

1874 Dec 21

KG
11365
412

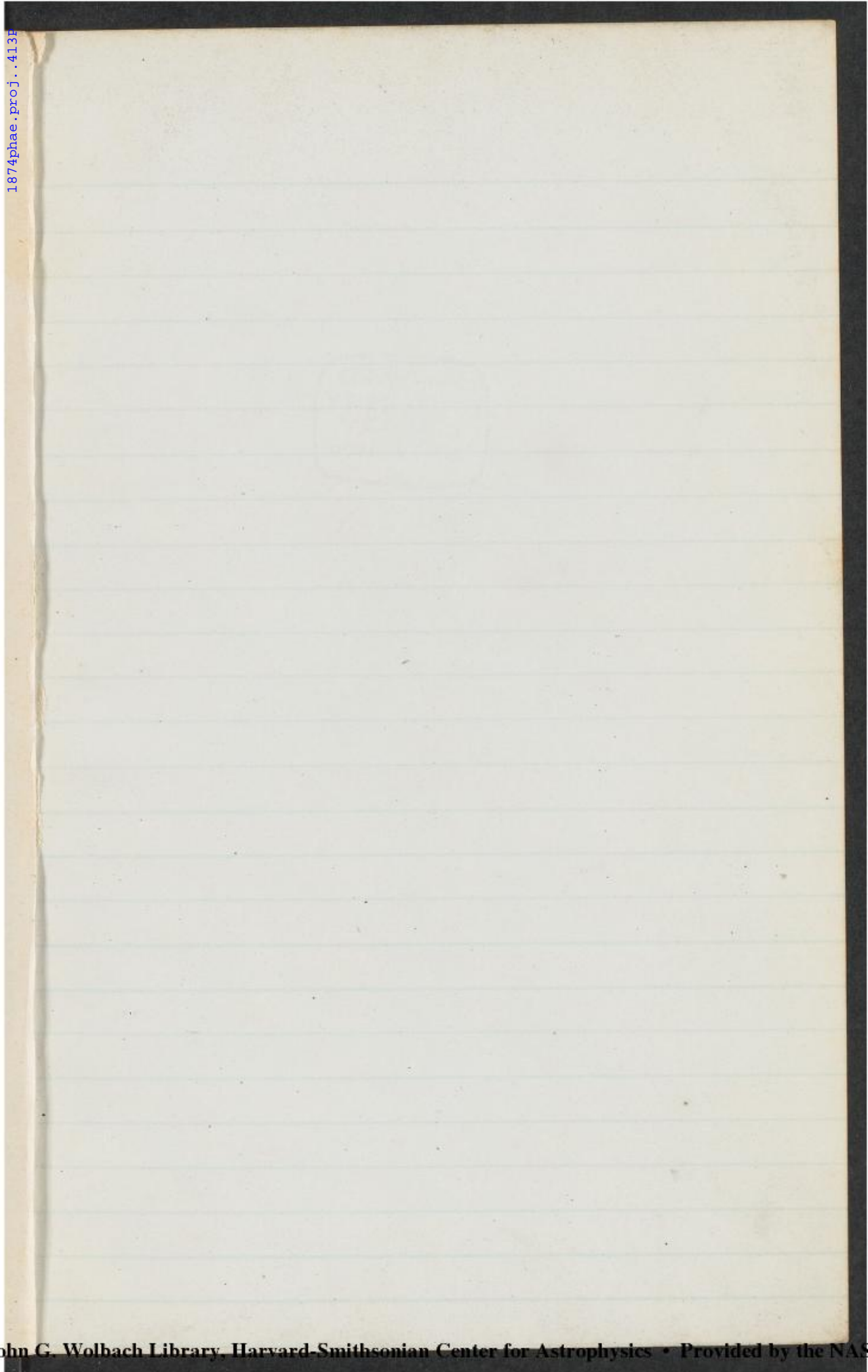
1874 Nov 26
23
1874 Dec 21

15G 11 34 S. 412

Vol. 23

21





KG-11365.412



1874

Nov. 26 continued -

Groups XIX & XX

Orsae Maj.

Cap 2
+21.7

Pinhole 5
2.45

Companion of θ -

Cap. 0.
+29.9

Pinhole 5

1.72

31 Ursae Maj.
Capo Pinhole 5

+20.6

2.58

P IX 169 *
Capo Pinhole 5

+10.0

4.32

2 Ursae Maj.
Pinhole 5

Cap. 1
+40.9

1.04

1874phae.proj..413P

1874phae.proj..413P
 η Ursae Maj.

Cap 1
+54.7

Pinhole 5
-0.50

Companion of η

Cap 0
+14.8

Pinhole 5

. 3.37

53 H Ursae Maj.
Cap 5 Pinhole 5

+28.5

. 1.82

31 Leonis Min.
Cap. 5 Pinhole 5

+38.5

. 1.17

32 Leonis Min.
Cap 0 Pinhole 5

+14.6

. 3.40

38 Leonis Min.
Cap 0 Pinhole 5

+13.6

. 3.57

Note. * **PIV 169** is the southernmost of two.

Groups ~~XXI~~ & ~~XXII~~*ψ Ursae Maj.*

Cap 2
 + 25.1
 + 154.8
 - 154.3

Pinhole 5

2.12
 2.11
2.06
 2 00

39 H Ursae Maj.

Cap 0
 + 19.7
 + 154.9
 - 162.6

Pinhole 5

2.68
 2.12
2.98
 2.59

36 H Ursae Maj.
Capo Pinhole 5

+ 21.5
 + 156.2
 - 159.3

2.48
 2.24
2.56
 2 43

B
149 [^]South Ursae Maj.

$$\begin{array}{r} \text{Cap } 0 \\ + 9.7 \\ + 166.3 \\ - 170.2 \end{array}$$

$$\begin{array}{r} \text{Pinhole } 5 \\ 4.39 \\ 3.55 \\ \underline{4.37} \\ 4.10 \end{array}$$

149 B North Ursae Maj.
Capo Pinhole 5

$$\begin{array}{r} + 9.1 \\ + 169.8 \\ - 170.2 \end{array}$$

$$\begin{array}{r} 4.55 \\ 4.27 \\ \underline{4.37} \\ 4.39 \end{array}$$

w Ursae Maj.
Capo Pinhole 5

$$\begin{array}{r} + 24.3 \\ + 153.1 \\ - 155.1 \end{array}$$

$$\begin{array}{r} 2.19 \\ 1.96 \\ \underline{2.13} \\ 2.09 \end{array}$$

210 B Ursae Maj.
Capo Pinhole 5

$$\begin{array}{r} + 13.9 \\ + 165.2 \\ - 169.1 \end{array}$$

$$\begin{array}{r} 3.52 \\ 3.37 \\ \underline{4.11} \\ 3.67 \end{array}$$

South of ω, γ 210 B

$$\begin{array}{r} \text{Capo} \\ +13.7 \\ +164.3 \\ -166.3 \end{array}$$

$$\begin{array}{r} \text{Pinhole 5} \\ 3.55 \\ 3.22 \\ \underline{3.55} \\ 3.44 \end{array}$$

47 Ursae Maj.
Capo Pinhole 5

$$\begin{array}{r} +23.9 \\ +156.4 \\ -155.1 \end{array}$$

$$\begin{array}{r} 2.23 \\ 2.26 \\ \underline{2.13} \\ 2.21 \end{array}$$

49 Ursae Maj.
Capo Pinhole 5

$$\begin{array}{r} +25.6 \\ +156.4 \\ -157.6 \end{array}$$

$$\begin{array}{r} 2.07 \\ 2.26 \\ \underline{2.38} \\ 2.24 \end{array}$$

56 Ursae Maj.
Capo Pinhole 5

$$\begin{array}{r} +22.3 \\ +157.0 \\ -157.7 \end{array}$$

$$\begin{array}{r} 2.39 \\ 2.32 \\ \underline{2.39} \\ 2.37 \end{array}$$

* 58 Ursae Maj.

Cap 0
+ 16.4
+ 162.4
- 162.6

Pinhole 5
3.12
2.95
2.98
3.02

59 Urs. Maj.
Cap 0 Pinhole 5

+ 18.1
+ 161.4
- 162.5

2.88
2.82
2.96
2.87

57 Urs. Maj.
Cap 0 Pinhole 5

+ 24.1
+ 159.1
- 159.6

2.21
2.54
2.60
2.45

Note - 58 is the middle of
the three -

1874

Monday Nov. 30th

Groups VII & VIII

Sallande 5791

Capo
 + 14.6
 + 163.3
 - 164.2
 - 16.3

Pinhole 5
 3.40
 3.08
 3.21
 3.13

 3.20

171 B Persei.
 Capo Pinhole 5

+ 20.1
 + 162.0
 - 150.9
 - 17.9

2.63
 2.90
 2.76
 2.91

 2.80

176 B Persei.
 Capo Pinhole 5

+ 19.4
 + 150.2
 - 150.1
 - 19.2

2.72
 2.67
 2.66
 2.74

 2.70

175 B Persei.

$$\begin{array}{r}
 \text{Cap 0} \\
 + 16.2 \\
 + 153.5 \\
 - 165.5 \\
 - 17.3
 \end{array}$$

$$\begin{array}{r}
 \text{Pinhole 5} \\
 .3,15 \\
 3,10 \\
 3,42 \\
 2,99 \\
 \hline
 3,16
 \end{array}$$

v Persei
Cap 0 Pinhole 5

$$\begin{array}{r}
 + 46.3 \\
 + 131.2 \\
 - 117.7 \\
 - 61.3
 \end{array}$$

$$\begin{array}{r}
 0.80 \\
 0.70 \\
 0.30 \\
 .0.32 \\
 \hline
 0.53
 \end{array}$$

v Persei.

$$\begin{array}{r}
 \text{Cap 1} \\
 + 32.6 \\
 + 140.5 \\
 - 144.6 \\
 - 35.2
 \end{array}$$

Pinhole 5

$$\begin{array}{r}
 .1.53 \\
 1.12 \\
 1.35 \\
 1.36 \\
 \hline
 1.34
 \end{array}$$

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1874phae.proj..413P

1874phae.proj..413P

1874phae.proj..413P

1874phae.proj..413P

v Persei

$$\begin{array}{r}
 \text{Cap 2} \\
 + 21.2 \\
 + 156.6 \\
 - 157.2 \\
 - 17.9
 \end{array}$$

$$\begin{array}{r}
 \text{Pinhole 5} \\
 2.51 \\
 2.28 \\
 2.34 \\
 \underline{2.91} \\
 2.51
 \end{array}$$

e Persei.

Cap 2 Pinhole 5

$$\begin{array}{r}
 + 24.1 \\
 + 148.6 \\
 - 150.0 \\
 - 33.5
 \end{array}$$

$$\begin{array}{r}
 2.21 \\
 1.61 \\
 1.71 \\
 \underline{1.47} \\
 1.75
 \end{array}$$

f Persei.

$$\begin{array}{r}
 \text{Cap 0} \\
 + 28.7 \\
 + 147.3 \\
 - 146.5 \\
 - 33.4
 \end{array}$$

Pinhole 5

$$\begin{array}{r}
 1.81 \\
 1.52 \\
 1.47 \\
 \underline{1.47} \\
 1.57
 \end{array}$$

e Persei

Cap 0
+39.0
+143.0
-132.9
-48.6

Pinhole 5
1.14
1.25
0.77
0.71

0.97

* m Persei.

Cap 0 Pinhole 5

+13.1
+163.1
-165.4
-15.0

3.66
3.05
3.40
3.33

3.38

59 Persei.

Cap 0 Pinhole 5

+23.2
+158.4
-155.9
-25.2

2.30
2.46
2.21
2.11

2.27

Note.

* m is double with a small star North following: Northern of pair observed.

Groups VIII & IX

E Persei

$$\begin{array}{r} \text{Cap 2} \\ + 25.2 \\ + 147.3 \end{array}$$

$$\begin{array}{r} \text{Pinhole 5} \\ 2.11 \\ \underline{1.52} \\ 1.81 \end{array}$$

f Persei.

$$\begin{array}{r} \text{Cap 0} \\ + 29.9 \\ + 147.5 \end{array}$$

$$\begin{array}{r} \text{Pinhole 5} \\ 1.72 \\ \underline{1.53} \\ 1.62 \end{array}$$

c Persei
Capo Pinhole 5

$$\begin{array}{r} + 40.0 \\ + 140.5 \end{array}$$

$$\begin{array}{r} 1.09 \\ \underline{1.12} \\ 1.10 \end{array}$$

e Persei

$$\begin{array}{r} \text{Cap 1} \\ + 27.9 \\ + 145.7 \end{array}$$

$$\begin{array}{r} \text{Pinhole 5} \\ 1.87 \\ \underline{1.41} \\ 1.64 \end{array}$$

m Persei

$$\begin{array}{r} \text{Capo} \\ +15.0 \\ +165.7 \end{array}$$

$$\begin{array}{r} \text{Pinhole 5} \\ 3.33 \\ 3.45 \\ \hline 3.39 \end{array}$$

59 Persei.
Capo Pinhole 5

$$\begin{array}{r} +25.1 \\ +155.2 \end{array}$$

$$\begin{array}{r} 2.112 \\ 2.14 \\ \hline 2.13 \end{array}$$

233 B Persei.
Capo Pinhole 5

$$\begin{array}{r} +16.6 \\ +157.6 \end{array}$$

$$\begin{array}{r} 3.09 \\ 2.38 \\ \hline 2.73 \end{array}$$

235 B Persei.
Capo Pinhole 5

$$\begin{array}{r} +16.6 \\ +162.2 \end{array}$$

$$\begin{array}{r} 3.09 \\ 2.92 \\ \hline 3.00 \end{array}$$

P. IV 184
Capo Pinhole 5

$$\begin{array}{r} +17.3 \\ +157.5 \end{array}$$

$$\begin{array}{r} 2.99 \\ 2.37 \\ \hline 2.68 \end{array}$$

☿ Aurigae

Cap 2
+25.7
+147.3

Pinhole 1
-2.06
1.52
1.79

Heis

Cap 0
+21.1
+155.7

Pinhole 5
2.52
2.19
2.35

Groups X & XI

☿ Aurig.

Cap 0
+51.1
+127.4
-134.5

Pinhole 5
0.62
0.57
0.83
0.67

☿ Aurig.

Cap 1
+35.8
+148.0
-146.9

~~Pinhole 5~~
Pinhole 5
1.26
1.57
1.49
1.44

3 Aurig.

Cap 1

+35.8
+140.0
-141.8

Pinhole 5

1.32
1.09
1.14

1.20

η Aurig.
Cap Pinhole 5

+36.4
+135.4
-128.1

1.29
0.87
0.59

0.92

18 B Aurig.

Cap 0

+14.8
+164.9
-163.7

Pinhole 5

3.37
3.32
3.45

3.38

14 B Aurig.
Cap Pinhole 5

+13.6
+164.1
-163.5

3.24
3.19
3.10

3.18

λ Aurigae

Cap 0
 +28.2
 +154.1
 -149.9

Pinhole 5
 1.85
 2.04
 1.70

 1.86

δ Aurig.
 Capo Pinhole 5

+19.8
 +160.3
 -159.9

2.67
 2.68
 2.63

 2.66

South preceding δ
 Capo Pinhole 5

+19.6
 +161.3
 -160.5

2.69
 2.81
 2.71

 2.74

South foll. δ
 Capo Pinhole 5

+17.0
 +161.7
 -163.2

3.03
 2.86
 3.06

 2.98

π Aurig.
 Capo Pinhole 5

+33.1
 +146.0
 -147.6

1.49
 1.43
 1.54

 1.49

36 Aurig.

Capo
+17.0
+162.7
-164.5

Pinhole 5

3.03
2.99
3.25
3.09

41 Aurig.

Capo Pinhole 5

+17.5
+165.0
-163.9

2.96
3.33
3.16
3.15

* PV 280

Capo Pinhole 5

+14.5
+167.6
-165.2

3.42
3.79
3.37
3.53

0 Aurig.

Capo Pinhole 5

+15.6
+160.3
-163.6

3.24
2.68
3.12
3.01

Note. * PV 280 is at the right-angle of the triangle -

+
-1

Groups XII & XIII

 β Aurig.

Cap 2
 +38.9
 +141.1
 -135.6

Pinhole 5
 . 1.15
 1.15
0.88
 1.06

* 38 Aurig.

Cap 0
 +12.4
 +165.4
 -166.6

Pinhole 5

. 3.79
 . 3.40
 3.61
3.60

N. preceding 38
 Cap 0 Pinhole 5

+12.5
 +166.5
 -168.6

. 3.77
 3.59
 4.00
3.79

N. foll. 38
 Cap 0 Pinhole 5

+14.9
 +163.0
 -165.1

. 3.35
 3.03
 3.35
3.24

ψ^3 Aurig.

Cap 0
+18.3
+160.8
-162.1

Pinhole 5
2.86
2.74
2.91

2.84

ψ^2 Aurig.
Capo Pinhole 5

+27.4
+154.5
-154.1

1.91
2.08
2.04

2.01

ψ^{10} Aurigae
Capo Pinhole 5

+23.9
+156.8
-155.9

2.23
2.30
2.21

2.25

+ ψ^9 Aurig.
Capo Pinhole 5

+13.3
+166.3
-164.5

3.62
3.55
3.25

3.47

40 Aurig.

Cap 0
+17.8
+160.5
-158.2

Pinhole 5

2.92
2.71
2.44

2.69

41 Aurig.
Cap 0 Pinhole 5

+27.3
+153.4
-154.0

1.92
1.98
2.03

1.98

42 Aurig.
Cap 0 Pinhole 5

+11.5
+165.8
-169.5

3.98
3.47
4.20

3.88

43 Aurig.
Cap 0 Pinhole 5

+14.0
+167.2
-167.1

3.50
3.72
3.70

3.64

Notes. * 38 Aurig. is the right angle of ex-
triangle — + ψ^9 is the middle one of three — Small

Groups ~~XLX~~ & ~~XX~~

& Mrs. May.

$$\begin{array}{r}
 \text{Cap 2} \\
 +21.3 \\
 +157.4 \\
 -158.7
 \end{array}$$

$$\begin{array}{r}
 \text{Pinhole 5} \\
 2.50 \\
 2.36 \\
 \underline{2.50} \\
 2.45
 \end{array}$$

Comp. of &

$$\begin{array}{r}
 \text{Cap 0} \\
 +28.9 \\
 +154.9 \\
 +157.5
 \end{array}$$

$$\begin{array}{r}
 \text{Pinhole 5} \\
 1.79 \\
 2.12 \\
 2.37 \\
 \underline{2.09}
 \end{array}$$

31 Mrs. May.
Capo Pinhole 5

$$\begin{array}{r}
 +20.3 \\
 +160.8 \\
 -160.7
 \end{array}$$

$$\begin{array}{r}
 2.61 \\
 2.74 \\
 \underline{2.73} \\
 2.69
 \end{array}$$

PIX 169
Capo Pinhole 5.

$$\begin{array}{r}
 +23.9 \\
 +155.7 \\
 -156.6
 \end{array}$$

$$\begin{array}{r}
 2.23 \\
 2.19 \\
 \underline{2.28} \\
 2.23
 \end{array}$$

22 Hrs. Maj.

Cap 0
+19.9
+163.5
-160.6

Pinhole 5
2.66
3.10
2.72
2.83

2 Hrs. Maj.

Cap 2
+18.7
+162.6
-162.0

Pinhole 5
2.81
2.98
2.90
2.90

μ Hrs. Maj.
Cap 2 Pinhole 5

+23.9
+153.2
-159.8

2.23
1.96
2.62
2.27

Comp. of μ

Cap 0
+14.8
+153.8
-156.2

Pinhole 5
3.37
3.03
3.53
3.31

63 VIII Mrs. May.

alt Cap 0

45 +24.3

+157.4

-154.5

~~Alt = 46~~

Pinhole 5

2.19

2.36

2.08

2.24

32 Leonis Min.
Cap 0 Pinhole 5

+13.9

+165.4

-165.5

3.52

3.40

3.42

3.45

38 Leonis Min.
Cap 0 Pinhole 5

+16.8

+163.3

-166.4

3.06

3.08

3.57

3.24

31 Leonis Min.
Cap 0 Pinhole 5

+31.5

+146.4

-146.8

1.60

1.46

1.49

1.52

Groups I & ~~IX~~

V Mrs. May:

Cap 2
 +19.6
 +159.6

Pinhole 5
 2.69
2.60
 2.64

39 H Mrs. May:

Cap 0
 +16.9
 +160.1

Pinhole 5
 3.05
2.66
 2.85

36 H Mrs. May:
Cap 0 Pinhole 5

+20.3
 +160.6

2.61
2.72
 2.66

149 B.S. Mrs. May:
Cap 0 Pinhole 5

+11.4
 +158.7

4.00
4.02
 4.01

6
4

149 B.N. Urs. Maj.

Cap 0
+ 8.9
+ 169.3

Pinhole 5
4.60
4.15

4.37

Persei

Cap 1
+ 2.70
+ 153.3

Pinhole 5

1.95
2.15

2.05

Persei

alt. Cap 0
+ 33.5
42 + 149.4

Pinhole 5

~~alt. = 42~~

1.47
1.67

1.57

Persei

Cap 2
+ 21.3
+ 157.7

Pinhole 5

2.50
2.39

2.44

F 431

Cap 0
+ 18.7
+ 160.0

Pinhole 5
2.81
2.65
2.73

τ Persei.
Cap 0 Pinhole 5

+ 38.2
+ 141.9

1.19
1.19
1.19

Note. The presence of clouds
is suspected -

Groups ~~XXX~~ & ~~XXI~~

0 Mrs. Maj.

Cap 1
+ 50.5
+ 138.3
- 135.9
- 49.6

Pinhole 5
0.64
1.01
0.89
0.67
0.80

Comp. of θ

Cap 0

+ 32.5
+ 150.1
- 152.9
- 31.3

Pinhole 5

1.53
1.72
1.94
1.62

1.70

31 Mrs. Maj.
Capo Pinhole 5

+ 16.8
+ 157.7
- 160.3
- 27.5

3.06
2.39
2.68
1.91

2.51

P IX 169
Capo Pinhole 5

+ 23.8
+ 156.7
- 155.9
- 23.9

2.24
2.29
2.21
2.23

2.24

22 H Mrs. Maj.

Cap 0
+21.5
+138.4
-160.0
-23.8

Pinhole 5
2.48
2.46
2.65
2.24

2.46

4 Mrs. Maj.

Cap 2
+23.7
+156.0
-158.8
-27.1

Pinhole 5

2.25
2.22
2.51

1.94
2.23

39 H Mrs. Maj.

Cap 0
+14.8
+163.0
-162.5
-19.1

Pinhole 5

3.37
3.03
2.96

2.76
3.03

36 H Mrs. Maj.

Cap 0
+19.1
+157.6
-161.2
-24.0

Pinhole 5
2.76
2.38
2.79
2.22
2.54

149 B.S. Mrs. Maj.
Cap & Pinhole 5

+11.3
+167.7
-169.7
-11.8

4.02
3.81
4.25
3.91
4.00

149 B. N. Mrs. Maj.
Cap & Pinhole 5

+8.9
+170.0
-170.9
-10.5

4.60
4.32
4.55
4.20
4.42

Note.

This 22 H is n. pr. of a triangle. Perz
happ not same as before observed, which
was the true one

Groups XXII & XXIII

w Mrs. May.

Capo

+29.2

+155.0

-152.4

-28.6

Pinhole 5

1.77

2.12

1.90

1.82

1.90210 B Mrs. May.
Capo Pinhole 5

+13.4

+167.6

-162.2

-15.3

3.51

3.79

2.92

3.29

3.4047 Mrs. May.
Capo Pinhole 5

+24.8

-157.3

-154.2

-23.6

2.14

2.35

2.05

2.26

2.20

49 Mrs. May.

Capo

+ 21.5

+ 161.1

- 158.3

- 23.5

Pinhole 5

2.48

2.78

2.45

2.27

2.49

55 Mrs. May.
Capo Pinhole 5

+ 24.1

+ 156.9

- 152.3

- 23.2

2.21

2.31

1.89

2.30

2.18

58 Mrs. May.
Capo Pinhole 5

+ 15.0

+ 166.1

- 163.1

- 15.5

3.33

3.52

3.05

3.24

3.28

59 Mrs. May:

Cap 0
+17.7
+161.4
-162.7
-18.2

Pinhole 5
2.94
2.82
2.99
2.87
2.90

2 Mrs. May:
Capo Pinhole 5

+57.9
+130.0
-130.2
-48.5

0.59
0.66
0.66
0.79
0.67

2 Mrs. May:

Cap 1
+35.4
+143.4
-140.4
-32.7

Pinhole 5

1.35
1.28
1.11
1.52
1.31

* 65 Mrs. Maj.

Cap 0
+ 12.7
+ 168.6
- 166.3
- 12.6

Pinhole 5
3.74
4.00²⁶
3.55
3.76
~~3.76~~

Between α & γ
Cap 0 Pinhole 5

+ 13.3
+ 169.7
- 167.6
- 12.0

3.62
4.25⁵¹
3.79
3.87
~~3.88~~

γ Mrs. Maj.
Pinhole 5

Cap 2
+ 32.2
+ 150.6
- 148.2
- 30.1

1.55
1.75
1.58
1.70
1.64

Notes.

* 65 Mrs. Maj. is double — Cap. 1 was kept on by mistake since 2 Mrs. Maj.; Cap 1 on 2nd round —

1874

Friday Dec. 4th

Groups VII & VIII

c Persei

Cap 1
 +30.9
 +145.7
 -144.6
 -30.3

Pinhole 5

1.64
 1.41
 1.35
 1.69
 1.52
 74
 0.78

μ Persei
 Cap 1 Pinhole 5

+27.1
 +147.4
 -149.2
 -32.8

1.94
 1.53
 1.65
 1.51
 1.66
 74
 1.92

 α Persei

Cap 0
 +25.3
 +151.7
 -156.8
 -29.2

Pinhole 5

2.10
 1.84
 2.30
 1.77
 2.00

b Persei

Cap 0

+28.9

+144.9

-157.1

-29.1

Pinhole 5

1.79

1.36

1.79

1.78

1.68

Smith. foll. b
Cap 0 Pinhole 5

+17.9

+157.8

-153.0

-20.9

2.91

2.40

3.03

2.54

2.72

F5 Persei
Cap 0 Pinhole 5

+18.9

+150.0

-152.0

-18.9

2.78

2.65

2.90

2.78

2.78

This is to be considered as 1864

$$\begin{array}{r} 2.25 \\ 2.15 \\ \hline 0.10 \end{array}$$

$$\begin{array}{r} 146 \\ 226 \\ \hline 80 \end{array}$$

ϵ Persei

Cap 2
 + 25.4
 + 146.4
 - 156.8
 - 22.8

Pinhole 5
 2.09
 1.46
 2.30
 2.34

 2.05

* f Persei

Cap 0
 + 27.9
 + 146.9
 - 149.9
 - 30.7

Pinhole 5

1.87
 1.49
 1.70
 1.66

 1.68

ϵ Persei Capo Pinhole 5

+ 37.4
 + 139.8
 - 145.3
 - 39.5

1.23
 1.08
 1.39

 1.12
 1.20

$$\begin{array}{r} 1178 \\ \times 92 \\ \hline 1104 \\ 1060 \\ \hline 108416 \end{array}$$

e Persei

Cap 1
 + 29.3
 + 148.7
 - 153.8
 - 29.9

Pinhole 5
 1.76
 1.62
 2.02
 1.72

 1.78

+ m Persei

Cap 0
 + 15.7
 + 164.3
 - 167.3
 - 14.1

Pinhole 5

3.22
 3.22
 3.74
 3.48

 3.42

59 Persei Cap 0 Pinhole 5

+ 19.9
 + 159.6
 - 150.8
 - 20.2

2.65
 2.60
 2.74
 2.62

 2.65

Notes: *f is reddish - Wind blows lamp a little - + m is a double star; Northern component observed -

1.67

1.88
~~74~~
 1.14

1874

Monday Dec. 21st

Groups VIII & IX

ε Persei

Cap 2

+32.3

+29.0

Pinhole 5

1.55

1.79

1.67

2.15

.48

ζ Persei

Pinhole 5

Cap 0

+28.9

+28.9

1.79

1.79

1.79

ε Persei
Capo Pinhole 5

+42.4

+39.5

0.97

1.12

1.04

ε Persei

Pinhole 5

Cap 1

+30.9

+25.1

1.64

2.12

1.88

* m Persei

Cap 0
+16.1
+12.5

Pinhole 5
3.16
3.77
3.46

59 Persei
Capo Pinhole 5
+20.4
+18.7

2.60
2.81
2.70

233 B Persei
Capo Pinhole 5
+19.2
+18.4

2.74
2.84
2.79

235 B Persei
Capo Pinhole 5
+18.0
+14.2

2.90
3.47
3.18

P IV 184
Capo Pinhole 5
+20.3
+18.0

2.61
2.90
2.75

$$\begin{array}{r} 0.65 \\ \underline{2.15} \\ -1.50 \\ \hline 2.14 \\ \underline{3.64} \end{array}$$

$$\begin{array}{r} 1.33 \\ \underline{74} \\ 0.59 \end{array}$$

α Aurig.

Cap 2

+42.7
+60.4

Pinhole 2

0.96
0.34

0.65

Heis

Cap 0

+16.5
+15.8

Pinhole 5

3.10
3.21

3.15

Note * m Persei is double: Northern
component observed -

Groups X & XII

ε Aurig.

Cap 1

+34.1
+37.4
+144.1

Pinhole 5

1.43
1.23
1.32

1.33

$$\begin{array}{r} 59 \\ 64 \end{array}$$

$$\begin{array}{r} 2.79 \\ 2.18 \\ \hline 0.64 \end{array}$$

$$\begin{array}{r} 1.30 \\ 74 \\ \hline 0.56 \end{array}$$

1874phae.proj..413P
E Aurig.

Cap 2
+18.8
+17.9
+160.3

Pinhole 5
2.79
2.91
2.68
2.79

18 B Aurig.

Cap 0
+11.8
+12.4
+167.7

Pinhole 5
3.91
3.79
3.81
3.83

14 B Aurig.
Cap 0 Pinhole 5

+15.7
+18.5
+164.2

3.22
2.83
3.21
3.09

γ Aurig.

Cap 1
+36.5
+35.7
+143.9

Pinhole 5

1.28
1.33
1.30
1.30

$$\begin{array}{r} 0.85 \\ 74 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 2.64 \\ 2.15 \\ \hline 0.52 \end{array}$$

$$\begin{array}{r} 2.30 \\ 2.16 \\ \hline 15 \end{array}$$

η Aurig.

Cap 1
+43.4
+45.5
+133.4

Pinhole 5
0.93
0.83
0.79

0.85

ζ Aurig.

Cap 2
+23.5
+17.6
+151.2

rej.

Pinhole 5
2.26
2.95
2.79

2.57

η Aurig.
Cap 2 Pinhole 5

+25.5
+22.2
+158.0

2.08
2.40
2.42

2.30

δ Aurig.

Cap 0

Pinhole 5

+21.1
+20.9
+159.1

2.52
2.54
2.54

2.53

$$\begin{array}{r} 0.88 \\ 2.15 \\ \hline - 1.27 \end{array}$$

S. preceding 9

Cap 0
+18.1
+17.0
+152.3

Pinhole 5
2.88
3.03
2.94
2.95

S. foll. 9
Cap 0 Pinhole 5

+16.9
+15.8
+153.4

3.05
3.06
3.09
3.07

2 Aurig.
Cap 0 Pinhole 5

+28.1
+25.9
+153.5

1.86
2.04
1.99
1.96

β Aurig.

Cap 2
+47.9
+39.9
+134.0

Pinhole 5

0.74
1.10
0.81
0.88

* 38 Aurig.

Capo
+13.9
+13.5
+166.0

Pinhole 5
3.52
3.59
3.50

3.54

Toll. 38 Aurig.
Capo Pinhole 5

+15.0
+16.4
+164.6

3.33
3.12
3.27

3.24

ψ^2 Aurig.
Capo Pinhole 5

+27.2
+25.3
+154.0

1.93
2.10
2.03

2.02

ψ^3 Aurig.
Capo Pinhole 5

+20.5
+19.0
+158.2

2.59
2.77
2.44

2.60

Note * 38 Aurig. is the right angle of a triangle —

9.80

$$\begin{array}{r} 0.95 \\ 2.15 \\ \hline - 1.20 \end{array}$$

Groups ~~XII~~ & ~~XIV~~ β Aurig.

Cap 2
 + 44.4
 + 138.5

Pin hole 5
 0.88
 1.02

 0.95

38 Aurig.

Cap 0
 + 15.2
 + 165.7

Pinhole 5
 3.30
 3.45

 3.37

N. precepting 38
 Cap 0 Pinhole 5

+ 11.9
 + 165.8

3.89
 3.47

 3.68

N. foll. 38
 Cap 0 Pinhole 5

+ 12.7
 + 163.8

3.74
 3.15

 3.44

ψ^2 Aurig.

Capo
+24.2
+155.2

Pinhole 5
2.20
2.14
2.17

ψ^3 Aurig.
Capo Pinholes

+18.9
+160.7

2.78
2.73
2.75

ψ^4 Aurig.
Capo Pinholes

+24.7
+157.4

2.15
2.36
2.25

ψ^5 Aurig.
Capo Pinholes

+20.2
+158.8

2.62
2.51
2.56

ψ^7 Aurig.
Capo Pinholes

+23.4
+157.0

2.28
2.32
2.30

64 Aurig.

Capo
+16.6
+165.5

Pinhole 5
- 3.09
3.42
3.25

65 Aurig.
Capo Pinhole 5

+20.7
+157.9

2.56
2.41
2.48

~~For continuation see next~~
volume ---

