KG
11365
548

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KG 11365.548

1901phae.proj..549W

W. W. White.

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KG11365.548

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1901phae.proj..549W

Saturday July 13, 1901

δ Cygni.

L P P

Dec. ~~42.5~~ 42.50 R.A. 21 39 Clocks stopped

11.10 E.T. 9 3 Var

4 1 Var.

Write 100.

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1901phae.proj..549w

Friday Aug 9. 1901

W.W.W. Clk.

8.50 P.M. δ δ Cygni ✓
C 2 Var
Var 1 fr.

δ Ursae Maj. ✓
9.35 P.M. k 3 V
V 4 l

γ Ursae Maj ✓
l 1 V
9.43 V 2 & 9

10:02 R Ursae Maj ✓
Var not seen
unseen.

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1901phae.proj..549w

Tuesday Aug 13, 1901

8:58 δ Cygni rel to ζ

O 2 Var?

Var 1 p?

Note. Region only identified when interrupted by sts. Estimate is not very accurate, as I did not have a chance to compare carefully.

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1901phae.proj..549W

Wednesday Aug 28, 1901

W. W. W obs.

E.J.
10:30

S. S. Cygni - (12" Hor. Tel)

C = Var was unable to focus
Var 49.

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1901phae.proj..549w

Led. } to here.
Plott }
Post }

Thursday Aug 29, 1901

W.W.W. Obs.

E.J.
10:30

S. S. Cygni. 12" Bor. Tel.
var 29 was unable to focus
f 1 var.

20 nights 65 est. to Oct 1, 1901.

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1901phae.proj..549w

Saturday Oct 5, 1901

Nova Persei Field Glass.

E.T.

8:15 H 33 2 V
V 3 1
~~7 3 V~~

8:30 H 3 3 2 V
V 3 1
H 42 2 V

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1901phae.proj..549W

Sunday Oct 6, 1901

S. S. Cygni

E. M.
11.30

0 2 V

not seen.

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1901phae.proj..549w

Monday Oct 7, 1901

11:25 δ δ Cygni. White Obs.

Varnot sem

Oph "

1901phae.proj..549w

Tuesday Oct 8, 1901

7:45 S S Cygni W.W.W.obs

Var not seen.

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1901phae.proj..549w

Friday Oct 11, 1901

7:20 S S Cygni. W.W.Wob.
O 2 V
V 2 p

7:30 Nova Persei.
H 33 2 V
V 2 H 1

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1901phae.proj..549w

Tuesday Oct 15, 1901

Nova Persei

7:30 Var 3 H 1

H 33 2 Var.

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1901phae.proj..549w

Wednesday Oct 16, 1901

W. W. Wells

9:45 Nova Persei

H 33 2 V

Var 3 H 1

11:15 S S Cygni.

V 1 a Wrong Region.

V 3 b.

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1901phae.proj..549W

Friday Oct 18, 1901

W. W. W. Wo.

E.S.
9:15 Nova Persei
H 33 2 V
Var. 3 H 1

10:10 S S Cygni.
Region wrong on Oct 16.
c 2V
V 1 X e.

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1901phae.proj..549W

Saturday Oct 19, 1901

W.W.W.Wells.

E.S.
6:15 S.S. Cygni.
9 1 Var
Var 3 lv
Comparison Star used last evening was e not d

10:10 R Aquarii
N k = var
m 2 v.

10:30 S S Cygni
f 1 Var
Var 2 g

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1901phae.proj..549W

Monday Oct 21, 1901

W.W.W. Obs.

9:00 Nova Persei.
Hb 331 V
V 3 Hb 1

10:25 S. S. Cygni.
S 2 Var
Var 19.

Ledgered to Lore
30 est.

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1901phae.proj..549W

Tuesday Oct 22, 1901

11:00

S S Cygni.

4h 3 Var

Var = 4

~~4 3 0~~

Var 3 4.

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1901phae.proj..549W

Wednesday Oct 23, 1901

W.W.W. Obs.

E.T.
10:40

S S Cygni.
R 2 Var
Var 1 l

10:50

Nova Persei
H 33 2 Var
Var 3 H 1

37 est to here.

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1901phae.proj..549w

Friday Nov. 1, 1901

W. W. W. Clr.

S S Cygni

E. T. ← 0 2 Var. ✓

10h 20m. Var 1 fr.

Nova Persei.

10h 50m. Jb33 2 Var ✓

Var 2 Jb1

(4) (41)

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1901phae.prj..549W

Saturday Nov. 2, 1901

W. W. H. Obs.

E.J.
9:35

Nova Persei. Field Glass.

H 33 2 Var

Var 1 H 1

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1901phae.proj..549W

Sunday Nov. 3, 1901

W. W. Wds.

E.T. 7:10

Nova Persei

H33 > Var

Var > H1

F. G. ✓

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1901phae.proj..549W

Thursday Nov. 28, 1901
W. W. W. Obs.

E.T.
8:15

SS Cygni.

D 2 v
v / p

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1901phae.proj..549W

Saturday Nov. 30, 1901

E.T.
9:30

Nova Persei.
H 33 2V
Var 1 H1

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1901phae.proj..549w

Wednesday Dec 4, 1901

6.00 P.M.

a 3U

~~v 1b~~

v 2½ b

N

a

c

b

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1901phae.proj..549w

Thursday Dec 5, 1901

W.W. Obs.
Field Glass

5:35 * Algol Var at +190
a 3 Var
Var 3 b ✓
Var 1 c

5:40 Nova Persei.
Var 2 H 1 /
H 33 3 Var.
~~Var 2~~
~~x 2 Var~~

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1901phae.proj..349w

Friday Dec 6, 1901

Algol Var at +19°

5:25 Q 3 Var

Var 3 b

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1901phae.proj..549w

Saturday Dec 7, 1901

93, 1901 Sagittae

a 3 Var

Var 3 b.

9 5.50

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1901phae.proj.549w

Monday Dec 9, 1901

9 3, 1901 Sagittae

5:50 a 3 Var

Var 3 b Taken through clouds

1901phae.proj..549W

Tuesday Dec 10, 1901

6:45 93, 1901 Sagittae
a 3 Var
Var 3 b

7:10 S.S. Cygni
c 2 Var
Var 2 d

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1901phae.proj..549w

~~In~~ Wednesday Dec 11, 1901

to W. W. Alv.

b5;40 93, 1901 Sagittae

a 4 Var

Var 3 b

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1901phae.proj..549w

Thursday Dec 12, 1901

5:50 93, 1901 Sagittae
Var normal ✓
Too hazy to get comparison

SS Cygni.
6:45 d Var ✓
Var 2 e

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1901phae.proj..549w

Saturday Dec 14, 1901

W.20.W. Obs.

8:20 S S Cygni.

d 2 Var

Var 1 e

Previous observation (Dec 12,) doubtful, ~~that~~ is larger difference in magn. than 2 obs. would give.

W.20.W.

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1901phae.proj..549W

Monday, Dec 16, 1901

W.W.W.

93 1901 Sagittae

6:25 a 3 Var } Clouds

Var 3 b } Clouds

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1901phae.proj..549w

Wednesday Dec 18, 1901

W. W.

SS Cygni.

7:40 h 3 Var

Var 1-R.

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1901phae.proj..549W

Friday Dec 20, 1901

W. W. W. Obs.

5
6:50 93 1901 Sagittae.
a 3 Var ✓
b not seen.

S S Cygni. ✓
8:50 m 2 Var
Var 1 l. Seeing poor

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1901phae.proj..549W

Saturday Dec 21, 1901

W.W.W. Obs.

6 5:45 — 9 3 1901 Sagittae
a 3 Var
Var 2 b

7:55 — S S Cygni.
0 1 Var
Var 2 f

Ledgered to here.

P 3 est. to here.

Dec. 28, 1901.
L.C.

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1901phae.proj..549W

Tuesday Dec 24, 1901

W.W.W. Obs.

65:55 9 3 1901 Sagittae

a 3 Var

b not seen. Brt moonlight.

L.P.P.

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1901phae.proj..549w

Friday Dec 27, 1901

93 1901 Sagittae

6:45 a 3 Var

Var 3 b

S S Cygni

7:30 O 2 Var

Var 1 fr

39 est during Dec. 1901.

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1901phae.proj..549w

Tuesday Dec 31, 1901

W. W. W. Obs.

93 1901 Sagittae

5:40 Var 2 b

Q a 3 Var

SS Cygni.

7:35 0 2 Var

Var 1' p

Seeing very good.

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1901phae.proj..549W

Wednesday Jan 1, 1902

93, 1901 Sagittae

5:35 a 3 Var

Var 2 b

7:45 Nova Persei.

Hb 3 3 2 Var

Var 2 Hl

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1901phae.proj..549W

Friday Jan 4 3, 1901

W. W. Obs

7:10 Nova Persei

H 40 2 Var

Var 1 H 1

7:30 Nova Persei.

Var 3 H 5

H 1 1 Var

100 Est. to here.

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1901phae.proj..549W

Saturday Jan 4, 1901

W. W. W. Obs

93, 1901 Sagittae

5:40 Var not seen

a, b, ~~c~~ seen.

Nova Persei.

5:40 H 1 2 Var

Var 2 H 5

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1901phae.proj..549w

Sunday Jan 5, 1902

W. W. W. Obs.

6:35 93 1901 Sagittae
α3 Var
Var3b Very low

6:40 Nova Persei
H 1 2 Var
Var 2 H δ

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1901phae.proj..549W

Thursday Jan 9, 1901

W. W. W. Obs.

E. J.
5:40 93, 1901 Sagittae
a 3 Var
Var 2 b

Nova Persei.
6:10 H 1 1 Var
Var 2 H 5

SS Cygni.
7:00 O 2 Var
Var 1 fv

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1901phae.proj..549W

Friday Jan 10, 1901

W. W. Obs.

6 : 55 Nova Persei.

H 1 1 Var

Var 2 H 5

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1901phae.proj . 549w

Monday ~~Dec~~ Jan 13 1901

93, 1901 Sagittae

5 : 50 b 3 Var

Same again.

5 : 54 b 3 Var
c 2 Var
Var 2 d
e not seen

7 6 : 50 S S Cygni.
O 2 Var
Var ? fr

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1901phae.proj..549w

Tuesday Jan 14, 1902

93, 1901 Sagittae 6" Equat.

6:15 Very hazy
Var. not identified.

Nova Persei Field glass.

6:35 H 1 3 Var
Var 1 H 5

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1901phae.proj..549w

Wednesday Jan 15, 1901

Nova Persei

7:00 H13 Var

Var 1 H5

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1901phae.proj..549w

Thursday Jan 16, 1901

93, 1901 Sagittae

25 36

5:50 19h 12m. Stopped by clds

6h24

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1901phae.proj..549w

Friday Jan 4, 1901

6" Equa.

93, 1901 Sagittae.

6:15 ¢ c 2 Var
Var 1 d. Difficult.

Facing
Nova Persei. ~~Southing~~ East.

6:25 H 1 4 Var
Var = H 5

7:10 Same Facing West.
H 5 2 Var
Var = H 6

S S Cygni.

7:25 O 2 Var
Var 1 p

Nova Persei.

10:35 ~~H 5 3~~ Using spectacles
H 5 3 Var
H 6 1 Var

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1901phae.proj..549w

Saturday Jan 18, 1901

6:05 93 1901 Sagittae
c 2 Var
Var 1 d (?)
Difficult owing to twilight & clds.

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1901phae.proj..549w

Monday Jan 20, 1901

93 1901 Sagittae

6:05 Cloudy(!)

No stars seen.

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1901phae.proj..549w

Thursday Jan 3, 1901

S Cygni.

6 ; 50 Not visible with low power
Other eye-piece not to be found.
h seen

Nova Persei.

10 ; 05 Field Glass.
Var not seen
H 1 & H 5 seen

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1901phee.prj..549w

Friday Jan 24, 1901

Nova Persei.

6:40 H 5 2 Var
Var 1 H 6 } Facing North.

H 5 2 Var
Var 2 H 6 } Facing East.

H 5 2 Var
Var 1 H 6 } Facing South

H 5 3 Var
H 6 1 Var } Facing West.

S S Cygni.

6:50 O 2 Var
Var 1 p

Nova Persei.

10:30 H 5 3 Var
H 6 1 Var

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1901phae.proj..549W

~~Saturday Jan 25, 1902~~

93, 1901 Sagittae

5:50 No stars visible
Hazy.

S S Cygni.

5:55 O2 Var } difficult
Var 1 }

Nova Persei.

6' H6 ½ Var } facing South
Var 2 H7 }

H6 1 Var } facing East
6:10 Var 1 H7 }

H6 1 Var } facing ~~West~~ North
Var 2 H7 }

H6 1 Var } facing West.
Var 3 H7 }

Ledgered to Date
Jan. 27, 1902

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1901phae.prj..549w

Monday Jan 27, 1902

Nova Persei.

7:20 H62 Var
Var 3 H7

S S Cygni.

7:24 02 Var
Var 7 1/2

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1901phae.proj..549w

Tuesday Jan 28, 1902

Nova Persei.

10:30 H 63 Var

Var 3367

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1901phae.proj..549w

Thursday Jan 30, 1902

Nova Persei.

7:20 H6 #2 Var
Var 3 H7

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1901phae.proj..549W

Monday, Feb 3, 1901

SS Cygni

6:40 C 1 Var

Var 2 d

Nova Persei

6:50 Hb 3 Var

Var 2 Hγ

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1901phae.proj..549w

Wednesday Feb 5/1902

Nova Persei.

11:00 H b 3 Var

Var 2 H 7

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1901phae.proj..549w

Friday Feb 7, 1902

Nova Persei.

10:35 H63 Var.

H 1 not seen

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1901phae.proj..549W

Sunday Feb 9 1902

Nova Persei.

7:20 H62 Var
Var 367

SS Cygni.

7:30 f2 Var
Var 29

8:55 Same
f2 Var
Var 29
Seeing not very good.

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1901phae.proj..549w

Monday Feb 10, 1902

Nova Persei.
H 6-3 Var
Var = H 7

8:50

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1901phae.proj..549w

Tuesday Feb 11, 1902

S S Cygni.

7:00 Sh 2 Var
Var 1-R

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1901phae.proj..549W

Wednesday Feb 12, 1902

S S Cygni.

6!35 In Var
Var 1 l
Objects seen.

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1901phae.proj..549w

Friday Feb 14/902

J. G.

Nova Persei.

9:00 H 6 32 Var

Var 2 367

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1901phae.proj..549w

Thursday Feb 27, 1902

Y. C.

Nova Persei.

8:00 H6 4 Var
H7 not seen

8:00 γ Cephei
Too hazy to identify

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1901phae.prj..549w

Saturday Mar 1 1902

γ Cephei.

9h.15 C 2 Var 6.31
Var 3d

9h.18 Nova Persei.
H 6 4 Var 7m.80
H 7 not seen.

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1901phae.proj..549W

Monday Mar 3, 1902

W. G.

γ Cephei.

10:40 Ac3 Var

Var 3 d ✓

Nova Persei.

H 6 4 Var

10:44 Var 2 H 7

(4) (7)

LPP.

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Thursday Mar 6, 1902

γ.9

γ Cephei.

7:39 c 3 Var V
Var 3 d

Nova Persei.

7:40 H 6 4 Var
Var 1 H 7

(4) (11)

L P P.

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1901phae.proj..549w

Monday Mar 10, 1902

H. G.

δ Cephei.

c & 4 Var 6.44 ✓
7:43 Var 1 & d 6.58
6.51

Nova Persei.

H 64 Var 2.80
Var 2 H 7 2.72
2.76

4 15

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1901phae.proj.549W

Friday Mar 14, 1902

J. G.

7,25

δ Cephei.

c 3 Var	6.34
Var ½ d	6.63
	6.48

✓

Nova Persei.

H 6 4 Var	7.80
Var 2 H 7	7.72
	7.76

4 19

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1901phae.proj..549W

Saturday Mar 15, 1902

	γ Cephei.	γ. 9.
9:30.	C 3 Var	1
	Var ½ d	

Nova Persei
Nearly too brt.

2 21

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1901phae.proj..549w

Wednesday March 26/1902

N.G.

γ Cephei

d 2 Var. 6.88

7:28 Var Ie 202
695

Nova Persei.

7:34 7.92

Var = H 7 difficult.

3 24

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Monday Mar 31, 1902

γ Cephei. γ.9.

10140 " d 3 Var ✓

Var l e

z 26 L.P.

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noordhaer.proj.com

Wednesday Apr. 2, 1902

γ. g

γ Cephei.

9:15 d 2 Var. ✓

Var ½ d

Nova Persei.

Var not seen.

2 28

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1901phae.proj..549w

Thursday Apr 3, 1902

γ Cephei γ. G

9:10 δ 2 Var ✓
var 1. e.

9:15 Nova Persei.
H7 1 Var.
H8 invisible.
(3)(31)

All observations ledgered through this date

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1901phae.prj - 549w

Monday Apr 14, 1902

W.S.

T Cephei ✓

8:17 — 7.32, 7.49, 7.40 — e 2 Var, Var2f (Moonbit)

8:28 — U Orionis ✓

6.21, 6.32, 6.26 — e 2 Var, Var3f (Moonbit)

" "

R Coronae

8:42 — 6.14, 5.85, 6.00 — c 2 Var ✓, Var3d

6)(37)

L. P. P.

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1901phae.proj..549w

Tuesday April 15, 1902 W. G.

α Orionis

7:58 e 3 Var 6.31
6.42
Var 2 f 6.36 ✓

R Coronae

8:04 c 2 Var 6.14
5.95
Var 2 d 6.04 ✓

γ Cephei

8:08 Var not seen. Moon too bright.
e seen.

H 41

L. P. P.

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1901phae.proj.549w

Thursday Apr 17, 1902

J. G.

8:07 U Orionis
f 2 Var 6.f2
g not seen (Hazy & Moon bright)

8:12 T Cephei
Var not seen

R Coronal

8:22 6.14 c 2 Var (Very difficult)
d not seen

2 43

L.P.P.

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1901phae.proj..549w

Friday April 18, 1902

F. G.

7:54 U Orionis

c 3 Var (Nuovo Cimento)

6.42 Var 1 f. (Harv)

2 (+5)

L. P. P.

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1901phae.proj.549w

Saturday April 19, 1902

W. S.

U Orionis

7:42 e 3 Var

6 36 Var 2 f ... (Harry Woombit)

= (+7)

L. P. O.

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1901phae.proj..549w

Thursday Apr 24, 1902

8:10

U Orionis
ℓ 3 Var
Var 2 f 6.36

2 49
L P.P.

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1901phae.proj : 549W

Sunday Apr 27, 1902

α R Coronae

9:00 α C 2 Var 6.14
Var 3d 5.85 ✓
6.00

γ Cephei.

9:10 f 1 Var 7.79
Var 3 g 7.88 ✓
h seen 7.84

9:30 U Orionis

e 3 Var 6.31 ✓
Var 2 f 6.42
6.36

6 (55)
L. P. P.

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1901phae.proj..549w

Thursday May 1, 1902

R Coronae Y. G.

8:25 b 3 Var 5.86
Var 1 c 5.84
5.85

2 5/

L. P. P.

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1901phae.proj..549W

Friday May 2,

9:02 U. Orionis
ℓ 2 Var
Var 4 f

6.21
6.22
6.22

9:45 R Coronae
c 1 Var
Var 3 d

(4)(6)
2 p.p.

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1901phae.proj..549W

Saturday May 3, 1902

γ Virginis May. F. G

E.S.
10:20 6.72 a 3 Var ✓
6.76
6.74 Var 2 b.
Comp stars b & c fretty near too close together to estimate accurately.

R Coronae

10:34 c 3 4 Var 6.34
~~d 3 7~~ 5.80 ✓
Var 3 d 6.10

10:44 5873.656 η Sagittae
5872.770 b 3 Var 6.27 ✓
+0.886 Var 2 c 6.00
6.14

S S Cygni 6" Equat

11:00 o 2 Var 11.97 ✓
Var 1 fr 12.07
12.00

8 69 L.P.P.

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1901phae.prj..549w

Monday May 5, 1902.

R Coronae

9:38 c 4 Var 6.34
Var 3 d 5.85
4.10

2 (7) L.P.P.

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1901phae.proj..549w

Thursday May 8, 1902

R Coronae

10:57 b 3 Var 5.86 5.96
Var 7 1 d 6.03

U Sagittae

10:59 7 h 666 b 3 Var 6.27
76.150 Var 2 d 6.57
2516 6.42
3.300
0864

4 75

L.P.

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1901phae.prj..549W

Friday May 9, 1902

R Coronae.

8:50±

C 3 Var
Var 1 d

6 24
6 05
6.14

Immediately.

U Sagittae Field glass
Var not seen

(2)(77)

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1901phae.proj..549W

Sunday May 11, 1902

8:57 ν Cephei
Var suspected
Q & R seen

8:20 U Orionis
Var not seen
Moon bright

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1901phae.proj..549w

Tuesday June 10, 1902

S S Cygni.

S.J. E.J.

14:45 9:15

not seen

Var m. 2. Clouds

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1901phae.proj..549w

Saturday June 14 1902

S S Cygni 20.30.20 Obs.

10:02 O seen
Var not seen

R Coronae

10:15 Between cad clouds interfered

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1901phae.proj..549W

Friday June 20, 1902

W. W. Wells.

10;25 γ Ursae Maj.

f 3 Var
Var ½g

P. 74	P. 64
P. 59	P. 59 ✓
P. 66	P. 62

δ Ursae Maj.

10;39 f 2 g
g 4 h

P. 70
P. 82
P. 76 ✓

d 4 Var
Var 2 f
e fainter than g

10;42

P. 92
P. 30
P. 11 ✓

δ Bootis

10;55 c 2 Var
Var 3 d

P. 59
P. 48
P. 54 ✓

R Bootis

11;05 Var 3 f

P. 94 ✓

(9)(86)

L. P. P.

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1901phae.proj..549w

Saturday June 28, 1902

S.J.
16:25

SS Cygni.
Var not seen

16:33 = 10.0±

O 1 Var
Var 2 f.

11.87
11.94
11.90

Q Coronae S.J.

16:38 10.1±

C 2 Var
Var 4 d.

6.14
6.75
5-94

* (90) L.P.P.

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1901phae.proj..549W

Saturday July 12, 1902

U Sagittae

9:30	~~3.606~~ ~~3.746~~ -0.142	d 3 Var Var 2 e.	7.07 677 692
10:03	~~3.627~~ ~~3.746~~ -0.119	d 3 Var Var 2 e	692
10:25	.642 746 -0.104	d 3 Var Var 2 e	692
10:50	.660 746 -.086	d 4 Var Var = e	7.17 697 707
11:20	.681 746 -.065	e 3 Var Var 2 f	7.27 732 730

(0) (100) L. P. P.

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1901phae.proj..549W

Wednesday July 16, 1902

W.W.W. Recorder

Set on 3 regions wasted Thr but got no comparisons

Excellent.

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1901phae.proj..549w

Wednesday July 30, 1902

a Tauri.

S.T.
19:22 H.A. $3^h\,00^m$ W. ~~R.A.~~ Dec $-26.6°$

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1901phae.proj..549w

Friday Aug 8/1902

W. W. Wolbs.
F. G.

U. Sagittae

C 3 Var 6.57
Var 2d 6.57
6.57

(9:30 f)

10:40

C 3 Var 6.57
Var 3d 6.47
6.52

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1901phae.proj..549W

J.D. 5975

Wednesday Aug 13 1902

S.J. 7:51 ET = 15:33 S.T. (?)
&
R Cancri Var.

17:57 = 8:15 E Mt. ζ 3 Var 8.76 ✓ ✓
8.44
Var 29 8.60 ✓ P ✓

18:34 8:52 R Virginis
Too low

18:45 9:01 R Bootis 9.64 ✓ ✓
ζ 4 Var 9.48 ✓ P
Var 2nd. 9.56 ✓

19:00 9:16 S Sibrae
Too low & clouds

19:21 9:37 γ Herculis 9.24 ✓ ✓
ζ 3 Var 8.95 ✓ R ✓
Var 2d 9.10

19:47 10:03 U Herculis ✓
Var not seen
R & C seen

19:51 10:07 R Ophiuchi
Moon too near

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1901phae.proj..549W

J.D. 5989

Wed Aug 27, 1902

S.J. $20^h 49^m$ ST = $10^h 11^m$ ET

21:06 10:28 R Herculis ~ ?
l 3 Var 9.76 ✓
Var 4 m 9.50 ✓
9.63

21:15 10:37 U Herculis ✓
Varies.
Was seen

21:18 10:40 R Ophiuchi
Too Low

21:28 10:50 R Draconis ✓
l 3 Var 9.70 ✓
Var 1 l 9.70 ✓
9.70

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1901phae.proj..549w

Friday Aug 29, 1902

S.J.

$21^h 19^m_x = 10:34$ ET

21:37 S Cor. Boreal.
Var m.s
Mean seen.
~~2 Cor.~~
10:41 ~~3 Var~~ ass algol var.
~~Var 2 to 9~~

(12) ~~(11 4)~~ (304) Posted to here.

Ledgered to here.

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1901phae.proj..549W

6.

Sat Sept 7 1902

6" Eqr 9 W, W, W,

19:58 S.J. = 7:42 ET

S.J.

19:13 SS Cygni

m 73 Var 11.20 ✓

Var 2 m 11.12 ✓

11.16 ✓

19:25 γ Cephei.

m 3 Var 9.95 ✓

Var 1 m 10.00 ✓

9.98 ✓

19:30 R Canum Venat.

Cloudy.

19:35 R Cancri. ✓

Varm. s. Clouds(?)

10.9 9 seen (Faintest comp. star on 8 hd. Eul)

(4) (308) L. P. P.

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1901phae.proj..549w

Mon. Sept 8, 1902

S S Cygni

X
7:10

~~[redacted]~~ ~~£1.10.0~~

Varzea £1.30 ✓

~~£1.00~~

(2)(309) L. P. P.

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1901phae.proj..549W

Wed Sept 10, 1902

S S Cygni.

7:00 a 3 Var 4.30
4.30
Var 2 c 4.30 ✓

Wrong star used for "a" on previous evening.

10:10 χ Cygni (naked eye)
c 4 Var 4.44
Var 2 d 4.21 ✓ ✓
4.32

10:45 S H Ceti
m 3 Var 10.49 ✓
10.39 ✓
Var 1 m 10.44 ✓ ✓

11:10 R Ceti
11.40 ✓
11.33 ✓ ✓ o 2 Var Difficult ✓
11.36 Var 2 p

(P) (317) L P P.

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1901phae.proj..549w

Thurs. Sept 11, 1902

SS Cygni.

7:05 f 2 Var 9.07
Var 3g 9.32
9.46

χ Cygni.

7:19 c 3 Var 4.34
Var 3d 4.11
4.22

U Sagittae

8:10 600K 5469 f 3 Var 7.82
600K 5431 g m. s.
−.038

(5)(322) L.P.P.

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1901phae.proj..549W

Seen Sept 14, 1902

χ Cygni.

7:20 c 3 Var 4.34 x
Var 2d 4.21 x
4.28 x

(2)(324) L.P.P

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1901phae.proj.549w

Times. Sept 23, 1902

γ Cygni.

7:20

c 1 Var

Var 4 d.

4.14.
4.01
4.08

(2) (326) L.P.P

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1901phae.proj..549W

Tues Oct 7, 1902

10:00 χ Cygni (Eye ~~[illegible]~~)
C 4 Var 4.4 ✓
Var 2 d. 4.21 ✓
4.32 ✓

10:20 S S Cygni. 6" Equat
O 2 Var 11.97 ✓
Var 1 fr 12.04 ✓
12.00

Q Draconis
10:35 C 3 Var 7.74 ✓
Var 2 d 7.46 ✓
7.60 ✓

γ Cassiop.
Rier interferes.

10:55 R Aquarii
Region not identified

11:05 N 3 Var
Var 2 O
(A) (A)

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1901phae.proj..549w

Wed Oct 8, 1902

7:30

X Aquilae (eye)

dz Var 4.61 ~ L

Var 3 4.36

97 K

4.46

(2) (10) L.P.P.

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1901phae.proj..549W

Thursday Oct 9, 1902

γ Cygni. (naked eye)

7:30 ✓ d 3 Var +71 4.71

Var 2 e 4.46

4.58

(2)(12) L.P.P.

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1901phae.proj..549w

Tues Oct 21, 1902

S S Cygni. 12" Ref. Tel

7:05 O 2 Var 11.97
Var 1 h 12.04
12.00

10:20 R Ceti 6" Equat
h 2 Var 9.17
Var 3 h 9.12
9.14

R Aurigae
10:30 g 3 Var 9.58 Diff
Var 2 h 9.52
9.55 g to close to Var.

U Orionis
10:45 h 3 Var 9.96 Moon bit
Var 1 o 10.08
10.02

R Leporis
10:50 h 3 Var 10.04
10.42
Var 1 l 10.23 Reject.

10:55 S S Aquarii
O 2 Var
Var 1 h 12.00

(12) (24)

L. P.

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1901phae.proj..549W

Thurs. Oct 23, 1902

6" Equa.

10:27 S S Cygni.

02 Var 11.97 ~ ✓

Var 1 fr 12.04 ~

12.00

10:45 R Canes

Var 29 10.62 ~ ✓

f 34 Var 10.60 ~

10.61

R Ursae Min.

10:55 f 2 Var 10.02 ~ ✓

e 4 Var. 10.16 ~

10.09

(6) (30)

L.P.P.

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1901phae.proj..549W

Sat Oct 25, 1902

b'' Equat

6:35 — 8.45 / 8.48 / 8.46 — S Cephei, a 3 Var (Var very red) ✓, Var 2 d

6:50 — ~~γ Andromedae, b 3 Var~~ Wrong configuration, ~~Var 3 b~~, ~~γ Androm~~

6:58 — 9.59 / 9.84 / 9.72 — 9 3 Var, Var 2 d (Identity of d doubtful) ✓

7:15 — 9.48 / 9.45 / 9.46 — γ Cephei, b 3 Var ✓, Var 2 in

7:25 — 5.16 / 5.25 / 5.20 — χ Aquii (v. s.) ✓, f 1 Var, Var 39

7:30 — .021 / .531 / −.010 — 7.62 / 7.46 / 7.54 ✓ — ν Sagittae (v. s.), f 1 Var (difficult), Var 39

7:40 — .528 / .531 / −.003 — 7.76 / 7.75 ✓ / 7.76 — ν Sagittae b'' Equat, Var 9, Var 3 b

8:15 — .552 / .531 / +.021 — 8.72 / 8.50 / 8.61 — ν Sagittae b'' Equat, dr 3 Var, Var 2 d

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1901phae.proj..549W

Sat Oct 25 1902

S Aquarii.

8:20 h & 2 Var 8.77
Var 3 k 8.31
8.54 ✓✓

8:30 S Ceti ✓
h 2 Var 9.23
Var 2 k 9.14
9.18

8:40 R Piscium
g 1 Var 8.67 ✓
Var 1 h 8.62
8.64

9:01 R Arietis
l 1 Var 10.15
Var 3 m 9.97 ✓
10.06

9:09 R Ceti
h 2 Var 9.17
Var 3 k 9.12 ✓
9.14

9:22 R Serpentis
e 3 Var 8.90
Var 2 f 8.82 ✓
8.86

9:30 .604
.531
+.073

U Sagittae
Var 2 m 9.20 ✓

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1901phae.proj..549W

Sat Oct 23, 1902

S S Cygni.

9:47 o 2 Var 11.97 ✓
Var 1 h 12.04 ✓
12.00 ✓ ✓

9:52 .619 U Sagittae 9.10 ✓ ✓
.531 Var 3 m 9.10 ✓
+.088 m 2 Var 9.10

U Cygni. Very red

10:00 9 3 Var 9.12 ✓
Var 2 h 9.05 ✓ ✓
9.08

10:10 R Aquarii
m 3 Var 10.11 ✓
Var 10 10.04 ✓ ✓
10.08

10:33 .648 U Sagittae
.531 m 1 Var 9.00 ✓
+.117 Var 3 m 9.10 ✓ ✓
9.05

10:40 R Geminorum
m 3 Var 9.17 ✓
Var ½ m 9.23 ✓
9.20

(39) (69)

L. P. P.

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1901phae.proj..549W

Tues Oct 28, 1902

6" Equat.

R Delphini

10.40 Var 11.19 ✓

Var ? 11.42

11.30

S Pegasi

11.05 Var not seen 12.6 ✓

not seen. ~~12.69~~

(2) (71) L. P. P.

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1901phae.proj.549W

Wed. Oct 29, 1902

S S Cygni 12" Hor.

6:35 O2 Var, Var 2 p. 11.97 - 11.94 - 11.96 - ✓

X Cygni.

6:50 g 4 Var 5.95 - 5.53 - 5.74 - ✓
Var 2 h

10:38 R Delphini Toolow.

T Cephei

10:45 l 3 Var 9.48 - 9.45 - 9.46 ✓
Var 52 m

R Cygni.

10:55 n 3 Var 9.44 - 9.42 - 9.43 ✓
Var 2 o

R Camel

11:03 f 2 Var 10.52 - 10.60 - 10.56 ✓
Var 29

(10) (8) L.P.P.

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1901phae.proj..549W

Fri Oct 31, 1902

6:55 S S Cygni 12" Hor

02 Var 11.97 =
Var 2 p 11.94 -
11.96

7:00 χ Cygni

f 3 Var 5.36 + F. G.
Var 2 g 5.35 -
5.36 +

(44) (45) L. P. P.

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1901phae.proj..549W

Sat Nov. 1, 1902

SS Cygni. 12" Ref

6:55 o 2 Var ✓ 11.97
f not seen.

7:09 χ Cygni. F.G.
f 3 Var 5.36 ✓
Var 3g 5.25
5.30

7:23 .576 η Sagittae 6" Equa.
.291 f 2 Var 7.72
+.225 Var 2g 2.56 ✓
7.64

8:37 .567 η Sagittae
.291 6.57 c 3 Var (6') Finder
+.276 6.47 Var 3d ✓
6.52

(χ (92)
L P P.

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1901phae.proj..549w

Sun. Nov 2, 1902

S S Cygni.
10:35 02 Var 11.97
Var 2 11.94
11.96

(2) (94)

L P P.

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1901phae.proj..549w

Wed Nov. 5, 1902

S S Cygni 12" Hor.

7.02 l 3 Var 11.22" ✓

Variem.

(2) (96

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1901phae.proj..549W

~~Wed~~ Fri Nov 7, 1902

10:50

S S Cygni. 6" Equa.

a 3 Var A.30 ✓ ✓

Var 1 c f.40 ✓

A.35 ✓

2 (98)

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1901phae.proj.549w

Monday Nov. 1°, 1902

S S Cygni. 6" Equa.

10:35 a 3 Dar A.30 ✓

Var 1 C A.40

A.35

2 (100)

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1901phae.proj..549w

Thurs Nov 20, 1902

S S Cygni

10:45 g = Var 9.62 v
f 3 Var 9.69 v ✓
Var 3h 9.64 v
9.66 v

10:55 U Orionis

o 3 Var 9.66 ✓
p 1 Var 9.76 ✓
9.71

Probably wrong star observed. g?

3 (603)

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1901phae.proj..549w

Fri. Nov. 21, 1902

12" Ilor.

S S Cygni.

5:30 In Var Doubtful
Var 2 l Reject
Taken through clouds.
Is not identified.

S S Cygni.

5:45 In 2 Var 10.12 ✓
Var 2 k. 10.23
10.20

2 (105)

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Omitted by

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Mistake

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Sept Nov 23, 1902

S S Cygni

11.10

m3 Var 11.20

Var 30 11.47

11.34 ✓

(2)(1.07)

Ledgered Posted, Plotted

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1901phae.proj.549w

Feb 9, 1903

Mars.

10:50 2 Bootes 5 Mars. 074

(1408) L.P.P.

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1901phae.proj..549W

Tues Feb 24, 1903

10:30 Mars 2 ♌ Bootis 0.04

(L)(109) L.P.

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1901phae.proj . 549w

Fri Mar 6, 1903

α Canis maj.

9:00± ~~Sirius~~ 10 Mars −0.58

Mars 5 α Bootis −0.26

−0.42

(2)(111)

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1901phae.proj..549W

Fri Mar 20, 1903

Mars 5 d Conjunct. ♂

9:45

(N 112 L P.

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1901phae.proj..549W

Wed Mar 25, 1903

8:30 Mars 3 ∝ Can. Maj.

(1) (113) Lipp.

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1901phae.proj..549W

Sunday Mar 29, 1903

Nova Geminorum

8.76 Vol 24



Apology for region of Nova

11:15 Var 2 < d photog not.

Var 4 < g photog not.

Red color not noticeable.

(2) (11:5) L. J. P.

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1901phae.proj..549W

Tues Mar 31, 1903

11.103 Nova Geminorum

c 2 Var

Var 3 d

2 117 L P D

1901phae.proj..549W

Wed Apr 1, 1903

Nova Geminii photog. Ast.

10:40

c 2 Var P. 13
Var 3 d P. 13
b 4 Var P. 23
(3) (120) P. 16

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1901phae.proj..549W

Sat Apr. 14, 1923

8 pt to half an hour consulting
D. M. chart but could not
locate any brt stars even.
Elsewhere prob. off color.

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1901phae.proj..549w

Sunday April 13/1902

Nova Geminorum

7.50

d 2 Var

Var 3 f

8.67 v
8.87 v
8.77

(2) (12 2) 21.90

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1901phae.proj.549W

Wed Apr 29. 1903

Nova Geminorum.

10:00 Region too hazy
Could not see the Nova

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1901phae.proj..549W

Mon. Aug 10, 1903

W.W.W. Obs.

SS Cygni 6"

8:34 m 2 b, 3 a — 11.10 / 11.47 / 11.28

8:54 R Bootis
g 3, 3h — .74 / .48 / .61

9:10 R Can. Ven.
a 3, 2b — x 7.10 / 6.94 / 7.02

9:17 R Ursae Maj.
h 3, 2k — .48 / .70 / .59

9:30 R Draconis
d 3; 2e, 3f — 7.96 / 7.82 / 7.98 / 7.92

9:38 R Camel.
10.52 / 10.70 / 10.61 f 2h, 1g Diff

9:43 S Serpentis
c 3 2d — .27 / .18 / .22

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

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1901phae.proj..549w

Fri Aug 21, 1903

W. W. W. Albs.

Mars

7:26 Antares 3 Mars Eyerest. 1.52

Mars with glasses on

1.62 Antares 4 Mars. Defin. not so good.

Saturn Eyerest.

7:30 Saturn 5 Antares 0.72

α Aquilae. 4 Saturn. 1.29

Corrected Aug 24, 1903 1.00

R Vulpeculae

8:16 h 3, 2k 9.42
9.14
9.28

J Aquarii

8:23 h 3, 1m 8.94
8.80
8.87

SS Aquarii

8:30 01, 2k 11.87
11.94
11.90

8:30 Faint Aurora in N.W. underneath Ursae Majs & in the bowl.

S Aquarii

8:53 In South Uncertain.
9 2 Vars

Visitors

9:50 R Aquilae

9 2, 2k

11.47
11.36
11.42

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1901phae.proj..549W

Wri Aug 21, 1903

α Cancri

10:13 ex, if ; 10.02 ✓ 10.22 ✓ 10.12 ✓

10:18 α Urae 9 2, 2h .76 ✓ .86 .81

10:27 ~~γ~~ ~~δ~~ Ursae Maj. (Dec +60°.3) 9.47 9.65 9.56

h3, 2K → Corrected Aug 22, 1903

10:31 ~~δ~~ Ursae Maj (Dec 62°) 9.03 .92 .98

9½ 3h

10:47 S Coronæ 10.56 ✓ 10.89 ✓ 10.72

↑ 3 Var, 29

(22)(159) LPP.

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1901phae.proj . 549W

Mon Aug 24, 1903

Mars

Antares & Mars Eye est.

7:30

Saturn

Saturn 5 Antares 1.49

Saturn 5 ~~Antares~~ 0172

2 Aquilae 6 Saturn 221

1.10

11:10

Jupiter

With Shade glass over Jupiter.

#129 & 130 Jupiter 4 Altair

#129, 130 & 135 Altair 5 Jupiters.

LJP

(5) (164)

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1901phae.proj..549W

Tues Sept 1, 1903

ET

8:54 11.6z R Aelphini — 6" Equa
p = Var Haze.
Diff. Ocular limit of visibility.

S Herculis.

9:09 9.79 / 9.76 / 8.78 m 4 Var, 3 O Diff.

9:20 R Serpentis
l 1, 3 m

9:27 S Serpentis
9.03 / 8.70 / 8.86 l 3, 2 f Hazy

9:50 S Coronae
Var sus (?) p not seen.
Clouds.

10:00 Too hazy for further work.

(7) (171) L.P.

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1901phae.proj.:549w

Fri. Sept 4, 1903

7:15 Antares 3 Mars 1.5-2

7:15 Saturn 4 Antares. 0.82

Almost full moon but 20° from Saturn.

(2) (173) RLP

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1901phae.proj..549W

Sunday Sept 6, 1903

7:17 Antares 4 Mars. 1.62

7:19 1.29 α Aquilae 4 Saturn 1.29
0.72 Saturn 4 Antares
1.00

(3)(176) L.P.P

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1901phae.proj..549w

Mars Sept 8, 1903

6:50 Antares 5 Mars 1.72

6:51 α Aquilae 4 Saturn 1.29
0.72
Saturn 5 Antares 1.00

(3)(179) L.P.

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1901phae.proj..549W

Illins. Sept 10, 1903

7:15 Eyepiece.

Antares 5 Mars. 1.72

δ 2 Aquilae 5 Saturn 1.39
Saturn 7 Antares 0.52
0.96

7:40 α 2 Cygni
α 4, 2B 9.3

7:47 SS Cygni
a 4, 1b, 3c
A 40
f. 22
f. 20
f. 27

7:50 Stopped by clds.

(A) (187) L. P. P.

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1901phae.proj..549w

Fri Sept 11, 1903

7:15 Eye — Antares 5 Mars — 1.72

α Aquilae 4 Saturn — 1.29
Saturn 7 Antares — 0.52
0.90

7:25 Mars 3 α Persei. — 1.60

7:38 U U Cygni
α 4, [illegible] 2, 3 f. — 9.4

7:42 S S Cygni — f. 30 v
f. 12
f. 10 v
f. 17 v
a 3, 2b, 4c

9:50 R Cass. — 10.70
10.88
10.79
1 2, 1 v

10:00 S Herculis — 21 33
16 45
4 48
l 1, 2 m — 9.25 v
9.19
9.22

10:16 R Aquarii. — 10.34
10.34
10.34
α 2, 2 f

10:28 R Pegasi — A.P.S. v
A.60
A.72
h 4, 1 k

(17) (204) L.P.P.

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1901phae.proj..549W

Sat Sept 12, 1903

Eye.

7:19 Cutaros 4 Quars 1.62
Quars 3 α Ursae Maj. 1.60
1.64

α Aquilae 5 Saturni 1.39
Saturni 7 Cutaros 0.32
0.96

7:33 S S Cygni
α 3, 4 C
8.30
8.10
8.20

7:34 η. η Cygni
α 3, 3 B
9.3

7:55 R Ophiuchi
m 4, m 2
9.93
16.02
10.00
9.98

7:57 ~~Var~~ Var 20

8:13 S Serpentis
9 3, 1 h
9.82
9.22
9.27

8:21 S Coronae
12.03
12.21
12.12
r 2, 2 r
Slight

9:48 S Aquarii
8.96
9.10
9.03
l 1, 2 m

10:00 T Aquarii
10.66
10.82
10.74
var = r, 2 r

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1901phae.prdj..549w

Sat Sept 12, 1903

	Q Delphini	
10:10	h 2, 1 m	10.01 10.04 10.02
10:16	γ Cass	
	g 2, 2 h	8.76 v 8.78 8.77 v
10:28	γ Cephei	
	m 2, 3 m	9.85 9.90 9.82
	S Cass	
10:40	h 3, 2 h 2	9.50 9.58 9.54

(27) (231)

Ledgered. Plotted.
Posted.

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1901phae.proj..549w

Mon Sept 14, 1903

S S Cygni.

7:53 d b3, 1c f.62 f.40 f.57

7:54 ω 2 Cygni d 4, 2B 9.4

11:12 S S Cygni ~~d b, 3 b~~ e 2, 3 f 9.10 ✓ ~~9.09~~ ✓ 9.10 ✓

E.T.
11:42 Watch 19ˢ slow.
Satellite #1 of Jupiter reappeared
at 11ʰ 53ᵐ 49ˢ very close to limb of planet.
Corrected time 11ʰ 54ᵐ 08ˢ

(6) (237) L.P.P.

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1901phae.proj..549w

Tues Sept 10, 1903

	U. U. Cygni	12" Hor	
10:05	X4, 2B	9.4	Not good focus
	SS Cygni	12" Hor. Vel	
10:15	93, 2h	9.92 ✓ 9.78 ✓ 9.85 ✓	

(4) (241) L P.

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1901phae.proj..549w

York Sep 18, 1903

~~6:55~~

S S Cygni 6"
δ Var about = ~~δ~~ l 10.92
Too hazy for comp.
l faintest star seen.

7:58

S S Cygni
l 2, 3 m 11.10
Seeing very good. 10.62
10.86

U U Cygni.
8:01 δ 3, 2 β 9.85

~~8:20 Sint Vars Cloudy.~~

8:23

S S Cygni
10.86 l 2, 3 m Seeing good.

(7) (248) L P.

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1901phae.proj..549w

Sat Sep 19, 1903

7:45 S S Cygni 6''
l 3,1 m (Harzer) 11.22 –
10.80 –
11.01

7:47 U U Cygni
l 4,2 B 9.40

(4)(252) L.P.

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1901phae.proj..549W

Sept
June ~~Feb~~ 22, 1903

7:10 Antares 3 Mars eye 1/8.5 2

7:10 2 Aquilae & Saturnis eye 1-39

(2) (254)

1901phae.proj..549W

Yerkes. Sept 24, 1903

6:55 Antares = Mars

6:59 Arcturus 5 Saturn. 0.74 1.29 1.02 1.22 eye.

6:57 α Aquilae 4 Saturn

U U Cygni

8:45 α 4, 2 B 9.4 12" Thor.

S S. Cygni 12" Thor

8:47 O 1, 2 p 11.87 11.9x 11.90

8:51 l 3 m, m 3 n

8:54 k 2 l, l 3 m

(7) (261)

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1901phae.proj..549W

Fri Sep 25, 1903

SS Cygni

9:00 02, 2h 11.97 / 11.94 / 11.96

9:05 l 3m m 2m
k 3l, l 3m.

(2) 1263 L. P. P.

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1901phae.proj..549w

Mon
~~Sat~~ Sept 28, 1903

7:05	0.92	Mars 3 Cutars	Eye.
7:10	0.84	α Bootis 6 Saturn	

(2)(260) L.M.P.

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1901phae.proj..549W

Wed Sept 30, 1903

Red. Jupiter I.

Satellite seen $10^{h}\,12^{m}\,41^{s}$

Ballon
$10^{h}\,21^{m}\,00^{s}$

White's watch
$10^{h}\,21^{m}\,08^{s}$

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1901phae.proj..549w

Sun, Oct 18, 1903

S.S Cygni 12" Hor.

7:25 a 4, ~~b 1~~, 3 c out of focus.

$1.40
.20
$1.30

2

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1901phae.proj..549W

Aug 19, 1903

5:45 S Cygni
α 4, 2C

5:46 U Cygni
α 4, 2B

(4) 6
R 1.00

1901phae.proj..549W

Wellesley, Oct 21, 1903

SS Cygni.

10:50 e 1, 3f 9.00 9.09 9.04

10:54 UU Cygni.

23, 3B. 9.3

(4) (10)

L. P. P.

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1901phae.proj..549W

Oct 25, 1903 (Sw)

S Cygni

7:10 Mounting of telescope interfered S southedge of field. Approximately ~~true~~ ~~95, 5~~ l ~~not~~ could not see other stars in field

10:54 S Cygni.
f 0, 29 9.39 9.42 9.40

10:55 ζ Cygni.
24, 33 9.35

(4) (14) L.P.P.

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1901phae.proj..549W

March 26, 1903

10:58

S Cygni.
M2, 1b

10.18
10.33
10.26

(2) (16) L.P.P.

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1901phae.proj..549W

Nues Oct 27, 1923

10:10 SS Cygni.
11.00
11.12
11.06
mel Var, 2m

Have diffiaulty for some reason
when using star "l"

10:16 U-U Cygni
& α 33 B 2.3

10:20 SS Cygni
m 2l, l 2m 11.10
11.12
11.11

(6) (22) L.P.

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1901phae.proj . 549w

Sat Oct 31, 1903

10:35 S S Cygni.

Var not seen. 9 seen.

High power (eye-piece ^) of 6" Equatorial

appears to have taken a forced leave of absence. Not to found.

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1901phae.proj..549w

Tue Sat. May 21, 1904

U U Cygni.

9:45 22, 2B

S S Cygni.

9:48 02var 1 notaeu. 11.97

(3) (25)

1901phae.proj.549W

Wed. July 13, 1904

	S S Cygni.	9.92	
9:40	g 3, 2 h.	9.7 R	9.8 V mean.
9:45	U U Cygni		
	α 3, 2 B		
9:55	R Virginis	7.76	
	f = v, 2 g	7.6 R	7.62 mean.
10:00	U Vir	9.40	
	k 2, 1 l	9.16	
		9.2 R	
	S Ursa Maj	9.03	
10:07	g 2, ~~k 1~~ 1 h	9.12	
		9.0 R	
10:10	γ Ursa Maj	8.20	
	e 2, 1 f	8.24	
		8.22	
10:15	S Bootis	9.72	
	f ½, 2 g	9.9 R	
		9.8 V	
	S Vir	9.41	
10:25	l 4, 1 h	9.49	
		9.6 V	
	R Bootis	10.97	
10:31	h 1, 1 g	11.1 R	
		11.0 R	

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1901phae.proj..549W

Wed July 13, 1904

10:43 R Cor. Bor — v. K2
a 2, 2-b — v. 36
v. K2
Diff owing to distance of comp ~~star~~.

10:50 R Ophiuchi — 9.21
l = 0, 3m — 9.23
9.22

R Scuti — v. 17
11:00 C 2, ~~5~~ 55 — v. 63
v. K0
Comp. distant diff.

Corrected July 16, 1904
20.20.20.

(24) (49)

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1901phae.proj..549w

Wurs. July 14, 1904

S S Cygni.

8:30

81, 19

9.49
9.52
9.50

(2)/5 V

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1901phae.proj..549W

Sat July 16, 1904

10:45 S 8 Cygni. A.42
b 1, 2 c A.30
A.36

(2)/(5-3)

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1901phae.proj..549w

Mon July 18, 1904

11:30

S S Azgui

δ 2, 1 C

f.V 2
f.E 0
A. E 6

(2) (5-5)

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1901phae.proj..549W

Tues July 19, 1904

8 S Cygni · 6''

8:00 a 2,1 b A.20

A.22

A.21

(2,1)(7,7)

L. P. P. to here.

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1901phae.proj..549w

Fri Oct 21, 1904

R Centi Y. O.

8:57 e ½, 3 f

(2) (2)

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1901phae.proj..549w

Oct 24, 1904 (Mon)

R Sculi ∴ yes.

8:20 (3) d(3), 1 e JP.

(2) (4)

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1901phae.proj..549w

(Oct 29, 1904 (Sat)

R Scuti.

8:25 5.95 5.93 5.94 c 3, 1 f. Y. G.

γ Herculis

9:15 Var not seen, c seen. Y. G.

R Coronae

(7:30 (?)) Var seen. (c & d) comparison stars not identified

9:25 χ Aquilae.

Yerkes Haze.

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1901phae.proj..549w

Jan 28, 1905 Saturday

7h05m

o Ceti
R 3, 1d

3.86
3.73
3.80

(1) (4)

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1901phae.proj..549w

$ Yues Jan 31, 1905

Eye

E.T.
8.30 I

α o Ceti
K3, 3 l (Region low & hazy)

3.06
3.53
3.70

(1) (5)

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1901phae.proj..549w

Fri Feb. 3, 1905

o Ceti

eye

7:25

k3, A2 l

1—6

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1901phae.proj..549W

Sat Feb. 4, 1905

o Cet
l23, 2l

7:22 →

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1901phae.proj..549W

Tues Feb. 7, 1905

ó Ceti

7 deg

dk 3, 2 l 37 eye.

(1) + (A) L.P.

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1901phae.proj..549w

Ines Feb. 21, 1905

o Ceti

7h00 h4, 2h. 3.96
3.62
3.40

eye.

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1901phae.proj..549w

(Nov) Feb. 27, 1905.

W. W. Obs.

021403 o Ceti

7.15 k 2, 3 l 3.64

copied from sheet of paper by L.C. on Feb. 28th

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1901phae.proj..549W

Tues Feb-28, '05

Eye.

o Ceti

6:58 k3.3l 370

blue colored

11:07 Brt. Meteor 1 magn. brighter than
α Aurigae passed to S.W. in a
direction parallel to line drawn from
α Aurigae to α Orionis and 5° to East.
1st visible near α Aurigae, disappearing
before reaching apparent position of
α Orionis. Trail visible for a second and
about 25° in length.

(3) (16)

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1901phae.proj..549W

S S Cygni.

Wls-Obs. 6" Tel. Sat Aug 18, 1906

9:01 ET. ... Var 2 Var 15

11.10
11.67
11.32
11.36

Var = 11

Sky Hazy.

Thin cloud passed over region during obs.

See later obsn as recorded in 12" Obs. Record Book.

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1901phae.proj..549W

Tues Aug 21, 06

S S Cygni 6" Equat.

Est. 11.0

9:20 Distinctly brighter than 0
About equal to w
Region covered by clds which occasionally
permitted an inspection of region
but not long enough to get an accurate
comparison

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1901phae.proj..549W

Wed Aug 29, 1906

12" 16a Sel.

S S Cygni.

10 00 Estimate 8.3

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1901phae.proj..549W

Yerkes Obs Oct 23, 1906

E.T.
10:40 — Androm $0^h 17^m + 28.6$ (18 55)
α 3, 1B

11:02 S S Cygni
(e 2, ½ f) Est .9.3

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1901phae.proj..549W

Taurus Nov. 6, 1906

$10^h 16^m$

o Ceti

l. 1, 2 nn

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1901phae.proj..549w

Wed. Nov. 7, 06

o Ceti

$9^h 30^m$ Var = l

Refs. Jupiter ~~I~~ II

$1^h 47^m 42^s$ Watch B

10 26 Bond 39 4

Eclipse at $10^h 42^m 19^s$

Watch B ~~2 04 01~~

2 04 01

Seen at $2^h 04^m 42^s$ Watch B

But Mr. Campbell had already seen it with the 24", and came out and looked through 5". I saw it before the time recorded.

Watch B $2^h 14^m \frac{47}{42}^s = 10^h 53^m$

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1901phae.proj..549W

Glens. Nov. 8, 1906.

o Ceti

8:25 (R.A. 2 l)

Original record in 12" Hor. Bk 148 f 32

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1901phae.proj..549w

~~Jan~~ Sat. Nov. 10, 1906

Eyr.

o Cet.

ls 4, 4l

$l_2 = 3.6$

$l = 3.9$

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1901phae.proj..549W

Fri Jan 11, 1907

Watch comp.

Meridian Circle watch

Bond 394 E.S. $8^h 32^m 0^s$

Watch $8^h 31^m 39^s$ 21s slow

Reappearance Jupiter Sect II

Sust. $8^h 37^m \frac{3}{4} 5^s$ +20s $8^h 37^m 55^s$

Telescope not ~~solid~~. Image bobbing around.

Swiby seen 8 38 25

20

Surely Bond 8 38 45

Watch Comp.

Bond 394 $8^h 43^m 00^s$

$8^h 42^m 41^s$ 19s slow

Ledgered to date

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1901phae.proj..549w

Sat Aug 8, 1908

9:30	142539	V Bootis	Est 8.5
9:33	141567	U Ursa Min	Est 9.9
9:43	152714	RU Librae	moon too bit.
9:53	160625	RU Herculis	Est 10.0
10:10	~~SS Herculis~~ 162807	SS Herculis	Est 11.3 Diff.
10:17	~~RS~~ 171723	RS Herculis	Est 7.8
10:22	172809	RU Oph.	Est 9.6 Minds.

6 6 L.P.P.

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1901phae.proj..549W

Tues Aug 18, 1908

E.S.J.

10:32 142539 V Bootis Est 8.5

10:40 160625 R U Herculis Est 9.2

10:49 162807 S S Herculis Est 11.9

10:56 171401 Cl Z Ophiuchi Est 8.3

11:00 171723 Q S Herculis Est 7.6

11:05 172809 Q U Ophiuchi Est 9.4

11:09 174406 Q S Ophiuchi Est 11.1

11:19 175111 R Y Oph not seen 12.4 ~~suspected~~ seen.

11:35 181103 R Y Oph. not seen 12.2 suspected.

7/2 13/2 L.P.P.

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1901phae.proj..549W

E.S.J.

Ydus Aug 20, 1908

11h12m — α Herculis · Est. 7.1
Dec. 18°.4 — 21h23m — H.C. 5h02m W

11h25m — β Herculis mi 2; 2m 9.5
Dec 14.5 — 21h37m — H.C. 4h50m

11:35 — 191019 R Sagittarii Est 9.6
-20°.5 — 21h48m — H.C. 2h38m W

11:56 — β Sagittarii de-seen.
Region diff.

3 16 L.P.P
1 3

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1901phae.proj..549W

Aurora Aug 24, 1908

E.S.T.
9h 00m

19 22
15 46
3 36

R Sextantis Est 8.1

S.T. 19h 27m H.A. 3h 42m W +14°.6

Stopped by passing clds.

P.P.

1 17
2

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1901phae.proj..549w

Fri Aug 28, 1908

θ Cafric 21^h0^m $-17°.6'$
Setting 21^h07^m H.A. 0^h5^mW $-19°.0$
Corr. Dec $-1.4°$
δ Cas -21^h41^m $-16°.6$
Setting 21^h20^m 0^h15^mE $-18°3$

Corr H.A. 5^mW Dec $-1.7°$

56 Peg. 23^h02^m $+24.9$

Unable to identify any region.

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Aurora Aug 31, 1908

α Lyrae

~~20h42m~~

20 42
2h08m W +38.1
18 ~~46~~ 34
18h34m +38.7

18 3308 χ Ophi.

9h57

Est 8.6

20h54
2 22W +8°.6
18 32

10h10m 19331 R Aquilae 21 06m
1 34W
19 32 +11°.4
Est 10.8

SV Cassiopeiae

10h25m 18 2224 21 20
2 58W +24°.9
Est 11.0 19 32

21 26
2h42 E + 45° +14.5 γ Pegasi
0 08

11h00m R Aquarii Varnot seen
Position of 6.0 21 57
1h47E Decl −16°.0
10.5 seen. 23 44

L.P.P.

3 20
3

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Sat Feb. 20, 1909.

Watch Comparison
Bal 103 $10^h\ 41^m\ 00^s$. Wo. 20.20's watch $10^h\ 41^m\ 24^s$

Obs. Jupiter II 6" Telescope. High power eyepiece.

3" ~~x~~ ·1 ·4

Sat. seen up to $11^h\ 06^m\ 40^s$.
Seeing very bad, sat only appearing at intervals of steadiness in atmospheric conditions.

Watch Comparison:
Bal. 103 $11^h\ 13^m\ 00^s$ Wo. 20.20's watch $11^h\ 13^m\ 25^s$

Corrected time $11^h\ 06^m\ 15^s$

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1001phae.proj : 540w

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