KG
11365
745

Variable Star Obs.
of
Leon Campbell.
1901 aug 8 – 1902 mar. 31.

KG11365.745

Record of Observations.

by Leon Campbell.

East Mean Time used in this book.

August 8, 1901 to
March 31, 1902. inclus.

KQ11365.745

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August 8, 1901. (Thursday)
J.D. 5605.
(Com)
L.P.P.

X Cygni F.G. ✓
8 00 e0, 5f clear

S Sagittae F.G. ✓
8 02 a3, 2~~c~~b ~~c2b~~.

R Coronae F.G. ✓
8 ~~40~~ 35 ~~a~~ b 2, 2c clear

η Aquilae F.G. ✓
8 37 b 3, 2c clear

R Lyrae eye ✓
8 38 d 2, e 1.

R Scuti F.G. ✓
8 41 0.5e, 4f clear

R Serpentis F.G. ✓
8 42 c 4, 0.5d clear

8 47 Sky nearly all cloudy now, but very clear during above observations

Aug. 9, 1901 (Friday)

J.D. 5606 Com. ✓

7:40 Mars about = to Spica. low, eye. ✓ L.P.

χ Cygni F.G.
8:05 e 1, 4 f clear ✓

S Sagittae F.G. ✓
8:06 c 1, 3-4 d clear

η Aquilae F.G. ✓
8:07 b 2, 3 c clear

R Coronae F.G.
8:08 f 2, 2 c clear ✓

R Serpentis F.G. ✓
8:10 d 1, 4 e clear

S Serpentis F.G. ✓
8:12 ~~X c b 4, 1 d~~
b 4, 1 c, 4 d clear

R Scuti F.G. ✓
8:24 e 2, 3 f clear.

8:40 Sky pretty cloudy & getting more so.

1/6 (30)

Aug 11, 1901 (Sunday)

J.D. 5608 Com. L.P.P.

χ Cygni F.G.
8:15 e 0.5, 4 f clear —

S Sagittae F.G. ✓
8:17 c 4, d 0.5 clear

R Lyrae Eye —
8:18 d 2, 3 f clear

R Coronae F.G. ✓
8:20 b 2, 3 c clear

R Serpentis F.G. ✓
8:21 d 0.5, 4 e clear

S Serpentis F.G.
8:23 c 1, 4 d clear ✓

η Aquilae F.G. ✓
8:25 b 3, 1 c Clear

8:35 R Scuti F.G.
→ e 2, 4 f Clear ✓

R Cassiopeiae F.G. ✓
8:38 If region is corr., identified var is about equal to star k.

Aug 11, 1901 cont.

T. Herculis F.G. ✓
8:50 e 3, 3 f clear

R Aquilae F.G. ✓
8:56 a 4, 3 b clear Chart I pub. not.

R Delphini F.G. ✓
9:05 e 3, 0 f very clear

S ~~R~~ Pegasi F.G. very clear
9:15 var not seen f seen

9:30 Region of nova too low to observe.

(23) (53)

Aug. 14, 1901 (Wednesday)

J.D. 5611. Comp

Mars. eye. haze. L.P.P.

7 40 ~~α Virgin~~is Mars = α Virginis low.

χ Cygni F.G. haze 2/5 w

8 20 e 0,5 f

8 25 Sky pretty hazy & too much so to observe

(2) (55)

Aug. 25, 1901. (Sunday)

J.D. 5622   Comm. L.P.

7:30 Some haze in sky.

Note:- This is the first clear night since Aug. 14. 1901. All the ~~other~~ intermediate ones have been cloudy, the clouds being of a low cumulus nature.

7:50 Sky pretty hazy.

7:52 χ Cygni F.G. clear in this region ✓
e2, 4f

8:02 Sky pretty hazy

8:22 Sky too cloudy.

2 (57)

Aug 26 1901 (Monday)

J.D. 5623   Comm. L P

Mars   eye m, low 2/3 W

7:25 Mars 1 α Virginis ✓

χ Cygni   F.G.   m.   clear

7:35 e 2, 4 f   e

R Coronae   F.G.   m.   clear. ✓

7:40 6 4, 0.5 c

R Serpentis   F.G.   m.   clear ✓

7:42 Var. not certainly seen.

S Sagittae   F.G.   m.   clear ✓

7:43 ~~a 2, 2 c, 5.5 b~~ a 3, 2 b

R Scuti   F.G.   m   some haze ✓

7:45 d 1, 4 e

7:50 clouds coming in again now: before this ~~the~~ sky was quite clear.

8:15 Sky now clearing.

8:17 R Lyrae   F.G.   m.   clear ✓

d 3 var

η Aquilae   F.G.   m   clear

8:18 a 4, 1 b ✓

(10)   (67)

(over)

(12) (69)

Aug 26, 1901.

8:35 Sky very hazy again; too much so to continue just now.

Aug 27, 1901 (Tuesday)

L.P.

JD 5624 West Boylston:

R Coronae F.G. m. clear ✓
7:45 b 3, 1c

R Lyrae eye m. ~~near~~ ✓
7:47 d 2, 0e

S Sagittae F.G. m near clear ✓
7:48 b 3 0c

7:50 X Cygni. F.G. m. clear
e 1, 4f

7:54 η Aquilae F.G. m near ✓
b 2, 2c

7:55 R Scuti F.G. m near ✓
d 0, 3e

7:57 R Serpentis F.G. m ✓
d 3, 3e

8:00 Moon too bright for faint objects.

(14) (83)

Aug. 28, 1901 (Wednesday)

JD -5625 West Boylston LPP

9

7:35 δ Sagittae F.G. m near. ✓
c 2, 1 d

η Aquilae F.G. m near ✓
7:36 b 3, 1 c

χ Cygni. F.G. m ✓
7:37 e 2, 4 f

R Scuti F.G. m. ✓
7:38 d 05, 4 f^{e}

R Coronae F.G. m. ✓
7:39 b 3, 1 c

R Serpentis F.G. m. ✓
7:40 d 3, 3 e

T Herculis F.G.
7:45 Moon too bright

R Aquilae F.G.
7:48 Moon too bright

X Herculis F.G. m. ✓
8:10 c 3, 2 d
Moon too bright to continue.

(97)

Aug. 28, 1901

κ Persei F.G. m.
9:43 ~~L v~~ 1 v, 3 l ✓

3(F Persei F.G. m-
9:45 l 5, 3 (30 r.) ✓

Nova Persei F.G. m.
9:48 d ~~x~~ 3, 1 g See chart A —

(20) (103)

Aug 29, 1901 (Thursday)
J.D. 5626 Home.

✓ LPP

R Coronae F.G. m.
9:15 b 4, o c

~~S Sagittae F.G. m mean~~ ✓
~~9:16 c 1, 3.5 d~~

η Aquilae F.G. m.
9:17 c 2, 1 d

X Cygni F.G. m ✓
9:20 ~~d~~ e 1, 4.5 f high.

X Herculis F.G. m ✓
9:22 c 3, 4 d

ρ Persei F.G. m ✓
9:24 ρ 2 ν, ρ 3.5 c somewhat low

36 Persei F.G. m ✓
9:25 l 3, 4.5 (30) somewhat low

Nova Persei m F.G.
9:35 Nova 3 g ~~low~~ 2/3 w. ✓
d 0 Nova

R Scuti F.G. ~~m~~
9:38 d 1, 4 e ✓

Moon too bright for faint~~er~~ objects

(18) (121)

Aug. 30, 1901 (Friday)
J.D. 5627 1 frame

L.P.

11:25 X Herculis F.G. m. ✓
c 4, 2 d

~~84 Sagittae F.G. m.~~ ✓
11:26 ~~f 2, 2 c~~

η Aquilae F.G. m ✓
11:27 b 2, 2 c

R Scuti F.G. m ✓
11:28 d 1, 4 e

χ Cygni F.G. m. ✓
11:30 e 2, 35 f.

ρ Persei eye m. ✓
11:32 δ γ 3 4, 2 ✓

36 Persei F.G. m ✓
11:34 l 5, 1-2 (3 d)

Nova Persei F.G. m ✓
11:35 a 0.5, 1 d, 3 g

Well up

o Ceti F.G. m.
13:25 1 x, 3 y surely identified ✓

(20) (141)

Sept 3, 1901. (Tuesday)

J.D. - 5631 16.C O

R Serpentis F.G. ✓

8:38 d 2, 3 e

χ Cygni F.G. high ✓

8:39 e ~~d~~ 2.5, 3 f

η Aquilae eye ✓

8:40 a 3, 2 b

S Sagittae F.G. ✓

8:42 a 2, 2 b

R Coronae F.G. ✓

8:45 b 3, 2 c

R ~~L~~ Lyrae F.G. high ✓

8:48 c 2, 3 d

8:50 R Scuti F.G. d 3, 2 e rec from memory Sept. 4. ✓

R Aquilae F.G. ✓

8:56 c. 3, 2 a see chart I

Sky became all cloudy at 9.10

L. P. P.

9:25 Sky still thickly cloudy

(16) (157) sub. 9 = 148

Sept 4, 1901 (Wednesday)

JD 5632 H.C.O.

R Coronae F.G. ✓

7:20 b 3, 2 c

R Serpentis F.G. ✓

7:22 d 3, 4 e

χ Cygni F.G. ✓

7:23 e 2, 4 f

R Scuti F.G. ✓

7:24 d 4 e 1, 4 f

R Aquilae F.G. ✓

7:29 c 4, 3 a Chart I

T Herculis F.G. ✓

7:30 e 3, 1 f faint.

X Herculis. F.G. ✓

7:58 c 5, 1 d

R Cassiope F.G. ✓

8.08 var 1 g f 1 var.

~~identify f and~~ Make a new chart to insure more safety in ident. of region. feel pretty sure of ident.

Sept 4, 1901.

R Canum Ven. F.G.

8:35 var not seen e seen e 3 N ✓

Nova Persei F.G.

10:0 c 2, 1.5 d ✓

T Cass. F.G. ✓

10:10 d 2 var

~~T Androm F.G.~~ ✓

~~10:12~~ ~~b 3.5, 2 c~~

R Delphini F.G. m coming up. ✓

10:50 Var not seen. e 0 N

o Ceti F.G. m up. ✓

11 40 x 0, -3 y

(26 - 10) 164 L.P.P.

~~Sept 5, 1901~~ (Thursday)

JD 5633 H.C.O.

χ Cygni. F.G. ✓
7 20 e 3, 3 f

R Scuti F.G. ✓
7 21 d 3, 0.5 e, 4 f

R Coronae F.G. ✓
7 22 b 4, 1 c

R Serpentis F.G. ✓
7.23 d 4, 3 e

R Aquilae F.G.
7 25 c 3.5, 3.5 a ✓

~~R Cassiopeiae F.G.~~
~~8:40 var 2 g~~

T Herculis F.G.
9:00 e 3 n ✓

9:45 R Trianguli F.G. ✓
b 1, 1 d O's chart. I

X Herculis F.G. ✓
9:48 c 4, 1.5 d

Nova Persei F.G. ✓
9 50 c 2, 1 d

Sept 5, 1901

~~T Andromedae F.G.~~

9:55 ~~6 1.5, 3 a~~

(20) (184) Ledgered, Plotted, Posted.

Sept 6 1901 (Friday)
J.D. 5634 H.C.O.

R Coronae F.G. ✓
7 25 b 2.5, 1 c

R Scuti F.G. ✓
7 26 e 1, 3 f

R Serpentis F.G. ✓
7 27 d 3, 4 e

χ Cygni F.G ✓
7 28 e 3, 3 f

R Aquilae F.G. ✓
8:00 c 4, 3 a

X Herculis F.G. ✓
8 50 c 4, 0 d

R Cassiop F.G. ✓
8.52 ~~7 0.~~ k 2 var.

Note: Tonight with the new chart I am perfectly sure of the ident. all prev. observations wrong.
~~k) h in F.G.~~

Nova Persei F.G. ✓
9 54 (H 46) 2, 1 (H 42), 1 (H 33), 2.5 (H 2)

Sept. 6, 1901.

R Triang. F.G. ✓

9:58 a5, 1.5 b

~~T Androm F.G.~~ ✓

10:20 ~~b2, 3c look up chart~~

S Cassiop

10:36 Region identified but var not surely seen.

o Ceti F.G. ✓

11 53 x0.5, 2y

(23) (207) Led. Plott Post.

Sept 7, 1901 (Saturday)

J.D. 5635 H.C.O.

R Coronae F.G. ✓

7:20 b 2, 2 e

R Serpentis F.G. ✓

7:22 d 4, 3 e

R Scuti F.G. ✓

7:23 e 1, 3 f

χ Cygni F.G. ✓

7:24 e 3.5, 3 f

R Aquilae F.G. ✓

7:26 c 3, 3 a

R Cassiop. F.G.

7:28 k 3 var. surely ident. ✓

T Androm. F.G.

9:08 reject ~~two~~ three prev. obs. star obs. was not ~~the~~ var. ✓

c 2 var.

X Herculis F.G.

9:10 c 4, 0.5 d ✓

Sept. 7, 1901

R Triang. F. G. ✓

10:22 a 5, 0 b

Nova Per. F. G. ✓

10:25 (H 46) 2, 0.5 (H 42), 2 (H 33)

o Ceti F. G. ✓

11:35 x 2, y 1, ~~o y~~, ~~[illegible]~~

somehow o seems to have become fainter more rapidly than usual between this obs. & last one but anyway I put great weight on this obs.

(Est of comp stars for o Ceti:

x 2 y

y 2 z

z 4 α)

(20) (227)

L. P. P.

Sept 9, 1901 (Monday)

J.D. 5637   H.C.O.
Sky rather hazy at 7.00
Field Glass used throughout.

R Coronae   clear   F.G.   ✓
7:25 b 2, 1 c

R Serpentis   "   "   ✓
7:26 d 5, 2 e

R Scuti   "   "   ✓
7:27 e 2, 3 f

R Aquilae   "   "   ✓
7:28 c 3.5, 3 a

χ Cygni   "   "   ✓
7:29 e 3, 2 f

X Herculis   "   "   ✓
7:35 c 5, 1 d

R Can. Ven.   "   "
7:48 var. not seen. e 2 N   ✓
7:55 Sky rather hazy in east & south.

R Cassiop   clear   F.G.
8:54 k 2 var.   ✓

R Trianguli
8:55 a 4, 1 b   "   low rather   "   ✓

Sept 9, 1901.

Nova Persei. clear F.G. ✓

9. 08 H46 0.5, 2(H42), 3(H33)

will look at this again later

region somewhat low, but sky clear

and seeing fairly good. Feel pretty

sure of an increase in brightness since

Sept. 7. 1901.

~~9. 05~~

10. 04 Nova Per. clear F.G.

(H46) ~~1.5~~ 1, 1(H42), 3(H33) ✓

10. 20 sky rather cloudy.

(22) (249)

Lcd. Phot. Posted.

Sept 11, 1901 (Wednesday)

JD 5639 H.C.O.

R Coronae F.G. low. clear ✓

9:34 b 2, 1 c

R Scuti F.G. " ✓

9:36 e 2.5, 2 f

(Note: cleared about 9:15 PM)

R Aquilae F.G. clear ✓

9
10:56 c 2.5 4 α a

9:58 χ Cygni eye " ✓

e 4, 1.5 f

10:00 R Cassiop. F.G. " ✓

h 2, 0.5 k

10:03 X Herculis F.G. " ✓

c 4, 0 d

Nova Persei F.G. " ✓

10:06 (H 4) 0-1 Nova,

Nova 1 (H 33)

R Trianguli F.G. " ✓

10:08 a 3.5, 1 b

10:50 Sky becoming bad again, with thick haze and [illegible] clouds (16) (265) L.P.P.

Sept 13, 1901 Friday
J.D. 5641 H.C.O.

9 00 breaking

9 08 clearing from west.

R χ Cygni eye
9:20 f 1, 3 g ~~F.G.~~ clean ✓

R Scuti: F.G. " ✓
9:21 e 3.5, 1 f

9.26 R Cassiop F.G. " ✓
h 1.5, ~~i~~ k

~~R Triangulae F.G. II chart clear~~
~~9 28 a.0, 2 b~~ reject

R Aquilae F.G. I chart clear. ✓
9:30 a 2, 4.5 c

Nova Persei F.G.
9:31 Nova about = to H K2. clds approaching ✓
> H33. obs. 1/2 w.

9 ~~40~~ 35 clouds coming in thick again.

~~o Ceti F.G. low but clear [illegible]~~ reject
~~9 50 y 2, 1.5 [illegible]~~

10 00 Sky practically all cloudy now.

Sept 13, 1901

10:10 Clearing in west again

10:46 Nova Per. F.G. clear ✓
H 4 2 0, 1 H 33

10:47 X Herculis F.G. clear ✓
e 3, 2 d

11:05 o Ceti F.G. clear ✓
y 3, g 1, 5 α

11:06 R Triangulae F.G. clear II chart ✓
a 1, 0 b

11:07 Sky pretty nearly clear now

(18) (283) L.P.P.

Sept 14, 1901 (Saturday)

J.D. 5642 HCO

R Coronae F.G. clear
7 20 b 3, 1 c ✓

R Serpentis F.G. " ✓
7 21 e 1, 3 f

R Scuti F.G " ✓
7 22 e 3, 1 f

X Cygni.
7 23 f 0.5, 3 g F.G. " ✓
f 1, 3 g eye

R Aquilae F.G. " ✓
7 24 a ~~2~~ 3, 0 b

R Can Ven F.G. " ✓
7 28 e 0 var

R Cassiop F.G " ✓
7 29 h 0.5, 2 k

X Herculis F.G. " ✓
8 15 c 4, 1 d

Sept 14, 1901.

T Urs Maj. F.G. clear ✓
8 19 & var 2 e

δ Cassiop F.G. clear ✓
8 45 var = e faint

8 48 R Triangulae F.G. clear ✓
~~A~~ a 3, 1 b

Nova Persei F.G. clear some loca
8 52 (H 46) 1, 1 (H 42), 3 (H 33)

R Vulpeculae F.G. ~~chart I~~
9 35 ~~a 2, 1 b~~ ~~pref. not of L.C.~~ ✓
> c 2, 0 d Final notation

o Ceti F.G. ✓
11:46 3 1.5, 4 α

Nova Persei
11:47 H 46 1, 0 (H 42), 2 (H 33)

(31) (314) L.P.P.

Sept 16, 1901 (Monday)

J.D. 5644 H.C.O.

R Coronae F.G. clear ✓
7 22 b 2, 2 c

R Serpentis " " ✓
7 23 e 1, 3 f

R Scuti " " ✓
7 24 e 4, 0.5 f

R Aquilae " " ✓
7 25 a 3, 0 b

X Cygni " " ✓
7 27 f 0, 4 g

R Cassiopeiae " " ✓
7 33 h 1, 2 k

X Herculis " " ✓
7 35 a 4, 2 d

R Vulpeculae " " ✓
7 36 c 3, 0 d

S Cassiopeiae F.G. clear ✓
7 40 var 1 e

rather low
7 45 hazy in northwest, north and east.

Sept 16, 1901

8:00 to 10:00 } Sky quite hazy & some clouds.

R Trianguli F.G. thin haze

10;35 a 1, 2 b 2/3 w.

Nova Persei. F.G. thin haze but

10:36 (H 42) 0, 1 (H 33) prob. uniform (3/4 W.)

Nova Persei F.G. clearer

11 00 (H 42) 0-1, 1 (H 33) whole weight.

o Ceti F.G. hazy. 2/3 w

11:40 g 1.5, 3 α

(25) (339) Led. Plott. Post.

Sept 19. 1901 (Thursday)

J.D. 5647 H.C.O.

7 00 Partly cloudy

X Cygni. F.G. clear overhead now ✓
8 10 f², 2g

R Cassiope F.G. clear here ✓
8 30 g 4, h 0.5, 3 k

Nova Persei. F.G. some light haze 2/3 W
9.40 (H 42) 2, 0 (H 33), 1 H "2" but core expanded

R Trianguli F.G. ~~same haze~~. ✓
10:23 ~~9.41~~ a 2, 0.5 b

R Arietis F.G. clear here ✓
9:42 ~~d 4~~ 0.5 f

10:08 R Aquilae F.G. clear ✓
a 3, 0.5 b

10.02 R Vulpeculae F.G. clear
c 1, 2 d recd. b & c for c & d respct. ✓

Nova Persei extra clear now. F.G.
10.05 (H 42) 2.5 (H 33) 1 ~~H 2~~ 1 H "2"

Sept 19, 1901

ρ Cassiopeiae F.G. clear ✓
10:07 var 3 e

o Ceti F.G. clear.
~~10:15~~ 11:45 y 0, z 8 very carefully made obs. ✓
eyes ∥ to stars.

10:20 X Herculis F.G. clear ✓
c 5, a d

(28) (363) Led. Plott. Post.

Sept 21, 1901 (Saturday)

~~B~~ J.D. 5649 H.C.O.

R Coronae F.G. ✓
7 29 b 1, 3 c

R Serpentis F.G. ✓
7 30 e 4, 0 f

R Scuti F.G. moon near ✓
7 31 e 3, 2 f

χ Cygni F.G. ✓
7 33 f 4, 0.5 g

R Aquilae F.G. ✓
7 38 a 4, b 0, 3 c moon near

R Cassiop F.G. ✓
7 40 g 2, 0.5 h

8 04 R Vulpeculae F.G. ✓
c 0, 3 d

8 30 X Herculis F.G. ✓
d 2 var ident. e & f

Sept 21, 1901.

S Cassiop FG. ✓

8:40 var 3 e

Nova Persei FG.

8:43 (H 42) 2, (H 33) 1, ~~H2~~ 1.5 (H "2")

R Trianguli FG.

8:45 a 0.5, 3 b ✓

Nova Persei FG

11:24 (H 33) 1, 0 (H 2)

11:28 o Ceti ~~X~~ FG

x 3, 0 J 3) J ✓

L.P.P.

(26) (389)

Sept 23, 1901 (Monday)
JD-5651 H.C.O.

R Coronae E.G. clear ✓
7 20 b 2, 2 e

R Serp. " " ✓
7 21 e 4, 0 f

R Aquil " " ✓ moon
7 22 b 1, 3 c

R Scuti " " " ✓
7 24 e 3, 2 f

X Cygni " " ✓ "
7 25 f 5, ~~g~~ g 0.5 3 h

R Cassiop " "
7 27 f 4, 1 g

R ~~Delphini~~ Vulpeculae faint. " moon ✓
7 40 c 2, 2 d

S Cassiop faint " " " ✓
7 42 var 5 e

7 55 R Trianguli " " " ✓
a 1, 2 b
Nova Persei " " " low
7 57 (H 42) 1, 0.5 (H 33) good obs. [illegible].

Sept 23, 1901

X Herculis F.G. clear. moon. ✓
8 40 d o var
var 5 f (tonight it looks) d.

Nova Persei F.G. clear, higher moon lower
9.08 (H 42) 2, (H 33) 0.5, 2 (H ~~3~~ "2")

10:10 (H 42) 2, (H 33) 0.5, 2 (H 2) F.G. clear, higher & moon still lower
probably the last 2 obs the best

o Ceti F.G. clear (m) ✓
11 40 γ 1.5, 4 α δ > γ

L. P. P.

(29) (418)

Sept 24, 1901 (Tuesday)

J.D. 5652 H.C.O.

7 00 clouds thick & all cloudy

8 00 clearing

8 13 R Coronae F.G. m. clear here ✓
b 3, 1 c

8 15 X Cygni F.G. m " " ✓
g 2, 0.5 h

8 26 R Cass. F.G. " " " ✓
f 2, 3 g

9 00 R Scuti F.G. m clear " ✓
e 5, 0.5 f, 3 g

9 05 R Trianguli F.G. " " " ✓
a 2, 0.5 b

9 06 Nova Persei F.G. " " "
(H 42) 2, (H 33) 1, 1 (H 2)

9 07 X Herculis F.G. " " " ✓
c 5, 0 d. e > d

Moon too bright for faint variables tonight. (16) (434).

L.P.P.

Sept 2~~4~~5, 1901 (Wednesday)

JD 35653 H.C.O.

R Coronae F.G. m. ✓
7 20 b 3, 2 e " "

R Aquilae " " ✓
7 21 b 2, 2 c

R Scuti " " ✓
7 22 e 4.5, 1 f.

X Cygni " " ✓
7 23 g 3, 1 h

R Cassiop. " " ✓
7 24 f 3, 2 g

7 28 X Herculis " " ✓
d 1, (1 e), 5 f

R Triangulae " " ✓
10 15 a 3, b 0.5

Nova Persei - " "
10 17 (H ~~III~~ 3.3) 2, 0 (H ~~3.3~~ 2) recorded wrong: corrected on next morning after observation.

I Cete F.G. moon
11 38 f 2, e ~~x~~

L.P.P. (18) (45 ~~4~~ 2)

Sept 26, 1901 (Thursday)

J.D. 5654 H.C.O.

R Coronae F.G. moon
7 16 b 3, 1 c + " ✓

R Aquilae " " ✓
7 17 b 3, 1 c

R Scuti " "
7 18 e 3.5, 1 f ✓

X Cygni " " ✓
7 19 h 1, 2 k

R Cassiop. " " ✓
7 20 f 3, 2 g

X Herculis " " ✓
7 28 c 3, 1.5 d

R Trianguli " " ✓
9 14 b 2, 2 ~~c~~ d

Nova Persei " "
9 16 (H 42) 3, (H 33) 1, (H 2) 0, 6 (H 1)

o Ceti F.G. m. 2/3 w ✓
11 42 y 0

(19) (471) L.P.P.

Sept 27, 1901 (Friday)

J.D. 5765 H.C.O.

R Coronae F.G. Moon very br. ✓
7 17 b 3, 0.5 c " "

R Scuti " " " " ✓
7 18 e 3, 1 f

χ Cygni " " " " ✓
7 20 h 0, 3 k

R Trianguli " " " " ✓
8 58 b 2, 3 d

Nova Persei " " " "
9 00 (H33) 3, (H2) 1, 5 (H1)

R Cassiopeiae " " " " ✓
9 02 f 3, 3 g

(13) (484)

L.P.

Sept 28, 1901 (Saturday)

J.D. 5656. H.C.O.

7 00 Rather too cloudy for observations to be taken

8 00 cloudier still

9 00 Cloudy still

10 35 Too cloudy & moonlight bright

Sept 30, 1901 (Monday)
J.D. 5658 . H.C.O.

R Coronae F.G. ✓
7 20 a 1, 2 b

R Serpentis " ✓
7 25 f 2 var

R Aquilae " ✓
7 27 c 0, 4 d

R Scuti " ✓
7 29 e 3, 2 f

χ Cygni " ✓
7 32 h 2, 0.5 k, 4 l

R Vulpeculae " ✓
7 35 c 3, 0 d

R Cassiopeiae " moon. ✓
7 40 f 6, 0 g, 3 h

X Herculis F.G. " ✓
8 12 c 3, 2 d

R Trianguli " " near 2/3 w ✓
8 14 b 3, c 2, 3 d

Nova Per. " " near 2/3 w
8 16 (H 2) 1, 5 (H 1)

(over)

Sept. 30, 1901

Nova Per. 2nd obs.

9 28 (H 2) 1.5, 4.5 (H 1) F.G. moon b. but obs. considered better than previous one.

o Ceti F.G. m.

11 00 x 3, ~~y 1~~

y & z look brighter than reduced magn. would make ~~them~~ to my eye.

Led. Plott Post.

(25) (509)

2624 estimates from Oct 1, 1900 to Oct 1, 1901.

196 dates of observation.

Oct 1, 1901 Tuesday
J.D. 5659 H.C.O.

R Coronae F.G. Clear ✓
7 22 a 2, 2 b

R Serpentis " " ✓
7 24 f 4 var

R Aquilae " " ✓
7 26 c 2, 4 d

R Scuti " " ✓
7 28 e 4, 2 f

X Cygni " " ✓
7 30 k 15, 3 l

R Cassiop " " ✓
7 32 f 4, 1 g

Jm. P. 441 (U Camel) " ✓
7 34 b ~~a~~ 2 var

R Vulpeculae " " ✓
8 20 d 2 var

8.25 clouds in the northern part of sky: also in N.E.

X Herculis F.G. clear
8 38 c 2, 3 d (15) (15) ✓
L.P.

10 26 Too cloudy for Nova or R Trianguli.

Oct 3, 1901 (Thursday)
JD 5661 HCO

Cloudy to 8 PM.

R Coronae F G clear ✓
8 30 b 3, 2 c

R Scuti " " ✓
8 32 e 2, 3 f

R Aquilae " " ✓
8 33 c 3 var
var 3 d

X Cygni " " ✓
8 34 k 4, 0 l

R Cassiop " " ✓
8 55 g, 0.5 2 h

R Vulpeculae " " ✓
8 56 d 3 var

M P441 " " ✓
8 59 c 3, 0 d

R Trianguli " " ✓
9 08 b 3, 1 d

S Cassiop " " ✓
9 09 var 3 e

Oct. 3, 1901

Nova Persei F.G. Clear

9 10 (H 33) 2, (H 2) 1, 5 (H 1)

9 25 More clouds again over parts of ~~the~~ sky

X Hercules F.G. clear?

9 38 c $\bar{2}$, 3 d

10 08 Too cloudy in N E for R Lyncis, or in ~~S~~ E for o Ceti

(21) (36)

Ledgered,
Plotted,
Posted.

Oct 4, 1901 (Friday)

J.D. 5662 H.C.O.

R Coronae F.G. clear ✓

7 20 b 3, 1 c

R Serpentis " " ✓

7 21 f 5 var

R Aquilae " " ✓

7 22 c 3, d 0.5

R Scuti " " ✓

7 23 e 2, 3.5 f

χ Cygni " " ✓

7 24 h 2, 1 l

R Cassiop " " ✓

7 25 g 1, 2 h

U Camelop " " ✓

7 26 c 4, d 1

R Vulpeculae " " ✓

8 32 d 3, 1 e

Nova Persei "

8 33 (H 42) 3, 0 (H 33), 2 (H 2)

Oct 4, 1901

R Trianguli F.G. clear ✓

10 02 c 3, 1 d

Nova Persei " "

10 04 (H 33) 0, 1 (H 2)

X Herculis " " ✓

10 22 c 4, 1 d

o Ceti " "

10 30 x 4 var. ✓

y & z do not seem to be of the brightness stipulated as final magns.

x 1 y
y 1 z
z 7 α
α 5 β
~~β 3 γ~~

R Lyncis F.G. clear ✓

10 45 c 3, 0 d faint.

11 10 clouds in East

(27) (63) (4)# (4)#

L.P.P.

Oct 5, 1901 (Saturday)
J.D. 5663. H.C.O.

R Coronae F.L.G. clear
7 06 b 2, 3 e ✓

R Aquilae " " ✓
7 07 d 2
R Scuti " " ✓
7 08 e 1, 3~~4~~ f

~~R~~ X Cygni " "
7 10 k 3, 0 l ✓
R Cassiop " " ✓
7 11 g 3, 0.5 h
m P441 " " ✓
7 12 d 1 var
R Can Ven " "
7 13 var 2 e ✓

9 52 X Herculis " " ✓
c 5, 1 d

W Herculis " " ✓
9 53 a 0.5, 3 b

R Trianguлae " " ✓
9 54 c 4, 0 d

Nova Persei " "
9 55 (H33) 1, 1 (H2)

Oct &5, 1901 L.P.P.

o Ceti F.G. clear
9 56 x 4 good obs.

x 1 y
y 0 z
z 7 α
α 6 β
} est of comp for o Ceti

R Aquilae Comp stars F.G.
a 4 b
10 00 b 3 c clear
c 3 d

R Trianguli Comp Stars F.G.
10 50 a 1 c
c 3 b
b 3 d clear
d 5 e
e 1 f

U Camelop comp stars F.G.
10 55 a 5 b
b 2 c clear
c 2 d

λ ~~R~~ Tauri Comp Stars F.G.
10 58 b 2 c, c 2 d, d 4 e, e 3 f
Nova Persei Comp Stars F.G.
x (30 Per) 3, (H 4 √2) 2 (H 4 6) 1 (H 4 2) 2 (H 3 3) (20)(P3)
11 00 ~~(H 4 0)~~ 2 (H 2) 6 (H 1) 2 (H 5) (26) (30)

Oct. 7, 1901 Monday
J.D. 5665
H.C.O.

R Coronae F.G. clear ✓
7 20 b 2, 3 c

R Scuti " " ✓
7 21 Too faint to est.

R Aquilae " " ✓
7 22 d 3 var

χ Cygni " " ✓
7 23 l 1.5

R Can Ven " " ✓
7 24 var 2 e

R Vulpec. " " ✓
8 40 d 4 var

R Cassiop " " ✓
*8 41 g 3, 0 h

U Camelop. " " ✓
8 42 c 4, 1 d

Comp *s for R Aquilae F.G. ✓
8 48 a 5 b, b 2 c, a 3 d

8 50 R Scuti F.G. clear ✓
d 3, 0.5 e, 5 f

Oct 7, 1901

Nova Persei F.G.
9 45 H ~~3~~ 2 0.5, 4.5 H1

R Trianguli F.G. ✓
9 46 d 3, 2 e

Comp * for R Trianguli F.G. ✓
9 48 a 4 c, c 2 b, b 2 d, d 5 ~~f~~ e, e 2 f

X Herculis F.G. ✓
9 50 c 5, o d

S' Cassiop F.G. ✓
9 51 e 0, 2 f

Comp *s for S' Sagittae F.G. ✓
9 55 a 2 b, b 3 c, c 4 d, d 2 e, e 3 f

Comp *s for U Camelop F.G.
10 16 a 5 b, b 3 c, c 4 d

Comp stars for Nova Persei F.G.
F30 3 H45
H45 2 H.46
10 20 H46 2 H42 ✓
H42 2 H33
H33 2 H2
H2 5 H1
H1 3 H5

Oct. 7, 1901.

o Ceti F.G. ✓

10 25 χ 5, 4 α

Comp *s for o Ceti F.G.

10 26 χ 2 γ, ζ 0.5 γ, ζ 8 α

Comp *s for β Per. eye
10 48 a 0 b, b 4 c, c 3 d, d 2 e, e 2 f
f 3 g, g 4 h

Comp * for ε Aur. eye
10 54 a 3 b, b 4 c, c 4 d d 5 e
e 4 f

(23) (106)

*(38) *(68) L.P.P.

Oct. 8, 1901 Tuesday
J.D. 5666 H.C.O.

R Coronae F.G. clear
7 08 b 2, 3 c ✓

R Scuti
7 09 d 2, 0.5 e ✓

X Cygni
7 10 l 1, 2 m ✓

Comp *'s for R Serpentis F.G.
7 13 a 4 b, b 4 c, c 3 d, d 4 e, e 5 f

Comp *s for R Aquilae F.G.
7 14 a 4 b, b 2 c, c 3 d

Comp *s for S Sagittae F.G.
7 16 a 3 b, b 2 c, c 4 d, d 3 e, e 4 f

R Aquilae clear F.G.
7 17 d 3 var ✓

7 20 W Herculis F.G. clear
a 3, o b ✓

U Camelop F.G. clear
7 21 ~~d~~ var. o d ✓

Comp *s for U Camelop F.G.
7 22 a 5 b, b 3 c, c 4 d

Oct 8, 1901

α Herculis eye ✓
7 24 a 3 b, b 4 c, c 4 d, d 1 e (e somewhat low

7 55 Sky somewhat hazy.

R Trianguli F. G. clear ✓
8 40 d 2, 2 e

Nova Persei F. G. clear ✓
8 42 (H 33) 2, o (H 2), 5 (H 1)

Comp ✱s for R Trianguli F. G. clear
~~a 2 f. b~~
8 43 a 2 c, c 1 b, b 3 d, d 5 e, e 2 f ✓

Comp ✱s for Nova Persei F. G. clear.

F 30 3 H 45
H 45 3 H 46
H 46 2 H 42
9 37 H 42 2 H 33 ✓
H 33 1 (H 2)
H 2 5 H 1
H 1 3 H 5

o Ceti F. G. clear ✓
11:03 x 5 var.

Comp ✱s for o Ceti F. G. clear
11.04 x 2 y, y 2 z, z 5 α

(16) (122) (35) (03) L. P.

Oct 10/1901 Thursday
JD. 5668 HCO.

Comp *s for α Her. eye
7 00 a 4 b, b 3 c, c 2 d, d 1 e ✓

R Coronae clear F.G. ✓
7 15 b 3, 2 c

R Aquilae clear F.G. ✓
7 16 d ~~4~~ var

~~Comp * for R Aquilae F.G.~~
~~7 17 a 5 b, b 4 c, c 3 d~~

Nova Persei F.G. clear here
7 55 (H 33) 2 5 (H 1) ✓

R Trianguli F.G. clear here
7 59 d 3, 2 e ✓

U Camelop F.G. clear here ✓
8 00 c 1, 3 d

8 02 Clouds in a greater part of the sky

8 50 R Cassiop. F.G. clear
h 2, 2 k

10 18 S Ceti F.G. clear here ✓
x 6, 4 α
comp * for S Ceti
x 2 y, y 1.5 z, z 6 α

Oct 10, 1901

Comp *s for S. Sagittae F.G.

10 20 a 4 b, b 2 c, c 4 d, d 5 e, e 3 f ✓

X Cygni F.G. clear

10 22 l 3, o m ✓

(15) (137) L.P.P.

*(12) *(115)

Oct. 11 1901 (Friday)

B & C ~~10~~ 11 82 JD 5669. Ballou/a3
> 04 31.1 > 04 00

R Scuti F.G. clear ✓
> 13 d 1.5, 1.5 e

~~S Cassiop F.G. clear~~
~~> 14 e 4 var~~

W Herculis F.G. clear ✓
> 16 a 4, 0 b

R Vulpeculae F.G. clear ✓
Var. not seen.
> 17 d 4 $\underline{\underline{n}}$

S.S. Cygni F.G. clear
> 18 a 0 $\underline{\underline{n}}$ ~~bright~~.

R Trianguli F.G. 2/3 w ✓
> 53 d 4, 1 e

Nova Persei F.G. 2/3 w
> 54 (H 40) 3, 4 (H 1)

~~B Persei F.G. 2/3 w~~
~~> 56 f 3, 2 g rejected~~

slight amount of fog in this region but low down

Oct. 11, 1901

χ Cygni · F.G. clear ✓
8 24 l 3, 1 m

U Cygni · F.G. clear ✓
8 27 c 4, 2 d

~~β Persei eye 3/4 w~~
~~8 35 f 1, 4 g~~ Reject.

9 20 all cloudy; thick fog.

(14) (129) L.P.P.
*(115)

JD. 5673 Oct 15, 1901. (Tuesday) HCO

6 00 Comp stars for α Her. F.G. {a 4 b, b 2 c / c 4 d, d 1 e}

R Coronae FG ✓

7 13 b 1, 3 c

R Scuti's Comp ✱s FG ✓

7 17 a 3 b, b 2 c, c 4 d, d 4 e, e 5 f

R Aquilae FG ✓

7 19 d 5 – 6 var

R Scuti FG ✓

7 20 c 0, 2 d

7 23 χ Cygni FG ✓

m 2, 1 n

R Cassiop FG ✓

7 24 h 3, 0 k

U Camelop. FG ✓

7 25 c 4, 1 d

W Herculis FG ✓

7 27 a 3, 2 b

S Cassiop FG ✓

7 35 var 1 e

SS Cygni Region thought to be F.G.

certainly identified correctly, a only

7 38 seen fairly well and var. 2 gr. fainter

Oct. 15, 1901

R Trianguli F.G. ✓
8 20 d 3, 1 e

Nova Persei F.G. ✓
8 22 (H40) 2, 4 (H1)

U Cygni F.G. ✓
9 00 c 4, 2 d

R Piscium F.G. ✓
9 24 d 3 n

o Ceti Comp. *
9 25 x 2 y, y 2 z, z 5 α

o Ceti ✓
10 35 x 5, 3-4 α
Comp. stars for o Ceti
10 36 y 1.5 z, z 6 α

L. P. P.

(2 3) (5 2)
(*14) *(129)

Oct. 16, 1901 (Wednesday)

J.D. 5674 H.C.O.

R Coronae F.G. ✓
6 55 b 0.5, 4 c

R Scuti F.G. ✓
6 56 b 2, 1 c

χ Cygni F.G. ✓
6 57 m 3, n 1

R Cassiop. F.G. ✓
6 59 h 3, 0 k

7 08 W Herculis F.G. ✓
a 4, 0 b

SS Cygni F.G. —
7 10 a 2 var

8 42 Nova Persei F.G. ✓
(H40) 2, 4 (H1)

R Trianguli F.G. ✓
8 46 d 4, 2 e

T Cephei F.G.
Region identified but var too faint
8 50 to be seen.

Oct. 16, 1901.

U Cygni F.G. ✓

8 52 c 3, 2 d

~~Fr~~ U Camelop. F.G. ✓

9 02 c 3, 0 d

o Ceti F.G. ✓

10 35 x 6, 3 α {y 1 z
z 6 α}

U Ceti F.G. ✓

10 38 e 2, 0 f faint.

Ledgered, Plotted, Posted.

(2-3) (175)

(*2) (*131)

J.D. 5676. ~~Oct. 18, 1901 (Friday)~~
H.C.O.

R Coronae F.G. ✓
> 14 b 2, 2 c

> 15 R Scuti '' ✓
b 0, 2 c

> 16 R Aquilae '' ✓
d 6 var

> 17 SS Cygni '' ✓
a 3 var

> 18 R Cassiop. '' ✓
h 3, 0 k

> 19 U Camelop. '' ✓
o 3, 1 d

> 20 X Cygni '' ✓
n 2 var

W Herculis '' ✓
> 55 a 3, 0 b

U Cygni ''
> 56 c 3, 2 d ✓

Nova Persei
8 00 (HCO) 3, 4 (H.1) ✓

Oct. 18, 1901.

R Trianguli F.G. ✓

8 01 d 3, 2 e

S Cassiop F.G. ✓

8 03 e 1 ~~ef~~

T Cephei F.G. ✓

8 30 h 3, ~~a 1 k~~ faint. sky very clear,

o Ceti

10 04 y 4, 4 α ✓ y 13, 3 6 α

(24) (199)

#(2) #(133)

Red.
Plott.
Post.

Oct. 19. 1901 (Saturday)
J.D. 5677. H.C.O.

all cloudy to 7.25 then some broken

7 45 more cloudy again.

8 45 cloudy

8 54 X Cygni F.G. clear here
n 2, 20 —

S S Cygni F.G. clear here
Var not surely seen
8 55 a 3 V

R Scuti F.G. Clear here
8 56 var 2 &c ✓
b 0 var

R Cassiop. F.G. " "
8 58 h 4, k 0.5

9 00 U Camelop. F.G. " " —
c 3, 1 d

9 02 Nova Persei F.G. " "
(H40) 3, 3 (H1)

R Trianguli F.G. " "
9 03 d 4, 1-2 e

p.m. Wind light

Oct. 19. 1901

T. Cephei F.G. clear
9 17 b 2 var. faint. high wind ✓

o Ceti F.G. clear ✓
10 40 y 4, 2 α (x = 3, 307)

(16) (215)
#2 #(135)

L.P.P.

Oct. 21, 1901 (Monday) H.C.O.

J.D. 5679

R Bootis F.G. ws
7 00 c 2 N low

R Serpentis comp *s F.G. ws ✓
7 01 a 4 b, b 2 c, c 3 d, d 4 e, e 3 f

7 R Coronae F.G. ws
02 b 1, 3 c ✓

R Scuti F.G. ws ✓
7 03 a 5, 0.5 b

S Cassiop F.G. ws
9 18 e 2 var

U Camelop F.G. ws ✓
9 19 c 3, 1 d

Nova Persei F.G. Cs ✓
9 20 (H 40) 3, 3 (H 1)

R Trianguli F.G. Cs ✓
9 22 d 5, 0.5 e

9 25 χ Cygni F.G. ws
n 3, 0 0, 4 k ✓

Oct 21, 1901

T Cephei vs F.G. ✓

9 28 h 1-2 var

o Ceti F.G. Co ✓

11 07 y 5, δα (ε 33, 8, 0 y)

(18) (233)

*(7) *(142)

Led. Plott Post.

Oct. 22, 1901. (Tuesday)

7 00 Rather cloudy, except in north.

8 00 Too cloudy for Visual Observing

9 15 All cloudy everywhere

10 10 clearer

10 50 Nova Persei F.G. apparently clear here
(A 40) 4, 2 (A 1)

6.70
6.71
6.70

V Cephei F.G. 2/3 w. clds?
10 55 ~~a~~ b 3, 2 ~~g~~ c c's not.

6.48
6.24
6.36 magn Vol. 45

L. P. P.
(4) (237)
#142

Oct. 23, 1901 (Wednesday)

JD-5681 H.C.O.

7 00 Sky rather cloudy;
Too much cloud and haze to obtain
7 10 any estimates now

7 45 clouds thick almost everywhere

8 26 Nova Persei, F.G. m. gap in clds.
(H 400) 4, 2.5 (H 1)

χ Cygni. F.G. Clear
8 27 o 2, 2 p ✓

V Cephei F.G. clear
8 29 b 3, 2 c c' not ✓

8 30 R Sculpt. F.G. clear 2/3 W
a 5, 2 c b too low ✓
Region low.

8 33 R Trianguli F.G. moon.
Var. too faint to be seen tonight
d the faintest comp * seen

8 45 Becoming cloudy again
10 10 clearer
ο Ceti F.G. m 2/3 W ✓
10 20 α o var. ~~x 2, o y)~~
(x 2 g, g o y)

(9) (24δ)
2 — 10

L. P.

Oct 24, 1901 (Thursday)

J.D. 5682 H.C.O.

7 10 clouds too thick & numerous to do any estimating as yet.

7 35 Clearer

R Scuti C Ok. F.G.

8 15 a 4, 1.5 b, 3 c
4.90
4.67 moon br.
4.67
4.70

X Cygni. F.G. moon br.

8 17 a 2, 1 p
7.52
7.43
7.48

Nova Persei F.G. moon

8 20 (H40) 4, 2 (H1)
6.70
6.71
6.70

V Cephei. F.G. moon.

8 22 b 2.5, 2.5 c
6.43
6.15
6.29

8 25 U Cygni F.G. moon

c 4, 2 d
6.94
6.90
6.92

Moon too bright for faint variables tonight.

8 45 More clouds

Led. Plotd. Post.

(11) (259)

Oct 25, 1901 (Friday)
JD .5683 H.C.O.

R Coronae F.G. m
5 58 b2, 2c 5.76 / 5.74 / 5.75 ✓

R Scuti F.G. m
6 00 a4, 1b 4.90 / 4.72 / 4.81 ✓

X Cygni F.G. m ✓
6 02 o2, 1p 7.52 / 7.43 / 7.48

β Persei eye m
8 16 ~~j And.~~ b 2 var
~~β And~~ a 1 var
var 5 ~~ι Aurigae~~ c
2.40 / 2.47 / 2.40 / 2.42 ✓

8 17 Nova Persei F.G. m
(1+40) 4, 2 (HL) 6.70 / 6.71 / 6.70

8 39 β Persei & eye m
b2, a1, 6c 2.40 / 2.47 / 2.30 / 2.39 ✓

9 21 b2, a1, 5c 2.40 / 2.47 / 2.40 / 2.42 ✓

9 41 a2, 4c 2.57 / 2.50 / 2.54 ✓

9 50 clouds

10 16 a3, 3-4c 2.67 / 2.55 / 2.61 ✓
10 41 a4, 3c 2.77 / 2.60 / 2.68 ✓
11 14 a4, 2c 2.77 / 2.70 / 2.74 ✓

Oct 25, 1901

comp * z for o Ceti m

11 17 x 2, 0 y faint : 6.28 / 6.36 / 6.32 –

o Ceti too faint in moonlight to
11 18 be seen

β Persei eye m
11 50 c 0, 3 d 2.90 / 2.66 / 2.78 copied next morning from note.

(30) (289) L. P. P.

Oct 26, 1901 (Saturday)

J.D. 5684 H.C.O.

7 15 R Scuti F.G. clearer here some
a 4, 1 b m haze probably 4.90 / 4.72 / 4.81 ✓

Pretty cloudy or hazy in other parts of
the sky

8 00 Clouds ~~too~~ thick for estimates now.

~~Nov~~ Nova Persei F.G. m
8 50 (H40) 3, 1.5 (H1) moon very bright prob. some 6 4.60 / 6 4.76 / 6 4.68
haze 2/3 w

10 00 Nova Persei F.G. m. clearer sure
(H40) 4, 2 (H1) whole weight 6 4.70 / 6 4.71 / 6 4.70

Moon too near o Ceti.

& (6) (295) L.P.P.

Oct 28, 1901 (Monday)

J.D. 5686 H.C.O.

---

7 03 β Persei Eye m
b 3, 4 d
2.50
2.56
2.53

R Scuti F.G. m
7 16 a 4, 1 b
4.90
4.72
4.81

β Persei eye. m.
7 18 b 4, 3 d
2.60
2.66
2.63

X Cygni faint F.G. m
7 20 p 1 var
7.63

Nova Persei F.G. m
7 23 (H 40) 3.5, 3 (H 1)
6.65
6.61
6.63

7 24 R Cassiop F.G. m faint
k 2 var
7.70

β Persei eye m
8 05 b 5, 2.5 d
2.70
2.71
2.70

8 19 b 4, 3 d " "
2.60
2.66
2.63

8 22 ~~X~~ V Cephei F.G. m
b 3, 2 c
6.48
6.20
6.34

Oct 28, 1901

β Persei. eye m

8 35	var 1 c, 2 d.			2.80 2.76 2.78
9 14	c 2 0.5 d 2.5 e	"	"	3.10 2.91 2.83 2.95
9 ~~25~~ 26	C 2, 0.5 d, ~~15~~ 2 e	"	"	3.10 2.91 2.88 2.96
9 52	d 0.5, 1 e	"	"	~~3.13~~ 3.01 2.98 3.00
10 12	d 1, 0.5 e, 3 f	"	"	3.06 3.03 3.19 3.09
10 42	e 2, 1 f	"	"	3.28 3.39 3.34
10 58	e 3, 0 f, 3 g	"	"	3.38 3.49 3.47 3.45
11 20	f 2, 1 g 3.69 3.67 3.68	"	"	Copied from note next a.m.
11 44	~~f~~ g 1, 4 h 3.87 3.65 3.76	"	"	" " " " "

(38) (333)

L. P. P.

Oct. 29, 1901 Tuesday

J.D.-5687 H.C.O.

7:00 some clouds over the sky.

7 15 Too cloudy for any satisfactory estimate

7 18 T Cephei F.G. clear here m
h a var 8.12

7 20 R Cassiop. F.G. clear here m
k 2 var ~~7.48~~ 7.70

7 24 Nova Persei F.G. hazy 2/3 m
(H 40) 3, ~~3~~ 2 (H 1) 6.60 6.71 / 6.66

U Cygni F.G. clear here m
7 27 c 2, 3 d 6.74 6.80 / 6.77 ✓

7 55 Clouds over greater part of sky

9 00 Clearer

9 ~~20~~ 18 Nova Persei 2nd Obs clear m F.G.
(H 40) 4, 2 (H 1) 6.70 6.71 / 6.70

o Ceti F.G. clear m
9 20 α 2 var 7.48 ✓
x 0 8, 3 2 y

(21)(344)

L.P.P.

Oct. 30, 1901 (Wednesday)

R Coronae F.G. clear ✓
7 04 b 1, 3 e

W Herculis " " ✓
7 05 b 1 var

V R Camelop " " ✓
7 06 c 1, 3 d

R Scuti " " ✓
7 07 b 1, 1 c

χ Cygni " " ✓
7 08 k 1, 5 n

Nova Persei " "
7 11 (H40) 4, 1.5 (H1)

T Cephei " " ✓
7 56 f 4, 2 g, 1 h

R Trianguli " " ✓
7 57 f, 2 n

S Cassiop " " ✓
8 00 e 1 var

U Cygni " " ✓
8 02 c 1, 4 d

Oct 30, 1901

R Aquilae F.G. clear.
8 03 d 6 n

δ Ceti F.G. clear, m f.
9 d 2 var

(x = 3, 8 05 7)

(22) (366)

Z.P.P.

Oct. 31, 1901 (Thursday)
H.C.O.

J.D. 5689

β Persei eye haze? 2/3 W
6 47 d 1, 1 e
306
2.98
3.02
✓

7 04 R Scuti F.G. clear
c 0.5, 3 d
5.02
4.89
4.96
✓

R Cassiop. F.G. clear
7 08 h 3 k 1
7.47
7.60
7.54
✓

Nova Persei " hazy?
7 09 (H 40) 4, 2 (+1)
6.70
6.71
6.70

β Persei ~~eye~~ hazy but an experienced
7 13 d 2, e 0.5 1 f
3.16
3.13
3.39
.68
3.23
✓

T Cephei F.G. clear
7 18 f 3, 2 g, ~~h~~ 1 h
7.99
7.98
7.92
7.96
✓

V Cephei F.G. clear
7 19 b 1, 2 c
6.28
6.20
6.24
✓

~~7 33~~ β Persei ~~eye clearer~~
7 33 e 2, 0.5 f eye clearer
3.28
3.45
3.36
✓
7 54 f 1.5, 1.5 g " "
3.64
3.62
3.63
✓

R Aurigae F.G. clear
8 12 b 6, 1 d c not on chart.
7.21
7.62
7.42
✓

~~8 13 R.T. Cygni~~ F.G. clear see C's chart
a 3 0.5 f
✓

Oct 31, 1901.

β Persei

8 15 f 2, 0.5 g — eye clear — 3.69 / 3.72 / 3.70 ✓

8 36 f 3, 0.5 g — " " — 3.79 / 3.72 / 3.76

o Ceti — F. G. clear ✓

8 39 α 3, 5 β — ~~x 3 g y 0.5 7 α~~ — 7.58 / 7.52 / 7.55

x 3 g, γ 0.5 g, 3 7 α — 6.38 / 6.41 / 6.58 / 6.45

β Persei — ~~eye~~

8 56 f 3, g 0, 4 h — eye — 3.79 / 3.77 / 3.65 / 221 / 3.74 — moon coming up. ✓

9 06 f 3 0.5 g, 3.5 h — " — 3.79 / 3.72 / 3.70 / 3.74 ✓

9 17 f 1.5, 1.5 g — " — 3.64 / 3.62 / 3.63 ✓

10 02 e 1, 1 f — " — m — 3.18 / 3.39 / 3.28 ✓

10 14 e 1, 2 f — " — " — 3.18 / 3.29 / 3.24 ✓

10 50 c 3, 0.5 d — " — " — 3.20 / 2.91 / 6.11 / 3.06 ✓

11 26 ~~b~~ a 5, 1.5 c — " — " — 2.87 / 2.75 / 2.81 ✓

L. P. P.

(49) (415)

Nov. 1, 1901 (Friday)

Cleared about 8:30 but so busy at 15-in that I could not get any observations

L.C.

Nov. 2, 1901 (Saturday)

R Coronae F.G. very clear
7 10 a 3, 2 b ✓

R Scuti " ✓ "
7 11 c 2, o d

X Cygni " "
7 14 p 3, 1 r ✓

U Camelop " ✓ "
7 16 c 2, 3 d

7 15 R Cass. " ✓ "
h 4, k 2

R T Cygni " ✓ "
7 40 f 2 var final Not

Nova Persei " "
7 48 H 40 4, 2 (H 1)

R Trianguli " ✓ "
7 50 f 1-2 var

S Cassiop " ✓ "
8 55 e 0 var

T Cephei " "
8 56 f 4, 2 g ✓

♄ Nov. 2, 1901.

R Piscium F.G. very clear
9 06 d 3 var ✓

U Ceti " "
9 09 var not seen

o Ceti " "
9 11 α 4, 3 β (x 3 z, z 0 y) ✓

R Aurigae F.G. "
9 1? C 4, ~~d~~ 2d, 4 e ✓

F.G. very clear
Mr. D's Susp. Var. in Androm.
9 45 a 2, 2 b Region very high and ✓
β And. in field which is
quite bright.

for Not. see O's Chart A

η ~~ta~~ Gem. eye clear ✓
10 48 b 4 c 0, 2 d var. very red.

ζ Gem. eye ✓
10 51 c 1, 1 d

(32) (x 47)

L.P.V.

Nov. 3, 1901 (Sunday)

β Persei eye clear ✓

7:46 c 2, od, 2 e
8:15 c 1, 2 d
9:52 a 1, 4 c
10:10 a 1, 1 b

The above copied next morning from a scrap of paper. L.C.

(9). (456)
L.P.P.

Nov. 4, 1901 (Monday)

J.D. 5693 HCO.

5 53	R Coronae a 2, 2 b	Fog.	Clear	✓
5 55	R Scuti d 2, 0.5 e	"	"	✓
6 22	Dunner's Susp Var. a 2, 3 b	"	"	✓
6 23	Nova Per (H 40) 4, 1.5 (H 1)	"	"	
6 25	R Triang. f 3 var	"	"	✓
6 26	X Cygni p 3, 2 r	"	"	✓
6 27	R Aurigae c 4, 3 d,	"	"	✓
7 45	V Cephei b 1.5, 1.5 c	"	"	✓
7 48	T Cephei f 2, 3 g	"	"	✓
7 49	Dunner's Susp Var. a 2, 3 b	"	"	✓

Nov. 14, 1901

7 51 Sky getting cloudy now

U Cygni E.T. clear

7 54 C1, 3d ✓

R Andromedae " "

8 09 C5, 0.5d, 4e ✓

Dunnes Susp Var. " " ✓

8 13 a 2, 3 b

1032 foggy now in West and becoming more so all over sky

(26) (482)

L. P. P.

Nov. 5, 1901 (Tuesday)

J.D. 5694 H.C.O.

R Scuti F.G. haze?

7 15 e~~d~~ 1,5 f ✓

R Cass. F.G. clear ✓

7 17 h 5, k z

Nova Persei. F.G. " "

7 42 (H 40) 4, 2 (H 1)

R Andromedae " "

7 44 d 1, 4 e ✓

Dunner Susp Var " "
Normal Brightness

7 45 a 2, 2 b ✓

T Cephei F.G. clear

7 47 f 0.5, 4 g ✓

Dunner Susp Var F.G. clear

8 19 a 1, 3 b ✓

9 10 clouds thick nearly everywhere

10 00 clear

Ledgered, Plotted, Posted.
(14) (496)

Nov 6, 1901 (Wednesday)

JD = 5695 H.C.O.

7 10 ~~Sky~~ clouds somewhat thin but too thick for observing

8 00 clearer

χ Cygni F.G. clear
8 43 p 5, 0.5 a ✓

T Cephei " " ✓
8 44 ~~[illegible] 0.5 f~~
e 4 0.5 f

Nova Per. " "
10 13 (1+40)3, 3(1+1)

o Ceti " " ✓
10 14 α 5, 0.5 β (y = 3, 3 v − α)

R Androm F.G. clear
~~10 15 d 2, 2e~~
11 05 d 2, 1e " " ✓

U Cygni " "
11 07 c 4, 1 d ✓

(14) (510)

Ledgered, Plotted, Posted.

Nov. 7, 1901 (Thursday)

J.D. 5696. HCO ✓

R Scuti FG.

7 23 e 2, 4 f

U Camelop FG. ✓

7 27 c 1, 3 d

Nova Per. FG.

7 50 H40 1, 5 (H+I)

R Androm " ✓

7 58 c 5, 1 d, 4 e

Dus Strup near β And (FG ✓)

8 03 a 2, 2 b

T Cephei FG ✓

8 06 e 5, 1.5 f

Nova Per. FG.

8 35 (H40) 2, 4 (H+I)

R Trianguli " ✓

8 36 f 4 var

R Aurigae "

8 44 d 1, 2 e ✓

9 10 Sky more or less hazy espec. in West & South

Nov. 7, 1901.

o Ceti EH. clear

10 04 α 5, 2 β y ~~2~~, 5 α ✓

(2) (5321)

Led. Plot. Post.

JD 5698 Nov. 9, 1901 (Saturday)
HCO

R Ceti F.G. Clear ✓
7 12 e 3, 2.5 f

~~R~~ T Cephei " "
7 14 e 5, 2 f

R Androm. " " ✓
7 15 c 4, 2 d

X Cygni " " ✓
7 16 r 1, 3 s

Nova Persei " "
7 30 (H 40) 5, 1.5 (H 1), 4 (H 5)

7 35 Cloudy in west & getting more so everywhere

U Camelop F.G. clear here
7 38 c 2, 2 d ✓
8 55 clearer

9 05 V Cephei F.G. clear ✓
b 1, 2 c

~~0~~
o Ceti F.G. clear
9 07 α 6, 0.5 β (γ 3 (8) 0.5 γ) ✓

Ledgered, Plotted, Posted. -

(19) (551)

Nov. 14, 1901 Thursday.

Cloudy at 7 pm & 8 pm
Clearer at 9 pm
Cloudy at 9:20 pm
clearer at 11 pm.

β Persei eye clear high
11 08 b 2, 3 c

λ Tauri " " "
11 09 b 2, 0.5 c

β Persei eye
11 52 b 2.5, 2 c
14 18 d 1, 0.5 e "
14 42 e 0.5, 2 f "
15 19 e 3, 2 g " f too low
16 00 e 3, 1 g "
16 28 g 1, 3 h "
17 13 e 2, 1 g "

(8) (569)
L.P.P.

Nov. 15, 1901 (Friday)

R Scuti F.G. clear
7 21 e 4, 1.5 f

10 27 T Cephei F.G.
e 2, 4 f

10 28 χ Cygni faint F.G.
r 2, 0 s

10.30 Nova Per. F.G.
(1+40) 4, 2 (1+1)

o Ceti F.G.
11 00 β 2 var (x 2 z, z 1 y)

(12) (581)
L.P.P.

Sunday Nov. 17, 1901.

β Persei. eye
clear here ✓

9:28 b 2, 3 c

9:55 b 3, 1 c

above observations made at home.

L. P. P. (4) (585)

Nov. 19, 1901 (Tuesday)

J.D. - 5708 H.C.O.

8 30 Cleared suddenly

8 50 Clouds thick again

Nov. 20, 1901 (Wednesday)

J.D. 5709 HCO-

β Persei eye m
5:46 b 3.5 var

R Coronae F.G. m ✓
6:03 b 0.5 var.

R Scuti F.G. m ✓
6:05 f 4, g 1, 2 h

T Cephei. F.G. m ✓
6:14 e 4, 4 f

6 16 V Cephei F.G. m -
b 3, 0.5 c

U Cygni F.G. m -
6 27 c 1, 3 d

R Andromedae F.G. m .
6 36 b 3, 0.5 c, 4 d

Nova Persei F.G. m
6 37 (H40) ~~4~~ 5, 1.5 (H1)

U Camelop F.G. m ✓
6 39 c 0.5, 4 d

Nov. 20, 1901

β Persei eye m
6 40 b 5, 1 c, 3 d

7 21 c 1, 1 d " "

~~Dunnes Star near π Pegasi~~
~~F.G. m~~
~~7 30 a .5, 0 b [illegible] very red~~

β Persei eye
7 49 d 0.5, 2 e

8 34 d 2, 0.5 e
9 11 e 1.5, 1 f

Star z for o Ceti F.G. m
9 14 x 2, 0 y

R Aurigae F.G. m. faint ✓
9 16 d 3, 0 e

β Persei eye m light
9 35 f ~~2~~ 1.5, 3 g

10 07 f 3, 1 g " " "
10 25 f 1.5, 2.5 g
10 52 e 3, 3.5 g " " "
11 19 e 2, 4 g

Nov. 20, 1901

β Persei eye m high

11 53 d 1, 0.5 e

Comp * g for Vesta Fld.

11 56 a 4, 0.5 f

β Persei eye high

12 09 c 3, d 0.5, 3 e

12 29 c 1.5, 1 d " = " ~~home~~ 14 C.O.

13 00 c 0.5, 2 d " home.

$(5\overset{3}{5})$ $(6\,\overset{38}{\cancel{40}})$

Nov. 21, 1901 (Thursday)
H.C.O.

J.D. 5710.

R Scuti vs F.G. m ✓

6 42 g 3, 1 h

R Cassiopeiae " " ✓

6 51 h 3, 0.5 k

Nova Persei . " "

6 52 (H40) 4, 2 (H1)

R Andromedae . " ✓

6 53 b 4, 1 c, 5 d

T Cephei " " ✓

6 54 e 4, 2 f

V Cephei . " " ✓

6 55 b 3, 1 c

Dr's star near π Peg. " "

6 56 a 4, 3 b star red.

Moon too bright for Faint Variables

(15) (653) L.P.P.

Nov. 22, 1901 (Friday)

J.D. 5710 H.C.O.

Nova Persei W's F.G. clear m

7 10 (H K 0) 5, 2 (H 1)

R Andromedae " " "

7 11 6 3, 2 a

B & C 1182 Ball 103

7 17 53.5 7 18 00

Moon too bright for fainter stars tonight: also a small amount of haze.

(4) (659)

L.P.P.

Nov. 25, 1901 Monday

J.D. 5714 H.C.O.

7 30 cloudy again.

8 30 still cloudy

9 30 " "

9 30 clearer

Nov. 27 1901 (Wednesday)

J.D. 5716 HCO

T Cephei F.G. m. high wind ✓

7 27 c 3, 3 f

Nova Persei F.G. m " "

(H 40) 6 1 (H 1) 6.90 / 6.81 / 6.86

7 28

R Androm " " " " ✓

7 29 b 2, 2 c

V Cephei " " " " ✓

7 42 b 2, 3 c

U Cygni " " " ✓

7 43 c 4, 0 d

Moon too bright for fainter variables

(10) (669)

L.P.P.

Nov. 28 1901. Thursday
J.D. 5717 HCO

T Cephei . F.G ✓

7 36 e 3, 2 f

R Androm. " ✓

7 37 U Cassiop. $\overset{2}{}\overset{c}{}$ " ✓

7 38 c 0, 4 d
Nova Per. "

7 40 (1+40)v, 1(+1) 680 681 680

7 (676)

L.P.P.

Nov. 30, 1901 (Saturday)

JD 5719 Home + H.C.O.

λ Tauri. eye clear

6 27 b 2, 0.5 c, 4 d ✓

6 58 c 0.5, 3 d " " ✓

93.1901 Sag. F.G. " ✓

8 02 a 3, 2 b ~~see DM. chart~~

a = +19.3956 (6.0) b = +18.4043 (6.8)

T Cephei F.G. clear

8 04 e 4, 2 f (h o f) ✓

R And. F.G. ✓

8 06 c 1, 4 d

Nova Persei "

8 07 (H40) 5, 1 (H 1)

U Camelop. " ✓

8 08 b 3, 0.5 c

U Cygni. " ✓

8 10 c 3, 0.5 d

8 13 V Cephei "

b 1, 3 c ✓

Nov. 30, 1901

8 14 λ Tauri eye
~~b~~ c 4, d 0.5, 3.5 e —

8 20 R Aurigae · F.G. f. ✓
e 2 var

8 21 Du's star near β And · F.G. ✓
var 1 b

8 53 (S'usp star in Pisc at 1:20 +4°.6
a 5, 1 b

a = DM + 3° 34 (8.0)
b = DM. + 4° 230 (8.0)

9 15 λ Tauri eye
d 2, 2 e ✓

9 28 ζ Gem. eye haze? ✓
b 3, 0 c

9 30 η Gem. eye haze? var red. ✓
c 2, 2 d

9 35 Star g for o Ceti F.G. ✓
$g^{3}, {}^{3}\alpha$

Nov. 30, 1901.

λ Tauri eye clear

9 41 d 3, 1e ✓

9 57 d 3, 1e " haze? ✓

10 20 cloudy

L. P.

(38) (714)

299 est during Nov. 1901.

Dec 1, 1901 Sunday

H.C.O.

93.1901 Sag. E.L. ✓

6 23 a 3, 1 b

L P V

2) (7.6)

Dec. 2, 1901 (Monday)

J.D. 5721 H.C.O.

93.1901 Sagittae F.G. clear

7 05 a 5, 2 b

Nova Persei F.G. clear

7 10 (H 40) 5, 1 (H 1)

T Cephei F.G. clear

7 11 e 4, 2 f

Star at 1. 20 + 4.6 F.G. haze.

9 22 a 1, 4 b

R Andromedae " clear

9 ~~8~~ 24 b 3, 2 c, 5 d

Stars for o Ceti F.G. haze

9 30 x 2, o g 1, 7 α

9 45 Clouds thick.

(14) (730)

L. P. P.

Dec. 4, 1901 (Wednesday)

J.D. 5923 HCO

~~6 57 λ Tauri eye~~

~~6 57 d 0, 3 e~~

93.1901 Sag. FG ✓

7 12 a 4, 2 b

T Cephei FG ✓

7 14 e ~~4~~ 3, 3 f

Nova Per. FG.

7 33 (H40) 5, 1 (H1)

~~X~~ V Cephei. FG. ✓

7 34 a 5, 1 b

— Pisc. 1 20 + 4,6 FG, ✓

7 35 a 1, 3 b

7 36 U Camelop. FG. X ✓

b 2, 1 c

R Aquarii ✓

8 08 c 4, 1 d

U Cygni

8 10 c 3, 1 d ✓

Dec. 4 1901

R Androm FG ✓
8 15 c 1, 4 d

S S Cygni . FG. faint but surely seen.
10 05 a 3, 2 c

~~10.10 R Cassiop FG.~~
~~var = k~~

10 12 Star g for o Ceti FG. ✓
x 3, 1 g

(22) (752)

Ledgered
Plotted
Posted.

Dec. 5, 1901 (Thursday)

93.1901 Sag. FG. ✓
6 31 a 4, 2 b

T Cephei. FG ✓
6 45 e 4, 3 f

Nova Per. FG.
7 13 (1+40) v; 2(+1)

U Camelop ″ ✓
7 14 b 3, 0 c

R Androm. ″ ✓
7 15 c 0, 5 d

— Pisc. 1:20 +46 ″ ✓
7 16 a 1.5, 2 b

7 18 R Aquarii ″ ✓
c 4, 1 d, 4 e.

7 20 SS Cygni ″
a 3, 1 c ft.

7 24 93.1901 Sag. ″ ✓
a 4, 2 b

stars for o Ceti ″ ✓
7 25 x 0, 3 y

Dec. 17 1901

Star near β And. F.G.

7 26 var = b ✓

(22) (774)

L.P.P.

Dec. 6, 1901 (Friday)

JD 5725 HCO.

93-1901 Sagittae F.G.,
6 32 a 4, 1 b ✓

8 03 a 4, 2 b " " ✓

T Cephei " ✓
8 04 a 4, 2 b

Nova Persei "
8 05 ~~H~~ Nova 1(+1)

– Proc. 1:20 +4.6 ✓
8 06 a 3, 2 b ✓

8 08 S, S' Cygni "
Var. 1 c /
a 3 var

~~8 10 93.1901 Sag. F.G.~~
~~a 4, 2 b Note: forgot to record at the time~~
of ~~making the observations, recorded~~
~~next morning~~
(11) (785)
L. P. P.

Dec. 7, 1901 (Saturday)

H.C.O.

7 00 clouds thick

7 15 Cloudy

7 45 all cloudy no chance for work.

Dec. 9, 1901 (Monday)

JD 5728 AC. 0.

R Androm. F.G. haze.

6 20 c 2,4d

Sky pretty hazy & cloudy; clearest
6 23 overhead where Andromeda is.

6 45 Clouds thick everywhere

7 05 " " "

(2)(787)

L.P.P.

Dec. 10, 1901 Tuesday

J.D. 5729 Home

β Persei eye clear

5 22 a 2, b 1, 5 c ✓

5 53 a 2, b 1, 4 c ✓

6 27 a 3, b 2, 3 c ✓

7 00 a 4, b 3, 1.5 c N C O. ✓

~~H. C. O.~~

93, 1901 Sag F.G.

7 12 a 4, 2 b ✓

7 20 Nova Per "
(H 40) 5, 1 (H1) 4, (H 5)

T Cephei F.G. ✓

7 22 e 4, 3 f

β Persei eye

7 57 c 0, 3 d ✓

U Cassiop F.G. ✓

7 59 b 3, 0.5 c

V Cephei ✓

8 00 a 5, 0.5 b, 4 c

Dec 10, 1901.

SS Cygni F.G.

8 01 a 4, 1c

U Cygni "

8 02 c 4, 0d ✓

Clouds in S & S.W.

8 11 93.1901 Sagittae F.G. haze.

a 4, 2b

8 13 R Androm F.G. haze ✓

b 3, 1c, 4d

8 15 β Persei eye ✓

c 0.5, 2d

8 16 S Urs. Maj. F.G ✓ haze

d 0 2a 1/2 w.

8 20 Sky more or less hazy

8 30 Sky more cloudy

8 42 β Persei eye ~~haze~~.

c 1, 1d, 3e ✓ haze

9 39 d 2, 0e ✓ haze 1/2 w.

10 05 e 2, 2f clearer ✓

10 30 cloudy everywhere

Dec. 14 1901.

β Persei.

11:41 3 h clearer. copied from memory.

(46) (833)

L. P.

Dec. 11, 1901 (Wednesday)

JD 5.~~9~~730 H.C.O.

T. Cephei F.G. hazy a little ✓
7 15 e 4, 3 f

Nova Persei F.G. clear.
7 2~~2~~1 (H 1) 0, 3 (H 5)

7 40 Sky more or less cloudy.
8 10 clearer
8 17 — Pisc 1.20 + +4.6 F.G. clear ✓
a 3, 2 b

8 21 R Aquarii F.G. hazy. ✓
d 3, 3 e

U Arietis F.G. see Co's chart ✓
9 08 x 2, 1 y

9 35 all cloudy
10 00 clearer
10 20 all cloudy

(10) (843)

L. P.

Dec. 12, 1901 (Thursday)

J.D. 5731. H. C. O.

T Aquilae F.G. ✓

7 13 e 4, 3 f

Nova Persei "

7 14 (H D o, 3 (H 5)

R Androm "

7 16 c o, 4 d ✓

7 30 Sky more or less cloudy and hazy.

L. P. P.

(6) (849)

Dec. 14. '01 (Sat.)

8 30 cloudy
9 00 cloudy

Dec. 16, 1901 (Monday)

JD - 5735 H C O.

5.18 R Scuti too cloudy & too much twilight

93.1901 Sagittae ~~HCO~~ F.G. twi ✓
5 21 a 3, 2 b

R Aquarii F.G.
6 23 c 4, d 0, 3 e

T Cephei F.G. ✓ ✓
6 24 e 2, 4 f

Nova Persei. F.G.
6 25 (1+1) 1, 2 (1+5)

6 58 R And. F.G. ✓
var v-d. (cir cloud) haze

7 20 cloudy

8 00 cloudy

(10) (859)

Ledgered, Plotted Posted.

Dec. 18, 1901 (Wednesday)

J.D. - 5737 H.C.O.

93.1901 Sagittae F.G. low h, m,
7 18 a 3, 3 b ~~8~~ 1/3 w.

R Andromedae F.G. m. h. ✓
7 23 c 0, 5 d

Nova Persei F.G. h, m.
7 24 (H 1) 2, 2 (H 5)

7 30 Note. - very difficult to observe well as there is considerable haze, and the moon is rather bright.

T Cephei F.G. h, m. ✓
7 33 e 1, 5 f

V Cephei F.G. h, m. ✓
7 34 b 3, 2 c

8 10 Sky nearly all cloudy

(d) (A69)

Ledgered, Plotted, Posted;

Dec. 20, 1901 (Friday)

J.D. 5739 H.O.O.

7 00 cloudy

8 15 Clearer now.

Nova Persei - F.G. m high.

8 17 (H1) =, 2 (H5)

R Androm " " "

8 20 C 2, 3 d ✓

Moon quite bright for fainter variables

4 (~~0~~73)

Ledgered

Plotted

Posted.

Dec. 21, 1901 Saturday

J.D. 5740 H.C.O.

93.1901 Sag F.G. m

5 40 a 4, 1.5 b

T Cephei F.G. m

5 43 e 1, 4 b

Moon too bright for faint stars.

R Leonis F.G. m ✓

10 15 f 1 var

(5)(878)

Led. Plott. Post.

Dec. 24, 1901 (Tuesday)

J.D. 5-743 H.C.O.

6 23 93.1901 Sagittae
Normal. 6.4 m. very bright.

6 26 R And. m, high,
c1, 3d 6.50
6.64
6.57

6 30 Moon very bright; probably haze in sky also

9 00 Clouds

9 20 cloudy

Ledgered, Plotted, Posted,
2(880)

Dec. 27, 1901 Friday

J.D. 5746

HCO

93.1901 F.G.

5 26 a 3, 2 b ✓

T Cephei

5 28 d 5, e 1, 5 f ✓

R Aquarii

5 32 c 1, 4 d

✓ T Cephei

7 06 b 1, 3 c ✓

Nova Persei.

7 08 (H 1) 0, 3 (H $\overset{5}{2}$)

U Arietis

7 12 var 0 f ✓

— Pisc 1.20 + 4.6 moon rising

7 20 a 4, 1 b ✓

R Androm

7 28 c 2, 2 d ✓

U Camelop.

7 30 b 3, 1 c ✓

Dec 27, 1901.

X Persei FG. m. high.

8 15 ~~Var z (x)~~ ✓

0.5 w, z x. Cs prel. notation.

R Leonis Moon near

10 15 c z, 4 d. FG. ✓

(22) (902)

Ledgered Plotted Posted

Dec. 30, 1901, (Monday)

Cloudy to clear at 9.40

— Pisc. F.G. ✓

10 00 a 4, 0 b

10 33 R Leonis. F.G. ✓

c 3, 1 d

T Cephei. F.G ✓

10 34 e 2, 5 f

Nova Persei F.G

10 36 (H 1) 2, 1 (H 5)

10 40 R Androm ✓

c 4, 1 d

(40) (912)

Ledgered Plotted posted.

Dec. 31, 1901. (Tuesday)

J.D. 5750 H.C.O.

7 00 Cloudy

R Aquarii 6.76 / 6.72 / 6.74 F.G. very high wind ✓
7 38 e 3, 2 d

T Cephei 7.08 / 7.12 / 7.10 " " ✓
7 40 d 4, a e

– Pisc. " " ✓
7 41 a 4, 0.5 b

Nova Persei. 6.91 / 6.95 / 6.93 " "
7 57 (41) 0, 3 (45)

V Cephei
7 58 b 0.5, 4 e " " ✓

U Arietis: " " ✓
8 00 d 1, 4 e " "

U Camelop " " ✓
8 03 b 1, 3 c

X Persei " " ✓
8 26 var 4 [illegible]

Dec. 31, 1901.

R Urs. Maj. F.G. high wind
8 42 g 2, 2 h 7.91 ✓
7.98
7.94

X Cancri. F.G.
8 52 a 1, 2 b, 2.5 c see C's chart. ✓

S Urs. Maj. F.G. high wind.
9 40 var glimpsed = f. 8.11 ~~7.11~~ ✓
e 2-3 var.

9 45 R Leonis F.G. High wind.
c 4, d 0.5, 4 e 5.59
varies quite red. 5.50
5.24
133
5.44

S Hydrae F.G. high wind
10 00 d 3, 3 e 8.03
7.95 ✓
7.99

10 20 Clouds

10 ~~30~~ 25 all cloudy

(26) (938)

Ledgered, Plotted Posted

224 est during Dec 1901.

January 1, 1902 (Wednesday)

J.D. 5751 H.C.O.

5 55 ~~+ 8~~ 93.1901, Sagittae F.G. windy ✓
a 4 1 b

Nova Persei
5 57 (H1) 0, 3 (H5) 6.91 / 6.95 / 6.93

T Ariet.
7 40 d 4, 0.v e 7.08 / 7.07 / 7.08 ✓

— Pisc.
7 42 a 4, 0.v b ✓

R And.
7 43 c 4, 0.v d 6.80 / 6.89 / 6.84 ✓

U Arietis
7 44 d 3, 2 e ✓

X Persei
7 45 a 5, 4 b ✓

~~8 10 R Pegasi~~
var v e 7.07

9 10 clouds

over

Jan. 1, 1901

R Urs. Maj. F.G. Clds nearly ✓

9 12 g0, 4h 7.71
7.78
7.74

R Leonis F.G. low ✓

9 13 c3, 0d, 3e 5.49
5.45
5.34
5.43

X Cancri. Clear

10 20 d5, 2a ✓

S¹ Hydrae Clear ✓

10 21 d3, 2e 8.03 ✓
8.05 ✓
8.04 ✓

(24) (962)

Ledgered, Plotted, Posted.

Jan. 2, 1901 (Thursday)

JD 5752 H.C.O.

7 00 rather cloudy

Observer because of a very sore neck is unable to do much of any Observing, especially where the altitude is ~~at~~ at all high.

R ~~A~~ Ursae Majoris F.G. haze?
7 52 b 3, 2 g

Rather hazy in most every part of the sky.

T Arie F.G. clear here
8 05 d 4, e 0.5, 5 f

9 15 all cloudy
9 45 All cloudy

L.P.

(5) (967)

Jan. 3, 1901 (Friday)

J.D. 5753 HCO.

1901
93 Sagittae F.G. clear

5 45 a 3, 2 b ✓

R Aquarii F.G. clear
5 47 c 2, 3 d ✓

R Sculptoris " hazy ✓
5 55 var 4 c
haze troubled before b could be estimated with var.

Nova Persei F.G.
7 23 (H1) 0, 3 (+5)

T Cephei. F.G.
7 52 d 4, ~~4~~ 5 f ✓

R Urs. Maj.
7 53 f 1, 3 g ✓

R Androm.
7 55 c 5, d 0.5 ✓

U Arietis
7 56 d 4, 2 e ✓

Jan. 3, 190x^{2}

— Pisc. 1:20 +4.6 ✓

7 08 a 6, 1 b (a & b)

X Persei. F.G. high ✓

8 10 b 3, 1 c

R Leonis. F.G.

~~10 00~~ ✓

9 55 c 4, d 2, 2 e

X Cancri — F.G ✓

9 57 a 1, 3 b old not. of C.

(24) (991)

Ledgered, Plotted, Posted

Jan 4, 1902

Campbell sick.

Jan. 6, 1902. (Monday)

J.D. 5756 H.C.O.

7 00 Too hazy & cloudy for estimates.

7 20 " " " " " .

8 00 cloudy

8 40 Thickly cloudy

January 9, 1902 (Thursday)
H.C.D.

5 10 J.D. 5-759

19 20 + 19.4
24 50 C. Obs

30

93.1901 Sagittae sequence

phot b 3 Campbell's a
C's a 3 phot a
phot a 2 phot d
phot d ~~3~~4 phot ~~c~~ e
phot e 3 phot f
phot f 2~~4~~ phot g
phot g 3 phot m
phot m 4 phot k
phot k 3 phot l
6 15 (a 3, 3 b) = Var. obs. 6.27 ✓

~~phot l 5 phot n~~
~~phot n 4 phot o~~

Getting hazy

Estimates of comp * made with the 6in.

Est of Var with Field Glass

7 00 ~~pretty~~ hazy
7 30 Haze rather thick

Jan. 9, 1902

8 10 Clouds & hazy most everywhere

R Androm. F.G. hazy
9 15 ✓ d 1, 3 e 6.96 / 6.90 / 6.93 ✓

Sky too hazy to continue now

9 20 Nova Persei F.G. ~~clear~~ hazy
(A 1) 2, * (A 5) 7.11 / 7.15 / 7.13 ✓

9 25 ✓ T Cephei F.G. — clearer here
d 2, e 0, 6 f 7.03 6.85 / 7.12 / 7.09 / 7.03 ✓

✓ X Persei F.G. clearer here
9 30 b 4, a c 6.56 ✓ 6.62 / 6.51 / 6.56 ✓

R Ursa Maj. clearer
9 35 ✓ f 3, 2 g 7.76 ✓ / 7.51 ✓ / 7.64 ✓ ✓

R Leonis F.G. clearer
10 00 ✓ d 4, e 1, 4 f 5.85 / 5.74 / 5.44 / 5.68 ✓

✓ X Cancri F.G. clear
10 02 b 3, 2 c 7.12 ✓ / 6.91 ✓ / 7.02 ✓

(8) (1009)
(9) # (151)

JD 5766 Jan. 10, 1902. (Friday)
HCO.

---

7 30 Cleared suddenly

V Cephei. F.G. clear

7 55 a 3, 1 b, 4 c — 5.85 / 6.08 / 6.00 / 17.93 / 5.98 ✓

R Androm

7 56 d 3, 0 e — 7.24 / 7.35 / 7.30 ✓

X Persei — high

7 57 b 0.5, 4 c — 6.27 ✓ / 6.11 ✓ / 38 / 6.19 ✓

U Arietis

8 05 e 3 var 8.24 very faint. ✓

R Urs Maj

8 12 f 0, 3 g — 7.48 ✓ / 7.41 ✓ / 7.44 ✓ ✓

T Cephei F.G. ✓

8 35 d 2, 0 e — 6.88 / 7.12 / 7.00

Nova Persei — high East

8 37 (H 1), 2, 1 (H 3)

8 50 Sky rather hazy

Jan. 10, 1902

X Cancri F. G. clear

10 00 a 4, 1 b new notation 6.69 / 7.01 ✓ / 13.70 / 6.85

R Leonis clear F. G.

10 01 d 4, e 1, 3 f 5.85 / 5.74 / 5.04 / .263 / 5.71 ✓

(19) (1028)

Ledgered, Plotted Posted.

Jan. 1$\overset{2}{\cancel{1}}$, 1902.
(Sunday)

J.D. v~~96~~2 Home

X Cancri F.G.
10:10 a4, 3$\overset{6}{\cancel{a}}$ ✓

X Persei F.G. ✓
10:11 b3, 05c

S' Hydrae F.G.
d$\overset{3}{\cancel{4}}$, 3e 10:12 ✓

R Leonis F.G.
~~e~~ 2, 3f 10:13 ✓

---

(8) (4036)
L.P.P.

Jan. 13, 1902. (Monday)

93.1901 Sagittae   H C Ob

19 20 +19.6 ~~+14 30~~
20 30
6 10

sequence

5 245 a 4 b
b 4 c   6 in tel.
c 3 ~~3~~ d
d 4 e
e 5 f
f 4 g
g 3 h
h 4 k
k 2 l
l 4 m
m 4 n
n 4 o
~~o 5 k~~

above order of sequence confirmed by O.C.W.

6 15 var 3 d. 6 in tel.

R Aquarii F. G.

7 48 d 2, 3 e

– Pisc. 1.20 +4.6 Fd

7 49 a 3, 0.5 b (a 7 b)

Jan. 13, 1902.

R Androm. F.G. ✓
7 50 a1, 3 f

T Cephei F.G. ✓
7 51 d2, 1e

R Urs Maj. F.G. ✓
7 52 f 0, 4 g

X Persei F.G. ✓
7 53 b2, 2c

X Cancri F.G. ✓
8 57 a4, 3 b

R Leonis F.G. ✓
9 43 d3, 1e, 4f

Nova Persei F.G. West ~~east~~ of meridian
9 45 (H1)4; (H5)1

S Hydrae F.G ✓
9 47 d3, 3e

Note:- Make charts of Region of R Cancri, V Cancri. Nova Persei. R Ari

All done 22 (1058)
(14*/165) L.P.

Jan. 14, 1902. (Tuesday)

J.D. 5764. H.C.O.

5:45 P.cld.

Nova Persei F.G. clear here

6 12 ~~X~~ ‖ facing East Nova 1 H5 } West Balcony
⊥ & facing ~~East~~ North Nova 2 H5 }

X ‖ & facing West H5 1 Nova } East Balcony
6 15 ⊥ & facing ~~West~~ South H5 1 Nova. }

T Ophiu. F.G. clear here

6 35 d 2, 2 e

X Persei. F.G. Zenith.

6 58 a ~~4~~ 3, 3.5 b

7 30 Rather hazy & cloudy

R Ursae Maj F.G. haze 2/3 W

8 15 f 1, 3 g

X Cancri. F.G. 1/2 W haze

8 16 b 0.5, 3 c

9 00 ~~Cloudy~~ Clds thick everywhere

(12) (1070)

L. P. P.

Jan 15, 1902. (Wednesday)
J.D. 5765 HCO.

X Persei Zenith F.G. clear here
7 14 a 4, 2 b 5.97 / 6.02 / 6.00 ✓

Nova Persei Zenith F.G. clear here
7 22 Nova 1 H5 Facing East & ⊥ 7.15

7 23 H5 1 Nova Facing West & ⊥ 7.05

R Androm F.G. clear here
7 24 e 3, 1 f 7.65 / 7.61 / 7.63 ✓

Nova Persei Zenith, F.G, hazy
7 35 Nova 1 H5 Facing East & ∥ 7.15

7 36 ~~Nova~~ H5 0-1 Nova Facing West & ∥ 7.35 / 7.25

7 37 Too hazy & cloudy except near zenith for any work just now

8 37 " " " " "

R Leonis F.G. hazy 2/3 w
9 08 var $\frac{3}{4}$ f 5.34 ✓

9 10 Cloudier most everywhere

9 (1079) L.P.

Jan. 16, 1907 (Thursday)

JD 5766 A.CO.

7 00 cloudy

8 00 "

8 40 clearer

8 45 cloudier

8 50 Too cloudy for estimates now.

9 00 all cloudy

Jan. 17, 1902 (Friday)

93.1901 Sagittae C. 86

19 20 +19,6

5 30 25 35

6 15

a 5 b 6 in ~~telescope~~

b 3 a

c 2 d

d 3 e

e 3 f

f 4 g

g 3 h

h 4 k

k 3 l

l 3 m

m 3 n

n 4 o

o just seen {alt low / m rather bright}

5 50 var 3 d 6.47 6 in ~~telescope~~ ✓

R Aquarii F.Y. m ✓

6 10 d 3, 3 e 7.22 / 7.29 / 7.26

T Cephei " " ✓

7 15 1 d, 4 e 6.58 / 6.72 / 6.65

R Andr. " 7.66 / 7.61 / 7.63 " ✓

7 16 e 3, 1 f

Jan 17, 1902.

X Persei F.L. m

7 17 a4, 1.5 6 5.97 ✓
6.07
6.02

Nova Persei F.L. Facing E & ⊥

7 18 (H 1) 2, 1 (H 5)
(H 1) 2, 1 (H 5) Facing ~~E &~~ H h.

(H 5) 2, 1 (H 6) Facing W & ⊥

7 23 (H 5) 2, 1 (H 6) ~~W +~~ H 8.

R Urs. Maj. F.L.

7 24 f0, 3g ✓ 7.48
7.41
7.44

X Cancri F.L. ✓

8 48 b2, 1c 7.02
7.01
7.02

R Leonis F.L.

8 49 e3, 1f 5.94 ✓
5.74
5.84

V Cephei F.L.

9 05 a4, 1b, 3c 5.95
6.6
6.10
8, 1, 3
6.04 ✓

(26) (1105)

L.P.P. *(12) (17)*

Jan. 18, 1902 (Saturday)

J.D. 5768 HCO

7 00 cloudy

7 40 "

Cleared suddenly but now

9 05 all cloudy

9 40 Somewhat clearer but too cloudy for Estimates

Jan. 20, 1902, (Monday)

J.D. 5770 H.C.O.

6 15 too much haze & moonlight for observations with F.G.

7 24 T Cephei F.G. m
var 3 d 6.38

X Persei F.G. m
8 15 b 2 var, var 2 c 6.42
6.31
6.36

Moon too bright and too much haze for faint star observations tonight

9 32 R Leonis F.G. m
~~var 1~~
f 1 var 5.94

Ledgered Plotted Posted.

(L.Y. 1109)

January 22, 1902 (Wednesday)

J.D. 5772 H.C.O.

7 45 Too cloudy for estimates

Nova Persei F.G. high
8 30 H v 3 var 7.55 1/2 wt. Moon very bright and obs. diff.

X Persei F.G. high m
8 40 6 3, 2 c 6.52 6.31 6.42 2/3 wt. fog?

T Cephei F.G. - bright m.
8 45 var v d 6.18 2/3 wt. haze

9 00 cloudier

9 30 all foggy

9 50 still foggy

10 05 " "

(4) (1113)

Ledgered, Plotted, Posted.

Jan. 23, 1902 (Thursday)

Nova Persei F.G. m
7 20 H 5 5 var, H 6 3 var

T Cephei F.G. m
7 21 ~~b 4, 1 d~~ c 3, 5 d 6.34 6.18 6.26 —

~~R Androm F.G. m~~
~~7 23 f 2 R var~~ 7.91

X Persei F.G. m
7 55 b 4, 1 c 6.52 ✓

V Cephei F.G. m
7 57 a 4, 1 b, ~~4~~ c 5.95 6.08 6.00 6.01 ✓

8 45 R Leonis F.G. m near
f 4, 4 h 6.24 6.03 6.14 ✓

8 50 Moon too bright for ~~fa~~ fainter objects

(12) (11 2~~4~~)

Ledgered, Plotted, Posted.

Jan. 24, 1902 Friday
J.D. 5774 HCO

R Androm
7 20 f1, 3g 7.81 / 7.81 / 7.81 F.G. ✓ clear m

T Cephei " " "
7 21 c3, 3d 6.34 / 6.38 / 6.36 ✓

Nova Persei " " "
7 23 H5 3 var, var ~~X~~' H6

X Persei " " "
7 25 b1, 3c 6.26 ✓

8 20 moon too near ~~for~~ & bright for any nova variables tonight

(8) (1132)

JD 5775 Jan 25 1902 ~~Saturday~~

β Persei · eye Hour 2

6 00 c 2, d 0.5 3.10 3.01 3.06 ✓

6 28 d 0.5, 2 e 3.01 2.88 2.94 " ✓ H C. O

7 10 c 2, 1 d 3.10 2.86 2.98 " ✓

7 56 c [illegible] 1 d 3.00 2.86 2.93 " ✓ " [illegible]

— Pisc. F.G. clear

7 11 a 5, 1 b a 7 b 7.46 ✓

R Androm F.G.

7 12 f 2, 2 g 7.91 7.91 7.91 ✓

T Cephei F.G.

7 13 c 2, 3 d 6.30

R Urs. Maj. F.G.

7 14 f 0, 3 g 7.44 ✓

Nova Persei F.G.

7 15 (H 5) 4 var (H 6) 1 var 7.65 (H 1) 3 (H 5) 2 (H 6).

X Persei F.G. ✓

7 16 a 4, 1 b 5.97 6.11 6.04

U Camelop F.G.

7 55 a 0, 2 b 7.30 7.02 7.16 ✓

January 25, 1902

X Cancri . F. G. m. haze 2/3 wt
87 58 Δ a 5,06 $\frac{6.79 \\ 6.82}{6.80}$ ✓ '

(24) (1156)

(3) (80)

L. P. P.

January 27, 1902 (Monday)
J.D. 5777
H.C.O.

R Aquarii F. G. clear / Sky very clear tonight but wind at times rather high

7 13 d 4, 0.5 e 7.32 / 7.54 / 7.43 ✓

X Persei
7 20 a 3, 2 b 5.87 / 6.02 / 5.94 ✓

Nova Persei. Facing ~~West~~ East
7 21 H 5 3, a H 6 6.55 ((1) 3, (5) 3 (6) 5 (7))

R Urs Maj F. G. Clear
7 22 f ~~e~~, 2 g 7.58 / 7.51 / 7.54 ✓

T Cephei F. G. Clear
7 23 c 2, 3 d 6.24 / 6.38 / 6.31 ✓

X Cancri. " "
7 53 a 5, 1 b 6.79 / 6.72 / 6.76 ✓

S Hydrae "
7 54 d 3, 3 e 8.03 / 7.95 / 7.99 ✓

R Leonis " "
7 55 f 4, 0 h 6.28 / 6.43 / 6.36 ✓

— Pisc. " "
7 58 a 5, 0.5 b 7.46 (a 6 b) ✓

V Cephei. " "
8 00 b ~~a~~ 2, 3 ~~d~~ c 6.38 / 6.10 ✓

Jan. 27, 1902

Nova Persei   Facing West

9 10 (H 6) 1, 4 (H 7)

(2 4) (1178) (4, #184)

Ledgered, Plotted, Posted.

Jan. 28, 1902 (Tuesday)

JD 5778. HCO

X Persei F.G. clear high

7 19 a 4, b 1-2 b 5.97 6.07 6.02

X Cancri

7 40 b 0, 2 c 6.82 6.91 6.86 F.G. clear

R Leonis

7 41 h 1, 2 k 6.43 6.42 6.42

Nova Persei. Facing East 7.75 ✓

7 45 (1+5) 5, (1+6) 2, 4 (+7)

(1) 4, (5) = (6), ~~(6)~~ 6 (7)

~~X Persei. 2nd obs.~~

~~7 48 b 1, 3 c~~ 6.32 6.21 6.26 ✓ ~~Reserve~~

7 50 V Cephei. F.G. clear ✓

a 4, 1 b, 4 c 5.95 6.08 6.00

6.01

~~10 00 X b 2, 3 c~~

~~X Persei F.G. 2d Obs~~ Reserve

~~10 00 b 2, 3 c~~ 6.42 6.21 6.32 ✓

10 40 ~~In~~ In 4" finder var (X Persei) is brighter than star b

L. P. P.

(46) 6194 (3, #102)

Jan. 30, 1902 (Thursday)

J.D. 5780 HCO

R Andromedae F.G. clear

7 18 f 3, 1 g 8.01 8.01 8.01 ✓

X Persei Zenith " "

7 19 a 3, 2 b 5.87 6.02 5.94 ✓

T Cephei 6.24 6.38 6.31 ✓

7 20 c 2, 3 d

R Urs Maj " "

7 21 f 0, 3 g 7.48 7.41 7.44 "

– Pisc " "

7 24 a 5, 1 b 7.46 ✓

V Cephei " "

7 25 ba 0.5, 4 bc 6.23 6.00 6.12 ✓

X Cancri " "

7 28 b 0, 3 c 6.82 6.81 6.82 ✓ ✓

Nova Persei

7 29 (H5) 5, (H6) 2, 4 (H7) 6.75 (H6) 6 (H7)

U Camelop F.S. clear

7 30 ~~x~~ 1 a, 2 b 7.20 7.02 7.11 ✓

Jan 30, 1902.

7 40 R Leonis F.G. clear
k #2, 1 3 h. 6.82 / 6.58 / 40 / 6.70 ✓

S Hydrae " " 8.13 / 8.15 / 8.14 ✓
7 43 d 4 var, var 1 e faint tonight.

8 30 R & V Cancri too faint to see in F.G.

X Persei 2nd = 6 in F.G. clear
9 50 b 1, 3 c 6.33 / 6.21 / 6.27 (a 5 b 3 c)

✓(25) ✓(1219)

#(3) (90)

Led. Plot Post.

281 Est of var. during Jan. 1902

Feb 3, 1902 (Monday)

JD 5784 H.C.O.

X Persei F.G. near zenith windy used chair

7 48 b 2, 2 c 6.42 6.31 6.36 (a 5 b, 4 c) (used chair to draw)

R Androm F.G.

7 49 f 4, 0 g 8.11 8.11 8.11

T Cephei F.G.

7 50 c 1, 4 d 6.14 6.28 6.21 ✓

~~R Androm~~

R Ursae Maj. F.G.

7 53 f 3, 1 g 7.78 7.61 7.70 ✓

X Cancri F.G.

7 54 a 4, 2 b 6.69 6.62 6.66

R Leonis F.G. ✓

7 56 l 2, 0 m 7.08 7.23 7.16

Led. Plot. Pot.

V Cephei F.G.

8 00 b 0, 4 d 6.18 6.00 6.09 ✓

8 02 Nova Persei F.G.

(45) 5, (46) 3, 4 (47) 7.75 7.70 7.52 7.66

X Persei F.G.

9 45 b 3, 2 c ~~6.81~~ 6.52 6.31 ✓ (9) (238) (2) (4, 92)

Feb. 5, 1902 (Wednesday)

J.D. 5786. H.C.O.

X Persei F.G. Used chair to Ob. stars near zenith

7 18 b 3, 2 c 6.52 / 6.31 / 6.42 (a 3 b, 5 c) ✓

T Cephei. F.G.

7 19 c 1, 3 d 6.12 / 6.38 / 6.26 ✓

R Androm F.G.

7 20 g 1 - var 8.21 faint.

R Ursae Maj F.G.

7 21 g 1, 3 h 7.81 / 7.88 / 7.84 ✓

– Pisc. F.G.

7 22 a 6, 0 b 7.56 / 7.66 / 7.61 ✓

X Cancri F.G.

7 27 a 4, 2 b 6.69 / 6.62 / 6.66 ✓

R Leonis F.G.

7 28 l 3, 0.5 m 7.18 / 7.18 / 7.18 ✓

U Camelop. F.G.

7 29 c 1, 2 d 7.68 / 7.48 / 7.58 ✓

Nova Persei F.G.

7 30 l 1, 5 m 7.50 / 7.42 / 7.46

Feb 5/1902

~~β Persei eye~~

~~9 42 b2, 3c~~ ~~2.40~~
~~2.60~~
~~2.50~~

Nova Persei, F.G.

9 45 (H5) 4 (H6) 2, 5 (H7) 7.65
7.60
7.42
7.56

~~β Persei eye~~

~~10 10 b2, 3c 250~~

~~10 28 b3, 2c 2.60~~

X Persei. F.G. ✓

10 30 b3, 2c 6.42

~~β Persei eye~~

~~10 57 b4, 2c 2.60~~
~~2.70~~
~~2.65~~

~~11 32 1c, 3d~~ ~~2.80~~
~~266~~
~~2.73~~ ~~(copied from memory next morning. obs made at home)~~

(22) (1260)

L.P.P.

8D √787 Feb 6 1902 Thursday
ACO

X Persei F.G. clear
7 12 b 3, 1 2 c 6.52
6.86
6.44

Nova Persei F.G. clear
7 15 l 4, 3 m 7.80
7.62
7.71

7 18 too hazy for other vars. at present.

8 10 Still too hazy to continue

9 19 X Cancri F.G. clearer
a 4, 2 b 6.66

9 20 T Cephei F.G. "
c 1, 4 d 6.14
6.28
6.21

9 22 R Urs Maj. F.G. "
g 1, 3 h 7.84

(10) (1270)

L.A.D.

Feb. 7, 1902 (Friday)

J.D. - 5788 H.C.O.

X Cancri F.G.

7 11 a 4, ~~2~~ 3 b 6.69 / 6.52 / ~~6.56~~ / 6.60 ✓

Nova Persei F.G.

7 12 l 3, 3 m 7.70 / 7.62 / 7.66 sitting down

X Persei F.G. sitting down

7 13 b 3.5, 1 c 6.57 / 6.41 / 6.49 ✓

T Cephei F.G.

7 15 c 0, 4 d 5.8 / 6.04 / 6.28 / 6.16

U Camelop. F.G.

7 18 c 1, 3 d 7.68 / 7.38 / 7.53 ✓ " "

R. Urs. Maj. F.G. ✓

7 20 g 2, 3 h 7.91 / 7.88 / 7.90

R. Leonis F.G.

7 22 ~~k~~ l 3, 2 ~~n~~ m 7.18 / 7.03 / 7.10 ~~7.13 / 7.27 / 7.20~~ recorded wrong ✓

V Cephei F.G.

7 23 b 1, 4 c 6.28 / 6.00 / 6.14 ✓

16 1286 L.P.P.

Feb. 7, 1902
Experimental obs. only

ζ Geminorum ~~[illegible]~~

7 30 a 3, 1 b N.E. 3.95 / 3.79 / 3.87 Mr E. S. Manson
7 30 a 2, 1 b " 3.85 / 3.79 / 3.82 Mr B F. Wyeth
7 30 a 3, 0.5 b " 3.95 / 3.84 / 3.90 Mr L. Campbell

~~b 3 c~~ E.S.M.
c 2 d E.S.M.
b 3 c B.F.W.
c 1 d B.F.W.
a 2 b "
a 2 b E.S.M.
b 3 c E.S.M.

R Leonis F.G.

9.20 k 2 v, v 1 l B.F.W. 6.82 / 6.78 / 6.80
k 2 v 1 l E.S.M. 6.80

X Persei F.G.

9.57 b 3 v, v 1 c 6.52 / 6.41 / 6.46 B.F.W.
10 02 b 1 v v 1 c 6.32 / 6.41 / 6.36 E.S.M.

Feb. 10, 1902 (Monday)

Campbell Ob.

R Androm FG. clear
7 10 g 1 n 8.21 ✓

T Cephei. FG. clear.
7 12 X c 1, 4 d 6.21 ✓

7 30 S Gem. eye clear
b 3, 1 c
4.19
4.25
4.22

R Leonis FG.
8 35 l 4, 0 m
7.28
7.23
7.26 ✓

X Cancri FG.
8 55 a 4, 3 b
6.69
6.52
6.60 ✓

R Draconis 5 in tel
a 1, 4 f
8.12
7.88
8.00 ✓
9 35

Nova Persei FG.
9 51 l 4, 2 m
7.80
7.72
7.76

X Persei FG ✓
b 4, 2 c
9 53
(X6) (1302) L.P.
6.62
6.31
93
6.46

Feb. 10, 1902.

Mawson Observer.

ζ Zeta Geminorum

8 12 b 2 v v 3 c eye 4.09
4.05
4.07

R Leonis F. S.

8 48 k 3 v v 1 l 6.92
6.78
6.85

X Cancri

9 18 c 1 v v 3 d F. S. 7.21
6.82
7.02

Nova Persei

10 35 k 1 v v 1 l F. S. 7.35
7.30
7.32

Feb 11, 1902 (Tuesday)
Campbell Obs.

R Urs. Maj - 5 in tel. ✓
7 30 h 3, ~~1k~~ k 8.48

T Cephei F.L.G. ✓
7 38 c 2, 2 d 6.24
6.48
6.36

R Draconis 5" tel. ✓
8 30 d 2, 1 e, 1 f 7.86
8.02
7.78
7.89

R Leonis F.L.G. ✓
9 00 m 0, 3 n 7.23
7.17
7.20

X Cancri F.L.G.
9 01 a 4, 3 b 6.60 ✓

R Urs. Min. 5 in
9 40 d 3, 1 e 9.56 ✓
9.52
9.54

Nova Persei F.L.G.
9 52 l 3, 3 m 7.70
7.62
7.66

(14) (1316)
L. P. P.

Feb 11, 1902

Manson & Wyeth Obs.

7 30±

R Urs. Maj. 5 in.

h 1 v

7 30± v 2 h Wyeth

E.S.M. (~~from memory 1 hour later~~ from memory 1 hour later)

R Draconis 5 in.

8 ~~40~~ e 1 v, v 2 f d 1 v B.F.W. 7.76 8.12 8.08 7.99

T Cephei F.G.

8 43 c 2 v v 3 d E.S.M. 6.24 6.38 6.31

9.28 c 1 v v 1 d B.F.W 6.14 6.58 6.36

R Leonis F.G.

9 10 l 3 v v 1 m E.S.M. 7.18 7.13 7.16

9 15 l 2 v v 1 m B.F.W 7.08 7.13 7.10

R Ursae Min 5 in

9 50 d 1 v v 1 e E.S.M 9.44

10 00 d 1 v v 1 e B.F.W. 9.36 9.52 9.44

Nova Persei F.G. ~~E.S.M.~~

11 08 l 3 v, v 1 m B.F.W. 7.70 7.82 7.76

11 10 l 3 v E.S.M. 7.70

Feb. 12, 1902 (Wednesday)

Campbell Ob.

R Ardiom FG.

7 15 g 2 var 8.31 ✓

δ Can. Min. 5 in tel.

7 ~~15~~ ~~20~~ 35 f 3, 2 g 8.78 / 8.59 / 8.68 ✓

T Cephei. FG.

7 44 c 3, 1 d 6.34 / 6.58 / 6.46 ✓

X Cancri. FG.

7 50 a 3, 3 b 6.59 / 6.52 / 6.56 ✓

β Persei - eye

8 48 a 2, 4 ~~b~~ c ✓

R Leonis FG

8 50 m 2, 1 n 7.43 / 7.37 / 7.40

β Persei

9 30 a 3, 3 ~~b~~ c ✓

δ Hydrae. 5 in

9 ~~40~~ ~~34~~ 36 f 4, g 1, 1 h 8.96 / 9.01 / 9.32 / 9.10 ✓

9 ~~29~~ 39 β Persei eye ✓

a 4, 2.5 b

Feb. 12 1902

Manson & Wyeth Obs.

7.40 S Canis Min. 5 in. tel 8.58 ✓
f 1 v, v 1 g B F W 8.69
8.64

8.02 R Leonis F G 6.92
k 3 v, v 1 l B F W 6.78 ✓
6.85

8.12 m 2 v v 3 n E. S. M. 7.43 ✓
7.17
7.30

T Cephei F G
8.49 c 1 v, v 2 d 6.14 B F W
6.48 ✓
6.31

S Canis Min
~~9 00 f 1 v v 2~~
9 00 g 2 v v 1 h E.S.M. 5 in tel 8.99
9.17 ✓
9.08

T Cephei
9 13 c 1 v v 3 d E. S. M. F. G. 6.14
6.38 ✓
6.26

S Hydrae
9 35 g 2 v v 1 h E.S.M 5 in Tel 9.11
9.32 ✓
9.22
9 44 g 2 v v 1 h B.F.W. " 9.22 ✓

~~9~~ 10.30 R Draconis
v 2 f 8.08 ~~B.F.W.~~ Wyeth Obs. ✓

see me

omitted by

A page

mistake

Feb. 17 1902

Nova Persei · F.S.

9 40 l 4, 2 m 7.80 / 7.72 / 7.76

U Camelop. F.S.

9 41 c 4, d 2 7.98 ✓ / 7.88 ✓ / 7.93 ✓ ✓

R Draconis 5 in

10 10 d 1, 2 e 7.76 ✓ / 7.82 ✓ / 7.79 ✓

B Persei eye

10 15 a 5 c, 3 d eye ✓

10 45 c a 5, 2 d eye ✓

(28) (1344)

L. P. P.

Feb. 14, 1902 (Friday)

J.D. 5795 H.C.O.

Campbell Observer.

T Cephei. F.G. 6.24 / 6.48 / 6.36 ✓

7 15 c 2, 2 d

V Cephei. F.G. 6.28 / 6.00 / 6.14 ✓

7 17 b 1, 4 c

R Leonis F.G. 7.50 ✓

7 44 m 3, 0 n

Nova Persei. F.G. 7.70 / 7.62 / 7.66

7 45 l 3, 3 m

X Cancri. F.G. 6.56 ✓

7 46 a 3, 3 b

X Persei. F.G. 6.02 ✓

7 47 b 4, 1 c

U Orionis J.M.

8 03 ~~var = star q~~ 9.96 / 10.08 / 10.02 ✓

p 3, 1 q

var assumed to be the one on the left as seen in the sky.

Feb. 14, 1902

R Cancri 5 in tel. ✓
9 5~~4~~5 m 4, 2 m 9.30
9.08
9.19

R Ursae Min 5 in tel. ✓
10 22 d 1, 4 l 9.36
9.22
9.29

R Camelop 5 in tel. ✓
10 53 d 3, 1 e 9.80
9.72
9.76

S Ursae. Maj 5 in tel
11 00 h 1, 4 k 9.32 ✓
9.34
9.33

(22) (1366)

L. P. P.

Feb. 15, 1902 (Saturday)

β Persei eye m
7 10 var 3 c 2.60

7 50 a 4, 2 c " 2.77
2.70
2.74

Nova Per, F.G. m
7 57 l 4 var. 7.80

X Cancri, F.G. "
7 52 a 3, 3 v b 6.59
6.47 ✓
6.53

β Persei eye "
8 26 a 4, 2 c 2.74

R Draconis X v m "
8 28 c 5, 0 v d 7.94 ✓
7.61
7.78

V Cancri X v m ✓ "
8 ~~34~~ 38 n 2, 3 0 9.81
9.94
9.88

S. Can. Min - v m ✓ "
8 43 f 2, 4 g 8.68
8.39
8.54

R Leonis v m
8 48 m 3, 0 v n 7.53 ✓
7.42
7.48

U Camelopar F.G. ✓ m
9 50 c 3, d 2 7.88
7.88
7.88

Feb 15, 1902

X Persei F.Y. M

9 51 b 4, 2 c 6.62 ✓
6.31
6.46

R Ursae Maj. 5 m

10 05 h 3, 3 k 8.48 ✓
8.60
8.54

R Virginis 5 m

10 25 c 3, d 0, 3 e 6.79 ✓
6.87
6.79
6.82

2X 1391

L.P.P.

Feb. 18, 1902 (Tuesday)

8 45 Some clear

10 10 cannot get anything too cloudy

Feb. 19, 1902 (Wednesday)

J.D. 5800 H.C.O.

U Orionis 5 in. high moon

7 20 f a 1, 3 g to 9.76 9.88 9.82 ✓

T Cephei, F.G. m ✓

8 12 ~~c~~ 2, 3 d recorded b o a for c & d 6.24 6.38 6.31

V Cephei " "

8 13 b ~~a~~ 1, 3 c 6.28 6.10 6.19 ✓

X Persei "

8 15 b 4, 2 a 6.62 6.31 6.46 ✓

R Leonis 5 in m

8 30 n 3, 10 7.77 7.57 7.67 ✓

Moon too near for X Cancri

9 R Draconis 5 in m ✓

9 ~~15~~ 25 c 3, 3 d 7.74 7.36 7.55

R Urs Min, 5 in M ✓

9 33 d 0.5, 3 e 9.31 9.32 9.32

R Virginis 5 in M ✓

9 48 b 3, 0 c 6.34 6.49 6.42

(X6) (1409) L.P.

Feb 20, 1902 (Thursday)

J.D. 5801 HCO.

Nova Persei 5 in tel m

7 25 b3, 3m 7.70 / 7.62 / 7.66

7 40 Pretty cloudy everywhere now. Cannot use field glass for observing on account of moonlight & clouds

U Cam. clop. 5 in m

7 55 c3, 1d 7.88 / 7.58 / 7.73

9 50 too cloudy now for any more variables

(4)(1411)

L. P. P.

Feb. 24, 1902 (Monday)

JD √805 (HCO)

R Androm 5 in clear

7 18 b 3, 2 k 8.59 8.45 8.52 ✓

Nova FG. "
l 3, 3 m

7 20

V Cephei " "
7 26 b 1, 3 c 6.28 6.10 6.19 ✓

X Persei "
7 27 b 4, 2 c " 6.62 6.31 6.46 ✓

X Cancri "
7 47 a 4, 2 b 6.69 6.62 6.66 " ✓

U Persei √in "
8 03 a 2, 3 c ✓

T Cephei FG moon rising
8 25 ~~b~~ c 2, 2 d 6.24 6.48 6.36 clds nearby. ✓

9 00 Too cloudy to continue now

9 30 All cloudy —— (14) (14 25)

L. P. P.

Feb. 27, 1902 (Thursday)

JD v808 HCO

~~X~~ U Persei 5 m
725 a 4, 1 β see chart ✓

Nova Persei F.G.
735 l 4, 2 m 7.80 / 7.72 / 7.76

X Persei "
736 b 4, 2 c 6.46 ✓

X Cancri "
737 a~~4~~ 5, 2 ~~c~~ b 6.79 / 6.62 / 6.70 recorded wrong ✓

T Cephei " difficult (haze)
738 c ~~4~~ 2, 3d 6.24 / 6.38 / 6.31 ✓

R Leonis 5 m
840 o 3, 1 p 8.07 / 7.92 / 8.00 ✓

R Virginis F.G.
930 b 3, 1 c 6.34 / 6.39 / 6.36 ✓

Telescope fogged so I can not use it.

938 R Draconis F.G.
c 3 var ~~7.4~~ cannot see fainter stars ✓

R Ursa Minoris 5 m
1025 d 2, 2 e 9.46 / 9.42 / 9.44 ✓

Feb 27, 1902

R Coronae F.G. ✓

11 00 C 2, 4 e $\frac{\overset{6.14}{6.32}}{6.23}$. d too low

(9) (14 + 4)

L.P.P.

March 1, 1902 Saturday

JD 5810 HCO

U Orionis 5 in clear

7 20 l 4, 2 m $\frac{\begin{matrix}8.67\\8.68\end{matrix}}{8.68}$ ✓

S Can. Min 5 in " ✓

7 27 e 3, 0.5 f $\frac{\begin{matrix}8.36\\8.43\end{matrix}}{8.40}$

S Hydrae 5 in " ✓

7 48 var = l 10.23

T Cephei FG " ✓

8 18 c 3, 2 d $\frac{\begin{matrix}6.34\\6.48\end{matrix}}{6.41}$

Nova Persei FG "

8 19 l 4, 2 m $\frac{\begin{matrix}7.80\\7.72\end{matrix}}{7.76}$

X Cancri FG " ✓

8 20 ~~l~~ a 5, 1.5 b $\frac{\begin{matrix}6.79\\6.67\end{matrix}}{6.73}$

V Cephei FG " ✓

9 06 b 2, 2.5 c $\frac{\begin{matrix}6.38\\6.15\end{matrix}}{6.26}$

Some clds in sky.

R Draconis 5 in hazy 2/3 wt

9 18 c 4 var 7.84 ✓

R Leonis 5 in clearer here

9 20 p 1, 2 g 8.62 8.91 ✓

March 1, 1902

R Urs Maj V m: clear here now

9 30 h 5, 1 k 8.68 / 8.80 / 8.74

S Urs Maj V m clear

9 45 k 1, 2 l 9.84 / 9.89 / 9.86

10 20 Too cloudy to observe now

10 40 Still too cloudy

(20 1464)

Red. Plot. Post.

March 3, 1902 Monday

JD V812 HCO

ρ Persei eye

X6 56 ε 5 ρ, δ 3 ρ, ρ 5 η 3.46
3.40
3.50
3.46 all Persei stars ✓

T Cephei FG

7 36 c 4, 1 d 6.51 ✓

Nova Persei FG

7 37 l 5, 2 m 7.90
7.72
7.81

X Cancri FG ✓

7 38 a 5, 2 b 6.79
6.62
6.70

U Persei Vm

8 10 a 0, 2 β ✓

U Camelop 5m

8 15 c 3 var. 7.88 ✓

10 30 T Cass Too faint for vm

R Virginis FG

10 40 c 4, 1 d. 6.89
6.77
6.83 good obs ✓

R Coronae FG

10 5[illegible] c 2, 5 e 6.14
6.22
6.18 ✓

Mar 3, 1902

R Virginis FG

11 00 a 3, 2d 7.86 / 7.65 / 7.76 ✓

(8) (1482)

L.P.P.

Mar. 4, 1902 (Tuesday)

J.D. √813

Nova Persei F.G. hazy H.C.O.

7 20 l 4 var 7.80 cannot see m

7 36 Clouds too thick

8 20 " " "

10 03 R Leonis F.iii

k 2,09 √ $\frac{8.22 \quad 8.21}{8.22}$ clearer now here

(3) (1485)

L. P. P.

Mar. 6, 1902 (Thursday)
JD-5815 HCO

ρ Persei ~~Fo~~ eye
6 56 ~~β~~ ε 5, δ 4, 4 n
3.46
3.50
3.60
3.52
✓

β Persei eye
6 57 b a ~~2~~ 2, 4 c
2.40
2.50
2.45
.498
−.195
✓

7 20 b a 3, 4 c
2.50
2.50
2.50
"
.514
−.179
✓

Nova Per. FG
7 21 l 5, 2 m
7.90
7.72
7.81

7 22 T Cephei FG
~~X~~ c 4, 1 d, 3 e
6.44
6.58
6.82
6.61
✓

X Cancri FG
7 22 ~~b a~~ 5, 2 b
6.79
6.62
6.70
✓

β Persei eye
7 45 ~~a~~ b 3, 4 C —
2.50
2.50
2.50
.531
−.162
✓

8 00 ~~a~~ b 4, 3 C —
2.60
2.60
2.60
"
.542
−.151
✓

8 17 ~~a~~ b 4, 3 C —
260
260
260
"
.554
−.139
✓

8 36 ~~a~~ b 3, 2 C —
2.50
2.70
2.60
"
.567
−.126
✓

8 56 b ~~E~~ 2 c —
2.60
2.70
2.65
"
.581
−.112
✓

9 13 b 5, 1 c, 2 d —
"
2.70
2.80
2.76
2.75
.592
−.101
✓

Mar. 6, 1902

R Leonis F&G.
9 15 p 3 var A32 ✓

U Virginis
916 c 4, 1 d F&G. 2.96 / 2.75 / 2.86 ✓

R Virginis F&G.
917 c 1, 3 d 6.59 / 6.57 / 6.58 ✓

R Draconis F&G.
918 d 1, ~~4~~ f 7.76 / 7.88 / 7.82 ✓

β Persei eye
931 ~~c~~ 0.5 c, 2 d 2.85 / 2.76 / 2.80 .605 / −.088 ✓

U Persei 5 in
936 a 2, 1 β see chart ✓

β Persei eye
957 c 1, 1 d 3.00 / 2.86 / 2.93 .623 / −.070 ✓
1014 c 3, 0 d 3.20 / 2.96 / 3.08 eye .635 / −.058 ✓
1040 d 2.5, 4 g 3.21 / 3.37 / 3.29 eye .653 / −.040 d & f too low
1057 d 3, 3 g 3.26 / 3.47 / 3.36 eye .665 / −.028 ✓
~~e 0~~

R Coronae F&G.
1100 c 2 ~~4~~e 6.14 / 6.21 / 6.22 ✓

R Hydrae F&G. Var low
1104 l 5, 0 m 6.07 / 5.85 / 5.96 ac mean an comp. est ✓
1/2 wt

March 6, 1902

β Persei eye copied from memory next

11 12 d 4, 3 g 3.36 3.47 3.42 morning .675 −.618 ✓

(152) (1537)

L. P. P.

March 10, 1902 (Monday)

JD 5819 HCO

ρ Persei eye

6 50 δ 4, o ε Cass, 4 ν ✓

3.50
3.44
3.53
3.49

θ Ceti F.G.

7 18 α 3, 4 β ✓

7.58
7.62
7.60

τ Ophi FG

7 20 c 4, 1 d, 3 e ✓

6.44
6.58
6.82
6.61

R Androm Fin

7 55 l 1, 2 m ✓

9.07
8.98
~~9.06~~
9.02

U Persei Fin

7 58 a 0, 3 & l see Co'Chart. ✓

Nova Persei FG

8 00 l 5, 2 m

7.90
7.72
7.81

X Cancri FG

8 02 a 6, 1-2 b ✓

6.89
6.67
6.78

R Draconis FG

8 04 d 0, 5 ~~e~~f ✓

7.66
7.78
7.72

U Camelop FG

8 05 c 4, d 2 ✓

7.98
7.78
7.88

Mar ~~8~~ 10 1902

V Cephei F.G. ✓
~~10~~ 9 00 b 2, 2.5 c 6.38
6.15
6.26

U Orionis 5 in ✓
9 10 k 2, l 0, 4 m 8.14
8.27
8.48
8.30

S Can Min 5 in ✓
9 25 d 3, 0.5 e 8.00
8.01
8.00

R Virginis F.G. ✓
9 33 d 3, 1 e 7.17
6.99
7.08

R Ur Min 5 in ✓
10 15 d 3, 2 e 9.56
9.42
9.49

R Coronae F.G. ✓
10 58 c 3, 4 e 6.29
6.32
6.30
"

U Virginis ✓
11 00 c 1, 3 d 7.66
7.55
7.60

R Hydrae F.G. ✓
11 05 m 3, 3 n 6.15
6.03
6.09

(37) (1574)

L.P.P.

Mar. 11, 1902 Tuesday

JD 5820 H.C.O.

Cldy at 7.00

7 30 Too cldy now to observe

7 50 Too cloudy to get anything yet & growing worse.

8 00 all cloudy

8 30 all cloudy

Mar. 12, 1902 (Wednesday)
ACD

JD 5821
β Persei

7 52 √36 / 429 / +.107 d 2, 1 e 3.16 / 2.98 / 3.07 eye ✓ hazy 2/3 wt

8 13 √57 / 429 / +.122 c 2, 0.5 d 3.10 / 2.91 / 3.00 eye ✓ hazy 2/3 wt

8 29 √62 / 429 / +.133 c 1, 1 d 3.00 / 2.86 / 2.93 eye ✓ " 2/3 wt

8 50 √76 / 429 / +.147 c 0, 3d 2.90 / 2.66 / 2.78 " ✓ clear whole wt.

X Cancri FGS
8 54 a 5, 2 b 6.79 / 6.62 / 6.70 ✓

β Persei eye

9 06 √87 / 429 / +.158 c 0, 3 d 290 / 266 / 278 hazier again 2/3 wt. ✓

9 20 Cloudy

9 40 Cloudier

10 10 Clearer

10 55 R Leonis Fair clear bright
p 3, 0 q 8.32 / 8.21 / 8.26 ✓

14 1588 L.P.P.

Mar. 14, 1902 (Friday)

J.D. 15823

o Ceti HCO.

~~g 2, 5 d~~ F.G., m, hazy

7 15 g 3, 4 d 7.07 / 6.88 / 6.98 —

Nova Persei F.G.

7 42 l 5 var. m not seen. 7.90

T Cephei F.G.

7 44 d 2, 2 e 6.88 / 6.92 / 6.90 ✓

X Cancri F.G.

7 45 var 2 b 6.89 / 6.62 / 6.76 ✓

ab var

R Persei 6 in

9 38 H 2 5 6 var, var 3 a 435 see chart ✓ 10.4 / 10.3 / 10.4

W Tauri 5 in m

9 46 H 8 4 var, var 5 H 3 ✓ 8.8 / 9.1 / 9.0

U Aurigae 5 in

10 12 A 24 4, 3 H 32 10.0 / 9.7 / 9.8 ✓

R Virginis F.G.

10 38 e 3, 2 f 7.39 / 7.36 / 7.38 ✓

U Virginis F.G.

10 29 c 2, 3 d 7.76 / 7.55 / 7.66 ✓

Mar. 14, 1902

R Coronae F-G

10 30 c 2, 5d^e 6.14 ✓

6.22

6.18

(19) (1607) L. P. P.

Mar. 15, 1902 (Saturday)
J.D. – 5824 H.C.O.

β Persei eye m
6 43.481 b 4, 3 c 2.60 2.60 2.60 ✓

o Ceti F.G. "
6 56 g 2, 3 α 6.87 6.98 6.92 ✓

~~X~~ Cancri F.G. "
6 57 a 5, 3 b 6.66 ✓

β Persei eye "
7 00.500 b 4, 3 c 2.60 –

7 09.506 b 3, 3 c eye " 2.55

7 28.519 b ~~3~~, 4 c eye " 2.45
7 46.532 b 2, 4 c eye " 2.45 ✓

Nova Persei F.G. m
7 30 b 5 var 7.90

T Cephei F.G. m
7 31 d 1, 4 e 6.78 6.72 6.75 ✓

R Draconis F.G. m
7 32 d 4, 4 f 8.06 7.88 7.97 ✓

β Persei eye m
8 05.545 b 2, 4 c 2.45 ✓

Mar. 15. 1902

U Cassiop 5m m

8 43 H 3 2 var, var 4 H 5 ~~H 2 7 H 3~~
H3 5 H 5
H 5 4 H 7

R Trianguli
8 47 l' 3, ~~3~~ m ✓ notation on Hag. Cht.

9 45 Cloudy too thick & numerous to continue at present.

10 30 Clearer

U Orionis 5m m h?
10 34 l ~~4~~, 3m 8.67 / 8.58 / 8.62 ✓

10 45 Clouds again

10 50 Cloudy

(27) (1634) (# 8 # 195)

L. P. P.

March 18, 1902 (Tuesday)

JD 15827 HCO

7 00 Cloudy

7 18 Too thick to observe now.

7 50 " " " " "

9 00 cloudy

9 30 clearer

9 51 T Cephei m. F G -
d 1, 4 l 6.78 6.72 6.75 ✓

10 07 V Leonis ~~st~~ 5 m m
invisible
H 12 3 n Var < 10.1

W Leonis 5 m m
10 25 a 3 n a = H16 Var < 10.2

10 40 more Hazy in east
Very windy from west
(2H1636) L.P.P.

Mar 22, 1902 (Saturday)

J.D. 5831 H.C.O.

7 00 clouds thick & numerous

7 15 all cloudy

7 50 " "

8 00 some broken

Nova Persei 5 in high power

9 25 m 4 var 8.32 m = H 7 E (m.)
var 1 n 8.~~30~~ 45 n = H 11
var 4 a 8.70 a = H 20
~~8.54~~
8.49

η Orionis 3 in high power m

9 36 k 1, 2 l 8.04
8.07
8.06 ✓

δ Can. Min " " " "

9 46 d 3, 1 e 8.00
7.96
7.98 ✓

10 00 cloudy again

(7) (1643) L. P. P.

March 24 1902 Monday

J.D. 5833 HCO

6 55 ~~partly~~ clouds growing worse from ~~north east~~. Too cloudy to work now

7 12 all cloudy

~~Nova Persei 20 Ob~~
~~Phot T. 3 24 +43.6~~
~~7 54~~
~~10 30~~

Nova Persei ~~5m~~ ½ wt
7 32 m 1, 3 n Reject.

7 37 All cloudy again

7 50 " " everywhere

8 10 " " "

9 15 ~~Clear now~~
Nova Persei Five m high four
9 28 m 3, 3 n 8.23 / 8.25 / 8.24 , clear

m 6 n
n 4 o
o 5 p

Mar 24, 1902

√ Cephei F.G. m.

9 35 β $\overset{2}{\cancel{\alpha}}$, 2α 6.38 clear ✓
6.20
6.29

1000 all cloudy again

(x) (1647)

(#3) #(198) L.P.P.

Mar 25, 1902 (Tuesday)

JD - 5834 HCO

7 00 X Cancri FG twi
a 4, 3 b
6.69
6.52
6.60 ✓

T Cephei FG twi ✓
7 02 d 3, 1 e
6.98
7.02
7.00

3.1.902 Monoc. FG. clear ✓
7 28 C~~d~~ 4, 01 ~~a~~ d
7.16
6.93
7.04
Phot. Value of comp *

Nova Persei 5 in low power
7 54 m 3, 2 n
8.22
8.35
8.28
m 5 n
n 4 0
0 6 p

U Persei 5 in ✓
7 58 a 1, 3 β

U Camelop 5 in
8 05 d 0, 4 e 7.68 ✓

V Orionis 5 in
8 15 H 21. 3 M 10.3 m ✓

V ~~Tauri~~ Gem 5 in
8 30 10.7 H 28 2, 2 H 34 ft m ✓
10.6
10.6

Mar. 25, 1902

U Can. Min 3 in. m

9 50 H 3 3, 0-1 H 5 – 9.2 9.2 9.2 Mag. Magns. ✓

H 1 4
H 2 4
H 3 3
H 5 –

Ledgered Plotted Posted.

(16) (1663) L.P.P.

#(6) #(2044)

Mar. 26, 1902 (Wednesday)

JD-5835 HCO

R Androm
7 22 ~~Too low some haze~~ ✓
o 1, 2 p 9.62 9.49 9.56 high power 5 in

T Aflri 7.08 FG
7 46 d 4, 0.5 e 7.07 7.08 ✓

3.1902 Monoc FG
7 47 c 4, 0.5 d 7.04
a 6, b 2, c 4, d.

X Cancri FG
7 48 a 4, 2 b 6.69 6.62 6.66 ✓

Nova Persei 5 in low power
7 49 m 3, 2 n 8.28 m 5 n
n 5 o
~~8 0~~ o 6 p

δ Orionis 5 in
8 00 H24 2, 5 H33 10.0 9.9 10.0 ✓

β Persei 2.48 2.50 eye 35.573 32.897 ✓
8 45 b 2, 4 c 2.45 +2.676 or −0.191

V Monocerotis FG
8 50 a 2, 4 b see chart ✓

March 26. 1902

β Persei eye m rising ✓

9 10 b 2, 4 C 2.45 35.590 32.897 2.693 -.174

9 24 3-4 c, 5 d 2.55 2.46 2.50 eye b too low .600 .897 2.703 m -.164 ✓

9 43 4 C, 5 d 2.50 2.46 2.48 eye .613 .897 2.716 m -.151 ✓

10 00 3 c, 4 d ½ wt eye 2.60 2.56 2.58 .625 .897 2.728 m low -.139 ✓

10 02 R Coronae [illegible] m

c 1, 5 e 6.04 6.22 6.1~~8~~3 ✓

(26) (1689) L.P.P.

#(6) #(210)

March 27, 1902 Thursday

J.D. 5836 HCO

7 00 cloudy
7 30 Clearer
7 55 cloudy

8 15 Still cloudy

8 30 " " no chance for work

Mar. 31, 1902 (Monday)

7 00 partly cld.
J.D. 5840 H.C.O.

Nova Persei 5 in low power

7 25 m 1, 4 n 8.02
8.15
8.08

T Cephei clear FLG.

7 36 e 1, 4 f 7.22
7.29
7.26 ✓

V Monocerotis FLG

7 38 a 3, 3 b, c 0.v 6.23
6.28
6.26 ✓

a 3 e, not of chart
c 3 b
b 4 d
d 2 e

X ~~Persei~~ Cancri FLG. clear from meridian

8 04 a 5, 2 b 6.79
6.62
6.70 ✓

U Virginis FLG

8 20 c 4, 1 v d 7.96
7.70
7.83 ✓

clearer now

R Coronae FLG low

8 21 var 5 e 6.04 ✓
c 1 var 6.22
6.13

~~3 1902 Mon. FLG~~

~~8 55~~ ~~e 3, 3 f~~

S Coronae FLG.

9 31 g 1, 4 h 7.92
7.74
7.83 ✓

Mar. 31, 1902

U Gem. 5 in ✓
10 00 Var. n.s.

T Urs Maj. 5 in
10 15 e 3, 1 f 8.30
8.24 ✓
8.27

R Leonis 5 in
r 4 var 8.81
10 25 var 0 t 8.85 ✓
8.68
var 3 u
8.78

Clds near R Hydrae

10 50 getting cloudier again

(20) (1709)
(4) (214)

L. P. P.

This book posted Ledgered & plotted throughout