.23 g 5, 1, r Est 12.0

9:38 1621~~19~~ U ~~H~~ Herculis 5"
g 1, 5, r 9.86 9.86 9.86

9:44 163137 W. Herculis 5"
10.32 10.36 10.34 l, 1, 3, m Est 10.4

9:47 205923 R Vulpeculae 5"
g 1, 3, h. 8.87 8.82 8.84 Est 8.8

9:57 151714 S Serpentis 5"
0 ~~3~~ 2, 1 2 f 11.44 11.31 11.38 Est 11.4

July 5 1905

10:00 142584 R Camelop 5"
d, 2, 2 E.
9.70
9.62
9.66

151520 S Librae 5"
10,6 ~~Est~~ h 4, 0, k Est 9 3
9.27
9.29
9.28

103769 R Ursae Majoris 8"
10,10 ~~Est~~ 0 2 2 f
10.08
10.26
10.17

134440 R Can Ven 5"
10:14 k 4, 2, l m
9.53
9.39
9.46

162319 Y Scorpii 5"
Variable not seen
10 20 α 5 β 5 γ 3 δ 4 ε 4 ζ 3 5 6 μ

171401 Z Ophiuchi 5"
10.24 a 5, b 4 c 5 d 3 e 6 f 4 g 4 h 5 k 2 l

155823 RZ Scorpii 5"
10:27 a 4 c 6 b 4 e 3 d 3 f 6 g 5 h 3 k
Variable not seen

160324 RX Scorpii
10:32 a 5 c 4 b 4 d 6 e 5 f 4 g 5 k 4 h 2 l 5 m
f 2, 2 g 10.4

July 5 1905

Pallas 5"

10 40 a 3, ~~5~~ 6, b

204016 T Delphini 5"

10 47 l 4, 2 m 12.00 11.84 11.92 Est 11.9

~~10~~ 203816 S. Delphini 5"

10 49 k 1, 2 l 10.6

202817 Z Delphini 5"

10 51 γ 3, 3 δ 10.5

204318 V Delphini 5"

10 54 Variable not seen γ seen

205017 X Delphini 5"

10:56 Var. susp. Est. 12.2

11:00 Clouds in South

(25) (1533)
(3) (213)
(34) (1148)

L. P. P.

(Tuesday) July 18 1905

D. 7045 H. T. C. Rec. L. Campbell Obs.

8.40 to 9. Mounting telescope

9.08 Moon rising in east

154428 R Coronae 5"

9 06 f 5, 0 g

7.68
7.63
7.66

184616 R Serpentis 5"

Some clouds in zenith.

9.18 c $\overset{4}{8}$, $\overset{4}{2}$ d

7.88
8.20
8.04

184205 R Scuti F. G.

9.19 d 2, 2 e

5.39
5.45
5.42

163266 R Draconis 5"

9.23 e 2, 1 f est. 8, 2

8.22
8.18
8.20

160021 Z Scorpii 5"

9.30 d 1 2 e 10.5

6

1~~8~~0221 X Scorpii 5"

9 33 <12 z' ~~faint~~ seen, variable not seen, probably hazy

More cloudy

July 18 - 1905

937 160519 W Scorpii 5"
h 1, var. 120

938 001767 T Cassiopeiae 5"
h 3 0 k = 9.28
9.36
9.32

939 123168 T Ursae Majoris 5"
variable not seen n

940 123367 S Ursae Majoris 5"
e 2 2 f 8.06
8.30
8.18

942 133378 S Ursae Minoris 5"
d' ~~f~~ 2, 3 e 10.0

944 233350 R Cassiopeiae 5"
m 2.2 ~~n~~ n 9.10

947 213843 S Cygni 5"
o 2, 1 p 11.97
12.04
12.00

949 201647 U Cygni 5"
e 3, 2 f 8.06
8.16
8.12

134639 V Coronae 5"
Chart not found

July 15, 1905

160150 R. R Herculis 5"
Clouds in South & West, Moon in East

160150 R. R Herculis 5"
Clearer
9:58 c 3 .4 e

10 05 Clouds more or less over sky

170215 R Ophiuchi 5"
c 1,1d Est 7.3 7.32
10:12 ~~South~~ Some clearer in south

162815 T. Ophiuchi 5"
10.42 h 2,2 k

162816 S. Ophiuchi 5"
10.45 d 2,2 e

Moon too bright to continue further
11:00 Closed up

(16) (1549) L. P. P.
(2) (215)
(1148)

(Wednesday) July 19, 1905

J.D. 7046 H.T.C. Rec L.C. Obs

8 15 Mounting telescope
Twilight rather strong and
some clouds.

154428 R Coronae 5"
8 :45 f 2, 3 g 7.36

213743 S.S. Cygni 5"
8.47 12.07 12.05 12.06 0 3, 1 p est 12, 0

180531 T. Herculis 5"
8 53 11.95 12.01 11.98 ~~18.0~~ q 3, 4 r est 12.0
Somewhat clearer

200357 S Cygni 5"
8:55 g 3, 2 h. 10.56 10.46 10.51

184205) R Scuti F. G.
9:02 ~~t~~ d 3 1 e 6.49 5.55 6.52

18434 RY Lyrae 5"
9 10 E 3 var ~~12~~ 11.5 th

9 15 More cloudy
9 25 Still more cloudy

July 19- 1905

9 30 Very cloudy

185032 R X Lyrae 5"

11.8 th

9 45 a 2, 3 b

9 48 Zero Magnitudometer from Delphinus to Aquarius going out five degrees above southeast horizon

185634 Z Lyrae

9 52 b 4, 2 c 11.5 th

185737 RT Lyrae

10 02 var N. S. α seen

Sky clearer now.

021281 Z Cephei 5"

10 25 f 3 var 11.5

022980 RR Cephei 5"

10 30 b 2 n

10 45 Moon bright; dismounted telescope.

(9) (1558)
(2) (217)
(1148)

L. P. P.

(Thursday) July 20 1905

J. D. 7047 F. T. C. Rec. L. C. Obs.

8.30 Somewhat cloudy

9 00 Mounted telescope; somewhat clearer

9.01 R Hydrae, too low

132706 S Virginis 5"
9:09 v 3, 8 p 3 g 9.97 9.99 10.02 / 9.99 Est 10.0

132202 V Virginis 5"
9:13 n 5, N 11.2

Some moisture in air; seeing poor

123307 R. Virginis 5"
9:16 v 1, 3 p 9.99 9.91 / 9.95 Est 10.0

124606 U Virginis 5"
9:19 f 1, 1 g 8.56 8.62 / 8.59 Est 8 6

083350 X Ursa Majoris 5"
e 2, 2 f. Region low but Est
9 30 considered good. 9.2

103769 R. Ursa Majoris 5"
9 33 m 2, 2 n Est 9, 6 9.63 9.56 / 9.60

July 20 1905

122532 T. Can Ven 5"
9 40 e 5, 0 f 9.1

140113 J Bootis 5"
Too faint

141954 S. Bootis 5"
Clouds; too cloudy

213843 S.S. Cygni 5"
9 48 12.07 / 12.04 / 12.06 σ 3, 1 p Est 12.0

191019 R Sagittarii 5"
9 55 c 0, 2 d 7.06 / 7.15 / 7.10

1908-19 RU Sagittarii 5"
9 56 c 4, 5 d 9.5

1908-18 RX Sagittarii 5"
9 57 d 4 2 e 10.1

191319 S Sagittarii 5"
9 59 <11.5 Variable not seen, k 5 N

191321 J Sagittarii 5"
10.02 11.68 k 2, Variable Est 11.7

July 20 1905

191617 T. Sagittarii 5"
Clouds; abandoned

More cloudy over sky generally
10.05 Moon rising

001838 R Andromedae 5"
10.11 9.99 9.80 9.90 p 3 0 g Est 10.0

~~001726~~
001726 T Andromedae 5"
10.15 <11.5 Variable not seen g 3 N

141954 S Bootis 5"
Sky clearer in this region
10-20 9.77 9.98 9.88 f 1, 2 g Est 9.9

004047. W Cassiop. 5"
10-28 g 5, N <11.6

191017 T Sagittarii 5"
10.28 f 0, 5 g 10

154428 R. Coronae 5"
10 38 f 2, 2 g 7.38 7.43 7.40

185512 S.T. Sagittarii 5"
1037 Variable not seen h 3 N

July 20 1905.

185613 Nova Sagittarii

10.40. Not seen, h 3 N

The night somewhat poor; clouds more or less over sky at times considerable moisture in air and on telescope

11.00 Closed up

(15) (1573)
(6) (223) L. P. P.
— (1148)

(Friday) July 21 1905

J. D. 7048 F. T. C. Rec. L. C. Obs.

8:30 Mounting telescope

213843 S. S. Cygni 5"

8-43 11.96 o 2, 2 p Est 12·0

200938 R. S Cygni 5"

8-46 8.80 8.66 8.72 l 0, 4 m

151822 R S Librae 5"
a 4 c 5 b 3 f 5 d 7 e
b f 5 g 4 h
k & l not seen

9.08 Est of variable d 3, 4 e 10.0

152714 R. W. Librae 5"
b 3 a 6 c' 3 c 5 d 2 f
2 g 4 e 4 h 4 k
l & m not seen

9-15 Variable not seen

154715 R Librae 5"
Beta 5 alpha 5 gamma
4 delta 5 Epsilon ~~3~~ 2 eta
5 Zeta 5 a 5 Lambda 4 mu
3 Theta

9 22 Vaiable not seen

1905phae.proj..758O

July 21 - 1905

161607 S Ophiuchi 5"
a 7 c 4 b 6 d 5 e 5 f
4 g 3 k, 2 h
Fainter stars not seen; Var.
9 33 not seen

162112 V Ophiuchi 5"
Alpha 5 Beta Beta 5 a a 4 ~~b~~ c ~~b~~ c 3 ~~c~~ b
~~c~~ b 5 d 4 e 2 f f 4 Delta Delta 3 g
5 k 4 h 4 l
9-43 Var = d 2, 3 e £ 2 b & c inverted in record
changed July 22.

164319 R R Ophiuchi 5"
a 6 b 4 c 5 d 4 e 5 Alpha
6 f
9-52 Variable not seen

Pallas 5"
9-58 c 3, 3 d 9^{5}

235182 U Cephei F. G.
10-01 c 4, 2 d 694

153215 S. Librae 5"
10-09 Variable not seen f 2 n

July 21 1905

134428 R Coronae F. G.

10 04 f 3,3 g 7.40 / 7.39 / 7.40

162807 S S Herculis 5"

10-21 d 4,2 e 9.0

164715 S Herculis

10 27 8.19 / 8.11 / 8.15 g = 1,2 h Est 8.2

10:45 Closed up.

Night very good, no clouds to speak of, but moisture very heavy & some on object glass

(9) (1582) L. P. P.
(5) (228)
(51) (1199)

(Thursday) July 27 - 1905

JD 705$\overset{4}{7}$ H/T.C. Rec. L. Campbell Obs.

10:20 Mounting telescope, sky clear

S S Cygni 213843 5"

10:50 0 3, 1 p

154428 R Coronae 5"

10:53 f 4, 1 g 7.58
7.53
7.56

142539 V Bootis 5"

11:06 f 1, 4 g 9.8

144918 U Bootis 5"

11 13 e 6, 2 g 11.59
11.66
11.62 ~~Est 11.07~~ Est 11.7

151731 S Coronae 5"

11.18 11.43 Var 4 r, Est 11.4~~4~~

153378 S Ursa Min 5"

1121 d' 0, 5 ~~&~~ e 9.7

1120 Northern light streamers directly below pole extending 5 degrees up from horizon

160118 R Herculis 5"

1130 10.48 n 2, 20 Est 10.45

July 27 1905

161138 W Coronae 5"
Var = f 1 3 g. 10.5
11:38 Est, d 4 e, 4 f 3 g 5 h k not seen

175458 T Draconis 5"
11:45 h 5, 6 k 10.0

165631, RV Herculis 5'
11 52 h 6 4 β 10.7

175111 RT Ophiuchi 5"
12·01 a 0 Var. 10.0

175519 RY Herculis 5"
12 05 Var not seen

170672 RT Herculis 5'

Fog on object glass too thick
12 12 to see fainter stars

Night very damp; telescope
dripping with moisture
also object glass & eye piece
dewed

12 30 Closed up

L. P. P.

(11) (1593)
(1) (229)
(4) (1203)

(Wednesday) Aug. 2 1905
J.D. 7060
F.C. Rec., L.C. Obs.

8.00 Sky clear; mounting telescope

8.30 Sky too cloudy

171401 Z Ophiuchi 5"
8.45 Too cloudy to observe

184205 R Scuti 6.23 F.G.
f 1, 3 g $\frac{6.44}{6.34}$
8.50 Observed through gap in clouds
~~00~~

001755 T. Cassiop. 5"
8.53 10.33 m, 2, 2 n Est 10.3
Through gap in clouds

001838 R Andromedae 5"
8.57 r 2, 2 v 10.38 Est 10.4

154428 R Coronae
8.58 f 2, 2 g 7.40 F.G.

213$\overset{8}{\cancel{7}}$43 SS Cygni 5"
$\frac{\begin{matrix}8.20\\8.36\end{matrix}}{8.25}$ ~~Est~~ a 2, 2 c Est 8.2
Through gaps in clouds
9.01 but pretty sure of est.

Aug 2 1905

235350 R Cassiop 5''
9:15 9.00 m, 2, 3 n Est 9.0
9.10
9.05

200938 RS Cygni 5''
9:19 9.05 m 0, 3 n
9.08
9.06

239752 U Cephei F.G.
c 4, 2 d 6.94
9:21 Sky some clearer

193449 R Cygni 5''
9,25 w 3 R <124

194048 RT Cygni 5''
9, 28 Gamma 3, 2 Delta 11.8

194348 TU Cygni 5''
9:30 alpha 4, 2 a 11.0

171401 Z Ophiuchi 5''
946 f 3, 2 g 10.0

174406 RS Ophiuchi 5''
10,06 h 1, 4 k 10.5

9:58 Slight aurora in due north

Aug 2. 1905

10,08 Sky fairly clear now

160210 ~~[illegible]~~ U Serpentis 5''
10,12 m e N

182306 T Serpentis 5''
e 2, 2 f 9.5
a 5 b, 4 e 5 d 5 e 7 f 4 g 3 h 5 k
10,29 4 l 4 m

183308 X Ophiuchi 5''
10,34 a 2, 2 b 7.4

10 38 More cloudy

190108 R Aquilae 5''
10,46 n 1, 1 o 10.5 ~~A~~ Est 10.6

191717 T Sagittae 5''
10,51 h 3, 2 k 10.0

193509 RV Aquilae 5''
10 58 Gamma 2, 3 Delta 9.5

193311 R T. Aquilae 5''
11,02 Variable not seen > 12

(17) (1610)
(3) (232)
(10) (1218)

(over)

Aug 2 1915

X Aquilae

11:11 Dew too heavy on objective

Sky fairly clear but considerable moisture in air and objective heavily dewed and therefor will have to quit

11 30 for tonight

(Thursday) Aug 3. 1905
J.D. 7961
F.T.C. Rec. L.C. Obs.

8:00 Sky clear; mounted telescope

8,24 164428 R Coronae F. G.
f 1, 4 g
7.28
7.23
7.26

8 2 ~~5~~ 8 213743 S Cygni 5"
a 3, 2 e 8.30 Est 8,3

154205 R Scuti F. G.
8 30 e 3, 1 f
5.95
6.03
5.99

Mars
7 Arcturus
8 31 Mars 4 Vega eye

123307 R Virginis 5"
8 34 l 3, 0 m
9.25
9.35
9.30

124606 U Virginis 5"
8 36 h ~~H~~ H 0,4 ~~H~~ l ~~8.72~~ Est 90
8.98
8.86
8.92
recorded wrongly; corrected aug 4, 05.

Slight Aurora in due north
consisting of small streamers
8 40 pointing towards pole

Aug 3 - 1905

143417 V, Librae 5"
8 48 f 3 N ∠12.0

150519 T Librae 5"
Var, susp.
8 52 g 0. var 12.05

153020 X Librae 5"
9,02 d 3, 2 e 10.83 / 10.84 / 10.84 Est 108

153620 U Librae 5"
9 05 Var, not seen

154020 Z Librae 5"
9,07 e 3 N

155018 R.R. Librae 5"
9 40 n 3 N

160519 St Scorpii 5"
9,44 h 0 var. 12.0

195202 R R Aquilae 5"
9,47 Var ; alpha 10.2

Aug 3 1905

9 55 195308 R S Aquilae 5"
Var not seen
f 3 N

170627 R T Herculis 5"
a 5 b ~~4 b'~~ 3 Alpha 3 b' 3 c
4 Alpha 5 Beta 4 d 3 e 3 f
4 g
10,10 Est f 3, 2 g 10.0

171723 R S Herculis 5"
e 3, 3 g' 9.5
a 5 b 4 c 4 d 5 e 3 g' 4 f 3 g
10 20 4 h

210868 T Cephei F. G.
10,24 e 3, 2 f 7.42
7.49
7.46

200715a S Aquilae 5"
10,31 h 2, 3 k 9.8

200812 R U Aquilae 5"
10,40 Eta 3 var, 4 Zeta Est 11th

201008 R Delphini 5"
10,49 p 3, 0 q 11.92
11.84
11.88 Est 11.8

Aug 3 1905

203611 Y Delphini 5"
Variable not seen
10 55 Beta 5 N

204102 V Aquarii 5"
11:00 C 2, 2 h
A.O.

204405 T Aquarii 5"
11.70 t 2 2 m Est 11.7
11.04 Est, difficult

Object glass too heavily dewed to continue
Sky clear throughout evening but air very moist, telescope reeking with moisture
11 20 closed up

(18) (1628)
(6) (238) L. P. P.
(18) (1231).

Aug. 4. 1905 (Friday)

J.D. 17062 A.T.C. Rec. L. Campbell Obs.

8 00 Too cloudy & hazy

8 30 Still ~~rather~~ cloudy

8 45 Some clearer; will try to do something.

213843 SS Cygni 5"
9:06 o 2, 8 d Est. 87
8.70
8.60
8.65

194632 χ Cygni 5"
9:08 Epsilon 3 2 Zeta
11.95
11.72
11.84

134440 R Can. Ven 5"
9:16 o 1, 1 p 10.30 Est 10.3

154428 R Coronae F.G.
9:11 f 0, 5 g
7.18
7.13
7.16

184205 R Scuti F.G.
9:12 e 1, 3 f
5.75
5.83
5.79

143227 R Bootis 5"
9:17 e 2, 2 f 8.06 Est 8,0

Aug. 4 1905

142584 R Camelop 5"
9:18 f 3,2 g 10.62 / 10.60 / 10.61 Est. 10,6

151714 S Serpentis 5"
9;24 d 2,1 e 8.58 / 8.63 / 8.60 Est 8,6

202817 Z Delphini 5"
9 30 Alpha 3, 2 Beta 9 8th

~~203817~~ 203816 S Delphini 5"
9 32 k 3 2 l

204016 T Delphini 5"
9 34 c 3, 2 d 9.32 / 9.34 / 9.33 Est 9.3

204318 V Delphini 5"
9.35 d 5, 0 e Est 10 5th

205017 X Delphini 5"
9:37 Var. invisible β 5 N

Pallas 5"
9:40 g 2, 3 h 10 th

205923 R Vulpec 5"
9:44 p 2, 3 g 10.54 / 10.33 / 10.44 Est 10.6

Aug 4 1905

162119 U Herculis 5"

Growing somewhat cloudy

9:45 s 1,4 t 10.98 11.20 22.18 11.09 Est 11,1

163137 S Herculis 5"

~~8~~ 9:47 c 0,4 d 8.39 8.14 8.26 Est 8,~~4~~ 2

011712 S Cassiop 5"

11:00 10.56 10.58 10.57 m 2.2 n Est 10 6

10 01 More cloudy especially in N.E.

S Ursa Majoris 5"

10,03 8.06 8.20 8.13 e 2,3 f

T Ursa Majoris 5"

10:04 l 3 N <10.>

— Ursa Majoris 5" <11

10.09 g 3 N

a 7 b 5 c 3 d 5 e ~~1~~ 10 f 4 e 5 g 3 f

Night very poor; more or less cloudy + hazy. Faint stars hard to see; considerable moisture in ~~the~~ air & some on telescope

10:30 lens. Closed up

(18) (1646)
(3) (241)
(8) (1239) L. P. P.

(Thursday) Aug. 17, 1905

JD -7075 H.C.O. L.C. Obs'r,

7 15 Twilight strong & some haze.

Mars. eye

7 32 Mars 3 # Arcturus -0.06
Mars 4 Vega -0.26
-0.16

7 32 30 -1 magn. meteor fell toward the horizon in the east.

7 35 Twilight still rather strong.

115919 R Comae Ber 5"

7 52 f 2, 3 g 8.71
8.38
8.54
est 8.6

region very low, obs not considered over accurate

093178 Y Draco 5"

7 59 b 0, 3 a 10th

133273 T Urs Min

8 08 Est comp *s h 5 k 4 l
var susp.
l 3 var 12th

Aug. 17, 1905.

213843 SS Cygni 5^h

8 10 o 2, 2 p 11.96

164319 RR Ophi 5^h

10.5

c 3, 1, 2 d

8 17 a 5 b 6 c 4 d 5 e 6 α 5 f

184205 R Scuti

f 1, 3 g 6.23 6.44 6.34

8 20

X & W Draco. 180666 180563

8 30 est w = k 2, 2 l 11.th

8 35 est X = N.S.

Est. comp ~~xs~~.

a 4 b 5 c 4 d 5 d 4 e 5 f 6 g

8 45 g 4 h 4 j 3 k 5 l 5 m.

f 3 α 3 g

h 3 β 3 j

Aug 17, 1905

180122 RW Herc. 5"

8 57 a 4 b 5 c 4 d 5 e 4 e'
e' 3 f 5 g 5 l 2 h 5 k

Var not seen

142584 R Camelop. 5"

Var not seen

9 07 k seen
~~k~~ e n

154428 R Coronae 5"

9 20 Var 5 f 6.68

9 22 clouds in S & W

154539 V Coronae 5"

9 32 10.75
10.76
10.76 g 4, 1 h Est 10.8

Hazy & some cloud, fog on
10 00 objective will have to
quit.

(10) (1656) L. P. P.
(3) (244)
(32) (1271)

Friday, Aug. 18, 1905

J.D. 2076 H.C.O. L. C. Albrecht

> 25 Twilight strong.

154428 R Coronae H.D.

> 35

l var 5 f 6.68

184205 R Scuti H.D.

> 36 b 1, 4 g

6.23
6.34
6.28

[illegible] Z Virginis 5

> 40 too low, in tree tops

150018 RT Librae 5

c 3, 2 d 9.2

> 54

151520 S Librae 5

> 57

10.39
10.25
10.32 n 2, 1 o Est 10.3

Mars

8 02 Antares 0 Mars Shade 130

Mars 2 Arcturus eye slow

Aug. 18, 1905

150605 Y Librae

8 10 a3,2d 9.2 5"

8 15 161122b RS Scorpii 5"

var susp. – t 11.3

5'

8 18 ~~[illegible]~~ 161122a R Scorpii not seen

142205 RS Virg

5"

8 32 m3,2n 11.8 ~~th~~

140113 Z Bootis 5'

8 44 var not seen

f3 n

174406 RS Oph. 5"

8 56 h 0,5 k 10.4

043065 T Camelop 5

9 05 k3,1l 11 th

Aug. 18, 1905.

064274 X Camelop 5–

9 13 α 0, 5 β 10.0

053068 W Camelop 5–

9 20 b 3, 0 c 8.67
8.98
8.82

054974 V Camelop 5–

9 25 δ 3 n

165631 R ~~T~~ V Herc 5–

9 35 d 6, 0 l 10.8 ~~11.5 d~~

170627 R T Herc 5–

9 40 9.8 e 5, 0 f 11th

171723 RS Herc 5–

9 50 c 3, 0 d 9.0

175458 T Draco 5–

9 ~~4~~56 h 5, 0 k 10.0

susp. var not seen

Aug. 18, 1905

175654 V Draco 5'

10 02 b 3, 3 c 9.6

— Coronae 154536 5

Var not seen

10 ~~12~~ 07 e 3 n

200514 R Capricorni 5'

var not seen

10 20 f 3 n <11.6

200822 W Capric 5'

10 28 Var susp = (?) h 3 var 11.8

201121 RT Capric 5'

10 38 a'' 4, 3 b' 6.5

Var red & bright

202622. RU Capric. 5'

10 47 12.0 β 5 var 11.5 ~~8~~

(20) (1676)
(5) (249)
(1271)

L. P. P.

Aug. 19, 1905 (Saturday)

~~ACO~~ ~~JD~~ 7077 L. C. Obs.

7 30 Twilight ~~still~~ strong

7 38 Some haze & light cloud

Mars.

7 40 α Scorpii / Mars (130)
mars / Arcturus eye alone

7 41 184205 R Scuti ~~att 9.~~
e 2, 2 f 5.85
5.93
5.89

7 42 154428 R Coronae ~~att 9.~~
d 3, 2 e 6.45
6.52
6.48

213843 S Cygni 5''
7 ~~48~~ 11.96 σ 2, 2 p est 12.0

103769 R Urs Maj. 5''
7 52 11.32
11.28
11.30 g 3, 2 r est 11.3

142539 V Bootis 5''
7 56 e 2, 2 f 9.0

151614 S Serpentis 5''
8 00 8.48
8.53
8.50 d 1, 2 e est 8.5

Aug. 19, 1905.

151731 S Coronae 5'

8 03 $\frac{11.53}{~~11.4~~}$ var 3 r est 11.5

153378 S Urs min 5'

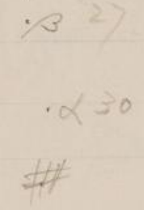
8 06 c 2, 2 c' $\underline{8.3}$

141954 S Bootis 5'

8 12 11.67 / 11.74 / 11.70 l, 3 m est 11.7

Exam of comp stars for Pallas +5°.3327 δ 5—11
+5°.3330

8 25



204846 RZ Cygni 5'

k 4, 2 l $\underline{10.8}$

8 55 a 5 b 4 c 6 d 3 e 4 f 5 g 3 h 2 k
k 4 l 4 m 5 n

Aug. 19, 1905

200812 R Vi. Aquilae 5''

9 30 β 2 γ 5 δ^{3} α^{3} ~~#~~ ε 5 ζ 5 η 3 θ 4 λ
λ 3 μ 4 π ^

Var not seen

190933 R δ' Lyrae 5''

α' ~~α~~ 5 β' 4 α 3 β 3 ζ 3 γ 5 ε' 5 η 2 θ
θ ~~η~~ 3 δ 3 ε

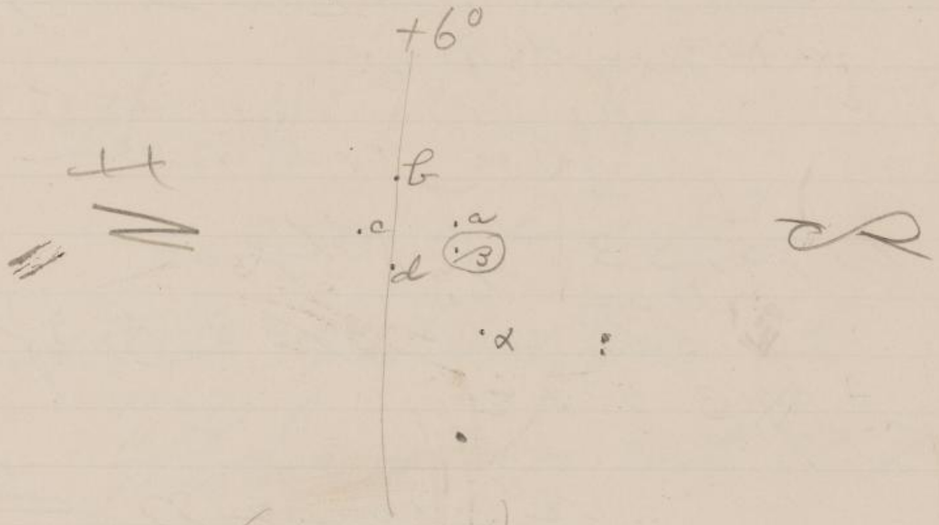
9 43 ε' 3 Var 2 η 10.5

10 10 Too Cloudy to continue

(12) (1688)
(1) (250) L. P. P.
(33) (1304)

Aug. 21, 1905 (Monday)

JD 7079 L. C. Obs & Rec H. C. O.



a 4 (β Var?)
α 6 d

8 16
d 5 ~~β~~ b
b ~~β~~ 5 ~~β~~ c
~~β~~ c 6 a

β = 11.5th magn.

Mars

Arcturus 3 Mars eye alone
8 20 Mars 5 Antares eye alone

Aug. 21, 1905

175111 R T Oph 5″

b ~~4~~ 2 a′ 4 a 5 d 2 e 5 ~~f~~ g 3 f
f 4 h 5 k 4 l

α & β not seen

8 40 g 3, ~~Var~~ f Var 3 h 11.0 ~~10.8~~

175458 ~~V D~~ T Draconis 5″

a 2 b 6 c 6 d 2 f ~~e~~ 4 g ~~4 e~~ 3 h
~~e~~ h 2 e 5 k 4 l 3 m 4 o 4 n 6 p
p 5 q

8 57 est T = h 5, 0 k 10.0
Est New Var near T. = N.S. <12

175654 V Draconis 5″

β 6 New Var near V Draco.
var bright.

9 12 δ 6 ε, ε 5 a, 6 η 4 b 3 d 5 c 3 f 4 e
3 g α & j not seen
Var not seen

Aug. 21, 1905.

170215 R Ophiuchi 5"

9 18 9.02 k 2, 2 l est 9.0

163266 R Draco 5"

9 22 8.86 8.86 8.86 g 3, 2 h est 8.9

180531 T Herc. 5"

9 24 8.79 8.74 8.76 h 1, 2 k. est. 8.9

162807 SS Herc. 5"

9 28 f 3, 2 g 10.5 10.5 ~~th~~

164715 S Herc. 5"

9 32 8.71 8.68 8.70 h 4, 1 k est 8.7

161138 W Coronae 5"

Var not seen

9 40 d 3 ~~ff~~ e 6 f 4 g 4 h

191019 R Sagittarii 5"

9 45 8.02 7.93 7.98 f 1, 2 g est 8.0

Aug. 21 1905 -

190818 RX Sagittarii 5

9 48 c 5, o d 9.7

190819 RW Sagittarii 5

9 50 d 7 var o d' 10.2

191321 Z Sagittarii 5

9 55 11.08 k 3 var if correctly identified.

191017 T Sagittarii 5

10 00 11.5 l 1, 3 m 11.5th

160118 R Herc.

10 08 9.10 h 2, 2 k est 9.2

160625 RU Herc 5

10 17 l 3 n

160150 RR Herc 5

c 2 var 2 e 8.7

10 24 b 3 a 5 c 4 e 2 d 4 f 0 g 1 k
k 3 h 3 l

Aug 21, 1905

154615 R Serpentis 5"

8.70
8.85
10 29 8.78 d 3, 4 e est 8.8

021558 S Persei 5"

9.73
9.62
10 34 9.68 g 2, 3 h est 9.7

024356 W Persei 5"

10 40 g 5, 0 k 9.9

230110 R Pegasi 5"

8.80
8.77
10 48 8.78 k 1, 3 l est 8.8

10 50 moon up, sky very hazy & obs. difficult now.

11 00 Closed up.

(21) (1709) L. P. P.
(4) (254)
(49) (1353)

(Tuesday) Aug. 22, 1905

H.C.O. J.D. 7080 L.C. ~~Ob~~ O Rec

R Bootis 5"

9 ~~2~~30 k 2, 2 l

9.16
9.04
9.10

181136 W Lyrae 5"

9 38 f 4 var 12th

Var f barely seen.

183225 RZ Herc. 5"

9 45 chart not good enough for positive identification of the var. Var < 11th sure.

184134 RY Lyrae 5"

9 52 Var n.s.

≤ 6 n

185032 RX Lyrae 5"

120

9 56 b 1, 4 c

185634 Z Lyrae 5"

c ≥ var.

10 00 Var just seen = 12th

Aug. 22, 1905

ST Sagittarii

185512

~~10~~ ~~If Var is correctly placed~~
~~Est = f 1/1 g 11.3~~

~~Est of *s~~
10 17 b 3 a 2 d 3 c 4 e 5 f 2 g 3 k 4 h
h 5 l

120

Est Var h 3, 2 l 12.6

184243 RW Lyrae 5"

10 30 ~~b~~ 2 n

190529 V Lyrae 5'

10 38 Var n. s.
j 8 n

190925 S Lyrae 5'

Var not seen with certainty

10 43 No faint chart at hand yet

Aug. 22, 1905

191637 RR Lyrae 5^m

10 ~~48~~ 10.5 [illegible] var 10.5 th

1929~~21~~16 TY Aquii 5^m

β 3, 2f 10.5 th

10 52

1110 Closed up.

(7) (1716) L. P. P.
(5) (209)
(9) (1362)

(Wednesday) Aug 23, 1905

HCO JD 7081 L. C. Obs Rec

213843 SS Cygni .. 5"

7 40 $\frac{12.07 \\ 12.04}{12.06}$ o 3, 1 p est 12.0

154428 R Coronae F.K.G.

7 45 d1,3 e $\frac{6.25 \\ 6.42}{6.34}$

184205 R Scuti F.G.

7 46 d1,3 f $\frac{5.75 \\ 5.83}{5.79}$

Mars eye

0.44 Arcturus 2 Mars eye alone
7 48 1.32 Antares 1 Mars eye & shade 130
0.62 Mars 6 Antares ~~eye~~ alone

151822 RS Librae 5"

7 58 b4,0c 9.3

122532 T Can Ven 5"

8 06 f0,4g 10.0

Aug 23, 1905 T.

160021 Z Scorpii 5"

8 10 ~~e 0~~ 9.4

d 3, 1 e

162112 V Ophiuchi 5'

8 16 est Var α 4, 0 β 7.0

est comp ☆s.

α 3 β 6 a 4 ~~c~~ c 3 b 3 d 4 e

4 f 2 δ 5 g 5 k 5 h 4 l

162815 T Ophiuchi.

8 25 k 4 var 11.0

162816 S Ophiuchi.

8 30 ~~m 3, 1 n~~ 11.5

m 0, 3 n

161607 W Ophiuchi

If Var is certainly seen

est Var = h 5 var 1 l 11.8

8 46 est comp ☆s = a 6 c 4 b 4 d 6 e

e 5 f 6 g 5 k 4 h 5 l

l susp

Aug 23, 1905

174406 R Ophiuchi 5–4

a 7 d 3 b 2 c 3 e 4 f 3 g
g 0 h 6 k 5 l 4 m k 3 n

9 08 Est Var h 2, 3 k 10.6

9 10 clouds

9 20 "

9 30 "

9 50 Clearer again

193809 RV Aquilae 5"

β 3 α 6 α′ 3 j 6 δ 4 ε 4 η
η 4 ~~ζ~~ ζ 4 θ 5 λ
μ & π not seen
10 05 j 2 var 3 δ 9.5

210504 R Aquarii 5–4
Var β 5, 0 g 10.6

10 17 a 3 a′ 6 d 5 b 3 c 6 α 5 β 5 g
g 6 h 4 k
l not seen

Aug. 23, 1905.

210903 R R Aquarii 5"

10 22 f 2, 3 g 10.~~5~~0

210516 Z Capric. 5"

10 26 f 3, 1 e 90.5 ~~Ub~~

211615 T Capric 5"

10 30 b 2 N < 12.0

212814 Y Capric. 5"

10 35 b 1 N

200906 Z Aquilae 5"

10 43 f 2, 3 e ~~7.00~~ 9.8

Aug. 23, 1905.

203905 Y Aquarii 5

Var not seen

10 47 e 6 N

204104 W Aquarii 5

8.5

10 50 a 4, 2 c

204215 U Capric. 5^{11}

10 56 h 3 N <11.8

11 00 closed up

(18) (1734)
(4) (263) L.P.P.
(50) (1412)

(Thursday) Aug. 31, 1905

J.D.-7089 L.C.-Ob. of Rec. H.C.O.

Nova Aquilae No 2 5"

7 48 d 2, 4 11 h

10th magn. ~~see Prof Pickering's chart~~

Y Scorpii

8 08 Region too low; moisture on eyepiece very heavy

~~144918~~ U Boötis 5"

8 15 d 4, 2 e Est 10.8

181136 W Lyrae 5"

Est of comp stars

a 6 b 5 c 4 d 1 e' ~~5 e~~

8.33 ~~e 4 2~~

~~e'~~ 2 f' 3 e 4 g 2 f 3 h 5 ~~k~~ l

l 3 k f 4 m

Var N.S.

160625 RU Herc. 5"

est comp stars

9 00 h 5 k 3 m 3 l 5 n

fainter stars & Var not seen

Aug. 31. 1905

044880 — cephei 5

algol var

9 12 — a. 3, 3 b 9.5 ~~do~~

9 20 Clouds over greater part of sky.

9 35 Too cloudy

(3) (1737)
(2) (265)
(16) (1428) L. P. P.

1905phae.proj..758O

Sept. 1, 1905 (Friday)

J.D. 17090 L.C. Obs. & Rec. H.C.O.

~~Nova Persei~~

8 30 Nova Aquilae No 2

$\overset{d}{\alpha}$ 2, 4 $\overset{h}{\cancel{b}}$ 10.3 $\underline{\underline{d}}$ magn

165631 RV Herc. 5"

Est comp ✱s

8 55 e 7 k 2 a 4 b 5 h 5 d 6 l 4 α 4 β

Var not surely seen

170627 RT Herc 5"

~~est comp stars~~

a 4 b 3 α 4 b' 1 c 5 α 6 β 3 z d
d 6 e 2 f 5 g

9 07 e 2 var 0 f $\underline{\underline{9.8}}$

$\underline{174406 \text{ R}}$ S Ophiuchi 5"

~~est comp stars.~~

9 17 a 8 d 4 b 3 c 5 e 3 f 4 g 0 h 6 k
k 4 l 4 m 3 n / h 1 var 4 k $\underline{\underline{10.5}}$

Sept. 1, 1905.

154428 R Coronae HG

9 20 c 0, 4 d 5.94
5.75
5.84

184205 R Scuti HG

9 22 d 2, 2 e 5.39
5.45
5.42

014880 – Cephei Algol Var

9 32 e 5 var 11.5 th

123961 S Urs. Maj, 5''

9 36 7.82
7.66
7.74 d 3, 2 e est 7.8

134440 R Can Ven 5''

9 40 11.18
11.29
11.24 g 0, 4 r est 11.3

160625 RU Herc 5'

Est comp ~~stars~~

9 48 h 4 k 3 m 4 l 6 n

fainter stars not seen

Sept. 1, 1905

044880 — Cephei 5"

9 51 e 6, 2 f 11.7 ~~th~~

~~f faint star fol. 6 or 7 [illegible]~~

~~given in A.N.~~

Var & f difficult to see.

162119 U Herc. 5"

9 53 Var susp, est b = t 3 var

11.90

Est 11.9

163137 W Herc 5"

9 57 8.54
8.78 d 4 o e est ~~8.8~~
8.66

183225 RZ Herc. 5"

est Comp ~~stars~~.

10 12 a 4 c 3 b 4 α 3 d 4 e 2 ~~f~~ g
g 3 f 5 h 5 k
Var susp but not surely see

Sept 1, 1905

044880 — Cephei 5"

10 16 e 5 N

184134 · R Lyrae 5"

Est & sel. of comp ~~stars~~

10 23 β 3 α 6 γ 4 ε 3 ε' 5 ζ
ζ 5 η 4 θ 4 δ

Var N.V.

185737 RT Lyrae 5"

sel & Est of sequence

α 3 β 5 γ 3 δ

10 37 V and ~~fainter~~ ~~stars~~
not seen

044880 — Cephei 5"

e 3 N

10 40

Moisture in air and on
objective. (11) (1748)
(8) (273)
(53) (1481) L. P.

(Tuesday) Sept. ~~4~~ 5, 1905.

H.C.O. - S.R. 7094 L.C.Ob. Bowie Rec.

Nova Aquilae No. 2 ~~R~~ 5"
~~g 3, 2 h~~ 18 56 04
~~8~~7 56 g 3, 2 h 10.4

Rest of sequence
Clouds
~~b 6 a' 8 a~~ clouds
b 6 c 3 d 4 e 4 f 1 g ~~6 h~~ 4 l 3 h 5 k
k 3 n 5 m 5 o
Fainter stars not seen
Sky cloudy at times but clearer at end.

154428 R Coronae ~~Sy~~ F. G.
8 42 c 3, 1 d
6.24
6.05
6.14

8 43 184205 R Scuti F. G.
d 0, 4 e
5.19
5.25
5.22

044880 - Cephei Algol Var. 5"
8 56 9.5 a 1, 4 b ~~full brightness~~
a 5 b 6 c 2 d 4 e 6 f
g + h not seen

Sept 6/1905.

190108 R Aquilae 5"

9 56 p 1, 1 q 11.24
11.31
11.28

201008 R Delphini 5"

10 6 q 2 var 12.04

X 204318 V Delphini 5'

10 13 e 2, 5 f ~~11th~~
10.7 ~~105th~~

185604 Nova Aquilae 5'

reestimate of bright stars.

b 6 c 3 d 4 e 3 f 4 g $\overset{3}{5}$ l 5 h 2 k

10 53 k 3 n 4 m 4 o

10 54 l 3, 2 h 10.4

210868 T Cephei 5"

A.58
10 58 A.58 q 4, 2 k bst = 8.6
A.58

Sept. 5, 1905

194632 χ Cygni 5"
1222
12.10
12.16
11 02 b 3, 1 m Est 12.1

204405 T Aquarii 5"
11 06 7.94 g 1, 1 h Est 8,0

194048 RT Cygni 5"
11 10 f 2, 2 g. 9.0

194348 TU Cygni 5"
11 12 < b var. 11th <α

201647 U Cygni
11 15 d 0, 4 e 7.10 7.37 7.24 5"

(14) (1762)
(273)
(27) (1508)

L. P. P.

(Wednesday) Sept. 6, 1905

L. C. Obs. H. C. O.
J. D. 7095 Bowie Recorder

Nova Aquilae No 2 5"
Est. of sequence
b 5 c 3 d 3 e 2 f 1 g 4 l 5 h 2 k
8 0 k 4 n 4 m 5 o
Est. of Nova
l 2, 3 h
Region clear during observations but moon brighter & nearer than on last evening

044880 – Cephei Algol Var 5"
8 5 a 0, 6 b Full brigh

Mars unaided eye
8 7 Arcturus 5 Mars 0.74
Mars 5 Antares 0.72
0.73

154428 R Coronae F. G.
8 13 c 2, 2 d 6.14
5.95
6.04

Sept. 6, 1905.

213843 S S Cygni 5"

8 15 12.67 03, 1p est 12.0
12.04
12.06

171401 Z Ophiuchi 5"

8 27 b2, 3c 8.5

001755 T Cassiop 5"

8 33 11.02 n 5, 0 o ~~est 11.5~~
11.02
11.02

001838 R Androm 5"

8 37 ~~9.90~~ n 5, 0 w est 12.0
12.06
11.97
12.02

190967 U Draconis 5"

sel. & est. of sequence.

ζ α 3 η ε 5 β 3 6 δ ~~delta~~ 5 γ 3 ζ ~~zeta~~
ζ ~~zeta~~ 5 η ~~eta~~ 4 θ ~~θ~~ 4 μ ~~mu~~ 4 ~~lambda~~ λ
Fainter comp. star not seen
est of var 11.2

9 13 γ 2, 2 ζ ~~zeta~~

Sept. 6, 1905.

Fix finder on 5"

183308 X Ophiuchi 5"

9 23 a'' 3, 1 a 7.1

est. of sequence

α 5 a' 3 a'' 3 a 5 b 4 c 1 d ~~e~~

9 29 ~~e~~ d 3 f 3 e 4 g 3 h 2 k 3 l

~~Est of v~~

184243 RW Lyrae 5"

Sel. and est. of sequence

α 2 α' 6 β' 2 γ 4 γ' 4 a 3 β

9 45 β 5 η 4 θ 3 δ 6 ε

ζ ~~zeta~~ not seen

ε 2 var 12.0

var just seen

044480 – Cephei Algol Var 5"

9 33 a 0, 5 b

Normal

195308 RS Aquilae 5"

10 5 h 5, 0 k 10.6

Sept 6 1905

20 07 15 a S Aquilae 5"
f 3, 3 g 9.5
10 14 Star h considerably brighter than f

20 28 17 Z Delphini 5"
10 20 l 2, 3 e 10.8

21 05 12 R Aquilae 5"
10 28 α 3, 3 x 10.5

21 16 14 X Pegasi 5"
10 31 a 5, 2 b A.S.

21 56 05 V Pegasi 5"
Var. not seen
10 35 .g 4 n

Sort charts
(17) (1778)
(1) (274)
42 (1550)

L. P. P.

Sept 8 1905 (Friday)

J.D. 7097 Campbell Obs. Bowie Rec. H.C.O.

154428 R Coronae F.G.

6.04
5.85
5.94
~~3+~~

7 44 c 1, 3 d est 5.9

184205 R Scuti .F.G.

5.17
4.99
5.08

c 2, 2 d Moon near

7 45

185604 Nova Aquilae No. 2 5"

Moon near region but sky clear

7 47 l 3, 2 h

Stars fairly well seen est. considered good

213843 SS Cygni 5"

11.87
11.84
11.86

7 59 o 1, 3 p est 11.9

044480 - Cephei 5"

7 52 a 2.4 b

Sept. 8 1905

Mars

Arcturus 5 Mars, Mars 5 Antares

7 58 Unaided eye Bowie Obs 8.~~4~~3

8p

Pallas ~~79~~ 5"

8 13 a 4, 3 b Est. 9th

175111 R T Ophiuchi 5"

Est of sequence & exam of region.

~~Old a' proved to be an imperfection in the print; new a' undoubtedly intended for a'~~

8 24 Est. var. = g 4, 1 h 11.2

See below

123961 S Ursa Maj. 5"

8 16 d 4, 1 e

7.92
7.56
7.8x

175111 R T Ophiuchi 5"

a'' is the star selected by the director for old a', new a' selected tonight and probably the one ~~obs~~. for a' on Aug. 21

8 34 b 5 a' ~~a~~x 3 a 6 d 1 e 6 g

g 4 f 4 h 5 k 4 l g 4 a'' 2 f

Sept 8, 1905

210382 X Cephei 5''

α ~~β~~ 5, 1 ~~delta~~ δ . 9.8//

Lst of sequence

8 53 k 1 α 2 ~~β~~ β 4 ~~beta~~ γ β 3 β' ~~4δ~~ δ

β' 1 l 5 δ ~~[illegible]~~ 4 ε 6 η ~~β~~ 5 θ 5 ζ

ζ just barely seen

214024 RR Pegasi 5''

9 17 a 2, 3 b 10.5th

215934 RT Pegasi 5''

9 23 η 1, 5 ζ 11.6// 11th

(84) Klio

5''

9 34 a 4, 1 b 8.8//

(79) Eurynome 5''

9 45 Asteriod not found

220613 Y Pegasi 5''

9 57 γ 4 ε 2 δ 9.0//

Sept. 8, 1905

231424 W Pegasi 5-4

10 12 ~~A~~ α 5 N

235182 V Cephei ~~H~~ H.T.G.

10 14 c 4, 5 d. 664

235209 ~~R~~V Ceti

10 30 g 2 N

035127 ~~Tauri~~

— Tauri Algol Var. 5"

10 39 c 4, 2 d −2

Circular 104 Notation

011208 S Piscium

10 53 ~~[illegible]~~ m 2 N <12.2 5-11

Sept. 8 1905

011712 U Piscium 5"
11 00 var suspected if seen est =
g 5 var 12.21

012502 R Piscium 5"
11 06 10.40
10.44
10.42 o 1, 2 p est 10.4

021024 R Arietis 5"
11 11 11.78
11.80
11.79 p 2, 1 q est 11.8

021403 o Ceti 5"
11 16 969 ε 5 var. est 9.7

(21) (1799)
(3) (277)
(21) (1571) L. P. P.

Sept. 9 1905 (Saturday)

J.D. 7098 Campbell Obs. Bowie Rec. H.C.O.

035727 — Tauri Algol Var 5"
11 19 h3, 1k 19

044880 — Cephei Algol Var 5"
11 21 a2, 3b Full brightness

035727 — Tauri algol Var
11 25 k0, 3 ~~[illegible]~~ l 20 5"

021403 o Ceti 5"
9.69
11 27 ε 5 var Est 9.7

S Ceti 5"
11 31 001~~1~~909 m3, 0m est 10.5
10.49
10.49
10.49

035727 — Tauri 5"
11 34 k3, 1l 23
11 45 b5, 0m 29
13 49 g1, 4h 12
14 15 e3, 1f 5

Sept. 9. 1905.

– Tauri (cont)

14 33 d 2, b 1, 3 f 3
14 47 d 1, 1 e 1

15 05 c 4, 2 d -2

015254 U Persei 5"

8.15
8.23
8.19
11 44 a 1, 5 b est 8,2

Fix finder

022000 R Ceti 5"
12 17 Var. seen <11.5
o 3 N

U Ceti 5"

8.59
8.70
12 27 022813 g 3, 2 h est 8,7

024217 T Arietis 5"
12 40 e 3, 1 f 8.9

Sept 9, 1905

030514 U Arietis 5"

12 47 g 3 U ξ <11.5

050953 R Aurigae 5"

13 0 9.48 / 9.52 / 9.50 g 2, 2h est 9.5

79 Eurynome 5"

13 23 a 2, 3b 9.2

See D.M. Chart also Plate M

I 33329

031401 X Ceti 5"

14 24 a 4, 1c 8.9

054920 U Orionis 5"

~~b 3 3m~~

14 29 8.67 / 8.76 / 8.72 b 4 1m est 8.8

Star sf of U Orionis 5"

14 31 10.86 / 10.95 / 10.90 r 3, 1 s est 10.9

L. P. D.

(20) 1819 + 13 from 15" book = 1832

(2) 279 — = 279

1571 + 32 from 15" book = 1603

Sept. 14, 1905 (Thursday)

J.D 7103 L C Ob— HCO

Mars unaided eye

7 00 Mars 5 ant. 0.73 Arct 5 Mars

5" Nova aquilae No 2.

185604

7 12 10.62 — l H, 1 k final notation

Pallas 5"

7 32 c 0, 3 d 9.3 d

Klio 5"

moon too bright for sure ident

But asteroid may be seen, if

7 43 so est =

c 3 asteroid 9.5 H

154428 R Coronae Bor

7 56 6.24 5.95 6.10 c 3, 2 d

045680 — Cephei Algol Var

5"

8 03 e 4 var

151614 S Serpentis 5"

8 06 9.02 9.02 9.02 j 0, 3 h est 20

Sept. 14 1905

151731 S Coronae 5"

8 09 10.86 / 11.09 / 10.98 p 6, 0 q ± est 11.0

142539 V Bootis 5"

8 12 a 3, 2 b 7.8

143227 R Bootis 5"

8 13 9.98 / 10.09 / 10.04 m 3, 0 m est 10.0

163266 R Draco 5"

8 24 10.86 / 10.87 / 10.86 m 3, 10 est 10.9

044880 — Cephei 5"

8 26 e 3 Var

160118 R Herc 5"

8 29 10.10 / 9.97 / 10.04 m 2, 3 m est 10.1

153378 S Urs Min 5"

8 35 c' 3, 2 d' 8.5

Sept 14, 1905

044880 — Cephei 5"

8 48 d 1, 2 e

093178 y Draco 5"

8 58 δ 3, 2 3 9.0

044880 — Cephei 5"

9 00 d 1, 3 e

133273 T Urs Min 5'

9 10 h 3 n

044880 — Cephei 5"

9 17 c 2,, 1 d

191019 R Sagittarii 5

9 20 8.9 3 / 8.5 6 / 8.74 k 3, 2 l est 8.7

190819 RW Sagittarii

9 22 f 3, 2 g 16.5

Sept. 14 1905

190818 RX Sagittarii 5-4

9 24 e 3, 8 f 109

191321 Z Sagittarii 5-6

Var invis

9 30 e 3 h <10.0

044880 — Cephei 5-4

9 32 b 3, 1 c

191007 W Aquilae 5-4

9 38 c ~~4~~ 3 2 d 9.8

Est of sequence

a 4 b 5 c 6 e 2 d 6 f 4 g

g 5 h

9 46 fainter stars not seen

044880 — Cephei 5-4

9 57 b 3, 3 c

Sept, 14, 1905

175519 RY Herc 5"

10 09 a 2, 3 a' 9.5

044880 — Cephei 5"

10 29 — b 2, 4 c

035727 — Tauri 5"

10 33 c 1, 4 d.

213843 SS Cygni 5"

10 38 8.80
8.60 c 3, 0 d est 8.7
8.70

044880 — Cephei 5"

10 45 — b 2, 4 c

Moon very bright ~~tonight~~ but sky very clear most of the evening. Air very damp & cool.

(29) (1861) L. P. P.
(2) (281)
(7) (1610)

(Thurs) Sept. 21, 1905

D 7140 Z.C. Obs. L.A.C.D.

Nova Aquilae 5"

7 15 k 2, 2 m 10.88 11.08 10.98

SS Cygni 5"

7 20 d 3, e, 4 f 8.90 8.90 8.99 8.93

Mars

7 22 Arcturus 7 Mars 0.94
unaided eye

123961 δ Urs Maj 5"
7 27 e 1, 4 f 7.96 8.10 8.03 Est 8.1

123160 T Urs Maj 5"
7 29 11.56 11.63 11.60 n 3, 10 Est 11.6

— Urs Maj 5"
7 34 e' 5 ~~M~~ N

Sept. 21, 1905.

185032 R X Lyrae 5"

4 50 b 4 a'' 2 a 4 α 3 α' 4 c 4 d 5 e

Var not seen

Pallas 5"

7 58 e 3, 1 e'

see Dw chart

044880 — Cephei

10 24 a 2, 4 b

full brightness

235350 R Cassiop 5"

11.66
11.58
11.62

10 40 r 3 var 2 s

est 11.7

(8) 1869
(2) (283)
(4) (1617)

L.P.P.

Sept. 22, 1905 (Friday)

J.D. 7111 L.C. Obs. H.C.O.

213843 SS Cygni 5"

>22 9.79
9.62
9.70 f H, og

185604 Nova Aquilae 5"

>30 11.38
11.34
11.36 m, 1, 2 n

014880 — Cephei 5"
a 1, 4 b

>36

170215 R Ophiuchi 5"

>37 11.09
11.27
11.18 p 4, 09 est 11.0

(4)(1873)
— (283)
— (1617) L.P.

Sept. 23, 1905 (Saturday)

JD 7112 L.C. Obs H.C.O.

184205 R Scuti A.G.

7 15 e 2, 3 f 5.85
5.83
5.84

154428 R Coronae A.G.

7 17 b 4, 2 c 5.96
5.74
5.85

185604 Nova Aquilae No 2

7. 33 n 2, 3 o 11.74 5-11
11.80
11.77
5-11

035727 — Tauri

9 35 l 2, 4 n (25)

10 29 d 2, 3 e (1)

(5) (1878)
— (283) L.P.P.
— (1617)

Sept. 25, 1905 (Monday)

J.D. 7114 · L.C. Ob. H.C.O.

21.3843 SS Cygni 5"

7 07 var. 3 m 10.60

185604 Nova Aquilae No 2

7 10 m 1, 40 11.97

2 (1880)
— (283)
— (1617)

L. P. P.

Sept. 26, 1905 (Tuesday)

J.D. 7115 L.C. Obs H.C.O.

β & ζ Herc. eye

7 42 β 2 ζ 2 δ / β Draco 2 β Herc

β Draco 3.0 β Herc = 3.0
δ Herc 3.2 ζ Herc = 3.2

Mars eye

7 00 Arcturus +7 Mars Est 0.9

(3) 1883
283 L.C.
1617

Sept 28, 1905 (Thurs)

JD 7117 L.C. Obs ACD.

8 13 154428 R Coronae ACD
b 4, 1 c 5.96
5.84
5.90

8 15 184205 R Scuti ACD
e 2, 3 f 5.85
5.83
5.84

β Herc. eye

8 16 β Draco 1 β Herc 3.09
β Herc 2 δ Herc 2.96
3.02

ζ Herc eye

8 17 β Draco 2 ζ Herc 3.19
ζ Herc 1 δ Herc 3.06
3.12

8 18 β Herc 1 ζ Herc eye

5 (1888) L.P.
(283)
(1617)

(Tues.) Oct. 3, 1905

JD. 7122 HCO. LC Obs

206016 T Delphini 5"

9 16 10.02 / 10.08 / 10.05 g 0,5 h est 10.0

185604 Nova Aquilae No. 2 5"

9 20 m 3, ~~4~~ 1 n 11.58 / 11.44 / 11.51

204705 T Aquarii 5"

9 23 7.93 / 7.94 / 7.94 g 1,1 h est 7.9

044880 — Cephei 5"

9 26 a 3, 2 b

210868 T Cephei 5"

9 29 9.65 / 9.60 / 9.62 m 0, 5 n est 9.6

203816 S Delph

9 35 k 1,1 l 10.8

Oct. 3, 1905

202817 Z Delph. 5"

9 40 ε 5 Var 11.5

203611 y Delph. 5"

9 45 Var inivis β 5 n

201647 U Cygni 5"

9 48 6.82 c 3, 3 d est 6.8

235182 V Cephei F.G.

9 52 6.7 c 1, 4 d est 6.17

213244 W Cygni. F.G.

10.02 6.21 α 1, 5 β Est 6.2

200938 RS Cygni 5"

10 06 8.17 7.98 8.08 g 0, 3 h est 8.2

Oct. 3, 1905.

202539 RW Cygni 5"

10 10 d 0, 3 e 8.5

213753 RU Cygni 5"

10 23 b 3, 2 d 8.0

Ceres 5"

Pos. 22 53 06 -23 24.6

10 29 a 6, 2 b see Schwing

013254 U Persei 5"

10 34 8.83
8.77
8.80 c 0, 2 d est ~~8.8~~

021403 o Ceti 5"

10 39 9.49 δ 3 Var est 9.5

Hagens Var near o Ceti

10 40 (1) 4, 2. (2) 10.0

Oct 3, 1905

001809 S Ceti 5—"

10 44 11.77 q 3, or est 11.8
11.74
11.76

022813 U Ceti 5—4

10 48 10.94 p 4, q est 10.9
10.95
10.94

021024 R Arietis 5'

10 53 12.02 var 3 r est 12.0

035727 — Tauri algol var

1056 c 2, 3 d H.B.

21 — 21 L.P.P.
1 — 1

Oct. 4, 1905 (Wed.)

J.D. L.C. Obs H.C.O

7 27 143227 R Bootis 5"

g 2, 2 r est 11.5

11.48
11.53
11.50

154428 R Coronae ALS

7 29 c 0, 3 d 5.94
5.85
5.90

184205 R Scuti ALS.

7 30 e 2, 2 f 5.85
5.93
5.89

213244 W Cygni ALS.

7 31 α 4, 0 β 6.4

044880 - Cephei 5"

a 2, 3 b

7 35 ~~Too cloudy~~

153378 S Urs Min. 5"

7 47 a 4, 2 c 8.0

Oct 4, 1905

180531 T Herc. 5"

7 50 ~~8.7~~ h3,0k est 9.0
8.99
8.94
8.96

~~16~~0118 R Herc 5"

~~7~~8 12 10.57 n3,0o est 10.6
10.70
10.64

~~16~~ 151714 S' Serp. 5"

8 15 10.58 l5,0m est 10.6
10.50
10.54

142539 V Bootis 5"

8 18 α 5'1 a 7.7

151731 S' Coronae 5"

var not seen

8 20 <10.8 p5—n

164715 S' Herculis. 5"

8 24 11.16 q3,1a est 11.2
11.22
11.19

Oct 4, 1905.

165266 R Draco. 5"

8 28 11.28 σ 3, 3 p ast 113

035727. — Tauri 5"

8 29 .562 −.054 " d 2, 2 e 1 "

8 48 .575 −.041 " d 4, 1 e 3 "

9 04 .586 −.030 " g 3, 4 k 14 "

9 27 .602 −.014 k 5, 0 l 24

see 24" book.

Oct 4, 1905.

175579 RY Herc. 5"

8 36 a' 4.3 b' 10.5 th

a 6 a' 3 a" 4 α' 4 β 5 b' 5 c
c 5 e

9 00 reject b from sequence

fainter stars not seen tonight

Ceres 5"

9 02 a 3, 3 b

same Not. as on 3d

194048 RT Cygni 5"

Too cloudy

10 28 clouds from east

(18 – 39) Var. L. P.
1 – 2 N.S.
7 – 7 * ests.

(Thurs.) Oct 5, 1905

JD 7124 L.C. Obs. H.C.O.

7 10 Mars unaided eye
0.94 Arcturus 7 Mars

185604 Nova Aquilae No 2
11.84
12.00
11.92
7 15 n 3, 1 0 11.7th

7 25 finder out of order, stopped
to repair same

044880 — Cephei 5"
7 34 a 1, 4 b 9.5th

Pallas 5"
19 56 23 +4 10
8 00 If object is correctly ident.
est = 9 ⊙ Pallas
h 6 Pallas 10.5th

not Pallas

Klio 5"
8 12 d 2, c 2
10th

not Klio

Oct 5, 1905.

183308 X Ophiuchi 5"

8 22 a" 2, 1 a 7.2 8th

α 4 a' 4 a" 3 a 5 b 5 c o d 5 e 4 f

8 26 f 4 g 4 h 5 k 3 l f.

195202 RR Aquilae

5-7

Var 5 f see chart. 11th

8 37 look up plate

Y Pegasi

8 52 Var N.S. < 11

RS Pegasi

8 53 α 0, 6 β 9th

Lutetia 5"

9 05 a 4, 0 b 9th

Oct. 5, 1905.

093178 Y Draco 5"

9 30 α 3, 3 β 8.8

[illegible] 210382 X Cephei 5"

γ 5, 1 δ 10.0 10.5 tb

9 55 k 2 α 4 β 5 γ 3 β 4 e 4 δ
δ 5 ε 5 η 4 θ
ζ not seen

194048 RT Cygni 5"

10 13 10.7 ~~β~~ α 3, 2 β 10.5 tb

194348 TU Cygni 5"

10 18 11.5 α 0, 4 β 10.8 tb

191350 TZ Cygni 5"

10 35 10.0 α 3 var

Oct 5, 1905.

031401 X Ceti 5''

1040 a 3, 1 c 8.8

054920 U Orionis 5''

~~f~~

1044 9.56 T o 2, 1 p est 9.6

9.56

9.56

star 9

1046 10.26 9.32

~~f 2~~

044880 - Cephei 5''

~~a~~

1052 a 1, 4 b

(18) - (57) L. P. P.

(1) - (3)

(21) - (28)

Oct. 6, 1905 (Friday)

J.D. 7125 L.C. Obs. H.C.O.

044880 — Cephei 5"

7 15 a 1, 4 b 9.5 ~~tb~~

R Coronae H.B.

7 38 d 3, 2 d 6.24 / 5.95 / 6.10

123160 T Urs. Maj. 5'

7 35 9.57 / 9.65 / 9.61 h 4, 2 k est 9.6

123961 S Urs. Maj. 5'

7 37 8.16 / 8.30 / 8.23 e 3, 2 f est 8.5

Pallas 5'

10.0 f 0, 3 g see DM

7 45 correctly ident. tonight.

Klio 5"

10.0 a 3, 3 b see plate

8 02 I 33432

Oct. 6, 1905 —

8 08 Ceres 7.7

7.3 a 3, 4 b

9 20 Lutetia 5—4

9.0

a 4, 1 b

see DM.

194632 χ Cygni 5—

9 50 10.18 / 10.22 / 10.23 / 10.21 γ 3, 0 g, 3 α est 10.2

004533 R R Androm 5—

10 00 a' 3, 1 a'' 8.3

Harmonia

10 10 b 3, 1 a 9.8 ~~10~~

235715 W Ceti

10 30 b 2, 3 c 5' 8.5

(12 — 69)
(— 3)
(— 28) L. P. P.

(Sat.) Oct. 7, 1905

JD 7126 L. C. Obs. HCO

bright moon

044880 — Cephei 5"

7 12 a 3, 2 b 9.7

slightly fainter?

Klio 5"

7 32 a 5, 0 b 10.2

044880 — Cephei

5"

7 50 a 2, 3 b 9.6

W Herc 5

163137 b 2, 2 c Est 10.0

9.96

7 53

035727 — Tauri 5"

7 55 538 +1,53 c 6, 1 d

8 04 185604 Nova Aquilae No 2

m 5, 0 n 11.78 11.54 11.66

8 08 star a of sequence 5

11.50

Oct. 7, 1905

235782 V Cephei ~~A.L.~~

8 13 c 1, 5 d ~~Ka. A.~~ 6 6.74

185512 S T Sagitt 5"

α 4, 3 ~~3~~ b 8.5 ~~the~~

8 23 α sel ∂ marked est α 7 b

— Tauri 5"

8 25 .559 +.174 c 4, 3 d 0

9 02 .585 +.200 c 3, 4 d −1 5"

(11) — (20) L. P. P.
(3)
— (20)

Oct. 9, 1905 (Monday)

JD7128 L.C. Obs. H.C.O.

moon bright sky hazy.

7 27 044680 — Cephei 5"
a 4, 0 b 9.8

7 43 a 4, 0 b 9.8

193311 RT Aquilae 5"
h 3 var 10.8 [illegible]

clouds in ~~South~~ East

044680 — Cephei 5"
8 21 b 1, 4 c 9.9

192928 TY Cygni 5"

8 28 α' 2, 3 α 9.3 9.[illegible]

004958 W Cassiop

8 40 l 3, 3 α 9.[illegible] 10.[illegible]

044680 — Cephei 5"

8 42 b 1, 4 c 9.9

Oct 9, 1905

0125-02 R Pisc. 5"

9 ~~10~~ 45 Too much dew on glass to observe

(7) (A7) L. P. P.

(3)

(28)

Tuesday Oct. 10, 1905

JD. 7127 L.C. Obs. H.C.O.

Moon quite bright

044880 — Cephei 5

7 07 a 2, 3 b

211614 X Pegasi 5"

Est seq. =

a 3 a' 5 ~~b~~ 4 b' ~~4c~~ 2 α 3 c

c 3 f 4 e 2 d 5 g

fainter stars not seen

7 40 Est Var = a 3, 0 a' ~~=~~ 9th

190925 δ Lyrae 5"

Est & sel of sequence

a' 4 b 2 a 3 d 5 c 4 ~~g~~ g

g 4 α 4 f 3 e 4 k 2 h 5 l

Var not seen

7 59 l susp only

044880 — Cephei 5'

clouds

8 02 a 3, 2 b

Oct. 10, 1905

044180 – Cephei 5"

8 30 a 2, 3 b
8 40 clouds
9 00 a 2, 2 b
9 10 a 2, 3 b
9 42 a 4, 1 b

10 04 a 3, 2 b

10 16 a 3, 3 b

021403 o Ceti 5"

10 18 δ 3 var. 9.49

041619 T Tauri 5"

9.80
10.00
9.90

10 27 c 5, 1 d

042209 R Tauri 5"

9.55
9.48
9.52

10 33 l 3, 2 m est 9.5

042309 S Tauri 5"

10 38 <11.3 q 2 N <11.3

Oct. 10, 1905

044617 V Tauri 5"

1042 a 3, 1 d est 9.1

9.24
9.12
9.18

044880 — Cephei 5"

1044 a 3, 2 b

(14) (101)
(2) (5)
(20) (48)

Oct. 14, 1905 (Saturday)

JD 7133 L.C. Obs H.C.O.

04X880 — Cephei 5''

6 35 a 2, 3 b 9.5

185604 Nova Aquil. No 2

6. 40 11.84
12.00 n 3, 10 est 11.9
11.92

moon rising. —

7 07 233956 Z Cassiop 5''

~~10th~~

b 5, k = var est 8.7

a > b 5 c 2 d 4 e 1 g 3 h 3 f 5 l 3 k

230759 V Cassiop. 5''

a 6 b 5 c 4 d 3 e 5 f 6 g 4 h
h 4 h' 4 k 5 l

(5)-(10.6)
(—)-(5)
(27)-(7.5)

~~9.0~~

7 25 d 2 var 2 e

L.P.P.

205017 X Delphini 5''

~~a 5 var 1 b~~ 7.8

est comps ~~Xi~~

7 45 a 2 β' 4 b 4 c 5 α 3 d 5 ~~γ~~ (var now) 3 β 4 δ

~~800~~ δ Too cloudy to continue

(Monday) Oct. 16, 1905

J.D. 7135 L.C. Obs. H.C.O.

044880 — Cephei 5"

6 40 a 1, 4 b 9.5

213843 SS Cygni 5"

6 44 12.07 / 12.04 / 12.06 o 3, 1 p est 12.0

185604 Nova aquilae. 5"

6 48 11.64 / 11.60 / 11.62 n 1, 5 o est 11,6

235525 Z Pegasi

7 30 p g 3 ~~h~~ h . 11.5

~~Sel. [illegible] sequence~~ ~~Forget this sequence~~ ~~[illegible] ests~~

7 38 f a 3 d 2 e 4 g 5 h 3 k 6 m 5 n

n A 5 p ~~3 h v k~~ Hold ~~these ests.~~

7 55 191007 W Aquilae 5"

g 1 Var 5 h a 4 b 4 c 3 e 5 d 3 f 3 f'

f' 5 g 6 h 4 k 3 l m N.P.

Oct. 16, 1905.

190967 U Draco. 5"

8 06 ε 1,5 β 9.0

α 5 ε 5 β 3 δ 3 ζ 2 ξ 5 η 5 ~~10~~ μ

181136 W Lyrae 5"

b 3 var 2 e 9.0

8 17 a 6 b 4 c 5 d 2 e' 3 f' 5 e 5 g 1 f 4 h 5 l

210129 TW Cygni 5"

8 37 a 3 b ~~#~~ 7 c 5 f 3 α 3 d 4 e 5 g 5 ~~R~~

Var NS

~~208930~~
205030 UX Cygni 5'''

9 10 α 6 α' ~~4~~ 4½ β' 4 γ 5 β 5 ε 4 δ 2 η 5 ξ
ξ 5 θ 5 μ

ξ 3½ θ 11.5 ~~do~~

200715a S Aquilae

9 40 a 3 b 3 c 4 d 3 e' ~~3~~ f 3 h 4 f 3 k 4 g 3 l
l 6 m 5 n

m 3 var 2 n 11.5

Oct. 16, 1905.

~~0~~142584 R Camelop 5"

9 45 11.00 / 11.02 / 11.01 g 2, 2 h Est 11.0

184243 RW Lyrae

10 03

~~α 3 γ′~~

α 3 α′ 4 β′ 4 γ 5 γ′ 4 a 3 β 3 η

Var N.S.

Ck. Sid watch 8^s fast of H.T. 1327

12 30 at ~~H~~ 14:25, 14:26, 14:27, S.T.

Ck Mean Time watch 28^s slow of

12 33 B394 at 12:33 E.M.T.

Occultation of f Tauri by 6 moon

Star appeared at 14:4~~7~~: 50 ± 5^s

~~S~~.T. = 12: 50: 56 ± 5

2: 58: 00 S.T. = 13. 2 : 8 E.M.T.

L.P.B. 2 : 59: 00 13 3 : 8

(10) − (11 6/5) = (2) − (49) (74) − (149)

(Tues) Oct. 17, 1905

J.D. 7136 L.C. Ob. H.C.O.

044600 – Ophei 5"

7 08 a 1, 4 b — 9.5

185604. Nova Aquil. No. 2

7 12 11.92

n 4, 20 est 11.8

Klio not found

Ceres F.H.G.

9 10 a 4, 3 b

Harmonia 5"

ast at about 1h 26 +1°

9 20 c 3, 3 d 9.2th magn

213244 W Cygni H.F.G.

9 23 α′ 1, 5 α est 5.6

021403 o Ceti 5'

9 28 9.49 δ 3 var est 9.5

Oct. 17, 1905

235715 W Ceti

a″ 8 a′ 5 a 4 b 4 b′ 5 c 3 d 5 e
e 5 f

9 45 Hazy here
fainter *s not seen

a 4 var 1 b 7.0

210812 R Equulei

a 5 b 6 f 5 e 4 c 4 k 5 h 3 α
α 6 l′ 6 x 3 l

10 05 fainter stars not seen

f 2 V 3 e 9.0

214024 RR Pegasi 5″

γ 5 α 4 β 4 δ 4 ε 5 η 2 d v ~~#~~ λ 3 θ
~~θ 5 a~~
θ 5 b 5 ~~#~~ e 3 a

10 8 fainter stars not seen

Var N.P.!

L.P.P.

(8 − 124
1 − 10
28 − 177)

Oct. 21, 1905 (Saturday)
JD 7140 H.C.O. L.C. Obs.

044880 – Cephei 5"

7 02 e 3, 5 f 11.5

7 16 e 5, 3 f 11.7

7 42 f 0, 4 g 12.0
8 18 e 5, 2 f 11.8
8 40 e 4, 2 f 11.8
8 58 e 5, 2 f 11.8
9 18 e 5, 2 f 11.8
9 44 e 6, 1 f 11.9
7 35 Klio not found

154428 R Coronae 5"

7 38 c 2, 3 d 6.14
5.85
6.00

7 40 184205 R Scuti 5"
f 3, 1 g 6.43
6.64
6.54

185604 Nova Aquilae 5"

7 46 n 5, [illegible] ~~11.9~~ 12.04
12.00
12.02

Ceres
7 48 a 4, 2 b

Oct. 21, 1905

044880 — cephei — 5'

10 07 — e 3, 3 f 11.7

10 45 e 4, 2 f 11.8

14 138 L.P.

— 10

— 177

(Monday) Oct 23, 1905

L. C. Obs H. C. O.

J.D. 7142

044880 — cephei

7 02 a 2, 3 b 9.5

18560X Nova Aquilae No. 2.

7 05 n 3, 2 o 11.84
11.90
11.87

Ceres 5"

Asteriod incorrectly identified on previous night

correctly identified tonight.

9 20 d 4, 2 e

021403 o Ceti 5"

10 50 δ 2 var Est 9.4

9.39

(4) - (1.42)
(1.0)
= (1.7)

L. C.

(Thurs) Oct. 26, 1905

J.D. 7145 L.C. Obs. ~~HCO.~~

6 30 185608 Nova Aquil No. 2. 5"
12.04
12.10
12.07
n 5, 0 o est 12.0

044880 — Cephei 5"
6 40 a 4, a 1, ~~4~~ b. 9.5

213843 SS Cygni 5"
6 46 8.40
8.30
8.35
a 4, 2 c est 8.4

184205 R Scuti ~~F.L.9.~~
6 48 g 2, 1 h
6.94
6.97
6.96

154428 R Coronae F.L.9.
6 49 b 3, 1 c
5.86
5.84
5.85

S Urs Maj 5"
6 51 ~~10.07~~
k 3, 2 l
10.04
9.89
9.96

T Urs Maj 5"
6 53 f 3, 1 g
8.64
8.74
8.69

~~3 Delta Hare eye~~

6 55 3 ~~Hare~~ 1.5 Hare 3.1

Oct. 26. 1905.

g Herc eye

6 56 g Herc 2 σ Herc 3.0

g Herc 1, β Herc eye

035727 — Tauri 5"

8 46 c 4, 2 d 1

f' Cygni ~~[illegible]~~

8 50 f², f'

9 10 035727 — Tauri ~~[illegible]~~

c 4, 2 d ~~-4~~ 1

9 33 c 4, 1 d ~~-3~~ 2

044880 — Cephei 5"

9 36 a 3, 2 b 9.7

10 10 035727 — Tauri ~~[illegible]~~

c 6, 0 d ~~6~~ .3

(16) (158) L.P.P.

(19)

(177)

(Mon.) Oct. 30, 1905

JD 7149 L.C. Obs H.C.O.

O E 185604 Nova Aquil No 2. 5"

7 10 n 4, 10 11.94 / 12.00 / 11.97 Est 12.0

044880 — Cephei 5"

7 13 a 3, 2 b 9.6

Star a of Nova Aquil No 2 [illegible]

7 15 1 f 5 δ

184205 R Scuti [illegible]

7 20 g 3, 1 h 7.04 / 6.97 / 7.00

Pall g2 m 5"

Approx Pos 20h 8.4 + 0° 0'.6 (1855)

7 38 ~~(1) a, (2)~~

(2) 2, 1 (1) 10.5 ~~tb~~

213244 W Cygni [illegible]

7 42 α 4, 2 x est 5.9

7 44 201647 U Cygni 5"

d 2, 3 e 7.30 / 7.47 / 7.38 est 7.4

Oct. 30, 1905.

200938 R Cygni 5"

7 47 8.37 / ~~8.28~~ / 8.32 g 2 0 h est 8.4

210868 T Cephei 5"

7 50 10.40 n 3, var est 10.4

215382 V Cephei [illegible]

7 52 c ~~d~~ 1, 5 ~~e~~ d est 6.6

213843 SS Cygni 5"

7 54 h 1, 3 k 10.08 / 10.13 / 10.10

11 169
" 10
" 177

Nov. 2 1905 – (Thursday)

JD 7152 LC Ob. HCO.

	OK 6880	– Cephei	5"
7 15	.510 ~~.530~~ –.390	b 4, 0 c	$10.\cancel{7}^{5}$
8 04	.544 ~~.496~~ –.356	c 5, 1 e	$11.\cancel{1}^{0}$
8 32	.564 ~~.476~~ –.336	e 0, 5 f	$11.\cancel{4}^{2}$
9 03	.583 ~~.457~~ –.317	e 2, 3 f	$11.\cancel{6}^{4}$
9.33	~~.606~~ ~~.430~~ –.294	e 3, 2 f	$11.\cancel{7}^{5}$
10 04	.628 ~~.412~~ –.282	e 3, 2 f	$11.\cancel{7}^{5}$
10 32	.667 ~~.393~~ –.253	e 4, 1 f	11.8^{6}
		e 4, 0 f	~~12.0~~ $11.\cancel{9}^{7}$
10 58	.665 ~~.375~~ –.235		

(8) (177)

(10)

(177)

Lp

Led

13

Nov. 4, 1905 ~~Friday~~ (Saturday)

JD 7154 L.C. Obs. H.C.O.

021403 o Ceti 5"

10 48 9.59 e 4 var est 9.6

052920 U Orionis 5"

11 02 10.86 / 10.85 / 10.86 r 3, 2 s est 10.9

Star ~~g~~ of U Orionis 5"

11 04 10.66 r 1, 4 s est 10.7

065355 R Lyncis 5"

11 18 8.32 / 8.30 / 8.31 d 3, 3 e est 8.3

070122 R Geminorum 5"

11 24 8.55 / 8.54 / 8.54 k 3, 1 l Est 8.5

072708 S Can Min 5"

11 30 8.00 / 7.96 / 7.99 d 3, 1 e Est 8.0

045307 R Orionis 5"

11 43 10.07 / 10.14 / 10.10 e 4, 2 d est 10.1

050003 V Orionis 5"

11 50 Var inv l 3 var 11.5

Nov. 4 1905

054615 Z Tauri 5"

12 08 Can't identify easily

052404 S' Orionis 5"

12 12 <11.7 h' 3 n

053005 T Orionis 5"

12 15 10.68 g 3 var est 10.7

064030 X Gemin

12 40 8.8 d' 3,4 f 9~~th~~

065530 R Gem

12 50 δ 5 n

081112 R Cancri 5"

13 10 7.93 7.86 7.90 g 2,2 h est 7.9

081617 V Cancri

25 9.03 9.04 9.04 p 2,1 l est 9.0

Nov. 4, 1905

084803 S' Hydrae 5"
13 35 ~~10.96~~ <11.0 m 3 N <11.0

093934 R Leo Min 5"
13 42 7.11 6.99 7.05 d 2, 2 e est 7.0

094211 R Leonis 5"
13 48 10.32 10.25 10.28 g 2, 2 α est 10.2

14 00 Too much dew & haze to continue to advantage tonight.

(14) — (191) P
(13) — (13) P
—— — (177) L.

This book ledgered plotted & posted.