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January 29. 1902.

Variable DM −1° 546
3h 44m.1 −1° 49' 9.0 (1855)
Comp. stars mark. B14435.

✓ B14435

8.41 d 2 r 8.61 8.91 = 8.76 15 10
8.91 r 1 e 9.01

✓ l 16340

9.01 e 1 r 9.11 9.06 = 9.08 03 02
9.06 r 3 f 9.36

✓ l 22153

9.01 e 2 r 9.21 9.16 = 9.18 03 02
9.16 r 2 f 9.36

✓ l 7850

8.41 d 2 r 8.61 9.01 9.16 = 8.93 32 08 23
9.01 r 0 e 9.01
9.16 r 2 f 9.36

✓ B 22153 Sfp.

9.01 e 1 r 9.11 9.06 = 9.08 03 02
9.06 r 3 f 9.36

✓ l 2939

9.01 e 2 r 9.21 9.26 = 9.24 03 02
9.26 r 1 f 9.36

✓ l 24408

9.01 e 1 r 9.11 9.16 = 9.14 03 02
9.16 r 2 f 9.36

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1902phae..proj..713B

January 29, 1902.

Same (cont.)

✓ B 26193

9.01 e 2 r 9.21 9.26 = 9.24 03 02
9.26 r 1 f 9.36

✓ B 11880

9.01 e 2 r 9.21 9.16 = 9.18 03 02
9.16 r 2 f 9.36

✓ l 371

9.01 e 2 r 9.21 9.16 = 9.18 03 02
9.16 r 2 f 9.36

✓ B 3005

9.01 e 2 r 9.21 9.06 = 9.14 07 08
9.06 r 3 f 9.36

✓ B 14995

9.01 e 2 r 9.21 9.06 = 9.14 07 08
9.06 r 3 f 9.36

✓ l 4883

9.01 e 2 r 9.21 9.06 = 9.14 07 08
9.06 r 3 f 9.36

✓ B 14568

9.01 e 2 r 9.21 9.06 = 9.14 07 08
9.06 r 3 f 9.36

✓ l 605

9.01 e 1 r 9.11 9.06 = 9.08 03 02
9.06 r 3 f 9.36

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1902phae.proj..713B

January 29, 1902.

Same (cont'd)

✓ l 2623

9.01 l 2 r 9.21 9.06 = 9.14 07 08
9.06 r 3 f 9.36

✓ B 10378 Sp.

9.01 l 1 r 9.11 9.06 = 9.08 03 02
9.06 r 3 f 9.36

✓ B 3004
Poor pl.

✓ B 971 Sp.
7.94 b 1, t < 8.04

✓ B 3003
8.41 d 4 r 8.81 8.91 = 8.86 05 05
8.91 r 1 l 9.01

✓ l 513
Poor pl.

✓ l 21480
9.01 l 1 r 9.11 9.06 = 9.08 03 02
9.06 r 3 f 9.36

✓ l 429
9.01 l 2 r 9.21 8.96 = 9.08 13 12
8.96 r 4 f 9.36

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1902phae.proj..713B

January 29, 1902

Samu (cont.)

✓ l 360

Poor pl

✓ l 22393

9.01 e 2 r 9.21 8.96 = 9.08 13 12

8.96 r 4 f 9.36

✓ l 22421

9.01 e 2 r 9.21 9.06 = 9.14 07 08

9.06 r 3 f 9.36

✓ l 22113

9.01 e 1 r 9.11 9.26 = 9.18 07 08

9.26 r 1 f 9.36

✓ l 18870

9.01 e 1 r 9.11 9.16 = 9.14 03 02

9.16 r 2 f 9.36

✓ l 18786

9.01 e 2 r 9.21 9.06 = 9.14 07 08

9.06 r 3 f 9.36

l 20. l 19091

✓ 9.01 e 2 r 9.21 9.06 = 9.14 07 08

9.06 r 3 f 9.36

✓ l 20095

9.01 e 3 r 9.31 9.16 = 9.24 07 08

9.16 r 2 f 9.36

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1902phae.proj..713B

January 29, 1902.

Same (cont.)

l 21405-8

✓
9.01 e 2 r 9.21 9.06 = 9.14 07 08
9.06 r 3 f 9.36

l 16300

✓
9.01 e 1 r 9.11 9.16 = 9.14 03 02
9.16 r 2 f 9.36

✓ l 16330
9.01 e 1 r 9.11 8.96 = 9.04 07 08
8.96 r 4 f 9.36

✓ l 4917
e off pl 9.16
9.16 r 2 f 9.36

✓ l 4981
9.01 e 2 r 9.21 9.06 = 9.14 07 08
9.06 r 3 f 9.36

✓ l 13692
9.01 e 1 r 9.11 8.96 = 9.04 07 08
8.96 r 4 f 9.36

✓ l 12044
9.01 e 2 r 9.21 9.16 = 9.18 03 02
9.15 r 2 f 9.36

✓ l 9549
9.01 e 2 r 9.21 9.06 = 9.14 07 08
9.06 r 3 f 9.36

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1902phae.proj..713B

January 29, 1902.

Same (cont?)

✓ l6369

9.01 e 2 r 9.21 9.06 = 9.14 07 08
9.06 r 3 f 9.36

✓ l894

9.01 e 2 r 9.21 9.16 = 9.18 03 02
9.16 r 2 f 9.36

✓ B18393 Sh.

9.01 e 2 r 9.21 9.16 = 9.18 03 02
9.16 r 2 f 9.36

✓ B14344

9.01 e 1 r 9.11 9.16 = 9.14 03 02
9.16 r 2 f 9.36

✓ B14867

9.01 e 2 r 9.21 9.06 = 9.14 07 08
9.06 r 3 f 9.36

✓ l19351

9.01 e 1 r 9.11 8.96 = 9.04 07 08
8.96 r 4 f 9.36

✓ B14866

9.01 e 3 r 9.31 9.06 = 9.18 13 12
9.06 r 3 f 9.36

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1902phae.proj..7138

January 29, 1902.

Lamont (cont.)

✓ B14977

e off pl. 9.06

9.06 r 3 f 9.36

✓ B14996

8.41 d 5 r 8.91 8.71 = 8.81 10 10

8.71 r 3 e 9.01

✓ B12675 Sp.

9.01 e 2 r 9.21

f h

✓ B12680 Sp.

9.01 e 1 r 9.11 9.36 = 9.24 12 12

9.36 r 0 f 9.36

✓ B12616

9.01 e 3 r 9.31 9.06 = 9.18 13 12

9.06 r 3 f 9.36

✓ B12249 Sp.

8.41 d 4 r 8.81 8.81 = 8.81 00 00

8.81 r 2 e 9.01

✓ B11932

9.01 e 2 r 9.21 9.16 = 9.18 03 02

9.16 r 2 f 9.36

✓ B25-993

9.01 e 3 r 9.31 9.16 = 9.24 07 08

9.16 r 2 f 9.36

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1902phae..proj..713B

January 29 1902.

Same (cont.)

B 25-947

✓

9.01 l 3 r 9.31 9.16 = 9.24 07 08
9.16 r 2 f 9.36

✓ B 25-896

9.01 l 3 r 9.31 9.16 = 9.24 07 08
9.16 r 2 f 9.36

✓ l 14248

9.01 l 2 r 9.21 9.06 = 9.14 07 08
9.06 r 3 f 9.36

✓ l 13712

Poor pl.

✓ l 21585

9.01 l 1 r 9.11 9.16 = 9.14 03 02
9.16 r 2 f 9.36

✓ l 21784

9.01 l 2 r 9.21 9.16 = 9.18 03 02
9.16 r 2 f 9.36

✓ l 23658

9.01 l 3 r 9.31 9.16 = 9.24 07 08
9.16 r 2 f 9.36

✓ l 23912

8.41 d 4 r 8.81 8.91 = 8.86 05 05
8.91 r 1 l 9.01

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1902phae.proj..713B

January 29, 1902.

Same cont.

✓ l 24457

9.01 l 3 r 9.31 9.06 = 9.18 13 12

9.06 r 3 f 9.36

✓ l 24467

9.01 l 2 r 9.21 9.16 = 9.18 03 02

9.16 r 2 f 9.36

✓ l 23486 Sp.

9.01 l 1 r 9.11 9.16 = 9.14 03 02

9.16 r 2 f 9.36

✓ l 26610

9.01 l 2 r 9.21 9.06 = 9.14 07 08

9.06 r 2 f 9.36

✓ B 27279 Poor plate

✓ B 27278

7.24 a 2, t < 7.44

✓ B 27277

8.41 d 1, t < 8.51

✓ l 372

9.01 l 1 r 9.11 8.96 = 9.04 07 08

8.96 r 4 f 9.36

✓ B 27281 Sp.

Poor in Mg. & Cal.

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1902phae..proj..713B

January 30, 1902.

Same (cont.)

✓ B27280

8.41 d 3 r 8.71 8.81 = 8.76 05 05
8.81 r 2 e 9.01

✓ B3197

9.01 e 2 r 9.21 9.16 = 9.18 03 02
9.16 r 2 f 9.36

✓ l 19880

9.01 e 2 r 9.21 9.06 = 9.14 07 08
9.06 r 3 f 9.36

✓ l 22214

9.01 e 1 r 9.11 9.06 = 9.08 03 02
9.06 r 3 f 9.36

✓ l 10083

9.01 e 2 r 9.21 9.16 = 9.18 03 02
9.16 r 2 f 9.36

✓ l 13686

9.01 e 3 r 9.31 9.06 = 9.18 13 12
9.06 r 3 f 9.36

✓ l 9540

e 0 ff pl 9.06
9.06 r 3 f 9.36

✓ a 906 B27283

9.01 e 1 r 9.11 9.16 = 9.14 03 02 Poor mirror of ra.
9.16 r 2 f 9.36

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1902phae.proj..713B

January 30, 1902
Same cont.

✓ B 24332 Sp.

8.41 d 3 r 8.71 8.91 = 8.81 10 10
8.91 r 1 e 9.01

✓ B 24325 Sp.

8.41 d 4 r 8.81 9.01 = 8.91 10 10
9.01 r 0 e 9.01

✓ d 21717 Sp.

8.41 d 3 r 8.71 8.91 = 8.81 10 10
8.91 r 1 e 9.01

✓ B 27283

8.41 d 4 r 8.81 8.91 = 8.86 05 05
8.91 r 1 e 9.01

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1902phae.proj..713B

February 7, 1902.

Variable D M +60° 1246

Comp. stars mark. on l 19780.

✓ l 24472

7.89 7.85 7.99 7.90

b l r 7.99 7.99 = 7.99 — 7.95 7.95 = 7.95 — 00 00

r 2 c 8.19 — 8.15 —

✓ l 24835

6.91 6.87 7.79 7.70

a 2 r 7.11 7.79 = 7.45 — 7.07 7.75 = 7.41 — 34 34

r 1 f 7.89 — 7.85 —

✓ l 25150

6.91 6.87 7.69 7.65

a 2 r 7.11 7.69 = 7.40 — 7.07 7.65 = 7.36 — 29 29

r 2 f 7.89 — 7.85 —

l 25061

✓ 7.89 7.85 8.09 8.05

f 2 r 8.09 8.09 = 8.09 — 8.05 8.05 = 8.05 — 00 00

r 1 c 8.19 — 8.15 —

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February 13, 1902.

April 5, 1902, Mrs. F changed letters of sequence for this plate. f^2 is changed to c and from then on the letters follow in order to m.

ν Persei

$1^h 55.1^m + 56° 15'$ (1901

Comp. plate B 1979.

B 1979

a 1 r

r 1 b

8.63 8.57 8.93 8.87 — 8.73 8.93 = 8.83 8.67 8.87 = 8.77 9.03 8.97 — 10 10 — 10 10

l 5403 Sp.

g f 2, N

9.16 10.78 10.90 — < 11.10 — 10.98 11.16

l 5073

k h 2, N

12.04 11.98 — < 12.18 — 12.24.

l 5120

l k 1, N

12.54 12.48 — < 12.58 — 12.64

l 5267

Near edge of pl.

l 5307

l k 1, N

12.54 12.48 — < 12.58 — 12.64

l 5362

l k 1, N

12.54 12.48 — < 12.58 — 12.64

l 5383

m 2 1, N

12.89 12.54 12.83 — < 12.93 — 12.64 12.99

l 1818 Sp.

b 2 r

9.03 8.97 — 9.17 — 9.23

c f 2 m, s

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1902phae.proj...713B

Feb. 14, 1902.

✓ 11.64 20.96 11.58 11.54 11.88 11.94 — l 2101 h g 2 r? r, h — 11.84 11.76 11.78 11.88 = 11.83 05 05 11.64 12.04 11.98 — 11.94 = 11.89 05 05 11.76 11.54 = 11.65 19 19

✓ 10.10 9.90 10.04 — l 2058 e d, h — < 10.14 10.00 10.20

✓ — l 1963 Vesta

✓ 78 10.70 10.72 — l 1901 f d 2, h — < 10.92 98 10.30

✓ 10.10 9.90 10.04 — l 2986 e d, h — < 10.14 2 10.20

✓ 5 12.44 12.48 — l 2856 b d, h — < 12.58 6 12.44

✓ 11.64 10.96 11.58 — l 2852 h g, h — < 11.68 11.06 11.74

✓ 90 9.55 9.84 — l 2790 a 2, h — < 10.04 9.75 10.10

✓ 78 10.70 10.72 — l 2745 f d 2, h — < 10.92 98 10.30

✓ 54 12.04 12.48 — l 2146 e d, h? — < 12.58 12.14 12.64

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1902phae.proj..713B

February 14, 1902.

Same (cont.)

✓ 90 9.84 l 2183 Sp. d & 2, St ~~< 10.04~~ ~~9.76~~ 10.10

✓ l 2268 Poor pl.

✓ 78 10.72 l 2291 Sp. ~~R~~ 1, St ~~< 10.82~~ ~~10.20~~ 10.88

✓ 12.04 ~~11.64~~ 11.98 l 2293 ~~R~~ 2, St ~~< 12.18~~ ~~11.84~~ 12.24

✓ l 2496 Sp. Poor mix'g of rav.

✓ 90 9.84 l 2520 Sp. d & 2, St ~~< 10.04~~ ~~9.76~~ 10.10

✓ 89 ~~12.84~~ 12.83 B 103 ~~R~~ 1, St ~~< 12.93~~ 99 ~~12.64~~

✓ 957 Poor mix'g of rav.

✓ 96 ~~10.76~~ 10.90 l 4943 ~~q~~ f 3, St ~~< 11.20~~ 26 ~~11.08~~

✓ l 4204 Poor pl.

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1902phae.proj..713B

February 14, 1902

Same (cont.)

✓ 9.03 ~~8.97~~ l 4232 b 4, t ~~< 9.27~~ 9.43

✓ 5 12.04 ~~12.48~~ l 4267 [illegible] k 1, t ~~< 12.08~~ 12.16 4

✓ l 4354 Pontfl.

✓ l 4479 Pouring of nat.

✓ 89 ~~12.84~~ ~~12.83~~ l 4584 m [illegible] 1, t ~~< 12.93~~ ~~< 12.84~~ 99

✓ 78 ~~10.80~~ ~~10.72~~ l 4606 Sp. f [illegible] 1, t ~~< 10.82~~ 10.~~80~~ 88

✓ 10.16 ~~9.90~~ ~~10.04~~ l 4700 l [illegible] 1, t ~~< 10.14~~ 10.~~00~~ 2

✓ 78 ~~10.70~~ ~~10.72~~ l 4891 f [illegible] 2, t ~~< 10.92~~ 10.~~30~~ 98

✓ 78 ~~10.70~~ ~~10.72~~ l 4915 f [illegible] 3, t ~~< 11.02~~ ~~12.40~~

✓ l 4011 Sp. Pouring of nat.

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1902phae.proj.7138

February 14, 1902.
Same (cont.)

✓ ℓ 3969
Poor pl.

✓ ℓ 3919
Useless

✓ ℓ 3638
Too near edge

✓ 12.04 ~~11.64~~ ~~11.98~~ ℓ 3401
pv f, A ~~< 12.08~~ ~~11.74~~ 12.14

✓ 96 ~~10.78~~ ~~10.90~~ ℓ 3308
g f 3, A ~~< 11.20~~ 11.26 ~~28~~

✓ 96 ~~10.78~~ ~~10.90~~ ℓ 3279
g f 3, A ~~< 11.20~~ 11.26 ~~28~~

✓ 10.10 ~~9.96~~ ~~10.04~~ ℓ 3227
g d 2, A ~~< 10.24~~ 10.30

✓ 11.64 ~~10.96~~ ~~11.58~~ ℓ 3228
hz f 2, A ~~< 11.78~~ 11.86

✓ ℓ 3209
Too near edge

✓ ℓ 3186
Poor pl

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1902phae.proj..713B

February 14, 1902

Same (cont.)

✓ 9.03 8.97 — l 25-22 Sp. — b 3, st — ~~9.27~~ 9.33

✓ 9.03 ~~8.97~~ — l 25-69 — b 2, st — ~~9.17~~ 9.23

✓ 9.03 ~~8.97~~ — l 25-88 Sp. — b 2, st — ~~9.17~~ 9.23

Ph. Waibel — B 1935

✓ ~~9.44~~ — t st — ~~9.44~~ 9.90 ~~9.55~~ 9.50

~~9.44~~ — r 4 ~~9.84~~ — ~~9.55~~

✓ 9.03 ~~8.97~~ 9.25 ~~9.19~~ — B 1935-4 — b 2 r — 9.23 9.25 = 9.24 01 01 — ~~9.17 9.19 = 9.18 01 01~~

r 3 t — 9.55 9.49

✓ 8.63 ~~8.57~~ 8.83 ~~8.77~~ — B 2068 — a 1 r — 8.73 8.83 = 8.78 05 05 — ~~8.67 8.77 = 8.72 05 05~~

r 2 t — 9.03 ~~8.97~~

~~B 2043~~

✓ 11.64 ~~11.98~~ — 0 1855 13 — t, t — 11.74 ~~12.08~~

✓ 80 ~~8~~ 12.53 ~~12.93~~ — l 25-60 — t, st — ~~12.93~~ 99 12.64

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1902phae.proj..713B

February 14, 1902.

Same (cont.)

✓ l 7823
mv f 1, A < 12.93 12.64

✓ l 19975
b f 2, A < 12.18 11.84

✓ B 1977
f 3 r 9.03 9.83 9.35 = 9.34 01 01
8.97 9.27 9.29 = 9.28 01 01
r 2 f 2 9.29 9.49

✓ l 13101
l = 1 ?
r = 1 ? 12.93 = 12.83 12.54

✓ l 2808
1 f 1, A < 10.82 10.20

✓ l 4814
mv l 2, A < 13.03 13.09

✓ l 5288
d 2, A < 10.04 10.10

✓ l 10442
mv l 1, A < 12.93 12.64

✓ l 10352
mv l 1, A < 12.93 12.64

✓ l 10351
mv l 1, A < 12.93 12.64

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1902phae.proj...713B

February 14, 1902.

Same (cont.)

✓ ℓ 10252

Too near edge.

✓ 96 ℓ 10229

~~10.78~~ ~~10.90~~ gf 1, st ~~< 11.00~~ ~~10.88~~ 11.06

✓ 5 ℓ 10202

~~12.84~~ ~~12.48~~ ~~ℓ~~ 1, st ~~< 12.58~~ 12.64

✓ 10.96 ℓ 10171 Sp.

~~10.78~~ ~~10.90~~ gf 1, st ? ~~< 11.00~~ ~~10.88~~ 11.06

✓ 78 ℓ 10130 Sp.

10.70 10.72 f 2t ? ~~< 10.92~~ ~~10.30~~ 10.98

ℓ 10115

D

89 ℓ 9333

✓ ~~12.84~~ ~~12.83~~ m 1, st ~~< 12.93~~ 99 12.64

✓ ~~11.64~~ ~~10.96~~ ℓ 9411 Sp.

11.58 h 1 st ~~< 11.68~~ 74 11.86

✓ 13.54 ℓ 9546

~~12.83~~ 1 2 r ~~13.03~~ 12.74

✓ 9.03 ℓ 9648 Sp.

~~8.97~~ b 2, st ~~< 9.17~~ 9.23

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1902phae.proj..713B

February 15, 1902.

Same (cont.)

✓ 11.64 / ~~10.86~~ / ~~11.58~~ l 9784 Nf 1, A < 11.68 11.74 ~~11.86~~

✓ 10.78 / ~~10.72~~ l 9927 Sp. f 2, A? < 10.92 10.98 ~~10.90~~

✓ 10.96 / ~~10.78~~ / ~~10.90~~ l 9986 f 1, A < 11.00 ~~10.~~ 11.06 ~~10.58~~

/ 12.89 / ~~12.84~~ / ~~12.83~~ l 9260 mf 1, A < 12.93 12.99 ~~12.64~~

✓ 12.04 / ~~11.64~~ / ~~11.98~~ l 8456 Nf 1, A < 12.08 ~~11.74~~ 12.14

l 8187 var.?

l 8051 var.?

✓ 12.89 / ~~12.84~~ / ~~12.83~~ l 7945 mf 1, A < 12.93 12.99 ~~12.64~~

✓ 5 12.64 / ~~12.48~~ l 7801 lf 1, A < ~~12.58~~ 12.6 ~~12.14~~

✓ 5 12.64 / ~~12.48~~ l 7773 lf 1, A < ~~12.58~~ 12.6 ~~12.14~~

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1902phae..proj..713B

February 15, 1902.

Same (cont.)

✓ 12.44 5 12.48 l 7772 l k 1, A <12.58 12.44 6

✓ l 7743 fr.

✓ 89 12.44 12.83 l 7628 m k 1, A <12.93 12.64 99

✓ 89 12.44 12.83 l 7585 m k 1, A <12.93 12.64 99

✓ 12.44 5 12.48 l 7570 l k 1, A <12.58 12.44 6

✓ l 7475 N. edge

✓ 96 10.98 10.90 l 3413 g k 3, A <11.20 11.08 26

✓ 12.04 11.64 11.98 l 6097 k k 2, A <12.18 11.84 12.24

✓ 12.04 11.64 11.98 l 5800 k k 1, A <12.08 11.74 12.14

✓ 96 10.98 10.90 l 6029 g k 2, A <11.11 10.98 11.16

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1902phae.proj..713B

February 15, 1902.

Same (cont'd.)

✓ 9.90 10.10 10.72 l 6108 dk l, h? < 10.82 10.30

✓ 04 12.64 12.48 l 6854 bk 2, h < 12.68 8 12.74

✓ l 12059 h ear edge

✓ l 120 126 36 h ear edge

✓ 12.04 12.64 11.98 l 11852 bk 1, h < 12.08 12.74 12.14

✓ l 11822 Pl slanted diamond nm.

✓ 12.04 12.64 11.98 l 11766 bk 1, h < 12.08 12.74 12.14

✓ 12.89 12.83 l 11752 nm 1, h < 12.93 99 12.64

✓ 5 12.64 12.48 l 11727 bk 1, h < 12.58 64 12.74

✓ 5 12.64 12.48 l 11641 bk 1, h < 12.58 6 12.44

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1902phae.proj..713B

February 13, 1902.

Same cont.

✓ l 11640
12.54 5
12.48
bk1, A ∠12.58 12.54 6

✓ l 11608
12.39 89
12.83
m k1, A ∠12.93 12.61 99

l 10932
12.04
12.48
b2, A ∠12.68 12.24

✓ l 10673
12.04
11.64
11.98
k k1, A ∠12.08 X.74 12.14

✓ l 10759
12.54 5
12.48
b k1, A ∠12.58 12.54 6

✓ l 10844
10.96
10.90
g k3, A ∠11.20 11.08 26

✓ l 10907
12.54 5
12.48
b k1, A ∠12.58 12.54 6

l 28876
Var?

✓ l 28074
12.54 5
12.48
b k2, A ∠12.68 12.34 7

✓ l 29998
Var?

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1902phae.proj..713B

February 18, 1902.

Same (cont.)

✓ l 27676
Too near edge of pl.

✓ l 27386
12.44 12.48 lk 1, h <12.5 12.14

✓ l 26629 Sp.
Too near edge of film.

✓ l 26510 Sp.
10.78 10.72 lk 3, h <11.02 10.40 11.08

✓ l 24019
Var.?

✓ l 24111
12.44 12.48 lk 3, h <12.78 12.84

✓ l 24217
Too near edge of pl.

✓ l 24340
12.44 12.48 lk 2, h <12.68 12.14

✓ l 25987
Too near edge of film.

✓ l 26025
12.44 12.48 lk 2, h <12.68 12.14

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1902phae.proj..713B

February 18, 1902.

Same (cont.)

Erythr. l 26329 Sp.
Poor plate

✓

l 23993
Var.?

l 23992
Var?

l 23991
Var.?

l 23983
Var.?

l 23979
Var?

l 23978
Var.?

✓ 11.64 ~~10.96~~ ~~11.58~~ l 23870 h g 2 A ~~< 11.78~~ IX.16 11.84

✓ 11.64 ~~10.96~~ ~~11.58~~ l 23567 h g 1, A ~~< 11.68~~ X.06 11.74

✓ 11.64 ~~10.96~~ ~~11.58~~ l 23527 h g 1, A ~~< 11.68~~ IX.96 11.74

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1902phae.proj..713B

February 18 1902.

Same (cont.)

✓ 12.04 / 11.64 / 11.98 — l 23526 — kl, h — <12.08 — 11.74 — 12.14

✓ 96 / 10.78 / 10.90 — l 23312 Sp. — q l 2, h — <11.10 — 10.98 — 11.16

✓ 12.04 / 11.64 / 11.98 — l 22345 — kl, h — <12.08 — 11.74 — 12.14

✓ 1 / 12.54 / 12.48 — l 22278 — k 2, h — <12.68 — 12.24

✓ l 21534

Too near edge of pl.

✓ 96 / 10.78 / 10.90 — l 21535 — q l 2, h — <11.10 — 10.98 — 11.16

✓ 96 / 10.78 / 10.90 — l 21541 — q l 3, h — <11.20 — 11.08 — 11.26

✓ 1 / 12.54 / 12.48 — l 21737 — k 2, h — <12.68 — 12.24

✓ 1 / 12.54 / 12.48 — l 21740 — k 1, h — <12.58 — 12.14

✓ 1 / 12.54 / 12.48 — l 21757 — k 1, h — <12.58 — 12.14

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1902phae.proj..713B

February 18, 1902.

(Same (cont.)

✓ 5 12.94 12.48 l 20573 l k 1, h ∠12.58 6 12.14

✓ 5 12.94 12.48 l 20129 l k 1, h ∠12.58 6 12.14

✓ 96 10.78 10.90 l 19943 g f 3, h ∠11.20 26 11.08

✓ l 19178 Poor pl.

✓ 5 12.94 12.48 l 19215 l k 2, h ∠12.68 7 12.14

✓ 96 10.78 10.90 l 19239 g f 3, h ∠11.20 26 11.08

✓ 89 12.84 12.83 l 19459 m k 2, h ∠13.03 12.74 13.09

✓ 5 12.94 12.48 l 19599 l k 2, h ∠12.68 7 12.14

✓ 89 12.84 12.83 l 19670 m k 2, h ∠13.03 12.74 13.09

✓ 5 12.94 12.48 l 19739 l k 1, h ∠12.58 6 12.14

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1902phae.proj..713B

February 18, 1902.

Same (cont.)

✓ 96 10.78 10.90 l 19740 gX 3, A <11.20 26 11.08

✓ 89 12.54 12.83 l 19859 nX 2, A <13.03 12.74 13.09

✓ 5 12.04 12.48 l 18720 lX 1, A <12.58 6 12.14

~~l 18513~~ 89 12.48 lX 1, A <12.58 99

✓ 96 10.78 10.90 l 18508 gX 3, A <11.20 26 11.08

✓ 96 10.78 10.90 l 18506 gX 3, A <11.20 26 11.08

✓ 5 12.04 12.48 l 18498 lX 1, A <12.58 6 12.14

✓ 96 10.78 10.90 l 18496 gX 3, A <11.20 26 11.08

✓ 96 10.78 10.90 l 18491 gX 3, A <11.20 26 11.08

✓ l 18115 Poor fd

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1902phae.proj..713B

February 18, 1902.

Same (cont.)

✓ 96 10.78 10.90 l 18186 g 7/7 2, St < 11.10 10.98 11.16

✓ l 18187 Poor in neg. of rac.

✓ 10.96 10.78 10.90 l 18313 g 7/7 3, St < 11.20 11.08 26

✓ 96 10.78 10.90 l 18384 g 7/7 3, St < 11.20 11.08 26

✓ 5 12.44 12.48 l 18390 l k 2, St < 12.58 12.44 6

✓ 5 12.44 12.48 l 18464 l k 2, St < 12.68 12.44 7

✓ 5 12.44 12.48 l 18465 l k 2, St < 12.68 12.44 7

✓ l 17866 Poor in neg. of rac.

✓ 11.64 10.96 11.58 l 17823 h g 2, St < 11.78 11.16 11.84

✓ 5 12.44 12.48 l 17[illegible]3 l k 2, St < 12.68 12.44 7

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1902phae.proj..713B

February 18, 1902.

Same (cont.)

✓ 12.94 12.48 l 17353 h 2, st <12.68 12.74

✓ 12.84 12.83 l 17401 mm h 2, st <13.03 12.74 13.09

✓ 12.84 12.83 l 16981 mm h 2, st <13.03 12.74

✓ 12.84 12.48 l 17033 h 3, st <12.78 12.84

Class C ✓ l 17130

l 17190 ?

✓ 12.84 12.83 l 17279 mm h 3, st ? <13.13 12.84 13.19

✓ 12.84 12.48 l 17302 h 2, st ? <12.68 12.74

✓ 10.96 10.90 l 16692 q 3, st <11.20 11.26

✓ 12.84 12.48 l 16662 h 2, st <12.68 12.74

✓ 12.84 12.48 l 16629 h 2, st <12.68 12.74

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1902phae.proj..713B

February 18, 1902.

Dame (cont.)

✓ l 16628
Too near edge of pl.

✓ l 16622
Class C

✓ 5 l 16552
12.04
12.48 l x 1, s < 12.58 6 12.04

✓ Poor pl 5 l 16535
12.04
12.48 l x 1, s < 12.58 6 12.04

✓ l 16391
Var.?

✓ 5 l 16226
12.04
12.48 l x 1, s < 12.58 6 12.04

✓ 11.64 l 16206
10.96
11.58 h g 3, s < 11.88 11.26 11.94

✓ l 16041
Poor pl.

✓ l 15768
Poor pl.

✓ l 15785
Stellar edge.

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1902phae.proj..713B

February 18, 1902.

Same (cont.)

✓ 12.54 12.48 l 15790 bk1, st ~~12.58~~ 12.54b

✓ l 15837 Poor pl.

✓ 12.54 12.48 l 15893 bk2, st ~~12.68~~ 12.74

✓ 12.04 ~~11.64~~ 11.98 l 15894 bk2, st ~~12.18~~ 11.84 12.24

✓ 9b 10.78 10.90 l 15954 g3, st ~~11.20~~ 11.26

✓ 12.54 12.48 l 15969 bk2, st ~~12.68~~ 12.74

✓ l 15714 Poor pl.

✓ l 15711 Poor pl.

✓ l 15648 Poor pl.

✓ l 15621 Val. mal. edge

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1902phae..proj..713B

February 18, 1902.

Same (cont.)

✓ 96 10.78 10.90 l 15-542 g 1 3 h <11.20 26 11.08

✓ l 15-534 Useless

✓ l 15-484 Useless

✓ 5 12.04 12.48 l 15-351 l 1 3 h <12.78 8 12.84

✓ 5 12.04 12.48 l 15-346 l 1 3 h <12.58 6 12.14

✓ 5 12.04 12.48 l 15-258 l 1 3 h <12.58 6 12.14

✓ 5 12.04 12.48 l 15-189 l 1 3 h <12.58 6 12.14

✓ 96 10.78 10.90 l 15-048 g 1 3 h <11.10 +0.98 11.16

✓ 5 12.04 12.48 l 14691 l 1 3 h <12.58 6 12.14

✓ 5 12.04 12.48 l 14617 l 1 3 h <12.78 8 12.14

✓ 12.04 10.96 11.58 l 13796 hf 3 h <11.68 11.06 12.14

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1902phae.proj..713B

February 18, 1902.

Same (cont.)

✓ l 13897
Class C

✓ l 14000
Class C

✓ l 14031
Class C

✓ l 14124
12.04 5
~~12.48~~ h k 2, A ~~< 12.68~~ 12.14 1

✓ l 14370
~~12.04~~ 12.04
~~11.64~~
~~11.98~~ h k 2, A ~~< 12.18~~ ~~12.54~~ 12.24

✓ l 13642
12.04 5
~~12.48~~ h k 1, A ~~< 12.58~~ 12.14 6

✓ l 13612
11.64
~~10.96~~
~~11.58~~ h g 1, A ~~< 11.68~~ 11.06 14

✓ l 13610
Toomaridge

✓ l 13516
Class C

✓ l 12185
12.04 5
~~12.48~~ h k 1, A ~~< 12.58~~ 12.14 6

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1902phae.proj..713B

February 18, 1902.

Same cont.

l 12187
?

✓ 10.96 ~~10.75~~ l 12632
~~10.90~~ g \ 2, h ~~< 11.10~~ ~~10.98~~ 11.16

✓ 10.96 ~~10.78~~ l 12765
~~10.90~~ g \ 2, h ~~< 11.10~~ ~~10.98~~ 11.16

✓ l 12803
Vesta

✓ l 12829
Vesta

✓ l 12831
Pourpe

✓ l 13099
Near edge

✓ l 13177
Pourpe

✓ l 13183
Near edge

✓ 12.54 ~~12.48~~ l 13185
~~12.48~~ b \ 2, h ~~< 12.68~~ 12.74

✓ ~~12.89~~ ~~12.83~~ l 17050.
~~12.83~~ nf \ 2, h ~~< 13.03~~ ~~12.74~~ 13.09

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1902phae.proj..713B

February 20, 1901.

Sanne (cont.)

✓ A 1321
12.04 11.64 11.98 kr k 1, N < 12.08 11.74 12.14

✓ A 1278
89 12.84 12.83 mn k 2 1 < 13.03 12.74 13.09

✓ A 1090
12.04 11.64 11.98 kr k 2, N < 12.18 11.84 12.24

✓ A 1089
5 12.84 12.48 k k 1, N < 12.58 6 12.14

✓ A 1209
96 10.88 10.90 g f 3, N < 11.20 26 11.08

✓ A 1208
96 10.88 10.90 g f 3, N < 11.20 26 11.08

✓ A 173
5 12.84 12.48 k k 2, N < 12.68 1 12.84

✓ A 130
89 12.84 12.83 mn k 1 1 < 12.93 99 12.84

✓ A 117
89 12.84 12.83 mn k 3 1 < 13.13 12.84 13.19

✓ A 111
12.04 11.64 11.98 kr k 2, N < 12.18 12.24 11.84

✓ A 110
5 12.84 12.48 k k 2, N < 12.68 12. 14 12.84

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1902phae.proj..713B

February 28 1902.

Var. C.P.D. -72° 155

Comp. stars mark on B18 0704
B14130

B28192

10.09 f 2 r 10.29 10.07 = 10.18 11 11
10.07 r 3 g 10.37

✓ B28114

10.09 f 3 r 10.39 9.97 = 10.18 21 21
9.97 r 4 g 10.37

✓ B26814

10.09 f 1 r 10.19 9.97 = 10.08 11 11
9.97 r 4 g 10.37

B26772
f 2 r
r 4 g

✓ B28985 Near edge of film.
9.86 d 3 st = < 10.18

✓ B28977 10.28 01 01
10.09 f 2 r 10.29 10.27 =
10.27 r 1 g 10.37

B26601
f 3 r
r 2 g

✓ B28981 a6 a6
10.47 h 1 r 10.57 10.45 = 10.51
10.45 r 2 k 10.65

B26504
Near edge

B26464
f 3 r
r 2 g

✓ A 4897
10.09 f 2 r 10.29 10.07 = 10.18
10.07 r 3 g 10.37

✓ A 4892 10.18 01 01
10.09 f 1 r 10.19 10.17 =
10.17 r 2 g 10.37

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1902phae.proj..713B

February 27, 1902.
Same cont.

Near edge of field B 26550

✓ 9.86 d 4 r 10.26
e n s

✓ B26597
Surface.

✓ B27837
10.09 f 3 r 10.39 10.07 = 10.23 16 16
10.07 r 3 g 10.37

✓ B27945
10.09 f 2 r 10.29 10.07 = 10.18 11 11
10.07 r 3 g 10.37

A 3970
9.94 e 1 r 10.04 9.89 = 9.96 08 07
9.89 r 2 f 10.09

✓ B28221
Surface

✓ B28236
9.86 d 2 r 10.06 9.74 = 9 90 16 16
9.74 r 2 e 9.94

✓ B28245
10.09 f 2 r 10.29 10.27 = 10.28 01 01
10.27 r 1 g 10.37

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1902phae.proj..713B

February 27, 1902.

Sanni (cont)

Star edge B28750

✓ .0.47 h 2, t <10.67

Star edge of film B28751

✓ 10.09 f 1 r 10.19 10.17 = 10.18 01 01

10.17 r 2 g 10.37

Gillis 3092

B27874

Several exp

✓ B28279

8.52 b 2 r 8.72 8.97 = 8.84 12 13

8.97 r 1 c 9.07

✓ B28347

8.52 b 2 r 8.72 8.97 = 8.84 12 13

8.97 r 1 c 9.07

B28803

Barham

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1902phae.proj..713B

March 6, 1902.

BD −8° 1641 Variable $6^h\ 50^m.3$ −8° 53′ (1855)
Comparison Stars on l 14321.

B 12498
Rear edge of fl.

B 20458

9.23	e 3 r	9.53	9.55 = 9.54	01 01
9.55	r 2 f	9.75		

l 3241 Sp.

8.83		9.03	9.13 = 9.08	05 05
~~8.83~~	d 2 r	~~9.03~~		
9.13	r 1 e	9.23		

B 26613

9.23	e 1 r	9.33	9.55 = 9.44	11 11
9.55	r 2 f	9.75		

l 19895

9.23	e 1 r	9.33	9.55 = 9.44	11 11
9.55	r 2 f	9.75		

B 20931

11.45	l 3, s	< 11.75

B 20658 Sp.
Rear edge

B 12672 Sp.

8.43	c 2 s	< 8.63

B 8997

8.83	d 1, s	< 8.93

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1902phae.proj..713B

March 6, 1902

Same cont.

B 24746 Sp.

✓ 8.83 d 1 r 8.93 8.83 = 8.88 05 05
8.83 r 4 l 9.23

D 24578

✓ 8.83 d 1 r 8.93 8.93 = 8.93 = 00 00
8.93 r 3 l 9.23

l 24493

✓ 8.83 d 2 r 9.03 9.13 = 9.08 05 05
9.13 r 1 l 9.23

✓ B 24545

9.23 e 1 r 9.33 9.55 = 9.44 11 11
9.55 r 2 f 9.75

✓ B 24340 Sp

8.83 d 3 r 9.13 8.93 = 9.03 10 10
8.93 r 3 l 9.23

✓ l 23666

Steavidge

✓ B 24201

8.83 d 3 r 9.13 9.03 = 9.08 05 05
9.03 r 2 l 9.23

✓ B 22665

8.83 d 3 r 9.13 8.93 = 9.03 10 10
8.93 r 3 l 9.23

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1902phae.proj..713B

March 7, 1902.

Same cont.

✓ l22322 Sp.

8.83
9.03

d 3 r 9.13 9.03 = 9.08 05 05

r 2 l 9.23

✓ B27274

8.83 d 2 r 9.03 8.93 = 8.98 05 05

8.93 r 3 l 9.23

B26576

✓ 9.23
9.55

e 2 r 9.43 9.55 = 9.49 06 06

r 2 f 9.75

✓ B27234 2

8.83 d 8 r 9.03 8.83 = 8.93 10 10

8.83 r 4 l 9.23

✓ l26039

✓ 9.23
9.45

e 2 r 9.43 9.45 = 9.44 01 01

r 3 f 9.75

✓ B27085

8.83 d 2 r 9.03 9.03 = 9.03 00 00

9.03 r 2 l 9.23

✓ l25939

9.75
10.00

f 2 r 9.95 10.00 = 9.98 03 02

r 1 g 10.10

✓ B27080

Blakemi Pleu

✓ l25746 B 085

✓ B27056

9.23 e 4 r 9.63 9.45 = 9.54 09 07

✓ 9.23
9.55

e 2 r 9.43 9.55 = 9.49 06 06

r 2 f 9.75

9.45 r 3 f 9.75

✓ B26850

8.83 d 4 r 9.23 9.03 = 9.13 10 10

✓ l24663

8.83
9.13

d 1 r 8.93 9.13 = 9.03 10 10

r 1 l 9.23

9.03 r 2 l 9.23

✓ B26781 Stan Edge

10.83 f 1, St < 10.93

✓ B28823

8.83
9.03

d 2 r 9.03 9.03 = 9.03 0000

r 2 l 9.23

✓ B2493

8.83 d 2 r 9.03 9.03 = 9.03 0000

9.03 r 2 l 9.23

✓ B28792

8.83
9.03

d 3 r 9.13 9.03 = 9.08 05 05

r 2 l 9.23

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1902phae.proj..713B

March 4, 1902.

η Carinæ
$10^h\ 9^m.7\ -58°\ 17'$
Comp. Star mark on B19066.

✓ B19066

12.93	f 2 r	13.13	13.11 = 13.12	01 01
13.11	r 0 g	13.11		

✓ B21172

12.68	02, st	< 12.88	B28927 f3 st

✓ B9472 Pl. trailed B28928 Off film

✓ B21731

12.08	m 2 r	12.23	12.20 = 12.22	01 02
12.20	r 2 m	12.40		

B28952 Off film

✓ B18859 Streak edge

✓ B10833 Off film

✓ B9390

9.97	f 3 r	10.27	10.15 = 10.21	d6 06
10.15	r 2 g	10.35		

✓ B21429

12.93	f 1 r ?	13.03	13.01 = 13.02	01 01
13.01	r 1 g	13.11		

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1902phae.proj..713B

March 4, 1902

Same cont.

B 21426

✓ 13.11 q 3 r 13.41 13.36 = 13.38 03 02

13.36 r 1 n 13.46

B 21173

✓ 12.68 01, St < 12.78

✓ B 21171

11.55 l2, St < 11.75

✓ B 21154 Spr.

Too near edge

✓ B 21565

12.03 m 1, St < 12.13

✓ B 21379 Spr.

Near edge

✓ B 4748

9.24 d 1, St < 9.84

✓ B 10836

Too near edge

✓ B 15180

Near edge

✓ B 15213

11.53 l2, St < 11.75

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1902phae.proj..713B

March 4, 1902.
Same cont.

✓ B 35559
12.40 m 3 r 12.70
0 m 0

✓ B24652
Star edge of pl.

✓ B24705
11.05 h 1, St <11.60

✓ B24834
10.72 h 2, St <10.92

✓ B24857
13.11 q 2 r 13.31
r St

✓ B 24949
12.40 m 1, St <12.50

✓ B 25024
12.68 01, St <12.78

✓ B25490
12.68 02, St <12.88

✓ B26680
11.13 R1, St <11.23

✓ B26841
12.68 01, St <12.78

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1902phae.proj..713B

March 4, 1902.
Same cond.

B26842

✓ 12.68 01, St < 12.78

B26856

✓ 12.93 p 2 r 13.13 13.01 = 13.07 06 06
13.01 r 1 q 13.11

✓ B26857
Standedge

✓ B26907
12.40 m 2, St < 12.60

✓ B26989
12.68 01, St < 12.78

✓ B26972
13.11 q 2 r 13.31
2 St. S

✓ B26991
13.11 q 2, St < 13.31

✓ B27019
12.03 m 1, St < 12.13

✓ B27089
12.68 01, St < 12.78

✓ B27199
11.18 k 1, St < 11.23

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1902phae.proj..713B

March 4, 1902 Sami (cont.)

✓ B27295
13.11 q l, t 13.21

✓ B27352
Sunfan

✓ B27376
Sunfan

B28892
✓ 11.13 R r 11.23 11.45 = 11.34 11 11
11.45 r l 11.55

✓ A4256
12.40 n 2, t < 12.60

✓ A4263
13.11 q 2, t 13.31

✓ A4266
13.11 q 3 r 13.41. 13.26 = 13.34 07 08
13.26 r - 2 R 13.46

✓ A4267
12.40 n 1, t < 12.50

✓ A4320
13.11 q 3 r 13.41 13.36 = 13.38 03 03
13.36 r - 1 R 13.46

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1902phae.proj..713B

March 11, 1902.

Val. CDM $-38^\circ 4049$

$8^h\ 17^m - 38^\circ\ 29'$ (1900)

Comp. stars on B 10527.

✓ B 27 215

9.97 h 1 r 10.07 9.92 = 10.00 07 08

9.92 r 4 k 10.32

B 21602

✓ 9.40 f 2 r 9.60 9.52 = 9.56 04 04

9.52 r 2 g 9.72

B 21353

✓ 9.40 f 2 r 9.60 9.42 = 9.51 09 09

9.42 r 3 g 9.72

✓ B 21207

9.97 h 2 r k 10.17 10.02 = 10.10 07 08

10.02 r 3 g 10.32

✓ B 21041

9.97 h 1 r 10.07 10.02 = 10.04 03 02

10.02 r 3 k 10.32

✓ B 21015

9.40 f 3 r 9.70 9.52 = 9.61 09 09

9.52 r 2 g 9.72

✓ B 20996

9.40 f 3 r 9.70 9.52 = 9.61 09 09

9.52 r 2 g 9.72

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1902phae.proj..713B

Mar. 11, 1902.

Same cont.

✓ B20994

9.40 f1, r 9.50 9.62 = 9.56 06 06
9.62 r 1 g 9.72

✓ B22324

9.72 g 1 r 9.82 9.77 = 9.80 02 03
9.77 r 2 h 9.97

✓ B22459

9.72 g 2 r 9.92 9.77 = 9.84 08 07
9.77 r 2 h 9.97

✓ B22621

9.72 g 2 r 9.92 9.97 10.02 = 9.97 05 00 05
9.97 r 0 h 9.97
10.02 r 3 k 10.32

✓ B24288

9.40 f 3 r 9.70 9.42 = 9.56 14 14
9.42 r 3 g 9.72

✓ B24371

9.97 h 1 r 10.07 10.02 = 10.04 03 02
10.02 r 3 k 10.32

✓ B24524

9.72 g 2 r 9.92 9.77 = 9.84 08 07
9.77 r 2 h 9.97

✓ B24548

9.97 h 2 r 10.17 1002 = 10.10 07 08
10.02 r 3 k 10.32

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1902phae.proj..713B

Mar. 11, 1902.

Same (cont.)

Meas. R. image

B24568

✓ 9.97 h 1 r 10.07 10.02 = 10.04 03 02
10.02 r 3 h 10.32

✓ B24800

9.40 f 3 r 9.70 9.42 = 9.56 14 14
9.42 r 3 g 9.72

✓ B24958

9.97 h 1 r 10.07 10.02 = 10.04 03 02
10.02 r 3 h 10.32

✓ B25088

9.72 g 2 r 9.92 9.67 = 9.80 12 13
9.67 r 3 h 9.97

✓ B26644

9.40 f 3 r 9.70 9.42 = 9.56 14 14
9.42 r 3 g 9.72

B26675

✓ 9.97 h 1 r 10.07 10.02 = 10.04 03 02
10.02 r 3 h 10.32

✓ B26833

9.40 f 3 r 9.70 9.52 = 9.61 09 09
9.52 r 2 g 9.72

✓ B26897

9.97 h 2 r 10.17 10.02 = 10.10 07 08
10.02 r 3 h 10.32

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1902phae..proj..713B

March 11, 1902.

Same (cont.)

✓ B26987

9.72 g 2 r 9.92 9.77 = 9.84 08 07
9.77 r 2 h 9.97

✓ A 5099

9.40 f 2 r 9.60 9.62 = 9.61 01 01
9.62 r 1 g 9.72

✓ B27127

9.40 f 3 r 9.70 9.52 = 9.61 09 09
9.52 r 2 g 9.72

✓ A 2325

9.40 f 2 r 9.60 9.62 = 9.61 01 01
9.62 r 1 g 9.72

✓ B27210

9.72 g 1 r 9.82 9.87 = 9.84 02 03
9.87 r 1 h 9.97

✓ A 4285

997 h 2 r 10.17 9.92 = 10.04 13 12
9.92 r 4 k 10.32

✓ B27252

9.40 f 3 r 9.70 9.52 = 9.61 09 09
9.52 r 2 g 9.72

✓ B1746

9.72 g 2 r 9.92 9.77 = 9.90 12 13
9.77 r 2 h 9.97

✓ B11011 Sp.

8.73 d 1, K < 8.83

✓ B18016

9.72 g 2 r 9.92 9.77 = 9.84 08 07
9.77 r 2 h 9.97

✓ B24341 Sp.

9.08 e 2 r 9.28 9.20 = 9.24 04 04
9.20 r 2 f 9.40

✓ B1867

9.40 f 2 r 9.60 9.52 = 9.56 04 04
9.52 r 2 g 9.72

✓ B24745 Sp.

8.73 d 2 r 8.93 8.88 = 8.90 .03 02
8.88 r 2 e 9.08

✓ Headedge. B24747 Sp.

9.08 e 3, K < 9.38

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1902phae.proj..713B

March 17, 1902.

D.M. -22° 2160

$8^h\ 3.1^m\ -22^\circ\ 38$ (1900)

B 21006

9.76	f 2 r	9.96	9.94 = 9.95	01	01
9.94	r 1 g	10.04			

B 20998

10.04	g 2 r	10.24	10.06 = 10.15	09	09
10.06	r 3 h	10.36			

Near edge of film B 24569

8.68	f 4, h	< 9.08

B 24526

10.04	g 2 r	10.24	10.26 = 10.25	01	01
10.26	r 1 h	10.36			

B 24373

10.36	h 2, h	< 10.56

B 24372

10.04	g 2 r	10.24	10.06 = 10.15	09	09
10.06	r 3 h	10.36			

B 24285

10.04	g 2 r	10.24	10.06 = 10.15	09	09
10.06	r 3 h	10.36			

B 22666

10.36	h 1 r	10.46	10.46 = 10.46	00	00
10.46	r 2 h	10.66			

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1902phae.proj..713B

March 17, 1902.

Same (cont.)

✓ B22425

10.36	h 2 r	10.56	10.46 = 10.51	05	05
10.46	r 2 k	10.66			

✓ l 22548 Sp.

9.76	f 2 r	9.96	9.84 = 9.90	06	06
9.84	r 2 g	10.04			

✓ l 225-30 Sp.

9.76	f 2 r	9.96	9.74 = 9.85	11	11
9.74	r 3 g	10.04			

✓ B 2065-9

10.66	k 1 r	10.76	10.68 = 10.72	04	04
10.68	r 3 k	10.98			

✓ B26676

9.26	d 3 r	9.56	9.34 = 9.45	11	11
9.34	r 2 e	9.54			

✓ B26646

9.54	e 2 r	9.74	9.46 = 9.60	14	14
9.46	r 3 f	9.76			

✓ B25157

10.04	g 1 r	10.14	10.16 = 10.15	01	01
10.16	r 2 h	10.36			

✓ B25990

9.76	f 2 r	9.96	9.94 = 9.95	01	01
9.94	r 1 g	10.04			

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1902phae.proj..713B

March 17, 1902.

Same (cont.)

Star edge. B 24960

√ 8.68 h 3, St < 8.98

B 24959

√ 10.04 g 1 r 10.14 10.06 = 10.10 04 04

10.06 r 3 h 10.36

Star edge B 20603

√ 10.36 h 2, St < 10.56

B 27429

√ 10.36 h 1 r 10.46 10.46 = 10.46 00 00

10.46 r 2 h 10.66

B 27209

√ 10.04 g 2 r 10.24 10.06 = 10.15 09 09

10.06 r 3 h 10.36

B 27208

√ Off film

√ B 20993

10.04 g 2 r 10.24 10.06 09 09 10.15

10.06 r 3 h 10.36

B 27063

√ 10.36 h 1 r 10.46 10.66 10.68 = 10.60 14 06 08

10.66 r 0 h 10.66

10.68 r 3 l 10.98

√ B 21040

10.04 g 2 r 10.24 a

h St

B 26900

√ 9.76 f 3 r 10.06 9.84 = 9.95 11 11

r 2 g 10.04

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1902phae.proj..713P

March 17, 1902.

(Same cont.)

✓ B26677
Off film

✓ B24549
10.04 g 3r 10.24 10.16 =
10.16 r 2h 10.36

✓ 2 2231 Spr.
9.76 f 3r 10.06 9.84 = 9.95 11 11
9.84 r 2g 10.04

✓ B21205
10.04 g 1r 10.14 10.06 = 10.10 04 04
10.06 r 3h 10.36

✓ B10558
Extreme edge

✓ B22622
10.04 g 2r 10.24 10.16 =
10.16 r 2h 10.36

✓ B12739
10.04 g 1r 10.14 10.26 = 10.20 06 06
10.26 r 1h 10.36

✓ B18976 Spr
Off film

✓ B28850
9.76 f 2r 9.96 9.74 = 9.85
9.74 r 3g 10.04

✓ B12876 Spr.
Off film

✓ B28947
9.76 f 3r 10.06 9.94 = 10.00
9.94 r 1g 10.04

✓ B18302 Spr.
Extreme edge

✓ B18048
10.36 h 3r < 10.6.6

✓ B10529
Extreme edge of film
9.74 9.56 =
9.56 r 2f 9.76

R = 9.84 a =

9.84 r 2g 10.04

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1902phae.proj..713B

March 17, 1902.

Same (cont.)

Near edge B17934

✓ 10.04 g 1, St < 10.14

Near edge B 15-226

✓ 10.36 h 1, St < 10.46

✓ B 10946

10.36 h 2, St < 10.56

✓ B 105-21

10.36 h 2, St < 10.56

✓ B 14979

10.36 h 2, St < 10.56

✓ l 24954 Sp.

Too near edge

✓ A 4995

9.76 f 3 σ 10.06 9.84 = 9.95 " "

9.84 h 2 g 10.04

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1902phae.proj..713B

Estimates of p, q and r for β Cas. by Miss Leland. March 29, 1902.

B 19066

2
0 3 p
p 2 q
q 1 r
. . .

B 15536

3
0 4 p
p 2 q
q 2 r
. . .

B 15930

3
0 4 p
p 1 q
q 3 r

B 21426

0 2 p
p 2 q
q 4 r

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1902phae.proj..713B

March 21, 1902.

D.M. 5° 2550
8h 22m.5 -5°.8 (1855.)
Comp. stars marked on B15231.

✓ B24493 S/n.
Toomar corner.

✓ l 28128

9.67	f 2 r	9.87	9.89 = 9.88	01	01
9.89	r 1 g	9.99			

✓ B27238

9.35	e 1 r	9.45	9.57 = 9.51	06	06
9.57	r 1 f	9.67			

✓ l 24091

8.20	f 2 r ?	8.40	8.30 = 8.35	05	05
8.30	r 3 c	8.60			

✓ l 24120

8.60	c 3 r	8.90	8.70 = 8.80	10	10
8.70	r 3 d	9.00			

✓ l 24582

9.00	d 2 r	9.20	9.15 = 9.18	02	03
9.15	r 2 e	9.35			

✓ l 24686

8.60	c 2 r	8.80	8.80 = 8.80	00	00
8.80	r 2 d	9.00			

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1902phae.proj..713B

March 21, 1902.

Same cont.

✓ B25-015-

7.80 a 2 r 8.00 8.10 = 8.05- 05- 05-
8.10 r 1 f 8.20

✓ B25-092

8.20 f 2 r 8.40 8.30 = 8.35- 05- 05-
8.30 r 3 v 8.60

M. damag. B25-245-

✓ 8.20 f 2 r 8.40 8.50 = 8.45- 05- 05-
8.50 r 1 c 8.60

✓ B26678

8.60 a 2 r 8.80 8.80 = 8.80 00 00
8.80 r 2 d 9.00

✓ B26486

8.60 c 1 r 8.70 8.80 = 8.75- 05- 05-
8.80 r 2 d 9.00

✓ B26790

8.20 f 3 r 8.50 8.50 = 8.50 00 00
8.50 r 1 c 8.60

✓ B2636g

To near edge

✓ D26402

8.20 f 2 r 8.40 8.50 = 8.45- 05- 05-
8.50 r 1 c 8.60

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1902phae.proj,.713B

March 21, 1902.

Same coast.

L 26587

✓

8.60	C 2 r	8.80	8.90 = 8.85	05 05
8.80	r 1 d	9.00		

✓ L 26839

9.35	L 2 r	9.55	9.47 = 9.51	04 04
9.47	r 2 f	9.67		

✓ B 27011

9.67	f 1 r	9.77	9.79 = 9.78	01 01
9.79	r 2 g	9.99		

✓ B 27061

9.67	f 1 r	9.77	9.67 = 9.72	05 05
9.67	r 3 g	9.99		

✓ L 26909

Off film

✓ B 27418

8.20	f 3 r	8.50	8.40 = 8.45	05 05
8.40	r 2 c	8.60		

✓ B 27457

8.20	f 1 r	8.30	8.40 = 8.35	05 05
8.40	r 2 c	8.60		

✓ L 27864

9.00	d 3 r	9.30	9.25 = 9.28	02 03
9.25	r 1 e	9.35		

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1902phae.proj..713B

March 21, 1902.

Same (cont.)

✓ l 27911

9.35⁻ d 1r 9.45⁻ 9.57 = 9.51 06 06
9.57 r 1f 9.67

✓ l 20440

8.20 f 3r 8.50 8.40 = 8.45⁻ 05⁻ 05⁻
8.40 r 2e 8.60

✓ l 20489 Spr.

9.00 d 2r 9.20 9.15⁻ = 9.18 02 03
9.15⁻ r 2e 9.35⁻

✓ l 20513 Spr.

9.00 d 1r 9.10 9.05⁻ = 9.08 02 03
9.05⁻ r 3e 9.35⁻

✓ l 20723

9.00 d 2r 9.20 9.25⁻ = 9.22 02 03
9.25⁻ r 1e 9.35⁻

✓ B 21394 Spr.

9.00 d 3r 9.30 9.15⁻ = 9.22 08 07
9.15⁻ r 2e 9.35⁻

✓ l 22089

9.00 d 3r 9.30 9.25⁻ = 9.28 02 03
9.25⁻ r 1e 9.35⁻

✓ B 24460 Spr
Por pl.

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1902phae.proj,.713B

March 21, 1902.

Same (cont.)

B 24456 Spr.

9.67	f 1 r	9.77	9.79 = 9.78	01 01
9.79	r 2 g	9.99		

B 24448 Spr.

Poor pl.

l 23918

9.99	g 1 r	10.09	10.09 = 10.09	00 00
10.09	r 2 h	10.29		

l 23882

9.67	f 2 r	9.87	9.89 = 9.88	01 01
9.89	r 1 g	9.99		

B 22751 Spr.

8.60	c 2 r	8.80	8.80 = 8.80	00 00
8.80	r 2 d	9.00		

B 22651 Spr.

8.60	c 2 r	8.80	8.90 = 8.85	05 05
8.90	r 1 d	9.00		

l 22501

9.35	e 1 r	9.45	9.47 = 9.46	01 01
9.47	r 2 f	9.67		

l 22356

9.00	d 2 r	9.20	9.15 = 9.18	02 03
9.15	r 2 e	9.35		

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1902phae..proj...713B

March 21, 1902.

Same cont.

✓ l 22289 Sp

9.35⁻ e 1 r 9.45⁻ 9.47 = 9.46 01 01
9.47 r 2 f 9.67

✓ l 22219

9.35⁻ e 1 r 9.45⁻ 9.47 = 9.46 01 01
9.47 r 2 f 9.67

✓ l 13983
R 8.80
8.80 r 2 d 9.00

✓ B 1823-4
10.29 h 3, 1 10.5⁻

✓ B 18401
Too near edge.

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1902phae.proj..713B

March 24, 1902.

D.M. -9°, 2612

$8^{h}\ 32.^{m}7 - 9^{\circ}\ 5'$ (1855-5)

Comp. stars and 1485-0.

✓ l 27911

8.51 d 1 r 8.61 8.66 = 8.64 03 02

8.66 r 2 e 8.86

l 27865

✓ 8.51 d 2 r 8.71 8.76 = 8.74 03 02

8.76 r 1 e 8.86

✓ B 27423

7.85 b 2 r 8.05

c off pl

✓ B 27240

8.51 d 1 r 8.61 8.66 = 8.64 03 02

8.66 r 2 e 8.86

✓ B 27036

8.51 d 1 r 8.61 8.66 = 8.64 03 02

8.66 r 2 e 8.86

✓ B 27011

8.13 c 2 r 8.33 8.31 = 8.32 01 01

8.31 r 2 d 8.51

✓ l 26402

8.13 c 2 r 8.33 8.31 = 8.32 01 01

8.31 r 2 d 8.51

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1902phae..proj...713B

March 24, 1902.

Same cont.

✓ B26876

8.13 C 2 r 8.33 8.41 = 8.37 04 04
8.41 r 1 d 8.51

✓ l 26314

8.13 C 3 r 8.43 8.41 = 8.42 01 01
8.41 r 1 d 8.51

✓ B26785

8.13 C 2 r 8.33 8.31 = 8.32 01 01
8.31 r 2 d 8.51

✓ l 24091 Poor pl.

✓ B26584

8.13 C 2 r 8.33 8.31 = 8.32 01 01
8.31 r 2 d 8.51

✓ B24480

8.13 C 2 r 8.33 8.41 = 8.37 04 04
8.41 r 1 d 8.51

✓ B25401

8.13 C 2 r 8.33 8.41 = 8.37 04 04
8.41 r 1 d 8.51

✓ B25141

8.13 C 3 r 8.43 8.21 = 8.32 11 11
8.21 r 3 d 8.51

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1902phae.proj..713B

March 24, 1902.

Same (cont.)

✓ B25015

8.13 C 2 r 8.33 8.41 = 8.37 04 04
8.41 r 1 d 8.51

✓ l 24653

c off pl 8.41
8.41 r 1 d 8.51

B 24700

✓ 8.13 C 3 r 8.43 8.31 = 8.37 06 06
8.31 r 2 d 8.51

✓ l 24583

Too near edge

l 22303 Spr.

✓ c off pl 8.31
8.31 r 2 d 8.51

l 22289 Spr.

✓ 8.51 d 1 r 8.61 8.66 = 8.64 03 02
8.66 r 2 e 8.86

✓ l 22673 Spr.

Too near coma

✓ l 28125 ✓ A 5093 01 01

8.13 C 1 r 8.23 8.41 = 8.32 09 09 8.13 C 3 r 8.43 8.41 = 8.42
8.41 r 1 d 8.51 8.41 r 1 d 8.51

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1902phae..proj...713B

March 26, 1902.

Variable

$10^h\ 32^m.3 - 61^\circ\ 40'$ (1875)

Comp. stars on B 21557

Knowledge. B 28802

✓ 10.47 h 2, st < 10.67

✓ B 27574

11.28 m 1 r 11.38 11.40 = 11.39 01 01

11.40 r 1 m 11.50

Knowledge. B 27000

✓ 10.72 k, st < 10.82

✓ B 27169

10.47 h 2 r 10.67 $10.6\chi^2 = 10.6\chi^4$ ~~00 00~~ 03 02

$10.6\chi^2$ r 1 k 10.72

✓ B 27199

10.47 h 2 r 10.67 10.52 = 10.60 07 08

10.52 r 2 k 10.72

B 27295

✓ 11.28 m 1 r 11.38 11.30 = 11.34 04 04

11.30 r 2 m 11.50

B 27332

✓ 11.50 m 2 r 11.70 11.65 = 11.68 02 03

11.65 r 1 a 11.75

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1902phae.proj..713B

March 26, 1902.

Same (cont.)

✓ B27352
Surface

✓ B27376
Surface

✓ B27377
Surface

✓ B26994
too near edge pl.

✓ B26967
11.28 m l r 11.38 11.40 = 11.39 01 01
11.40 r l m 11.50

✓ B26941
11.50 m. l st. < 11.60

✓ B26939
11.72 2, st. < 11.92

✓ B26907
11.50 m. l st. < 11.60

✓ B26857
9.62 2. l st < 9.72

✓ B26856
Too near edge

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1902phae..proj...713B

Mar. 26, 1902.

Same conf.

✓ B26842

Too much edge.

✓ B26841

12.12 fp 2 st < 12.32

✓ B24834

10.47 h.l st < 10.57

✓ B24857

12.12 fp 2 st < 12.32

✓ B24970

Too much edge.

B 25-024

✓ 11.75 02 r 11.95 12.02 = 11.98 03 04

12.02 r l fp 12.12

✓ B25-490

11.00 l 2 r 11.20 11.18 = 11.19 01 01

11.18 r l m 11.28

B25-356

✓ 10.22 g l r 10.32 10.37 = 10.34 02 03

10.37 r l h 10.47

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1902phae.proj..713B

April 7, 1902.

S.D.M. is Variable
$10^h\ 40.9^m - 58°\ 54'$ (1900)
Comp. stars on B 16379

✓ B 12901 Sp.
D

✓ B 7748 Sp.
D

✓ B 15132 Sp.
D

✓ B 7431 Sp.
D

✓ B 7473 Sp.
D

✓ B 7433 Sp.
Poor plate

B 5880 Sp.
Too near edge of pl

✓ B 4825 Sp.
D

✓ B 9566 Sp.
D

✓ λ 4572
9.47 r 3 r 9.77 9.77 = 9.77 00 00
9.77 r 1 d 9.87

✓ λ 4160
9.47 r 3 r 9.77 9.67 = 9.72
9.67 r 2 d 9.87 05 05

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1902phae.proj..713B

April 7, 1902

Saume (cont.)

✓ B15-5-5-7 Sfr.
D

✓ B15-611 Sfr.
D

✓ B13027 Sfr.
D

✓ B15-042 Sfr.
D

✓ B15-188 Sfr.
D

✓ B19646
Too near edge

✓ B18317
Too near edge

✓ B18669
Too near edge

✓ B18427
9.48 c3r 9.78 9.68=9.73 05 05
9.68 r2d 9.88

✓ B15-5-56
9.48 c3r 9.78 9.78=9.78 00 00
9.78 r1d 9.88

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1902phae.proj..713B

April 7, 1902.
Same cont.

✓ B 5249
Too near edge of pl.

✓ B 17025 Sp.
D

✓ B 9115 Sp.
D

✓ B 75-26
D

✓ B 13-149 Sp.
D

B 75-31 Sp.
D

B 75-30 Sp.
D

✓ B 5250
Too near edge

✓ B 8273 Sp.
Near edge of pl.

✓ B 27332

9.48 c 2 v 9.68 9.78 = 9.73 05 05
9.78 v 1 d 9.88

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1902phae.proj..713B

April 7, 1902.

Same cont.

✓ B 27335-2
Surface

✓ B 27377
Surface

✓ B28802

9.48 C 2 r 9.68 9.68 = 9.68 00 00
9.68 r 2 d 9.88

✓ B27295

9.48 C 2 r 9.68 9.58 = 9.63 05 05
9.58 r 3 d 9.88

✓ B27199

9.48 C 2 r 9.68 9.58 = 9.63 05 05
9.58 r 3 d 9.88

✓ B27169

9.48 C 2 r 9.68 9.78 = 9.73 05 05
9.78 r 1 d 9.88

✓ B27000

9.48 C 2 r 9.68 9.68 = 9.68 00 00
9.68 r 2 d 9.88

✓ B26991

9.48 C 2 r 9.68 9.78 = 9.73 05 05
9.78 r 1 d 9.88

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1902phae.proj..713B

April 7, 1902

Same (cont.)

B 27574

✓ 9.48 c 1r 9.58 9.78 = 9.68 10 10
9.78 r 1d 9.88

B 26967

✓ 9.48 c 2r 9.68 9.78 = 9.73 05 05
9.78 r 1d 9.88

B 26941

✓ 9.88 d 2r 10.08 9.96 = 10.02 06 06
9.96 r 2e 10.16

B 26939

✓ 9.88 d 1r 9.98 9.96 = 9.97 01 01
9.96 r 2e 10.16

B 25356

✓ 9.88 d 2r 10.08 10.06 = 10.07 01 01
10.06 r 1e 10.16

B 25185

✓ Tomaledge

B 25024

✓ 10.16 e 2r 10.36 10.26 = 10.31 05 05
10.26 r 2f 10.46

B 24970

✓ 10.16 e 1r 10.26 10.26 = 10.26 00 00
10.26 r 2f 10.46

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1902phae..proj..713B

April 7. 1902.

Same cont.

✓ B24857

9.88 d 2 r 10.08 10.06 = 10.07 01 01
10.06 r 1 l 10.16

✓ B24652

9.88 d 2 r 10.08 10.06 = 10.07 01 01
10.06 r 1 l 10.16

✓ B24646

Poor fl.

✓ A4263

10.16 l 1 r 10.26 10.26 = 10.26 00 00
10.26 r 27 10.46

✓ A4320

9.88 d 2 r 10.08 10.06 = 10.07 01 01
10.06 r 1 l 10.16

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1902phae.proj..713B

April 10, 1902.

Var. A.G.C. 8954

h m ° ′

7 1.7 − 35 47

B20635

✓ 7.68 7.78 8.08 8.18

a 3 r 7.98 8.08 = 8.03 05 05 / 8.08 8.18 = 8.13 05 05

r 1 b 8.18 8.28

B27086

✓ 7.68 7.78 8.08 8.18

a 3 r 7.98 8.08 = 8.03 05 05 / 8.08 8.18 = 8.13 05 05

r 1 b 8.18 8.28

B26610

✓ 7.68 7.78 7.98 8.08

a 2 r 7.88 7.98 = 7.93 05 05 / 7.98 8.08 = 8.03 05 05

r 2 b 8.18 8.28

B7406 Sp.

✓ 8.18 7.68 8.28 8.23 8.33

b 2 r 8.38 8.23 = 8.30 08 07 / 8.48 8.33 = 8.40 08 07

r 3 c 8.53 8.63

B24197

✓ 7.68 7.78 8.08 8.18

a 3 r 7.98 8.08 = 8.03 05 05 / 8.08 8.18 = 8.13 05 05

r 1 f 8.18 8.28

B12500

✓ 7.68 7.78 7.98 8.08

a 4 r 8.08 7.98 = 8.03 05 05 / 8.18 8.08 = 8.13 05 05

r 2 f 8.18 8.28

B26669

✓ 7.68 7.78 8.08 8.18

a 4 r 8.08 8.08 = 8.08 00 00 / 8.18 8.18 = 8.18 00 00

r 1 f 8.18 8.28

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1902phae..proj..713B

April 10, 1902.

Same (cont.)

✓ B20433

8.18 8.28 8.23 8.26 02 03
~~8.28 8.38 8.33 8.36 02 03~~
8.23 8.53
~~8.33~~ r 3 c ~~8.63~~

✓ B22525

7.68 7.98 8.08 8.03 05 05
~~7.78 8.08 8.18 8.13 05 05~~
8.08 8.18
~~8.18~~ r 1 b ~~8.28~~

✓ B21200

8.18 8.28 8.23 8.26 02 03
~~8.28 8.38 8.33 8.36 02 03~~
8.23 8.53
~~8.33~~ r 8 c ~~8.63~~

✓ B21011

7.68 8.08 7.98 8.03 05 05
~~7.78 8.18 8.08 8.13 05 05~~
7.98 8.18
~~8.08~~ r 2 b ~~8.28~~

✓ B24203

7.68 8 8 8
~~7.78 8.18 7.98 8.08 10 10~~
7.98 8.18
~~8.08~~ r 2 b ~~8.28~~

✓ B24543

7.68 8.18 7.88 8.03 15 15
~~7.78 8.28 7.98 8.13 15 15~~
7.88 8.18
~~7.98~~ r 3 b ~~8.28~~

✓ B24796

7.68 8.08 7.98 8.03 05 05
~~7.78 8.18 8.08 8.13 05 05~~
7.98 8.18
~~8.08~~ r 2 b ~~8.28~~

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1902phae.proj..713B

April 10 1902.

Same (cont.)

B18142

✓ 7.68 7.78 7.98 8.08 — a 3r — r 2f — 7.98 7.98 = 7.98 00 00 — 8.08 8.08 = 8.08 00 00 — 8.18 — 8.28

B18012

✓ 7.68 7.78 7.98 8.08 — a 4r — r 2f — 8.08 7.98 = 8.03 05 05 — 8.18 8.08 = 8.13 05 05 — 8.18 — 8.28

B17685

✓ 7.68 7.78 7.98 8.08 — a 4r — r 2f — 8.08 7.98 = 8.03 05 05 — 8.18 8.08 = 8.13 05 05 — 8.18 — 8.28

B17166

✓ 7.68 7.78 — a 4r — f f — 8.08 — 8.18

B15256

✓ 7.68 7.78 7.98 8.08 — a 4r — r 2f — 8.08 7.98 = 8.03 05 05 — 8.18 8.08 = 8.13 05 05 — 8.18 — 8.28

B14906

✓ 8.18 8.28 8.33 8.43 — f 2r — r 2c — 8.38 8.33 = 8.36 02 03 — 8.48 8.43 = 8.46 02 03 — 8.53 — 8.63

B10555

✓ 8.18 8.28 8.23 8.33 — f 2r — r 3c — 8.38 8.23 8.30 08 07 — 8.48 8.39 = 8.40 08 07 — 8.53 — 8.63

B10901

✓ 7.68 7.78 7.88 7.98 — a 5r — r 3f — 8.18 8.28 — 7.88 = 8.03 15 15 — 7.98 8.13 15 15 — 8.18 — 8.28

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1902phae.proj...713B

April 10 1902.

Same cont.

✓ B4342

7.68 7.78 7.98 8.08 — a 3 r — 7.98 8.08 — r 2 b — 8.18 8.28 — 7.98 = 7.98 — 8.08 = 8.08 — 00 00 — 00 00

✓ B4639

7.68 7.78 7.88 7.98 — a 5 r — 8.18 8.28 — r 3 b — 8.18 8.28 — 7.88 = 8.03 — 7.98 = 8.13 — 15 15 — 15 —

✓ B26574

8.18 8.28 8.33 8.43 — b 3 r — 8.48 8.58 — r 2 c — 8.53 8.63 — 8.33 = 8.40 — 8.43 = 8.50 — 08 07 — 08 07

✓ B22631

7.68 7.78 7.98 8.08 — a 3 r — 7.98 8.08 — r 2 b — 8.18 8.28 — 7.98 = 7.98 — 8.08 = 8.08 — 00 00 — 00 00

✓ B24954

7.68 7.78 8.08 8.18 — a 2 r — 7.88 7.98 — r 1 b — 8.08 8.18 — 7.88 8.08 = 7.98 — 8.08 = 8.18 — 10 10 — 10 10

✓ B10522

7.68 7.78 8.08 8.18 — a 4 r — 8.08 8.18 — r 1 b — 8.18 8.28 — 8.08 = 8.08 — 8.18 = 8.18 — 00 00 — 00 00

✓ B14932

7.68 7.78 7.98 8.08 — a 4 r — 8.08 8.18 — r 2 b — 8.18 8.28 — 7.98 = 8.03 — 8.08 = 8.13 — 05 05 — 05 05

✓ B22373

7.68 7.78 7.98 8.08 — a 4 r — 8.08 8.18 — r 2 b — 8.18 8.28 — 7.98 = 8.03 — 8.08 = 8.13 — 05 05 — 05 05

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1902phae.proj..713B

April 10, 1902.

B20597 Same (cont.)

✓ 7.68 7.78 8.08 8.18

a 3 r 7.98 8.08 = 8.03 05 05
r 1 b 8.18 8.28

B26909

✓ 8.18 8.28 8.23 8.33

b 2 r 8.38 8.48 8.33 = 8.40 08 07
r 3 c 8.53 8.63

B4630

✓ 7.68 7.78 8.08 8.18

a 3 r 7.98 8.08 = 8.03 05 05
r 1 b 8.18 8.28

B7459

✓ 7.68 7.78 7.98 8.08

a 3 r 7.98 8.08 = 8.08 00 00
r 2 b 8.18 8.28

B7054

✓ 7.68 7.78 7.98 8.08

a 3 r 7.98 8.08 = 8.08 00 00
r 2 b 8.18 8.28

B14778

✓ 7.68 7.78 8.08 8.18

a 3 r 7.98 8.08 = 8.03 05 05
r 1 b 8.18 8.28

B20910

✓ 7.68 7.78 7.98 8.08

a 4 r 8.08 8.18 7.98 = 8.03 05 05
r 2 b 8.18 8.28

✓ B7176

Ursae

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1902phae.proj..713B

Same eout.

✓ B8980 Sfx.
8.18 8.28 8.13 8.28
b 2 r 8.38 8.13 = 8.26 12 13
8.5-3
r 4 c 8.63

✓ B8972 Sfx.
Too near edge

✓ B 5-825- Sfx.
Too near corner.

✓ B7189
Too near corner

✓ B 4780 Sfx.
Poor plate

✓ B4464 Sfx.
Poor in neg. of rat.

✓ B12662 Sfx.
8.18 8.28 8.23 8.33
b 2 r 8.38 8.23 = 8.30 08 07
8.48 8.33 = 8.40 08 07
r 3 c 8.63 8.5-3

✓ B18386 Sfx.
8.18 8.28 8.23 8.28
b 2 r 8.38 8.23 = 8.30 08 07
8.48 8.33 = 8.40 08 07
8.5-3
r 3 c 8.63

✓ B18926 Sfx.
8.18 8.28 8.13 8.23
b 4 r 8.5-8 8.13 = 8.36 22 23
8.68 8.23 = 8.46 22 23
r 4 c 8.63 8.5-3

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1902phae.proj..713B

April 10, 1902

Same conds.

✓ B 2067 g Sp.

~~8.18 8.28 8.33 8.43~~ b 3 r ~~8.58 8.43 = 8.50 08 08~~ 07 7

r 2 c ~~8.63~~ 8.53

✓ B 9032 Sp.

Too near comm

✓ B 9044 Sp.

~~8.18 8.28 8.33 8.43~~ b 4 r ~~8.68 8.43 = 8.56 12 13~~

r 2 c ~~8.63~~ 8.53

✓ B 9083 Sp.

~~8.18 8.28 8.33 8.33~~ b 3 r ~~8.48 8.23 = 8.36 12 13~~

r 3 c ~~8.63~~ 8.53

✓ B 9106 Sp.

Poor plate

B 15072

✓ ~~7.68 7.78 7.98 8.08~~ a 4 r ~~8.18 8.08 = 8.13 05 05~~

r 2 b ~~8.28~~ 8.18

✓ A 4946

~~7.68 7.78 8.08 8.18~~ a 3 r ~~8.08 8.18 = 8.13 05 05~~

r 1 b ~~8.28~~ 8.18

✓ A 4254

~~7.68 7.78 7.98 8.08~~ a 3 r ~~8.08 8.08 = 8.08 00 00~~

r 2 b ~~8.28~~ 8.18

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1902phae.proj...713B

April 10, 1902

A 3002 Same cont

7.68 7.78 7.98 8.08 — a 3 r — 7.98 8.08 = 8.08 — 00 00

7.98 8.08 — r 2 f — 8.18 8.28

B 28791

7.68 7.78 7.98 8.08 — a 3 r — 7.98 8.08 = 8.08 — 00 00

7.98 8.08 — r 2 f — 8.18 8.28

B 2465-8

7.68 7.78 8.08 8.18 — a 3 r — 7.98 8.08 = 8.03 — 05 05

8.08 8.18 — r 1 f — 8.18 8.28

B 7053

7.68 7.78 8.08 8.18 — a 3 r — 7.98 8.08 = 8.03 — 05 05

8.08 8.18 — r 1 f — 8.18 8.28

B 17932

7.68 7.78 8.08 8.18 — a 3 r — 7.98 8.08 = 8.03 — 05 05

8.08 8.18 — r 1 f — 8.18 8.28

B 24473 Sp.

8.18 8.28 — f 1 r — 8.28 8.38 8.53 = 8.46 — 08 07

8.13 8.23 — r 4 v — 8.53 8.63

B 22211

8.18 8.28 8.43 8.53 — f 1 r — 8.28 8.38 8.53 = 8.46 — 08 07

8.43 8.53 — r 1 c — 8.53 8.63

B 10521

8.18 8.28 8.43 8.53 — f 1 r — 8.28 8.38 8.43 = 8.40 — 02 03

8.13 8.43 — r 2 v — 8.53 8.63

B 18108

8.28 8.13 = 8.26 — 02 03 — 8.18 8.28 — f 1 r — 8.23 8.33 = 8.28 — 02 03 — 8.23 8.33

8.23 — r 3 c — 8.53 8.63

B 12710

8.28 8.23 = 8.26 — 02 03 — 7.88 8.08 — a 2 r — 8.38 8.33 = 8.36 — 02 03 — 8.08 8.18

8.08 — r 1 f — 8.28 8.18

B 20334 Sp.

8.28 — f 1 r — 8.28 8.23 = 8.30 — 08 07

8.23 — r 4 c — 8.63

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1902phae.proj..713B

April 12, 1902.

A.D.C. 4042 (late plates.)

✓ B28986

8.00 C 2 r 8.20 8.05 = 8.12 08 07
8.05 r 2 d C 8.20

✓ B28940

8.00 C 1 r 8.10 8.05 = 8.08 02 03
8.05 r 2 d C 8.25

~~B28888~~ .

✓ B28812

8.00 C 1 r 8.10 8.05 = 8.08 02 03
8.05 r 2 d C 8.25

✓ B28 ~~760~~ 345

8.00 C 2 r 8.20 8.15 = 8.18 02 03
8.15 r 1 d C 8.25

✓ B28230

Surface

✓ B25941

8.37 d ~~1~~ 3 r 2 8.67 8.32 = 8.50 17 18
8.32 r 2 2 8.52

B26037 8.37 d

~~C 2 r~~ 1 2 r 2 8.57 8.42 = 8.50 07 08
~~C 1 d~~ r 1 d 2 8.52
8.42

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1902phae.proj..713B

April 12, 1902

Same cont.

✓ B26188

8.25⁻ 2d 2r 8.45⁻ 8.17 = 8.31 14 14

8.17 r 2 d 8.37

✓ B26044

8.00 4r 8.40 8.05⁻ = 8.22 18 17

8.05⁻ r 2 d 8.25⁻

✓ B26081

8.00 2r 8.20 8.15⁻ = 8.18 02 03

8.15⁻ r 1 d 8.25⁻

✓ B26271

8.00 2r 8.20 8.15⁻ = 8.18 02 03

8.15⁻ r 1 d 8.25⁻

✓ B26282

8.25⁻ 1r 8.35⁻ 8.17 = 8.26 09 09

8.17 r 2 d 8.37

✓ B26292

8.00 2r 8.20 8.05⁻ = 8.12 08 07

8.05⁻ r 2 d 8.25⁻

✓ B26334

8.25⁻ 2r 8.45⁻ 8.27 = 8.36 09 09

8.27 r 1 d 8.37

✓ B25902

Too near edge.

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1902phae.proj..713B

April 12, 1902

B25901

✓ 8.00 ☆2r 8.20 8.15 = 8.18 02 03
8.15 r1 & c 8.25

✓ B28701

8.52 ☆2r 8.72 8.64 = 8.68 04 04
8.64 r2f 8.84

✓ B28760

Too much edge of pl.

✓ B28888

8.00 ☆2r 8.20 8.05 = 8.12 08 07
8.05 r2 & c 8.25

Var. 19h 41m 2 −50° 19′ Late plates.

May 6, 1902

✓ B27940

Too much edge of pl.

✓ B27640

12.77 l 1r 12.87
R

✓ B27529

12.22 q2, Ir 12.42

✓ B27521

12.44 R1, Ir 12.54

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1902phae.proj..713B

May 6, 1902.

Var 19th cont

✓ B27415
10.56 h2, st 10.76

✓ B27414
12.62 Str 12.72
st

✓ B27383
Surface

✓ B28311
12.02 fp. st 12.12

✓ B28181
12.44 R, st 12.54

✓ B28206
Surface

✓ B28207
Surface

✓ B28258
12.22 q 8 r ? 12.52
r.n.s

✓ B28241
Too near edge of pl

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1902phae.proj..713B

May 6, 1902.

Var. 19h cont.

✓ 27449
B28630
12.02 pl, sh 12.12

✓ B27704
Surface

✓ B27932
12.02 p 2r 12.22
q sh?

✓ B27922
12.14 r2, sh 12.64

✓ A4762
12.77 b 3r 13.07

✓ A5688
12.77 b 3r 13.07
R

✓ A5660
Too near corner

✓ A5661
Too near corner

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1902phae.proj..713B

May 12, 1902.

V 2. DM −4° 3199

h m
11 57.3 −4° 5′8 (1855·)
Comp. plate on B18807

✓ B27467

8.41 g 1 r 8.51 8.43 = 8.47 04 04
8.43 r 2 h 8.63

✓ l 28139

8.11 f 1 r 8.21 8.31 = 8.26 05 05
8.31 r 1 g 8.41

✓ B27776

8.11 f 1 r 8.21 8.21 = 8.21 00 00
8.21 r 2 g 8.41

✓ l 27047

8.11 f 2 r 8.31 8.31 = 8.31 00 00
8.31 r 1 g 8.41

✓ B 27470

7.71 e 1 r 7.81 7.91 = 7.86 05 05
7.91 r 2 f 8.11

✓ l 26966

8.11 f 2 r 8.31 8.21 = 8.26 05 05
8.21 r 2 g 8.41

✓ B 27256

7.83 d 2 r 7.53 7.61 = 7.57 04 04
7.61 r 1 e 7.71

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1902phae.proj..713B

May 12, 1902

l^2 cont.

B 27214

✓ 7.71 e 1r 7.81 8.01 = 7.91 10 10
8.01 r 1 f 8.11

8

B 27139

✓ 8.11 f 2r 8.31 8.11 = 8.21 10 10
8.11 r 3g 8.41

l 26843

✓ 7.71 e 1r 7.81 7.91 = 7.86 05 05
7.91 r 2 f 8.11

l 26543

✓ 7.71 e 2r 7.91 8.01 = 7.96 05 05
8.01 r 1 f 8.11

l 26419

✓ 7.33 d 2r 7.53 7.61 = 7.57 04 04
7.61 r 1 e 7.71

l 26376 Sp.

✓ 8.11 f 1r 8.21 8.11 = 8.16 05 05
8.11 r 3g 8.41

B 25-732 Sp.

✓ 8.11 f 1r 8.21 8.31 = 8.26 05 05
8.31 r 1g 8.41

✓ B 25-620

7.71 e 1r 7.81 7.91 = 7.86 05 05
7.91 r 2 f 8.11

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1902phae.proj..713B

May 12, 1902.

Q² cont.

✓ B25601

7.71 e1r 7.81 7.81 = 7.81 00 00
7.81 r3f 8.11

✓ Q25-45-3

8.11 f2r 8.31 8.11 = 8.21 10 10
8.11 r3g 8.41

✓ B25413

8.11 f1r 8.21 8.11 = 8.16 05 05
8.11 r3g 8.41

✓ B25410

8.11 f2r 8.31 8.31 = 8.31 00 00
8.31 r1g 8.41

✓ B25287

7.71 e2r 7.91 8.01 = 7.96 05 05
8.01 r1f 8.11

✓ Q25-089

7.71 e1r 7.81 7.81 = 7.81 00 00
7.81 r3f 8.11

✓ B24977

8.11 f1r 8.21 8.11 = 8.16 05 05
8.11 r3g 8.41

✓ Q25-018

8.11 f1r 8.21 8.31 = 8.26 05 05
8.31 2 1g 8.41

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1902phae.proj..713B

May 12, 1902.

l^2 cont.

✓ l 24978 Sp.

8.11 f 8r 8.41 8.21 = 8.31 10 10
8.21 r 2g 8.41

✓ l 24770

8.11 f 1r 8.21 8.21 = 8.21 00 00
8.21 r 2g 8.41

✓ l 24746

8.11 f 1r 8.21 8.21 = 8.21 00 00
8.21 r 2g 8.41

✓ l 24702

8.11 f 1r 8.21 8.31 = 8.26 05 05
8.31 r 1g 8.41

✓ l 24668

7.71 l 1r 7.81 7.81 = 7.81 00 00
7.81 r 3f 8.11

✓ B 24773

8.11 f 1r 8.21 8.21 = 8.21 00 00
8.21 r 2g 8.41

✓ B 24750 Sp.

Near edge of pl

✓ l 24586

7.71 l 1r 7.81 8.01 = 7.91 10 10
8.01 r 1f 8.11

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1902phae.proj..713B

May 12, 1902.

Q^2 cont.

✓ B 23262

7.71 e 1r 7.81 8.01 = 7.91 10 10
8.01 r 1f 8.11

✓ l 22905

8.11 f 2r 8.31 8.31 = 8.31 00 00
8.31 r 1g 8.41

✓ B 21368 fp.
Too near edge of pl.

✓ l 22699

7.71 e 1r 7.81 8.01 = 7.91 10 10
8.01 r 1f 8.11

✓ B 22438

7.71 e 1r 7.81 7.91 = 7.86 05 05
7.91 r 2f 8.11

✓ l 22374

8.11 f 2r 8.31 8.21 = 8.26 05 05
8.21 r 2g 8.41

✓ l 22364

8.11 f 2r 8.31 8.21 = 8.26 05 05
8.21 r 2g 8.41

✓ l 22107

7.71 e 3r 8.01 7.81 = 7.91 10 10
7.81 r 2f 8.11

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1902phae.proj..713B

May 12, 1902.

Q² cont.

✓ B 21845

7.71 — 2r 7.91 8.01 = 7.96 05 05
8.01 — 1f 8.11

✓ B 21837 Sp.

8.11 — 2r 8.31 8.31 = 8.31 00 00
8.31 — 1g 8.41

✓ B 21799

7.33 — 2r 7.53 7.61 = 7.57 04 04
7.61 — 1l 7.71

✓ Q 20856

8.11 — 1r 8.21 8.21 = 8.21 00 00
8.21 — 2g 8.41

✓ B 21468

7.33 — 2r 7.53 7.61 = 7.57 04 04
7.61 — 1l 7.71

✓ Q 20804

8.11 — 1r 8.21 8.21 = 8.21 00 00
8.21 — 2g 8.41

✓ Q 20746

7.71 — 2r 7.91 8.01 = 7.96 05 05
8.01 — 1f 8.11

✓ Q 20708

8.11 — 1r 8.21 8.21 = 8.21 00 00
8.21 — 2g 8.41

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1902phae..proj..713B

May 12, 1902.

Q^2 cont.

✓ Q 20582

7.71 e 2r 7.91 8.01 = 7.96 05 05
8.01 r 1f 8.11

✓ Q 20516 fpr.

8.11 f 3r 8.41 8.21 = 8.31 10 10
8.21 r 2g 8.41

✓ Q 20164

8.11 f 1r 8.21 8.21 = 8.21 00 00
8.21 r 2g 8.41

✓ B 18245

8.11 f 2r 8.31 8.21 = 8.26 05 05
8.21 r 2g 8.41

✓ Q 1211

Too narrow edge of pl.

✓ a 8759

7.71 e 2r 7.91 7.81 = 7.86 05 05
7.81 r 3f 8.11

✓ a 4463

7.71 e 2r 7.91
f ?

a 518

Pl trailed

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1902phae.proj..713B

May 13, 1902.

2h 199

Estimates of Susp. Var. for Mrs. F. with comp. preceding and South.

B 12316
r? 5 Comp.

B 20105
r? 6 Comp.

B 16925
r? 5 Comp.

B 5756
r? 6 Comp.

B 12320
r? 6 Comp.

B 5757
r? 6 Comp.

B 12313
r? 6 Comp.

B 21901
r? 6 Comp.

B 22346
r? 6 Comp.

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1902phae.proj..713B

May 13, 1902

B 2395-0

no. 6 comp.

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1902phae.proj..713B

May 21, 1902.

Q' D.M. -5° 3424

h m ° ′
12 2.1 −6 12 (1900)

Comp. stars on B 18807

✓ B 18807

8.11 8.63 8.31 8.81 — 8.31 8.81 — 8.81 8.41 — 9.01 — 8.31 8.81 = 8.31 00 00 — 8.73 8.81 = 8.77 04 04

✓ B 18807 Sp.

7.33 7.51 — 7.63 7.51 = 7.57 06 06

✓ B 13620

7.33 7.61 — 7.53 7.61 = 7.57 04 04

✓ B 13566

7.33 7.61 — 7.53 7.61 = 7.57 04 04

✓ B 13418 Sp.

7.71 7.81 — 7.81 7.81 = 7.81 00 00

✓ B 13410 Sp.

7.33 7.61 — 7.63 7.61 = 7.62 01 01

✓ B 13362 Sp

7.71 7.91 — 7.91 7.91 = 7.91 00 00

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1902phae.proj..713B

May 21, 1902.

Q' cont.

✓ B13291.

7.71 l 2 r 7.91 7.91 = 7.91 00 00
7.91 r 2 f 8.11

✓ B13288

6.91 c 2 r 7.11 7.13 = 7.12 01 01
7.13 r 2 d 7.33

✓ Q 12869 5 20 Sp
Formasomu

✓ Q 12503

7.33 d 2 r 7.53 7.51 = 7.52 01 01
7.51 r 2 l 7.71

✓ Q 10486

7.33 d 2 r 7.53 7.61 = 7.57 04 04
7.61 r 1 l 7.71

✓ Q 10622

8.11 f 1 r 8.21 8.21 = 8.21 00 00
8.21 r 2 g 8.41

✓ B10839 Sp.

7.71 e 1 r 7.81 7.91 = 7.86 05 05
7.91 r 2 f 8.11

✓ B11017 Sp.

7.33 d 2 r 7.53 7.51 = 7.52 01 01
7.51 r 2 l 7.71

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1902phae.proj..713B

May 21, 1902.

Q Cent

✓ B11018 Sp.

7.33	d 2 r	7.53	7.61 = 7.57 =	04	04
7.61	r 1 v	7.71			

✓ B11052

8.11	f 1 r	8.21	8.21 = 8.21	00	00
8.21	b 2 g	8.41			

✓ B11091

7.33	d 1 r	7.43	7.61 = 7.52	09	09
7.61	r 1 v	7.71			

✓ B11224 Sp.

7.33	d 3 r ~~74~~	7.63	7.51 = 7.57	06	06
7.57	r 2 v	7.71			

✓ 9499

8.11	f 1 r	8.21	8.21 = 8.21	00	00
8.21	b 2 g	8.41			

✓ 9498

8.11	f 1 r	8.21	8.31 = 8.26	05	05
8.31	b 1 g	8.41			

✓ Q8429

8.11	f 1 r	8.21	8.21 = 8.21	00	00
8.21	b 2 g	8.41			

✓ Q8416

8.11	f 1 r	8.21	8.31 = 8.26	05	05
8.31	b 1 g	8.41			

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1902phae.proj..713B

May 21, 1902.

9' cont.

✓ Bg133

8.11 f 1r 8.21 8.31 = 8.26 05 05
8.31 r 1g 8.41

✓ l8401

8.11 f 2r 8.31 8.11 = 8.21 10 10
8.11 r 3g 8.41

l8383

✓ 8.11 f 2r 8.31 8.31 = 8.31 00 00
8.31 r 1g 8.41

✓ l6277

7.71 f 1r 7.81 8.01 = 7.91 10 10
8.01 r 1f 8.11

Swindge. l6179

✓ 8.11 f 1r 8.21 8.11 = 8.16 05 05
8.11 r 3g 8.41

✓ l6163

8.11 f 1r 8.21 8.21 = 8.21 00 00
8.21 r 2g 8.41

✓ l6146

8.11 f 1r 8.21 8.01 = 8.11 10 10
8.01 r 4g 8.41

✓ l5988

8.11 f 1r 8.21 8.21 = 8.21 00 00
8.21 r 2g 8.41

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1902phae.proj...713B

May 21, 1902.

Q'

6450 Spr.
Too near edge of film

6034

7.71 e2r 7.91 8.01 = 7.96 05 05
8.01 r-1f 8.11

✓ l 3572

8.11 f1r 8.21 8.11 = 8.16 05 05
8.11 r-3g 8.41

l 3483

✓ 8.11 f1r 8.21 8.31 = 8.26 05 05
8.31 r-1g 8.41

✓ l 3219 Spr.

7.71 e2r 7.91 7.91 = 7.91 00 00
7.91 r-2f 8.11

✓ l 2481 Spr.

8.11 f1r 8.21 8.11 = 8.16 05 05
8.11 r-2g 8.41

✓ l 1211
Poor

✓ l 390

8.11 f3r 8.41 8.21 = 8.31 10 10
8.21 r-2g 8.41

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1902phae.proj..713B

May 21, 1902.

V'

✓ B496

6.91 f 2 r 7.11 7.13 = 7.12 01 01
7.13 r 2 d 7.33

✓ B1263

8.11 f 1 r 8.21 8.21 = 8.21 00 00
8.21 r 2 g 8.41

✓ B1370

7.71 d 1 r 7.81 8.01 = 7.91 10 10
8.01 r 1 f 8.11

✓ d-956
Too near edge of film

✓ d6012
Too near edge of film

✓ d5914
Too near edge of film

✓ d5777
Too near edge of film

Pl. constant B27467

✓ 8.11 f 2 r 8.31 8.11 = 8.21 10 10
8.11 r 3 g 8.41

9045 Spr

8.11 f 2 r 8.41
g 3 r

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1902phae.proj..713B

May 21, 1902.

O'

2374 Spr.

Poor pl

✓ 6033

8.11 f 2 r 8.31 8.11 = 8.21 10 10

8.11 b 3 g 8.41

✓ B18548

8.11 f 2 r 8.31 8.31 = 8.31 00 00

8.31 r 1 g 8.41

B18561 Spr.

✓ 8.11 f 3 r 8.41

g st

✓ B18580

8.11 f 2 r 8.31 8.21 = 8.26 05 05

8.21 b 2 g 8.41

✓ B18292

8.11 f 3 r 8.41 8.31 = 8.36 05 05

8.31 b 1 g 8.41

✓ B18283

8.11 f 3 r 8.41 8.31 = 8.36 05 05

8.31 b 1 g 8.41

✓ B1824~~5~~4

8.11 f 3 r 8.41 8.31 = 8.36 05 05

8.31 b 1 g 8.41

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1902phae..proj..713B

May 21, 1902.

V'

✓ B16932

8.11 f 3r 8.41 8.21 = 8.31 10 10
8.21 r 2g 8.41

✓ B16769

8.11 f 2r 8.31 8.21 = 8.26 05 05
8.21 r 2g 8.41

✓ B16531

8.11 f 2r 8.31 8.01 = 8.16 15 15
8.01 r 4g 8.41

✓ B16474

8.11 f 1r 8.21 8.21 = 8.21 00 00
8.21 r 2g 8.41

✓ B16124

8.11 f 3r 8.41 8.11 = 8.26 15 15
8.11 r 2g 8.41

✓ B16077

8.11 f 2r 8.31 8.21 = 8.26 05 05
8.21 r 2g 8.41

✓ B16045

8.11 f 2r 8.31 8.21 = 8.26 05 05
8.21 r 2g 8.41

✓ B15977

7.71 f 1r 7.81 7.91 = 7.86 05 05
7.91 r 2f 8.11

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1902phae.proj..713B

May 21, 1902

r'

✓ B15964

8.11 f 2r 8.31 8.21 = 8.26 05 05

8.21 r 2g 8.41

✓ B15919

8.11 f 2r 8.31 8.31 = 8.31 00 00

8.31 r 1g 8.41

✓ B15845

8.11 f 3r 8.41 8.11 = 8.26 15 15

8.11 r 3g 8.41

✓ B15723

8.11 f 2r 8.31 8.11 = 8.21 10 10

8.11 r 3g 8.41

✓ B15678

8.11 f 2r 8.31 8.21 = 8.26 05 05

8.21 r 2g 8.41

✓ L14355

Too near edge of film

✓ L14503

8.11 f 2r 8.31 8.11 = 8.21 10 10

8.11 r 3g 8.41

✓ L14544

7.71 2r 7.81 8.01 = 7.90 09 09

8.01 r 1f 8.11

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1902phae.proj..713B

May 21, 1902.

Q'

✓ Q 14945⁻

8.11 f 2 r 8.31 8.11 = 8.21 10 10

8.11 r 3 g 8.41

✓ Q 15⁻028

8.11 f 2 r 8.32 8.11 = 8.22 10 11

8.11 r 3 g 8.41

✓ B 19744

8.11 f 3 r 8.41 8.31 = 8.36 05⁻ 05⁻

8.31 r 1 g 8.41

✓ B 19709

8.11 f 2 r 8.31 8.21 = 8.26 05⁻ 05⁻

8.21 r 2 g 8.41

✓ Q 18285⁻

8.11 f 2 r 8.31 8.11 = 8.21 10 10

8.11 r 3 g 8.41

✓ Q 18213

8.11 f 2 r 8.31 8.11 = 8.21 10 10

8.11 r 3 g 8.41

✓ B 19758 Sp.

8.11 f 3 r 8.41 8.11 = 8.26 15⁻ 15⁻

8.11 r 3 g 8.41

✓ B 19132

7.71 f 1 r 7.81 8.01 = 7.91 10 10

8.01 r 1 g 8.11

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1902phae.proj..713B

May 21, 1902.

R' cont

✓ L 18016

8.11 1 2 r 8.31 8.21 = 8.26 05 05

8.21 2 g 8.41

✓ L 18014

8.11 1 2 r 8.41 8.31 = 8.36 05 05

8.31 2 g 8.41

✓ L 18010

8.11 1 3 r 8.41 8.21 = 8.31 10 10

8.21 2 g 8.41

✓ B 18672

8.11 1 3 r 8.41 8.31 = 8.36 05 05

8.31 2 g 8.41

✓ L 17560

8.11 1 3 r 8.41 8.21 = 8.31 10 10

8.21 2 g 8.41

✓ L 17158

8.41 1 2 r 8.51 8.43 = 8.47 04 04

8.43 2 h 8.63

✓ L 17161

Too near comm of 16

✓ B 18403

8.11 1 2 r 8.31 8.21 = 8.26 05 05

8.21 2 g 8.41

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1902phae.proj..713B

May 21, 1902.

Q' cont.

✓ B18471

8.11 f 2 r 8.31 8.21 = 8.26 05 05

8.21 r 2 g 8.41

✓ l18130

8.11 f 3 r 8.41 8.21 = 8.31 10 10

8.21 r 2 g 8.41

✓ l27047

8.11 f 3 r 8.41 8.21 = 8.31 10 10

8.21 r 2 g 8.41

✓ B27776

8.11 f 2 r 8.31 8.11 = 8.21 10 10

8.11 r 3 g 8.41

✓ l28139

8.11 f 2 r 8.31 8.21 = 8.26 05 05

8.21 r 2 g 8.41

B25-691

✓ 8.11 f 2 r 8.31 8.21 = 8.26 05 05

8.21 r 2 g 8.41

✓ B25-620

8.11 f 3 r 8.41 8.11 = 8.26 15 15

8.11 r 3 g 8.41

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1902phae.proj..713B

May 21, 1902.

Q

B25-732 Sp.

8.11 f 1r 8.21 8.11 = 8.16 05- 05-
8.11 b 3g 8.41

l 26376 Sp.
Pl. trailed

l 26419

8.11 f 2r 8.31 8.21 = 8.26 05- 05-
8.21 b 2g 8.41

l 26543

8.11 f 3r 8.41 8.11 = 8.26 15- 15-
8.11 b 3g 8.41

l 26843

8.11 f 3r 8.41 8.11 = 8.26 15- 15-
8.11 b 3g 8.41

B 27139

8.11 f 3r 8.41 8.11 = 8.26 15- 15-
8.11 b 3g 8.41

B 27214

8.11 f 2r 8.31 8.21 = 8.26 05- 05-
8.21 b 2g 8.41

B 27256

8.11 f 3r 8.41 8.11 = 8.26 15- 15-
8.11 b 3g 8.41

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1902phae.proj...713B

May 21, 1902.

Q

✓ Q26966

7.71 e 2 r 7.91 8.01 = 7.96 05 05
8.01 r 1 f 8.11

✓ B27470

7.71 e 1 r 7.81 7.91 = 7.86 05 05
7.91 r 2 f 8.11

✓ Q24668

8.11 f 1 r 8.21 8.21 = 8.21 00 00
8.21 r 2 g 8.41

✓ Q24702

8.11 f 2 r 8.31 8.11 = 8.21 10 10
8.11 r 3 g 8.41

✓ Q24746

8.11 f 2 r 8.31 8.21 = 8.26 05 05
8.21 r 2 g 8.41

✓ Q24770

7.71 e 1 r 7.81 7.91 = 7.86 05 05
7.91 r 2 f 8.11

Q24978 Sp.

✓

7.71 e 2 r 7.91 8.01 = 7.96 05 05
8.01 r 1 f 8.11

✓ Q25018

8.11 f 2 r 8.31 8.21 = 8.26 05 05
8.21 r 2 g 8.41

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1902phae.proj..713B

May 21, 1902.

9 h

✓ B24977

8.11 f 2r 8.31 8.11 = 8.21 10 10

8.11 b 3g 8.41

✓ Q 23089

8.11 f 3r 8.41 8.11 = 8.26 15⁻ 15⁻

8.11 b 3g 8.41

Pl damaged B 25287

✓ 8.11 f 2r 8.31 8.21 = 8.26 05⁻ 05⁻

8.21 b 2g 8.41

✓ B25416

8.11 f 3r 8.41 8.21 = 8.31 10 10

8.21 b 2g 8.41

✓ B25413

8.11 f 3r 8.41 8.21 = 8.31 10 10

8.21 b 2g 8.41

✓ Q 25453

8.11 f 3r 8.41 8.11 = 8.26 15⁻ 15⁻

8.11 b 3g 8.41

✓ Q 22364

8.11 f 3r 8.41 8.11 = 8.26 15⁻ 15⁻

8.11 b 3g 8.41

✓ Q 22374

8.11 f 1r 8.21 8.11 = 8.16 05⁻ 05⁻

8.11 b 3g 8.41

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1902phae..proj..713B

May 21, 1902.

V

B22438 ♀ VI

8.11 f 1r 8.21 8.11 = 8.16 05⁻ 05⁻
8.11 r 3g 8.41

I

Q22699

8.11 f 3r 8.41 8.11 = 8.26 15⁻ 15⁻
8.11 r 3g 8.41

~~B21368 Spl.~~

✓

Q22905

8.11 f 2r 8.31 8.11 = 8.21 10 10
8.11 r 3g 8.41

B23262

✓

7.71 l 2r 7.91 8.01 = 7.96 05⁻ 05⁻
8.01 r 1f 8.11

Q24586

✓

7.71 l 2r 7.91 7.91 = 7.91 00 00
7.91 r 2f 8.11

✓

B24750 Spl.
Too much edge of film

✓

B24773

7.71 l 2r 7.91 7.81 = 7.86 05⁻ 05⁻
7.81 r 3f 8.11

✓

B18245⁻

8.11 f 2r 8.31 8.21 = 8.26 05⁻ 05⁻
8.21 r 2g 8.41

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1902phae.proj..713B

May 22 1902

O' Cost

✓ l20164

7.71	e2r	7.91	8.01 = 7.96	05	05
8.01	o1f	8.11			

✓ l20516 Sp.

8.11	f1r	8.21	8.11 = 8.16	05	05
8.11	o2g	8.41			

✓ l20582

8.11	f1r	8.21	8.21 = 8.21	00	00
8.21	o2g	8.41			

✓ l20708

7.71	e1r	7.81	7.91 = 7.86	05	05
7.91	o2f	8.11			

✓ l20746

8.11	f1r	8.21	8.21 = 8.21	00	00
8.21	o2g	8.41			

✓ l20804

8.11	f1r	8.21	8.21 = 8.21	00	00
8.21	o2g	8.41			

✓ B21468

8.11	f2r	8.31	8.21 = 8.26	05	05
8.21	o2g	8.41			

✓ l20856

8.11	f2r	8.31	8.21 = 8.26	05	05
8.21	o2g	8.41			

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1902phae.proj..713B

May 22, 1902.

Q' cont

✓ B21799

8.11 f2 r 8.31 8.21 = 8.26 05 05
8.21 r 29 8.41

✓ B21837 Sp.

7.71 l3 r 8.01 8.01 = 8.01 00 00
8.01 r 17 8.11

✓ B21845

8.11 f1 r 8.21 8.21 = 8.21 00 00
8.21 r 29 8.41

✓ L22107

7.71 l2 r 7.91 7.91 = 7.91 00 00
7.91 r 27 8.11

✓ A5-18

Pl trailed

✓ A3759

7.71 l1 r 7.81 ~~8.91~~ 8.91 = ~~8.86~~ 7.86 05 05
~~8.91~~ r 27 8.11

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1902phae.proj..713B

May 27, 1902.

T Leporis late plates.

B28763
B28897

8.04 c 3 r 8.34
d R

B28775

8.04 c 2 r 8.24 8.39 = 8.32 08 07
8.39 r 1 d 8.49

B28908

9.37 f 2 r 9.57 9.72 = 9.64 07 08
9.72 r 1 g 9.82

S Sculptoris late plates.

✓ B28590
Too near corner.

✓ B28556
Surface

✓ B28547
Surface

✓ B28445

9.02 f 2 r 9.22 9.50 = 9.36 14 14
9.50 r 2 g 9.70

✓ B28411

9.02 f 1 r 9.12 9.40 = 9.26 14 14
9.40 r 3 g 9.70

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1902phae.proj..713B

May 27, 1902.

S. Sculptor cont.

✓ B28369

9.02 f 1r 9.12 9.50 = 9.31 19 19
9.50 r 2g 9.70

✓ B28127

T on near edge of pl.

✓ B28095-8

10.70 f 2r 10.90 11.03 = 10.96 06 07
11.03 r 1 l 11.13

✓ B27603

T on near edge of pl

B27771

Pl. trailed.

R Gaeli late plates

✓ B28709 ✓ B29035

8.88 d 2r 9.08 9.26 = 9.17 09 09 11.13 g 2r 11.33 11.75 = 11.5-4 21 21
9.26 r 2 l 9.46 11.75 r 2 l 11.95

✓ B28775 ~~B29122~~

9.46 e 2r 9.66 10.01 = 9.88 ~~12~~ 4 18 17
10.01 r 2 f 10.21

✓ B28995

11.13 g 1r 11.23 11.75 = 11.49 26 26
11.75 r 2 l 11.95

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1902phae.proj..713B

May 27, 1902

R Piscium

B28778

7.77 b 1 r 7.87 7.87 = 7.87 00 00
7.87 r 1 c 7.97

Star edge

B28766

7.97 c 2 r 8.07 8.05 = 8.06 01 01
8.05 r 2 d 8.25

B28708

8.25 d 2 r 8.45 8.35 = 8.40 05 05
8.35 r 2 e 8.55

B28904

7.78 b 1 r 7.87 7.77 = 7.82 05 05
7.77 r 2 c 7.97

B28994

7.77 b 2 r 7.97 7.87 = 7.92 05 05
7.87 r 1 c 7.97

B29036

7.97 c 2 r 8.17 8.15 = 8.16 01 01
8.15 r 1 d 8.25

B28911

7.97 c 1 r 8.07 8.05 = 8.06 01 01
8.05 r 2 d 8.25

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1902phae.proj...713B

May 28, 1902.

Pickot (2) late plates.

✓ B28766

10.30 e 2r 10.50 10.65 = 10.58 08 07
10.65 r 2f 10.85

✓ B28911

9.70 d 3r 10.00 10.20 = 10.10 10 10
10.20 r 1e 10.30

✓ B28994

10.85 f 2r 11.05 11.20 = 11.12 07 08
11.20 r 2g 11.40

✓ B28774

10.30 e 1r 10.40 10.55 = 10.48 08 07
10.55 r 3f 10.85

✓ B28714

11.98 hv 1, st 12.08

✓ B28894

10.30 e 2r 10.50 10.65 = 10.68 08 07
10.65 r 2f 10.85

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1902phae.proj..713B

May 28, 1902.

G.C. 418

✓ B 26890
8.82 8.92 8.92 = 8.92 00 00
~~8.19~~ b 1 r ~~8.29~~ 8.29 = 8.29 00 00
~~8.92~~ 9.12
8.29 a 2 c ~~8.49~~

✓ B 28766
12.25
~~11.62~~ g 3 r ~~11.92~~ 12.35

✓ B 28994
12.25
~~11.62~~ g 1 r ~~11.72~~ 12.35

✓ B 28894
12.25
~~11.62~~ g 1 r ~~11.72~~ 12.35

✓ B 28777
Too near edge of film

S Tucanae Late plate.

May 29 1902

✓ B 27989
Too near corner.

✓ B 27956
Too near corner

✓ B 27887
Surface

✓ B 28024
11.33 N. 2 r 11.53

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1902phae.proj...713B

May 28 & 29 1902.

& Tue. (cont.)

✓ B28064

11.33 m 2 r 11.5-3

✓ B28124

Too near comm-

✓ B28219

Surface

✓ B28228

Surface

✓ B28272

11.23 m 2 r 11.43 11.23 = 11.33 10 16

11.23 r 1 m 11.38

✓ B28307

11.23 m 1 r 11.33 11.23 = 11.28 05 05

11.23 r 1 m 11.33

B28423

10.78 k 2 r 10.98 10.88 = 10.93 05 05

10.88 r 2 l 11.08

Ridge B285-94

✓ 8.92 c 3 r 9.22 9.04 = 9.13 09 09

9.04 r 2 d 9.24

✓ B28697

8.92 c 2 r 9.12 8.94 = 9.03 09 09

8.94 r 3 d 9.24

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1902phae.proj..713B

May 29, 1902.

S. Tuc. cont.

B28957
Too near edge of film

R.S. Ophiuchi late plate.
h m °
11 16 – 61.3

B3346
Too near edge of film.

B13084 Sp.
Too near corner

✓ B25201
Plate damaged near neg. of star

✓ B24970
Near corner

✓ B24948
Too near corner.

✓ B24882
11.76 lR 10r 11.86 11.91 = 11.88 02 03
11.91 02 lm 12.11

✓ B24734
11.04 h1, 1h 11.14

✓ B24652
9.99 e2r 10.19 10.14 – 10.16 03 02
10.14 02f 10.34

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1902phae..proj..713B

June 3, 1902.

✓ B24647

9.99 e 2r ~~10.19~~ 10.14 = 10.16 03 02
10.14 r 2f 10.34

✓ B24646

Too near edge of film

✓ B25-185-

11.76 l 2r 11.96 11.91 = 11.94 02 03
11.91 r 2m 12.11

✓ B25-35-6

10.72 g 1r 10.82 10.74 = 10.78 04 04
10.74 h 3h 11.04

✓ B25-441

10.34 f 1r 10.44 10.52 = 10.48 04 04
10.52 h 2g 10.72

✓ B25-490

9.99 d 1r 10.09 10.04 = 10.06 03 02
10.04 r 3f 10.34

✓ B25626

9.25 c 1r 9.35 9.47 = 9.41 06 06
9.47 r 2d 9.67

✓ B25-655

9.25 c 2r 9.45 9.47 = 9.46 01 01
9.47 r 2d 9.67

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1902phae.proj..713B

June 3, 1902.

RS Cenb. cont.

✓ B26857

9.99 e 2r 10.19 ~~10.14 = 10.16~~ 03 02
10.14 r 2f 10.34

✓ B26941

11.76 l 1r 11.86 ~~11.91 = 11.88~~ 02 03
11.91 r 2m 12.11

✓ B26961
Star comes

✓ B26967

12.11 m 1r ~~12.21~~
r St

✓ B27169

11.76 l 1/2 r 11.96 ~~11.81 = 11.88~~ 08 07
11.81 r 3 m 12.11

✓ B27222
Star comes

✓ B27332

9.25 e 2r 9.45 ~~9.47 = 9.46~~ 01 01
9.47 r 2d 9.67

✓ B27377
Surface

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1902phae..proj..713B

June 3, 1902

R-S Cent counts

✓ B27574

9.67 d 2 r 9.87 9.67 = 9.77 10 10

9.67 r 3 e 9.99

B27084

Surface

B27670

Surface

✓ B27671

Surface.

B29043

11.04 h 2 r 11.24 11.14 = 11.19 05 05

11.14 r 3 h 11.44

✓ B27009

Pl. cracked in mg. of rad.

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1902phae.proj..713B

June 7. 1902.

T Columbae. (late plates)

✓ B28995⁻

8.23 e 4 r 8.63 8.41 = 8.52 11 11
8.41 r 3 d 8.71

✓ B28909

9.63 g 2 r 9.83 9.81 = 9.82 01 01
9.81 r 2 h 10.01

✓ B28895⁻

9.63 g 2 r 9.83 9.71 = 9.77 06 06
9.71 r 3 h 10.01

✓ B28776
Too near edge.

✓ B28765
11.17 m 2 f × 11.27

✓ B28716
11.52 m 1 f 11.62

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1902phae.proj..713B

June 10, 1902.

— Phoenicis

h m ° ′ ″
0 25.6 − 46 5 8 (1900)

✓ B28595
11.99 l 1, St 12.09

✓ B28555
Surface

✓ B28504
11.99 l 1, St 12.09

✓ B28447
Off film

Near edge of pl. B28446
✓ 9.73 C 1, St 9.83

✓ B28422
Near edge of pl.

✓ B28412
11.19 h 2, St 11.39

B28227
Surface

✓ B28126
11.61 R 1, St 11.71

✓ B28482
11.61 h 1, St 11.71

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1902phae.proj..713B

June 10, 1902.

AGC 2859 Late plates
h m
2 37.4 -23 2 (1900)

B29021

8.11 f 1 r 8.21 8.29 = 8.25 04 04
8.29 r 2 C 8.49

B28969

8.11 f 3 r 8.41 8.29 = 8.35 06 06
8.29 r 2 C 8.49

B28521

8.11 f 2 r 8.31 8.39 = 8.35 04 04
8.39 r 1 C 8.49

B28141

8.11 f 2 r 8.31 8.29 = 8.30 01 01
8.29 r 2 C 8.49

B28110

7.63 a 1 r 7.73 8.01 = 7.87 14 14
8.01 r 1 f 8.11

A 4982

7.63 a 2 r 7.83 8.01 = 7.92 09 09
8.01 r 1 f 8.11

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1902phae..proj..713B

June 10, 1902.

At Yerkes 1104 late plates

2 40.4 - 5 - 4 49.8 (1875-

✓ B28485

9.22 d 2r 9.42 9.47 = 9.44 02 03
9.47 r 3 l 9.67

✓ B28486

9.00 c 2r 9.20 9.02 = 9.11 09 09
9.02 r 2d 9.22

✓ B29028

9.22 d 2r 9.42 9.47 = 9.44 02 03
9.47 r 2 l 9.67

Duplicate of A 5-760

✓ 9.22 d 1r 9.32 9.47 = 9.40 08 07
9.47 r 2 l 9.67

✓ B30841

9.22 d 1 r 9.32 9.37 = 9.34 02 03
9.37 r 3 l 9.67

✓ B32418

9.40 c 4r 9.40 9.12 = 9.26 14 14
9.12 r 1d 9.22

✓ B31140

9.00 c 2r 9.20 8.92 = 9.06 14 14
8.92 r 3d 9.22

B30976

9.22 3 d 2r 9.42 9.47 = 9.48 0 02 03
9.47 r 3 l 9.67 06

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1902phae.proj..713B

June 11, 1902

C.D.M. -25° 1766

B29033
Too near edge of pl.

B28891
9.67 hi St ~~9.77~~

B28815
10.50 l, St 10.60

B28757
10.92 m St 11.02

A4987
11.74 dr 11.94 11.94 = 11.94 00 00
11.94 r 2 pr 12.14

α Camel. late plate

Q28112
10.63 d 2 r 10.83 10.05 = 10.44 89 89
10.05 r 2 e 11.25

Q26293
11.53 f br 11.63 11.51 = 11.57 06 06
11.51 r 2 g 11.81

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1902phae..proj...713B

June 12, 1902.

R Horologium
h m ° '
2 49.7 -50 21

✓ B28608

5.33 a 2 r 5.53 6.31 = 6.42 39 39 ✓ B28973
6.31 r 2 f 6.51 09 09
8.07 e 4 r 8.97 9.10 = 9.06
9.15 r 3 f 9.45

✓ B28811

7.31 e 2 r 7.51 8.09 = 7.80 29 29
8.09 r 2 d 8.29

B28486

5.33 a 2 r 5.53 6.31 = 5.92 39 39
6.31 r 2 f 6.51

✓ B28557
Sulfaci

✓ B28539
Sulfaci

✓ B28246

5.33 a 3 r 5.63 6.21 = 5.92 29 29
6.21 r 3 f 6.51

✓ B28166

6.51 f 1 r 6.61 7.21 = 6.91 30 30
7.21 r 1 d 7.31

✓ B28107

6.51 f 2 r 6.71 7.21 = 6.96 25 25
7.21 r 1 d 7.31

B28971

8.07 e 3 r 8.87 9.10 = 9.01 14 14
9.10 r 3 f 9.40

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1902phae.proj..713B

June 13, 1902.

χ Ceti, h 3 m 14.3 −1° 26′ (1900.0) late plates

✓ B28982

10.59 c 3 r 10.89 10.76 = 10.82 07 06
10.76 r 3 f 11.06

✓ B28768

10.59 c 3 r 10.89
f 1 h

✓ B28706

11.29 g 2 r 11.49 11.42 = 11.46 03 04
11.42 h 2 h 11.62

✓ B26919

10.59 c 3 r 10.89 10.76 = 10.82 07 06
10.76 r 3 f 11.06

✓ B28610

11.29 g 2 r 11.49 11.52 = 11.50 01 02
11.52 r 1 h 11.62

✓ B29023

10.19 d 2 r 10.39 10.49 = 10.44 05 05
10.49 r 1 c 10.59

Q 28168

10.19 d 3 r 10.49 10.49 = 10.49 00 00
10.49 r 1 c 10.59

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1902phae.proj...713B

June 13, 1902.

χ Cet

✓ 1 28088

9.82 c 2 r 10.02 10.09 = 10.06 04 03
10.09 r 1 d 10.19

✓ D 26609

11.29 g 1 r 11.39 11.32 = 11.36 03 04
11.32 r 3 h 11.62

R Columba

✓ B 28614

12.18 k 2, A ~~x~~ 12.38

✓ B 28716

10.52 f 2, A 10.72

✓ B 28896

10.52 f 2 r 10.72 10.72 = 10.72 00 00
10.72 r 3 g 11.02

✓ B 28896

~~11.89~~ 9
~~+11.94~~ 17
11.60 h 1, r 11.70 12.08 = ~~12.89~~ ~~24~~ 19
12.08 r 1 k 12.18

a 5078

✓ 8.87 c 1 r 8.97 9.09 = 9.03 06 06
9.09 r 3 d 9.39

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1902phae.proj..713B

June 14, 1902.

Variable $h\ 17.^m6 +46° 3'$ D.M. $+46° 1271$
Comp. stars mark on l 14870

✓ l 14870

7.92 t 2 r 8.12 8.12 = 8.12 00 00
8.12 r 1 c 8.22

✓ l 10562

8.22 c 1 r 8.32 8.30 = 8.31 01 01
8.30 r 2 d 8.50

✓ l 8299

8.22 c 1 r 8.32 8.30 = 8.31 01 01
8.30 r 2 d 8.50

✓ l 5501

8.22 c 2 r 8.42 8.30 = 8.36 06 06
8.30 r 2 d 8.50

✓ l 10310

7.67 a 2 r 7.87 7.82 = 7.84 03 02
7.82 r 1 b 7.92

✓ l 9150

8.22 c 1 r 8.32 8.20 = 8.26 06 06
8.20 r 3 d 8.50

l 10353
7.67 a 2 v 7.87 7.72 = 7.77 05 07 98
7.72 r 2 b 7.92

✓ l 5648

7.92 t 2 r 8.12 8.12 = 8.12 00 00
8.12 r 1 c 8.22

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1902phae.proj..7139

June 14, 1902.

DM +46° 1271 cont.

✓ l 5-05-5

7.92	b 2 r	8.12	8.12 = 8.12	00 00
8.12	r 1 c	8.22		

✓ l 8167

7.92	b 2 r	8.12	8.02 = 8.07	05 05
8.02	r 2 c	8.22		

✓ l 1715-0

7.92	b 2 r	8.12	8.12 = 8.12	00 00
8.12	r 1 c	8.22		

✓ l 3070

7.92	b 2 r	8.12	8.12 = 8.12	00 00
8.12	r 1 c	8.22		

✓ l 1475-6

7.92	b 1 r	8.02	7.92 = 7.97	05 05
7.92	r 3 c	8.22		

✓ l 805-7

8.22	c 1 r	8.32	8.30 = 8.31	01 01
8.30	r 2 d	8.50		

✓ l 14020

8.22	c 1 r	8.32	8.30 = 8.31	01 01
8.30	r 2 d	8.50		

✓ l 5-500

8.22	c 2 r	8.42	8.30 = 8.36	06 06
8.30	r 2 d	8.50		

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1902phae.proj..713B

June 14, 1902.

B

D M +46° 1271. cont.

✓ D 1906 Sp.

7.92 f 2r 8.12 8.12 = 8.12 00 00
8.12 r 1 C 8.22

✓ l 3427

8.22 C 2 r 8.42 8.40 = 8.41 01 01
8.40 r 1 d 8.50

✓ l 14725

7.92 f 2 r 8.12 8.02 = 8.07 05 05
8.02 r 2 C 8.22

✓ l 3056

8.22 C 1 r 8.32 8.30 = 8.31 01 01
8.30 r 2 d 8.50

✓ l 16993

8.22 C 1 r 8.32 8.30 = 8.31 01 01
8.30 r 2 d 8.50

✓ l 9879

7.92 f 2 r 8.12 8.12 = 8.12 00 00
8.12 r 1 C 8.22

✓ l 956

7.92 f 1 r 8.02 8.12 = 8.07 05 05
8.12 r 1 C 8.22

✓ l 17342

7.92 f 2 r 8.12 8.22 8.20 = 8.18 06 04 02
8.22 r 0 C 8.22
8.20 r 2 d 8.56

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1902phae..proj..713P

June 14, 1902.

D M +46° 1271 cont.:

✓ l 9999 Tow mar edge of pl.

✓ l 774

8.22 c l r 8.32 8.20 = 8.26 06 06

8.20 r 3 d 8.50

Poor plate l 8298

✓ 7.92 b 2 r 8.12 8.12 = 8.12 00 00

8.12 r 1 c 8.22

✓ l 9837

7.92 b 2 r 8.12 8.12 = 8.12 00 00

8.12 r 1 c 8.22

✓ l 8154

8.22 c l r 8.32 8.30 = 8.31 01 01

8.30 r 2 d 8.50

✓ l 3807

8.22 c l r 8.32 8.20 = 8.26 06 06

8.20 r 3 d 8.50

✓ l 14577

8.22 c l r 8.32 8.20 = 8.26 06 06

8.20 r 3 d 8.50

✓ l 17412 Tow mar edge of pl.

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1902phae.proj..713B

June 14, 1902

DM +46° 1271 cont.

✓ l 24099 Sp.

7.92 f 2r 8.12 8.12 = 8.12 00 00
8.12 r 1 c 8.22

✓ l 10657 Sp.

8.22 c 2r 8.42 8.40 = 8.41 01 01
8.40 r 1 d 8.50

B

✓ l 1801 Sp.

8.22 c 2r 8.42 8.40 = 8.41 01 01
8.40 r 1 d 8.50

✓ l 22262

7.92 f 2r 8.12 8.02 = 8.07 05 05
8.02 r 2 c 8.22

✓ l 28504

8.22 c 1r 8.32 8.20 = 8.26 06 06
8.20 r 3 d 8.50

✓ l 28355 Several appr.

✓ l 28191 Several ap.

✓ l 24046

7.92 f 2r 8.12 8.02 = 8.07 05 05
8.02 r 2 c 8.22

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1902phae.proj..713P

June 14, 1902.

DM +46° 1271 cont.

✓ l 22029
8.22 c 1r 8.32 8.30 = 8.31 01 01
8.30 r 2d 8.50

✓ l 22405
8.22 c 1r 8.32 8.30 = 8.31 01 01
8.30 r 2d 8.50

✓ l 23558
8.22 c 2r 8.42 8.30 = 8.36 06 06
8.30 r 2d 8.50

✓ l 26313
8.22 c 2r 8.42 8.30 = 8.36 06 06
8.30 r 2d 8.50

✓ l 26232 Spr.
8.22 c 1r 8.32 8.20 = 8.26 06 06
8.20 r 3d 8.50

✓ l 26205
8.22 c 2r 8.42 8.30 = 8.36 06 06
8.30 r 2d 8.50

Not. ✓ l 26161
Poor fld.

✓ l 26074
7.92 f 2r 8.12 8.02 = 8.07 05 05
8.02 r 2c 8.22

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1902phae.proj..713B

June 14, 1902.

DM +46° 1271 cont.

✓ l 24238

8.22 C 1r 8.32 8.20 = 8.26 06 06
8.20 r 3d 8.50

✓ l 24283

7.92 f 2r 8.12 8.12 = 8.12 00 00
8.12 r 1C 8.22

✓ l 22015

8.22 C 1r 8.32 8.30 = 8.31 01 01
8.30 r 2d 8.50

✓ l 12096

8.22 C 2r 8.42 8.30 = 8.36 06 06
8.30 r 2d 8.50

✓ l 10321

7.92 f 1r 8.02 8.12 = 8.07 05 05
8.12 r 1C 8.22

✓ l 2448

8.22 C 1r 8.32 8.20 = 8.26 06 06
8.20 r 3d 8.50

✓ l 22577

8.22 C 1r 8.32 8.40 = 8.36 04 04
8.40 r 1d 8.50

✓ l 24350

7.92 f 2r 8.12 8.12 = 8.12 00 00
8.12 r 1C 8.22

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1902phae.proj..713p

June 14, 1902.

DM +46° 1271 cont.

✓ l 28335

8.22 C 1 r 8.32 8.30 = 8.31 01 01

8.30 r 2 d 8.50

✓ l 2216

8.22 C 1 r 8.32 8.30 = 8.31 01 01

8.30 r 2 d 8.50

✓ l 20398

8.22 C 2 r 8.42 8.20 = 8.31 11 11

8.20 r 3 d 8.50

✓ l 20321

8.22 C 1 r 8.32 8.20 = 8.26 06 06

8.20 r 3 d 8.50

✓ l 17498

7.92 f 3 r 8.22 8.02 = 8.12 10 10

8.02 r 2 C 8.22

✓ l 5682

8.22 C 1 r 8.32 8.20 = 8.26 06 06

8.20 r 3 d 8.50

✓ P 13 24 11 Sp.

8.22 C 1 r ? 8.32 8.30 = 8.31 01 01

8.30 r 2 d 8.50

✓ l 2326 Sp.

7.92 f 2 r 8.12 8.12 = 8.12 00 00

8.12 r 1 C 8.22

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1902phae.proj..713B

June 14, 1902

D M +46° 1271 cont.

✓ l 2105
Too near edge of film

B
✓ l 2313 Sp.
Too near edge of film

✓ l 2461 Sp.
7.92 t 2r 8.12 8.02 = 8.07 05 05
8.02 r 2 c 8.22

✓ l 9923 Sp.
7.92 t 2r 8.12 8.02 = 8.07 05 05
8.02 r 2 c 8.22

✓ l 5739
8.22 c 1r 8.32 8.30 = 8.31 01 01
8.30 r 2d 8.50

✓ l 5449 Sp.
8.22 c 2r 8.42 8.30 = 8.36 06 06
8.30 r 2d 8.50

✓
Poor fl. l 10470
7.92 t 2r 8.12 8.12 = 8.12 00 00
8.12 r 1 c 8.22

✓ l 13982
Poor fl.

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1902phae.proj..713

June 14, 1902.

DM +46° 1271 cont.

✓ l 22442
Poor plate

✓ l 10093
Poor plate

✓ l 469 & 473
Several ex

✓ l 10214
7.92 b 2 r 8.12 8.12 = 8.12 00 00
8.12 a 1 c 8.22

✓ l 2239
8.22 c 1 r 8.32 8.30 = 8.31 01 01
8.30 r 2 d 8.30

✓ l 20703
Star edge of film

✓ l 21884
7.92 b 2 r 8.12 7.92 = 8.02 10 10
r 3 c 8.22

✓ l 20168
Poor plate

✓ l 20432
Too near edge of film

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1902phae.proj..713B

June 14, 1902.

D M +46° 1271 cont

✓ l 24527 Sfn.

7.92 t 2 r 8.12 8.02 = 8.07 05 05

8.02 r 2 c 8.22

✓ l 24919

7.92 t 2 r 8.12 8.02 = 8.07 05 05

8.02 r 2 c 8.22

l 24961 Sfn.

✓ 7.92 t 2 r 8.12 8.02 = 8.07 05 05

8.02 r 2 c 8.22

✓ l 26746

8.22 c 1 r 8.32 8.30 = 8.31 01 01

8.30 r 2 d 8.50

✓ l 26787

Near edge

✓ l 27606

7.92 t 2 r 8.12 8.02 = 8.07 05 05

8.02 r 2 c 8.22

✓ l 28065

8.22 c 2 r 8.42 8.20 = 8.31 = 11 11

8.20 r 3 d 8.50

✓ l 28158 Sfn ✓ l 9922 Sfn.

8.22 c 1 r 8.32 8.30 = 8.31 01 01 Near edge of film

8.30 r 2 d 8.50

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1902phae.proj..713B

June 18, 1902.

T Eridanus

α 4h 49.9m $-24°$ 24' (1875)

Standard.

✓ B28704

10.20 g 2, h *10.40

✓ B28815

10.75 h 2 A 10.95

✓ B28891

✓ 10.75 h 2 A 10.95

✓ A4984

10.20 g 2 r 10.40 10.5-5 = 10.48 08 07

10.55 r 2 h 10.75

BD $-16°$ 771 Eridanus

✓ B28892

8.88 c 8 r 9.18 9.10 = 9.14 04 04

9.10 r 2 d 9.30

B28816

✓ 8.88 c 2 r 9.08 9.10 = 9.09 01 01

9.10 r 2 d 9.30

B28756

9.5-2 c 1 r 9.62 9.74 = 9.68 06 06

9.74 r 2 f 9.94

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1902phae.proj..713B

June 12 1902.

Dillon 3092 late plates
5 18.9 -69 21 (1900

✓ B28998

7.94 a 2 r 8.14 8.32 = 8.23 09 09
8.32 r 2 b 8.52

✓ B28990
Too near edge of plate

✓ B28803
Several diffs.

✓ a 4811

8.52 b 3 r 8.82 8.87 = 8.84 02 03
8.87 r 2 c 9.07

✓ a 4807
Too near edge of pl

✓ a 4928

8.52 b 3 r 8.82 8.77 = 8.80 02 03
8.77 r 3 c 9.07

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1902phae.proj..713P

June 19 1902.

β Monocerotis

DM −8° 1467

G 25ʰ 9ᵐ −8° 8′ (1855)

✓ B28839

9.08 b 2 r 9.28 9.30 = 9.29 01 01

9.30 r 1 C 9.40

B29001

9.40 C 2 r 9.60 9.50 = 9.55 05 05

9.50 r 2 d 9.70

B.28688

✓

9.40 C 2 r 9.60 9.50 = 9.55 05 05

9.50 r 2 d 9.70

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1902phae.proj..713B

June 25, 1902.

New Variable D M -11° 1941
h m ° ′
7 20.3 -11.4
Comp. stars on B17705

✓ B17705

10.12	e3r	10.42	10.22 = 10.32	10	10
10.22	r2f	10.42			

✓ B20680 Sp.

9.90	d1r	10.00	9.92 = 9.96	04	04
9.92	r2e	10.12			

✓ B18041

10.12	e2r	10.32	10.22 = 10.27	05	05
10.22	r2f	10.42			

✓ l 20692

10.12	e2r	10.32	10.22 = 10.27	05	05
10.22	r2f	10.42			

✓ B21201

10.12	e2r	10.32	10.12 = 10.22	10	10
10.12	r3f	10.42			

✓ B21009

10.12	e2r	10.32	10.22 = 10.27	05	05
10.22	r2f	10.42			

✓ l 20248

10.12	e2r	10.32	10.32 = 10.32	00	00
10.32	r1f	10.42			

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1902phae.proj..713P

June 25, 1902.

DM −11° 1941 (cont.)

✓ B25-047

10.12 e 2 r 10.32 10.22 = 10.27 05 05
10.22 r 2 f 10.42

✓ B 22371

10.12 e 2 r 10.32 10.22 = 10.27 05 05
10.22 r 2 f 10.42

✓ B 22422

10.12 e 3 r 10.42 10.32 = 10.37 05 05
10.32 r 1 f 10.42

✓ B14776

10.12 e 3 r 10.42 10.32 = 10.37 05 05
10.32 r 1 f 10.42

✓ B 245-22

10.12 e 2 r 10.32 10.32 = 10.32 00 00
10.32 r 1 f 10.42

✓ B 14968

10.42 f 1 r 10.52 10.72 = 10.62 10 10
10.72 r 1 g 10.82

✓ B 12498

10.42 f 1 r 10.52 10.62 = 10.57 05 05
10.62 r 2 g 10.82

✓ I 20257 S/r.

9.90 d 2 r 10.10 9.92 = 10.01 09 09
9.92 r 2 l 10.12

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1902phae.proj..713B

June 25, 1902.

DM -11° 1941 (cont.)

✓ l 20342 Sp.
Poor plate

✓ l 20430 Sp.

9.90	d 2 r	10.10	9.92 = 10.01	09	09
9.92	r 2 l	10.12			

✓ l 20512 Sp.

9.90	d 2 r	10.10	9.92 = 10.01	09	09
9.92	r 2 l	10.12			

✓ l 20633 Sp.
Poor mng. of var.

✓ l 22302 Sp.

10.12	l 1 r	10.22	10.12 = 10.17	05	05
10.12	r 3 f	10.42			

✓ l 24664

10.42	f 1 r	10.52	10.62 = 10.57	05	05
10.62	r 2 g	10.82			

✓
Poor plate l 27941 Sp.

9.40	f 1 r	9.50			

✓ l 27910

9.90	d 2 r	10.10	10.02 = 10.06	04	04
10.02	r 1 l	10.12			

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1902phae..proj..713B

June 25. 1902

DM −11° 1941 cont.

✓ l 26364

9.90 d 2r 10.10 9.92 = 10.01 09 09

9.92 r 2l 10.12

✓ l 23939

10.42 f 1r 10.52 10.62 = 10.57 05 05

10.62 r 2g 10.82

✓ l 24580

10.12 l 2r 10.32 10.32 = 10.32 00 00

10.32 r 1f 10.42

✓ l 24492

Poor fl

✓ l 21595

10.12 l 2r 10.32 10.22 = 10.27 05 05

10.22 r 2f 10.42

✓ l 21950 Sp.

9.90 d 2r 10.10 9.92 = 10.01 09 09

9.92 r 2l 10.12

l 22500 Sp.

Poor wing of rai

✓ l 20540 Sp.

Poor wing of rai.

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1902phae.proj..713B

June 25, 1902.

DM -11° 1941 (cont.)

✓ l 817 Sp.

10.12 e l r 10.22 10.22 = 10.22 00 00
10.22 r 2 f 10.42

✓ l 500 Sp.

10.12 e l r 10.22 10.22 = 10.22 00 00
10.22 r 2 f 10.42

✓ l 2817 Sp.

10.12 e l r 10.22 10.32 = 10.27 05 05
10.32 r 1 f 10.42

✓ l 2462 Sp.

9.90 d l r 10.00 10.02 = 10.01 01 01
10.02 r 1 e 10.12

✓ l 845
Too much comet.

✓ l 2391 Sp.

9.90 d 2 r ? 10.10 10.02 = 10.06 04 04
10.02 r 1 e 10.12

✓ l 3241 Sp.

9.90 d 2 r 10.10 9.92 = 10.01 09 09
9.92 r 2 e 10.12

✓ l 3194 Sp.

9.90 d 2 r 10.10 9.92 = 10.01 09 09
9.92 r 2 e 10.12

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1902phae.proj..713B

June 25, 1902.

DM −11° 1941 (cont.)

✓ D 5562
Too near edge of film

✓ D 7704 S/r
9.90 d 2 r 10.10 9.92 - 10.01 09 09
9.92 r 2 d 10.12

✓ D 7533 S/r.
Too near edge of plate

✓ D 10682
Too near corner

✓ D 10466
Too near edge of film

✓ D 10030
Too near edge of film

✓ D 17062
Too near edge of film

✓ D 16348
Poor plate

✓ D 16853
10.42 f 2 r 10.62 10.62 = 10.62 00 00
10.62 r 2 g 10.82

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1902phae.proj..713B

June 25, 1902

PM-11° 1941 (cont)

✓ l 14323

10.42 f 2r 10.62 10.62 = 10.62 00 00

10.62 r 2g 10.82

✓ l 14322

10.42 f 2r 10.62 10.62 = 10.62 00 00

10.62 r 2g 10.82

✓ l 12091

Too near edge of film

✓ l 20137

10.42 f 2r 10.62 10.62 = 10.62 00 00

10.62 r 2g 10.82

✓ l 20186

10.12 e 2r 10.32 10.22 = 10.27 05⁻ 05⁻

10.22 r 2f 10.42

✓ l 10242

10.42 f 2r 10.62 10.62 = 10.62 00 00

10.62 r 2g 10.82

✓ l 3425

10.42 f 1r 10.62 10.62 = 10.57 05⁻ 05⁻

10.62 r 2g 10.82.

✓ l 862

Poor plate

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1902phae.proj...713B

June 25, 1902.

Δm -11° 1941 (cont.)

✓ B302 Spr.
Poor plate

✓ B2767 Spr.
Poor plate

✓ B2399 Spr.
Too near edge of pl.

✓ B20681 Spr.

9.90	d 1r	10.00	9.92 = 9.96	04	04
9.92	r 2 e	10.12			

✓ B20801 Spr.

9.90	d 2r	10.10	9.92 = 10.01	09	09
9.92	r 2 e	10.12			

✓ B20802 Spr.
Near edge of film

✓ B15245 Spr.

9.90	d 2r	10.10	9.92 = 10.01	09	09
9.92	r 2 e	10.12			

✓ B2484

10.42	f 1r	10.52	10.72 = 10.62	10	10
10.72	r 1 g	10.82			

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1902phae.proj..713B

June 25, 1902.

DM -11° 1941 cont.

✓ B2 3355 Sp,
Difficult

✓ B14929

10.12 e2r 10.32 10.22 = 10.27 05 05
10.22 r2f 10.42

✓ B14987

10.42 f2r 10.62 10.62 = 10.62 00 00
10.62 r2g 10.82

✓ B12673 Sp

9.90 d1r 10.00 10.02 = 10.01 01 01
10.02 r1e 10.12

✓ B10526

10.12 e2r 10.32 10.22 = 10.27 05 05
10.22 r2f 10.42

✓ B10916

10.42 f2r 10.62 10.62 = 10.62 00 00
10.62 r2g 10.82

✓ B14816

10.42 f2r 10.62 10.62 = 10.62 00 00
10.62 r2g 10.82

Poor plate B2672

✓ 10.42 f2r 10.62 10.72 = 10.67 05 05
10.72 r1g 10.82

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1902phae.proj...713B

June 25, 1902.

DM -11° 1941, cont.

✓ B12573

10.12 e 2 r 10.32 10.22 = 10.27 05 05
10.22 r 2 f 10.42

✓ B29004

10.12 e 2 r 10.32 10.22 = 10.27 05 05
10.22 r 2 f 10.42

✓ B28793

10.42 f 2 r 10.62 10.62 = 10.62 00 00
10.62 r 2 g 10.82

✓ B28780

10.12 e 2 r 10.32 10.12 = 10.22 10 10
10.12 r 3 f 10.42

✓ B27236

10.12 e 2 r 10.32 10.12 = 10.22 10 10
10.12 r 3 f 10.42

✓ B27186

10.42 f 2 r 10.62 10.62 = 10.62 00 00
10.62 r 2 g 10.82

✓ B27056

10.12 e 2 r 10.32 10.22 = 10.27 05 05
10.22 r 2 f 10.42

✓ B26873

10.12 e 2 r 10.32 10.22 = 10.27 05 05
10.22 r 2 f 10.42

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1902phae.proj..713B

June 25/1902.

DM -11° 1941 cont.

✓ B26671

10.12 .l3σ 10.42 10.12 = 10.27 15⁻ 15⁻
10.12 σ3ƒ 10.42

✓ B26555

10.12 l2σ 10.32 10.12 = 10.22 10 10
10.12 σ3ƒ 10.42

✓ B25085

10.12 l3σ 10.42 10.12 = 10.27 15⁻ 15⁻
10.12 σ3ƒ 10.42

✓ B22665

10.12 l2σ 10.32 10.22 = 10.27 05⁻ 05⁻
10.22 σ2ƒ 10.42

✓ B24201

10.12 l2σ 10.32 10.32 = 10.32 ~~00~~ ~~00~~
10.32 σ1ƒ 10.42

✓ B13-014

10.42 ƒ2σ 10.62 10.72 = 10.67 05⁻ 05⁻
10.72 σ1g 10.82

✓ B2249

10.42 ƒ2σ 10.62 10.62 = 10.62 00 00
10.62 σ2g 10.82

✓ B20463

10.12 l2σ 10.32 10.22 = 10.27 05⁻ 05⁻
10.22 σ2ƒ 10.42

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1902phae.proj...7139

June 25, 1902.

DM -11° 1941 (cont.)

✓ B20847

10.12	e 2 r	10.32	10.32 = 10.32	00 00
10.32	r 1 f	10.42		

✓ B20686

Pl stained missing of ran-

✓ As-077

10.12	e 2 r	10.32	10.22 = 10.27	05 05
10.22	r 2 f	10.42		

✓ As065

9.90	d 1 r	10.06	9.92 = 9.96	04 04
9.92	r 2 e	10.12		

✓ Dg87

Too near edge of film

✓ B24606 Sp.

9.90	d 3 r	10.20	9.82 = 10.01	19 19
9.82	r 3 v	10.12		

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1902phae.proj..713B

June 26, 1902.

R Trianguli

h m ° ′
2 31.0 +33 50 (1900.

l 2235

✓ l 27678

7.50 f 2 r 7.70 7.90 = 7.80 10 10
7.90 r 1 c 8.00

✓ l 27674

8.00 c 1 r 8.10 8.15 = 8.12 02 03
8.15 r 2 d 8.35

✓ l 27401

7.50 f 1 r 7.60 7.80 = 7.70 10 10
7.80 r 2 c 8.00

✓ l 26611

8.35 d 2 r 8.55 8.80 = 8.68 13 12
8.80 r 2 e 9.00

✓ l 25733

10.42 h 2 r 10.62 10.92 = 10.77 15 15
10.92 r 2 k 11.12

✓ l 26463

7.50 f 1 r 7.60 7.80 = 7.70 10 10
7.80 r 2 c 8.00

✓ l 26464

7.50 f 2 r 7.70 7.90 = 7.80 10 10
7.90 r 1 c 8.00

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1902phae.proj...7139

June 24, 1902.

R Trianguli (cont.)

✓ l 26465⁻
Spectral exp.

✓ l 26492

8.00	C 2 r	8.20	8.25⁻ = 8.22	02 03
8.25⁻	r 1 c	8.35⁻		

✓ l 26497 Str.

7.50	1 3 r	7.80	7.80 = 7.80	00 00
7.80	r 2 c	8.00		

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1902phae.proj..713B

June 30, 1902.

χ Centauri

C.D.M. -41° 6787 11 44.1 -41 12 (1900)
Comp. stars B92 63.

✓ B24864
12.75 m l, ſ 12.85

✓ B9713
Too near edge of pl.

✓ B9633
Too near edge of pl.

✓ B9714
Too near edge of pl.

✓ B9636
Poor pl.

✓ Near edge of film B13057 Sp.
✓ 9.03 c l, ſ 9.13

✓ B21089
10.71 g ſ 2r 10.91 10.84 = 10.90 01 01
10.89 r 2g l 11.09

✓ B21033
9.99 c l ſ 10.09

✓ B24603
9.49 d 2r 9.69 9.69 = 9.69 00 00
9.69 r 3 l 9.99

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1902phae.proj...7139

June 3, 1902.

X Cent. cont.

✓ B23124
Near edge of film

✓ B22500
11.73 K1, St 11.83

✓ B21790
11.73 K1 St 11.83

✓ B21558
11.73 K1 St 11.83

✓ B21460
12.25 Can 12.45 12.55 12.50 05 05
12.55 a 2 mm 12.75

✓ B21404
11.73 K1 St 11.83

✓ B24894
Too near edge of film

✓ B25062
Too near edge of pl

✓ B24974
11.09 K 3, St 11.39

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1902phae.proj..713B

June 30, 1902.

X Cent. cont.

✓ B24936
11.73 h 3 St 12.03

✓ B25798
1 0.33 f 2 St 10.53

✓ B29049
11.73 h 2 St 11.93

✓ B27604
8.55 f 1 r 8.65 8.93 = 8.79 14 14
8.93 r 1 c 9.03

✓ B27389
8.55 f 3 r 8.85 8.83 = 8.84 01 01
8.83 r 2 c 9.03

✓ B27322
9.49 d 1 r 9.59 9.69 = 9.64 05 05
9.69 r 3 e 9.99

✓ B27254
Too near edge of pl

✓ B27178
11.09 h 3 r 11.39 11.43 = 11.41 02 02
11.43 r 2 h 11.73

✓ B27096
11.73 h 1 St 11.83

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1902phae..proj...7139

June 30, 1902

X Cent. cont.

✓ B24897
12.25 l 1 s 12.35

✓ B25-659
9.99 l 2 s 10.19 10.13 = 10.16 03 03
10.13 s 2 f 10.33

✓ B23-624
10.33 f 1 s 10.43 10.51 = 10.47 04 04
10.51 s 2 g 10.71

✓ A4868
12.75 m 3 s 13.05

✓ A4367 f fn.
11.09 h 2 s ? 11.29

✓ A4359 f fn.
11.09 h 3 s ? 11.39

∇ Centaurus

✓ A5390
6.60 f 1 s 6.70 7.15 - 6.92 22 23
7.15 s 2 c 7.35

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1902phae.proj..713B

July 4 1902.

α Centaurus (late plates)
h m ° ′
11 50.0 −58 42 (1900)
Comp. plate on B9704

✓ B25103

12.45 n 2 r 12.65 12.65 = 12.65 00 00
12.65 r 2 0 12.85

✓ B27222

12.85 0 2 r 13.05 13.01 = 13.03 02 02
13.01 r 2 p 13.21

✓ B27672
Surface

✓ B26966

11.13 p 1 r 13.23 11.45 = 11.34 11 11
11.45 r 2 l 11.65

✓ B25661

8.97 d 2 r 9.17 9.31 = 9.24 07 07
9.31 r 2 l 9.51

✓ B25655

8.97 d 2 r 9.17 9.21 = 9.19 02 02
9.21 r 3 l 9.51

✓ B25626

8.97 d 2 r 9.17 9.31 = 9.24 07 07
9.31 r 2 l 9.51

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1902phae..proj..713P

July 4, 1902

(Cent. Conct.)

✓ B25441

10.31 g 2 r 10.5- 10.45- = 10.48 03 03
10.45- r 2 h 10.65-

✓ B25185-

11.65 h 2 r 11.85- 11.85- = 11.85- 00 00
11.85- r 2 m 12.05-

✓ B29075-

11.13 h 3 r 11.43 11.45- = 11.44 01 01
11.45- r 2 l 11.65-

✓ B29074

11.65- l 2 r 11.85- 11.75- = 11.80 05- 05-
11.75- r 3 m 12.05-

✓ B29061

11.13 h 3 r 11.43 11.45- = 11.44 01 01
11.45- r 2 l 11.65-

✓ B27003

12.05- m 2 h 12.25-

✓ B27170

12.85- 02 r 13.05- 13.01 = 13.03 02 02
13.01 r 2 p 13.21

✓ B24948

12.85- a 1 r 17.95- 13.11 = 13.03 08 08
13.11 r 1 p 13.21

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1902phae.proj..713B

July 4, 1902

H Cont. cont.

✓ B24887

12.85⁻ 02 o 13.05⁻ 13.01 = 13.03 02 02
13.01 o 2 f 13.21

✓ B24882

11.65⁻ h 1 A 11.75⁻

✓ B 24862

Ph. trailed

✓ B24734

10.65⁻ h 2 A 10.85⁻

✓ B21562

11.65⁻ h 2 r 11.85⁻ 11.85⁻ = 11.85⁻ 00 00
11.85⁻ o 2 m 12.05⁻

✓ B25291

11.13 h 3 o 11.43 13.85⁻ = 11.89 04 04
11.35⁻ o 3 l 11.65⁻

✓ Blackmail Run B27671

Surface.

1 B~~10543~~ 7228

Poor pl

✓ B7227

Poor pl

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1902phae.proj..713B

July 4 1902

4 Gent. cont.

✓ B11132

9.81 e1r 9.61 9.83 = 9.72 11 11
9.83 r2f 10.03

✓ B11153

8.97 d2r 9.17 9.81 = 9.24 07 07
9.81 r2d 9.51

✓ B13522

Too near edge.

✓ B10856

11.13 d2r 11.33 11.35⁻ = 11.34 01 01
11.35⁻ r3d 11.65⁻

✓ B9414

11.13 d1r 11.23 11.45⁻ = 11.34 11 11
11.45⁻ r2d 11.65⁻

✓ B12903

Too near edge

✓ B12819 Sp.

8.33 e2 h 8.53

✓ B9936 Sp.

Poor fl.

✓ B16724 Sp.

9.51 e2 h 9.71

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1902phae.proj..713B

July 4, 1902.

H Sects cont.

✓ B9016 Spr.
Doubl

✓ B9018 Spr.
8.33 c 1, A 8.43

✓ B7292
Doubl.

✓ A5788 Spr.
12.85 0 2 r 13.05 , 13.11 = 13.08 03 03
13.11 a 1 p 13.21

✓ B8312 Spr.
9.01 e 1 A 9.61

✓ B13772 Spr.
8.97 d 2 A 9.17

✓ B9098 Spr.
10.03 f 1 A 10.13

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1902phae..proj...713B

July 9, 1902.

D M -8° 2343
h m
8 17.4 -8° 3.2 (1855)
Comp. stars on B 27238

✓ B 27238

8.32	e 1 r	8.42	8.82 = 8.62	20	20
8.82	r 3 f	9.12			

✓ B 20896 Sp.

8.32	e 3 r	8.62	8.92 = 8.77	15	15
8.92	r 2 f	9.12			

✓ l 17063

8.10	d 2 r	8.30	8.22 = 8.26	04	04
8.22	r 1 e	8.32			

✓ B 9125

8.32	e 1 r	8.42	8.92 = 8.67	25	25
8.92	r 2 f	9.12			

✓ B 2244

8.32	e 2 r	8.52	8.82 = 8.67	15	15
8.82	r 3 f	9.12			

✓ B 9177

8.10	d 2 r	8.30	8.22 = 8.26	04	04
8.22	r 1 e	8.32			

✓ l 27864

7.18	a 2 r	7.48	7.60 = 7.54	06	06
7.60	r 1 f	7.70			

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1902phae.proj..713B

July 9, 1902.

DM −8° 2343 cont.

✓ l 27911

8.32 e 1 r 8.42 8.92 = 8.67 25 25

8.92 r 2 f 9.12

✓ l 4989

8.10 f 2 r 8.30 8.22 = 8.26 04 04

8.22 r 1 e 8.32

✓ l 301

8.32 e 1 r 8.42 8.82 = 8.62 20 20

8.82 r 3 f 9.12

✓ l 874

d ff pl 8.22 a

8.22 r 1 e 8.32

✓ l 957

8.32 e 1 r 8.42 8.82 = 8.62 20 20

8.82 r 3 f 9.12

✓ l 988

8.32 e 1 r 8.42 8.82 = 8.62 20 20

r 3 f 9.12

✓ l 21053

8.10 d 2 r 8.30 8.22 = 8.26 04 04

8.22 r 1 e 8.32

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1902phae..proj..713B

July 9 + 10 1902.

DM −8° 2343 (cont.)

✓ l 22083

8.32 e 1 r 8.42 8.82 = 8.62 20 20

8.82 r 3 f 9.12

✓ l 20723

8.32 e 2 r 8.52 8.92 = 8.72 20 20

8.92 r 2 f 9.12

✓ l 23918

8.32 e 1 r 8.42 8.82 = 8.62 20 20

8.82 r 3 f 9.12

✓ l 26369

8.32 e 2 r 8.52 8.82 = 8.67 15 15

8.82 r 3 f 9.12

✓ l 24091

Double

✓ l 8071 Sp.

8.32 e 2 r 8.52 8.92 = 8.72 20 20

8.92 r 2 f 9.12

✓ l 8216 Sp.

8.32 e 2 r 8.52 8.82 = 8.67 15 15

8.82 r 3 f 9.12

✓ l 8240 Sp

Double

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1902phae.proj..713B

July 9, 1902

DM -8° 2343 (cont.)

✓ l 8241 Sp.

8.32 l 3 r 8.62 8.82 = 8.72 10 10

8.82 r 3 f 9.12

✓ l 8037

8.32 l 3 r 8.62 8.92 = 8.77 15 15

8.92 r 2 f 9.12

✓ l 5549

8.10 d 2 r 8.30 8.22 = 8.26 04 04

8.22 r 1 l 8.32

✓ l 12326

8.32 l 4 r 8.72 8.92 = 8.82 10 10

8.92 r 2 f 9.12

✓ l 12467

8.32 l 1 r 8.42 8.82 = 8.62 20 20

8.82 r 3 f 9.12

✓ l 8038 Sp.
Usiles

✓ l 16854

8.32 l 2 r 8.52 8.92 = 8.72 20 20

8.92 r 2 f 9.12

✓ l 16844

8.32 l 2 r 8.52 8.82 = 8.67 15 15

8.82 r 3 f 9.12

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1902phae.proj...713B

July 9, 1902.

DM -8° 2343 (cont.)

✓ Q13965

8.32 e 1 r 8.42 8.82 = 8.62 20 20
8.82 r 3 f 9.12

✓ Q19407

8.32 e 3 r 8.62 8.92 = 8.~~82~~ 77 15 15
8.92 r 2 f 9.12

✓ Q22356

8.10 d 2 r 8.30 8.22 = 8.26 04 04
8.22 r 1 e 8.32

✓ B 3167

8.32 e 2 r 8.52 8.72 = 8.62 10 10
8.72 r 4 f 9.12

✓ B 2486

8.32 e 1 r 8.42 8.72 = 8.57 15 15
8.72 r 4 f 9.12

✓ B 15248

8.32 e 2 r 8.52 8.72 = 8.62 10 10
8.72 r 4 f 9.12

✓ B 14974

8.32 e 1 r 8.42 8.82 = 8.62 20 20
8.82 r 0 f 9.12

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1902phae.proj..713B

July 9, 1902

DM -8° 2343 (cont.)

✓ B 18106

8.32 e 2 r 8.52 8.72 = 8.62 10 10
8.72 r 4 f 9.12

✓ B 18223

8.32 e 2 r 8.52 8.72 = 8.62 10 10
8.72 r 4 f 9.12

✓ B 18200

8.32 e 2 r 8.52 8.72 = 8.62 10 10
8.72 r 4 f 9.12

✓ B 20585

8.32 e 3 r 8.62 8.92 = 8.77 15 15
8.92 r 2 f 9.12

✓ B 20308

8.32 e 3 r 8.62 8.82 = 8.72 10 10
8.82 r 3 f 9.12

✓ B 19205

8.10 d 3 r 8.40 8.12 = 8.26 14 14
8.12 r 2 e 8.32

✓ B 19136 Sf.

8.10 d 2 r 8.30 8.12 = 8.21 09 09
8.12 r 2 e 8.32

✓ Kal. comm.

B 19041

8.10 d 2 r 8.30 8.22 = 8.26 04 04
8.22 r 1 e 8.32

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1902phae.proj..713B

July 9 1902

DM-8 2343 cont.

✓ B2 X 728

8.32 l 2 r 8.52 8.82 = 8.67 15 15

8.82 r 3 f 9.12

✓ B2 X 480

8.32 l 1 r 8.42 8.82 = 8.62 20 20

8.82 r 3 f 9.12

✓ B2 2424

8.32 l 2 r 8.52 8.82 = 8.67 15 15

8.82 r 3 f 9.12

✓ B2 2325

8.32 l 3 r 8.62 8.92 = 8.77 = 15 15

8.92 r 2 f 9.12

✓ B2 1394 Spr.

8.32 l 3 r 8.62 8.92 = 8.77 15 15

8.92 r 2 f 9.12

✓ B2 1350

8.32 l 3 r 8.62 8.72 = 8.67 05 05

8.72 r 4 f 9.12

✓ B2 1204

8.32 l 2 r 8.52 8.82 = 8.67 15 15

8.82 r 3 f 9.12

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1902phae.proj..Z13B

July 9 1902.

DM -8° 2343 cont.

✓ B20848

8.32 e 3 r 8.62 8.92 = 8.77 15 15

8.92 r 2 f 9.12

✓ B20660

8.32 e 3 r 8.62 8.82 = 8.72 10 10

8.82 r 3 f 9.12

✓ B26678

8.10 d 2 r 8.30 8.22 = 8.26 04 04

8.22 r 1 e 8.32

✓ B26785

8.10 d 2 r 8.30 8.22 = 8.26 04 04

8.22 r 1 e 8.32

✓ B25373

8.32 e 2 r 8.52 8.82 = 8.67 15 15

8.82 r 3 f 9.12

✓ B25246

8.32 e 3 r 8.62 8.92 = 8.77 15 15

8.92 r 2 f 9.12

✓ B25091

8.32 e 3 r 8.62 8.92 = 8.77 15 15

8.92 r 2 f 9.12

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1902phae.proj...713B

July 9, 1902.

DM -8° 2343 Crnth.

✓ B25-015

8.32 e1r 8.42 8.8Q = 8.62 20 20
8.82 r3f 9.12

✓ 2346 Sfn.
Standard film

✓ B27062

8.32 e3r 8.62 8.82 = 8.72 10 10
8.82 r3f 9.12

✓ B27419

8.10 d2r 8.30 8.22 = 8.26 04 04
8.22 r1e 8.32

✓ B2885-2

8.10 d2r 8.30 8.22 = 8.26 04 04
8.22 r1e 8.32

✓ B28916

8.10 d2r 8.30 8.12 = 8.21 09 09
8.12 r2e 8.32

✓ B15-476

8.32 e3r 8.62 8.82 = 8.72 10 10
8.82 r3f 9.12

✓ Q3092

8.32 e1r 8.42 8.72 = 8.57 15 15
8.72 r4f 9.12

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1902phae.proj..713B

July 9 1902.

D.M. -8° 2343 cont.

✓ L 14828

8.32 e3r 8.62 8.92 = 8.77 15 15

8.92 r2f 9.12

✓ L 26402

8.32 e2r 8.52 8.82 = 8.67 15 15

8.82 r3f 9.12

✓ B 9127

8.10 d2r 8.30 8.12 = 8.21 09 09

8.12 r2e 8.32.

✓ B 20999

8.32 e1r 8.42 8.82 = 8.62 20 20

8.82 r3f 9.12

✓ L 8039

8.32 e1r 8.42 8.82 = 8.62 20 20

8.82 r3f 9.12

✓ B 27011

8.32 e1r 8.42 8.82 = 8.62 20 20

8.82 r3f 9.12

✓ B 19015 Afr.

8.32 e3r 8.62 8.82 = 8.72 10 10

8.82 r2f 9.12

✓ L 1092

8.10 d1r 8.20 8.22 = 8.21 01 01

8.22 r1e 8.32

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1902phae.proj...7138

July 9 1902

DM −8° 2343 cont.

✓ B15-310

8.32 e2r 8.52 8.82 = 8.67 15 15

8.82 r3f 9.12

✓ D999 Purple

✓ A64

8.10 d2r 8.30 8.22 = 8.26 04 04

8.22 r1e 8.32

✓ D28128

7.92 c1r 8.02 8.00 = 8.01 01 01

8.00 r1d 8.10

✓ B24956 Sh.

8.10 d2r 8.30 8.22 = 8.26 04 04

8.22 r1e 8.32

✓ B17964

8.10 d2r 8.30 8.22 = 8.26 04 04

8.22 r1e 8.32

✓ B20489 Sh.

8.32 e3r 8.62 8.82 = 8.72 10 10

8.82 r3f 9.12

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1902phae.proj.,713B

July 10, 1902

Orion late plates.

✓ l 27789

9.07 d 2r 9.27 9.45 = 9.36 09 09
9.45 r 1 d 9.55

l 28240

✓ 9.55 d 2r 9.75 9.75 = 9.75 00 00
9.75 r 2 e 9.95

B
l 25761

✓ 8.49 e 2r 8.69 8.77 = 8.73 04 04
8.77 r 3 e 9.07

B 28906

✓ 8.49 b 3r 8.79 8.77 = 8.73 04 04
8.77 r 3 e 9.07

DM -8° 2843 cont.

✓ l 20513 Sh.

8.32 e 3r 8.62 8.82 = 8.72 10 10
8.82 r 3 f 9.12

✓ l 21951 Sh.
Dark covering.

✓ l 22289

8.32 e 1 r 8.42 8.82 = 8.62 20 20
8.82 r 3 f 9.12

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1902phae.proj..713B

July 12, 1902.

DM -8° 2343

l 14850

8.32 & 2 r 8.52 8.82 = 8.67 15 15
8.82 r 3 & f 9.12

DM -8° 3329 late plates.

✓ B27643

9.13 c 3 r 9.42 9.47 = 9.44 02 03
9.47 r 1 d 9.57

✓ B27140

9.57 d 1 r 9.67 9.67 = 9.67 00 00
9.67 r 3 l 9.97

✓ l 28139

9.12 c 3 r 9.42 9.27 = 9.34 08 07
9.27 r 3 d 9.57

✓ l 26966

9.57 d 1 r 9.67 9.77 = 9.72 05 05
9.77 r 2 l 9.97

B19744

9.12 c 2 r 9.32 9.47 = 9.40 08 07
9.47 r 1 d 9.57

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1902phae.proj..713B

July 17, 1902.

α Crup late plates
12h 26.8m −57° 2′ (1900)
Comp. plates on B13173

B27227
✓ 12.01 N 3 or 12.31
o A

✓ B27715
Too near edge of film

✓ B27707
12.51 01 or 12.61 12.63 = 12.62 01 01
12.62 or 3 fp. 12.93

✓ B27688
Surface

✓ B27680
Surface

✓ B27672
Surface

Near edge. B27324
✓ 12.51 01 or 12.61
fp A

Near edge B27309
✓ Too near edge of film

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1902phae.proj..713B

July 17 1902.

U Crux cont.

✓ B27297

12.51 o 2 r 12.71 12.63 = 12.67 04 04
12.63 r 3 fr. 12.93

✓ B27222

11.56 m 2 h 11.76

✓ B27144
Off film

from edge of film B27005

12.01 ✓ n 2 r 12.21
o h

✓ B26974
Off film

✓ B26961

11.56 m 3 r 11.86 11.81 = 11.84 02 03
11.81 o 2 m 12.01

✓ B26917

10.74 h 2 r 1094 10.94 = 10.94 00 00
10.94 o 2 l 11.14

✓ B25-661

12.51 0 3 h 12.81

from edge ✓ B25-631

11.14 l 3 h 11.44

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1902phae.proj..713B

July 17, 1902.

U Crup cont.

✓ B25625
Off film

✓ B24863
Off film

B22990
Off film

✓ B22683
11.14 l, t 11.24

B21777
Not rec'd from Pur.

✓ B6509 Sp.
St. on edge of pl.

✓ B19869 Sp.
10.74 R, t 10.84

✓ B13794 Sp.
Pl. broken

✓ B9422 Sp.
10.74 R, t 10.84

✓ B13084 Sp.
St. on edge of pl.

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1902phae.proj..713B

July 17, 1902.

U Cruc cont.

✓ B12874 Sp.
Too near corner.

✓ B12892 Sp.
Off film

✓ B12820 Sp.
9.23 e l, s 9.33

✓ B12893 Sp.
Off film

✓ B11263 Sp.
9.23 e l, s 9.33

✓ B.19069
12.01 m 20 12.21 12.31 = 12.26 05⁻ 05⁻
12.31 o 20 12.51

✓ B 95-38
Poor pl

B 5438 Sp.
Star edge

✓ B 2396
Too near edge

✓ B17275⁻
12.51 o 10 12.61
p s

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1902phae.proj..713B

July 17, 1902.

U Crux cont.

B18810

✓ 11.56 m 2 r 11.76 11.81 = 11.78 02 03

11.81 r 2 m 12.01

✓ B19473

Off film

✓ B19672

12.51 01 A 12.61

B15240

12.51 02 A 12.71

✓ B7227

Rbor pb

B18565

Too near edge of film

✓ B19671

Too near edge of plate

✓ B19566

Near comm

✓ B16868

Off film

✓ B17108

Too near edge of pl

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1902phae.proj..713B

July 17, 1902.

α Crucis cont.

✓ B18206
Too near corner

✓ B18632
Too near edge of pl.

✓ B13862

12.01		m 2 r	12.21	12.21 = 12.21 00 00
12.21		r 3 d	12.51	

✓ B15636
Too near edge of pl.

✓ B16302
Too near edge of pl

✓ B9355
Too near edge of pl

✓ B19076
Too near edge of pl.

Fair edge B15921

✓ 11.56		m 2 r	11.76	11.71 = 11.74 02 03
11.71		r 3/2 m	12.01	

✓ B16044
Near edge of pl

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1902phae.proj..713B

July 17, 1902

δ Crux cont

✓ B16129
Star edge of pl

✓ B16381
Too near edge of pl

✓ B16598
Too near edge of pl

✓ B15422
Too near edge of pl

✓ B13564
Off film

✓ B9704
Off film

✓ B9233
Too near edge of pl

✓ B19268
12.51 (0)
12.31
near 12.11 (2) 12.31 = 12.26 05-05
or 20 12.51

✓ B16869
12.01 near 12.21 12.31 = 12.26 05-05
12.31 or 20 12.51

✓ B18637
11.14
Dir 11.24
m St

✓ B17109
12.93 pr 1 St 13.03

1902phae.proj...713B

July 19 1902.

Variable 8h 24.6 −75° 5' 6.9 JC 8h 20.54
Comp. stars on B26984.

✓ B26984
12.78 t 1 r 12.88
R

✓ B18049
9.28 d 1 r 9.38 9.33 = 9.36 02 03
9.33 r 2 l 9.53

✓ B22237 Sp.
9.28 d 3 r 9.58
l St ?

✓ B15169 Sp.
9.28 d 4 St 9.68

✓ B15170 Sp.
10.81 l 1 St 10.91

✓ B4578 Sp.
8.22 a 2 St 8.42

Ph. Waibel B 4887
✓10.07 ~~q 2 r ?~~ ~~10.27 10.17 = 10.22 05 05~~
~~10.17~~ ~~q 1 l ?~~ ~~10.27~~
~~9.75~~ l 2 St 9.95
✓ B4889
10.81 l 1 St 10.91

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1902phae.proj..713B

July 19, 1902.

GC 8h 2054 cont.

✓ B4939
Too edge of pl.

Poor pl. ✓ B4906
10.07 q.1 st 10.17

✓ B5110 Sp.
Too near edge of pl

✓ B5058
Poor pl

✓ B5856
10.59 k2r 10.79 10.51 = 10.65 14 14
10.51 r 3 l 10.81

✓ B5852
Poor plate

✓ B5857
10.59 k2r 10.79 10.51 = 10.65 14 14
10.51 r 3 l 10.81

✓ B5926
9.28 d 1r 9.38 9.33 = 9.36 02 03
9.33 r 2 e 9.53

✓ B6446
Poor pl

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1902phae.proj...7158

July 19, 1902.

2 C 8h 2054 cont.

✓ B7228 Sp.
Stars comm

✓ B8990 Sp.
8.22 a 2 S 8.42

✓ B8979 Sp.
8.22 a 1 S 8.32

✓ B10820 Sp.
Tow mar idge ft pl

✓ B9004
9.00 c 1, S 9.10

✓ B11013 Sp.
8.22 a 1 S 8.32

✓ B11161
9.75 f ✱ 3 r 10.05 9.97 = 10.01 04 04
9.97 r ✱ f g 10.07

✓ B12539
10.81 l 2, S 11.01

✓ B12540
11.83 f v 1 r 11.93
g S

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1902phae.proj..713B

July 19, 1902

D C h 8 2054 cont.

✓ B12735
Too much edge of pl.

✓ B12737

11.61	02 r	11.81	11.58 = 11.67	14	14
11.53	o-3 p	11.83			

✓ B12746
Too much corner.

✓ B12977

9.75	3 r	10.05	9.87 = 9.96	09	09
9.87	o 2 g	10.07			

✓ B12981

9.75	3 r	10.05	9.87 = 9.96	09	09
9.87	o 2 g	10.07			

✓ B19-04
Too much corner of pl.

✓ B19108

12.21	9 1 r	12.81	12.33 = 12.32	01	01
12.33	o 1 v	12.43			

✓ B1889s
Too much corner of pl.

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1902phae.proj...7199

July 19, 1902

DC 8h 2054 (cont.)

✓ B21262

12.21 q 1 r 12.31 12.33 = 12.32 01 01

12.33 r 1 p 12.43

✓ B21065

Too near corner

✓ Near corner B2225-q

9.00 c3 r 9.30 9.08 = 9.19 11 11

9.08 r 2 d 9.28

✓ B22410

12.43 p 1 r 12.53

p A

✓ B22638

11.83 p 1 A 11.93

✓ B22668

Near corner

✓ B22802

10.81 q 1 A 10.91

✓ B24696

11.33 n 1 A 11.43

✓ B24661

10.81 q 1 A 10.91

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1902phae.proj..713B

July 19, 1902.

QC 8h 20m 54 coast.

✓ B24660

10.81 l, t 10.91

✓ B24624

Near edge of pl.

✓ B24318

8.70 f 3 c 9.00 8.70 = 8.85 10 15

8.70 c 2 c 9.00

✓ B15222 Sp.

9.75 f 1 t 9.85

✓ B13192

Near corner

✓ B13008

9.75 f 3 c 10.05 9.97 = 10.01 04 04

9.97 c 1 g 10.07

✓ B16526

Toomuch corner

✓ Near corner B16215

9.75 f 1 t 9.85

✓ B16214

10.27 h 1 t 10.37

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1902phae.proj...7198

July 19 1902.

Dg C 8h 20s-4 cont.

✓ B18046

9.75⁻ f 1r 9.85= 9.77 = 9.81 04 04
9.77 r 3g 10.07

✓ B18076

9.75⁻ f 3r 10.05⁻ 9.77 = 9.91 14 14
9.77 r 3g 10.07

✓ B4580 Sp
Poor plate-

✓ B2705-8
Near edge of pl.

✓ B27194
12.43 2 1 A 12.5⁻3

✓ B26689
9.75⁻ f 2 A 9.95⁻

✓ B26690
10.81 f 1r 10.91 11.01 = 10.96 05 05
11.01 r 1m 11.11

✓ B2665-3
11.11 m 1r 11.21 11.23 = 11.22 01 01
11.23 r 1m 11.33

✓ B26729
1081 f 1r 10.91 11.01 = 11.96 05⁻ 05⁻
11.01 r 1m 11.11

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1902phae.proj..713B

July 19 1902.

D C 8 h 2054 cont.

✓ B26768

11.11 m l r 11.21 11.13 = 11.17 04 04

11.13 r 2 m 11.33

✓ B26819

10.59 2 l t 10.69

✓ B26840

Too near corner

✓ B26826

11.61 0 l r 11.71 11.73 = 11.72 01 01

11.73 r l p 11.83

✓ B26932

11.83 p l t 11.93

✓ B26936

11.61 0 l t 11.71

✓ B26957

Too near edge of pl.

✓ B24988

Star edge of pl

✓ B24707

11.83 p 2 r 12.03 12.01 = 12.02 01 01

12.01 r 2 q 12.21

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1902phae.proj..7139

July 19 1902.

Dj C 8h 2054 cont.

✓ B 25-138
11.83 pr 1 st 11.93

✓ B26988
12.63 d 1 r 12.73 12.68 = 12.70 03 02.
12.68 r 1 b 12.78

✓ B21265-
11.61 o 1 st 11.71

✓ B21392
12.43 r 1 st 12.53

✓ B12979
9.75- f 3 r 10.05- 9.87 = 9.96 09 09
9.87 r - 2 g 10.07

✓ B12584
11.83 pr 2 r 12.03
g st

✓ B5316
10.59 r 1 r 10.69 10.61 = 10.65- 04 04
10.61 r 2 b 10.81

✓ B4702
11.83 pr 1 st 11.93

✓ B15-261
9.28 d 1 r 9.38 9.33 = 9.36 02 03
9.33 r 2 b 9.53

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1902phae.proj..713B

July 19 1902

GC 8 2054 cont.

✓ B 26 480

9.75 f 1r 9.85 9.97 = 9.91 06 06
9.97 r 1g 10.07

✓ B 16247

11.83 f 1 st 11.93

✓ B 26745

10.81 f 1r 10.91 10.81 = 10.86 05 05
10.81 r 2 m 11.11

✓ B 19291

H.S. 11.83 ~~m 1r~~ ~~11.43~~ 11.51 = 11.47 04 04
11.51 ~~r 1 d~~ ~~11.61~~
11.83 f 2 st ~~11.93~~ 12.03

✓ B 11082

9.75 f 1r 9.85 9.87 = 9.86 01 01
9.87 r 2 g 10.07

✓ B 25051

12.21 f 1r 12.31 12.33 = 12.32 01 01
12.33 r 1 N 12.43

✓ B 24321

9.28 f 2r 9.48 9.23 = 9.36 12 13
9.23 r 3 e 9.53

Next comes B 21456 S/N

✓ 8.22 a 3 st 8.52

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1902phae..proj..713P

July 21, 1902

Dec 8h 2054 cont.

✓ B7637
8.70 f3r 9.00 8.80 = 8.90 10 10
8.80 r2c 9.00

✓ A3113
12.21 q1A 12-31

✓ A4895
11.11 m2r 11.31 11.03 = 11.17 = 14 14
11.03 q3m 11.33

✓ A2492
11.83 fv2 St 12.03

✓ A2432
Too badly broken to be measured?

✓ B28974
11.83 fv2St 12.03

✓ B28951
Too near edge of pl.

✓ B28935
11.11 m1. St 11.21

✓ B28830
10.81 l1 St 10.91

✓ B28797
10.07 q2 St 10.27

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1902phae.proj..713B

July 22, 1902

h
Dj C 8 2054 cont.

✓ B20970

9.28 d 2 r 9.48 9.43 = 9.46 02 03
9.43 a - 1 e 9.53

✓ B20966

9.75 f 1 r 9.85 9.87 = 9.86 01 01
9.87 a - 2 g 10.07

✓ B20875

7 8
8.80 f 1 r 8.90 8.90 = 8.8.5 05 05
8.90 a - 1 c 9.00

✓ B5643
Too near edge of plate

✓ B27385
Too near comet

✓ B27342
Surface

✓ B27307
11.33 m 1 A 11.43

✓ B27303
Too near comet

✓ B27223

12.21 g 2 r 12.41 12.33 = 12.37 04 04
12.83 a 1 e 12.43

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1902phae..proj..713B

July 22, 1902.

GC 8h 2054 cont.

v B24443 Spr.

9.28	d 2r	9.48	9.38 = 9.43	05	05
9.38	r 2 v	9.53			

v B24452 Spr.

9.28	d 1 r	9.38	9.43 = 9.40	02	03
9.43	r 1 v	9.53			

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1902phae.proj..713B

July 24 1902.

Nova Carinae. late plates

$11^h 3.0 - 60^m 16$ (1875)

Carinae. plates mark. on Bg47

✓ B15083

14.21 m.1 A 14.31

✓ B15132 Sp.

11.31 m.1 A 11.41

✓ Bg098

8.83 d.1 A 8.93

✓ B15-131

12.71 q.1 A 12.81 12.91 = 12.86 05 05

12.91 a-1 N 13.01

✓ B15042 Sp.

10.83 l.1 A 10.93

✓ B15611 Sp.

12.26 fv.2 A 12.46

✓ B15-149 Sp.

9.38 e2 A 9.58

✓ B17025 Sp.

8.83 d.1 A 8.93

✓ B15-140 Sp.

Pl trailed

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1902phae.proj...713B

July 24, 1902.

Nova Cor.

✓ B15151

13.01 R 1, r ? 13.11 13.21 - 13.16 05 05

13.21 r 10 ? 13.31

✓ B15016

13.01 R 1 r ? 13.11 13.11 = 13.11 00 00

13.11 r 20 ? 13.31

✓ B125-36
Too near edge of pl

✓ B12792
Too near edge of pl

✓ B12832
Too near edge of pl

✓ B10796
Poor plate

✓ B12470
Too near edge of pl

✓ B18454
Too near edge of pl

✓ B18282
Too near edge of pl

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1902phae.proj..713B

July 24, 1902

Nova Cal.

✓ B 9290
Off film

✓ B12742
Off film

✓ B12791
Off film

✓ B12833
Off film

✓ B12939
Off film

✓ B13478
10.63 k2a 10.83 10.63 = 10.73 10 10
10.63 a2l 10.83

✓ B10854
Off film

✓ B11171
Off film

✓ B12537
Off film

✓ B27671
Lupus

✓ B36017
✓ 11.33 m1 S 11.43
B15016
14.23 m1 S 14.33
✓ B16042
11.33 m1 S 11.43
✓ B10924
13.03 m1 S 13.13

✓ B6501
10.10 g1 S 10.2

✓ B5119 Off.
Poor image.
✓ B11141
11.73 a1 S 11.83

✓ a2231
11.33 m1 S 11.43

✓ B21439
14.23 m1 S 14.33

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1902phae.proj..713B

July 24, 1902.

Terra Cot.

✓ B29043
13.01 h l A < 13.11

✓ B27000
11.71 02 A. 11.91

✓ B21300
14.21 m 2 A 14.41

✓ B24857
Toward edge of pl

✓ B24970
11.31 m 2 A. 11.51

✓ B21557.
13.01 h l a 13.11 13.21 = 13.16 05 05
13.21 0 1 A. 13.31

✓ B21439
13.71 h l a 13.81 14.11 = 13.96 15 15
14.11 a 1 m 14.21

✓ B25-024
Off film

✓ B25-185
Toward edge of film

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1902phae.proj..713B

July 24, 1902.

Nova Cir.

B25356

✓

13.01 R10 13.11 13.21 = 13.16 05 05

13.21 01D 13.31

✓ B25441

12.26 pr 2 12,46

✓ B25490

Near edge of film

✓ B25655

11.71 02 A 11.91

✓ B26841

Too near edge of film

✓ B26842

Too near edge of pl

✓ B26856

Off film

✓ B26857

11.71 02 A 11.91

✓ B26939 Off film

✓ B26941

12.71 91 A 12.81

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1902phae.proj..7139

July 24, 1902.

✓ B26967 Nova Car.
12.71 q 1 St 12.81

✓ B27169
12.26 pl 1 St 12.36

✓ B27295
Too near edge of pl.

✓ B27332
12.71 q 1 St 12.81

✓ B27377
Surface

✓ B27574
13.01 s 1 St 13.11

✓ A 3018
14.21 m 2 St 14.41

✓ A 3101
12.26 pl 1 St? 12.36

✓ A 3012
14.21 m 1 St 14.31

✓ A 2958
14.21 m 1 St 14.31

✓ A 3013
14.21 m 1 St 14.31

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1902phae.proj..713B

July 25, 1902.

Iowa Cal. cont.

✓ A3107

12.26 fp 2 St 12.46

A3106

✓ 12.26 fp 1 St 12.46

✓ A3105

11.71 02 St 11.91

✓ A3104

12.71 q 1 St 12.81

✓ A3103

12.71 q 2 St 12.91

✓ A3102

11.71 01 St 11.81

✓ A3076

Not Found.

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1902phae.proj..713P

RT Virgo BD +5° 2708
12h 55m.3 +5° 57'.9 (1855)
Comp. plan on d 10 491

B 20031

✓
8.70 c 3 r 9.00 9.00-9.00 00 00
9.00 r 3 d 9.30

B 19834

✓ 8.70 c 2 r 8.90 9.10 = 9.00 10 10
9.10 r 2 d 9.30

✓ B 19 5-3-5-

9.90 c 1 r 10.00 10.32 = 10.16 16 16
10.32 r 3 f 10.62

B 19395 Sp.

✓
8.70 c 2 r 8.90 9.20 = 9.05 15 15
9.20 r 1 d 9.30

✓ d 20299

8.70 c 1 r 8.80 9.20 = 9.00 20 20
9.20 r 1 d 9.30

✓ d 20115

8.70 c 1 r 8.80 9.10 = 8.95 15 15
9.10 r 2 d 9.30

✓ d 20018

8.70 c 3 r 9.00 9.10 = 9.05 05 05
9.10 r 2 d 9.30

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1902phae.proj..713B

Sept: 4, 1902.

RT Virgo (cont.)

✓ l 19758

8.70 c 3 r 9.00 9.20 = 9.10 10 10
9.20 r 1 d 9.30

✓ l 19551

9.30 d 3 r 9.60 9.70 = 9.65 05 05
9.70 r 2 l 9.90

✓ l 18319

8.70 c 2 r 8.90 9.20 = 9.05 = 15 15
9.20 r 1 d 9.30

✓ l 18132

8.70 c 3 r 9.10 9.00 = 9.05 05 05
9.00 r 3 d 9.30

✓ l 18094

8.70 c 2 r 8.90 9.10 = 9.00 10 10
9.10 r 2 d 9.30

✓ l 18045

8.70 c 3 r 9.00 9.10 = 9.05 05 05
9.10 r 2 d 9.30

✓ l 18020

8.70 c 3 r 9.00 9.00 = 9.00 00 00
9.00 r 3 d 9.30

✓ l 17986

9.30 d 1 r 9.40 9.70 = 9.55 15 15
9.70 r 2 l 9.90

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1902phae.proj...7139

Sept. 4, 1902.

R T Virgo (cont.)

✓ l 17597 Toomuch edge of Tel.

✓ l 17833

9.30 d 1r 9.40 9.60 = 9.50 10 10

9.60 r 3 l 9.90

✓ l 17951

8.70 c 3r 9.00 9.20 = 9.10 10 10

9.20 r 1 d 9.30

✓ B 18406

8.70 c 3r 9.00 9.00 = 9.00 00 00

9.00 r 3 d 9.30

✓ B 16671

8.70 c 3r 9.00 9.10 = 9.05 05 05

9.10 r 2 d 9.30

✓ B 16558

8.70 c 3r 9.00 9.00 = 9.00 00 00

9.00 r 3 d 9.30

✓ B 16309

8.70 c 3r 9.00 9.10 = 9.05 05 05

9.10 r 2 d 9.30

✓ l 17529

8.70 c 3r 9.00 9.00 = 9.00 00 00

9.00 r 3 d 9.30

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1902phae.proj..713B

Sept. 4, 1902.

RT Virg - (cont.)

✓ l 17292

8.70 C4r 9.10 9.00 = 9.05 05 05
9.00 r 3d 9.30

✓ l 13987

8.70 C3r 9.00 9.00 = 9.00 00 00
9.00 r 3d 9.30

✓ l 14546

8.70 C3r 9.00 9.00 = 9.00 00 00
9.00 r 3d 9.30

✓ l 14792

9.30 d 1r 9.40 9.60 = 9.50 10 10
9.60 r 3l 9.90

✓ l 15123

8.70 C3r 9.00 9.10 = 9.05 05 05
9.10 r 2d 9.30

✓ l 15161

8.70 C3r 9.00 9.20 = 9.10 10 10
9.20 r 1d 9.30

✓ l 15206

8.70 C3r 9.00 9.00 = 9.00 00 00
9.00 r 3d 9.30

✓ l 15301

8.70 C3r 9.00 9.10 = 9.05 05 05
9.10 r 2d 9.30

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1902phae.proj.,.713P

Sept. 4, 1902.

RT Virgo (cont.)

✓ l16543

8.70 c3r 9.00 9.10 = 9.05 05 05
9.10 r2d 9.30

✓ l16744

9.30 d2r 9.50 9.60 = 9.55 05 05
9.60 r3l 9.90

✓ l17030

8.70 c2r 8.90 9.10 = 9.00 10 10
9.10 r2d 9.30

✓ B28072

8.70 c3r 9.00 9.10 = 9.05 05 05
9.10 r2d 9.30

✓ B27957

8.70 c3r 9.00 9.00 = 9.00 00 00
9.00 r3d 9.30

✓ B27746

8.70 c3r 9.00 9.10 = 9.05 05 05
9.10 r2d 9.30

✓ B27250

8.70 c3r 9.00 9.00 = 9.00 00 00
9.00 r3d 9.30

✓ B27206

9.30 d1r 9.40 9.70 = 9.55 15 15
9.70 r2l 9.90

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1902phae.proj..713B

Sept. 4, 1902.

RT Trigo (cont.)

✓ B25683

9.30 d 1r 9.40 9.60 = 9.50 a 10 10
9.60 r 3l 9.90

✓ B25539

9.30 d 1r 9.40 9.60 = 9.50 10 10
9.60 r 3l 9.90

✓ B25416

8.70 c 4r 9.10 9.10 = 9.10 ~~00~~ ~~00~~
9.10 r 2d 9.30

✓ B25326

Pl. damaged in transit.

✓ B25029

8.70 c 2r 8.90 9.10 = 9.00 10 10
9.10 r 2d 9.30

✓ B24870

9.30 d 1r 9.40 9.70 = 9.55 15 15
9.70 r 2l 9.90

✓ B24785

Poor fil.

✓ B24691

8.70 c 3r 9.00 9.00 = 9.00 ~~00~~ ~~00~~
9.00 r 3d 9.30

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1902phae.proj..713B

Sept. 4, 1902

B23192
8.70 c3r 9.00 9.00=9.00 00 00
9.00 r3d 9.30

B23011
8.70 c3r 9.00 9.00=9.00 00 00
9.00 r3d 9.30

B22761
8.70 c3r 9.00 9.00=9.00 00 00
9.00 r3d 9.30

B22533
8.70 c3r 9.00 9.00=9.00 00 00
9.00 r3d 9.30

B21080
8.70 c3r 9.00 9.00=9.00 00 00
9.00 r3d 9.30

B21469
9.90 l2r 10.10 10.32=10.21 11 11
10.32 r3f 10.62

B21846
9.30 d2r 9.50 9.80=9.65 15 15
9.80 r1l 9.90

B21870
8.70 c3r 9.00 9.10=9.05 05 05
9.10 r2d 9.30

l26989
8.70 c2r 8.90 9.00=8.95 05 05
9.00 r3d 9.30

l26546
8.70 c3r 9.00 9.00=9.00 00 00
9.00 r3d 9.30

l25372 37 0333
8.70 c2r 8.90 9.30 9.60 9.27
9.30 r0d 9.30
9.60 r3l 9.90

l25281 Spr 10 10
9.30 d2r 9.50 9.70=9.60
9.70 r2l 9.90

l25185 Spr? Purple

l25090 05 05
8.70 c3r 9.00 9.10=9.05
9.10 r2d 9.30

l24989 Streak edge
edge pl 10.12
10.12 r5f 10.62

l24772 15 15
8.70 c2r 8.90 9.20=9.05
9.20 r1d 9.30

l24750 Streak edge
edge pl 10.12
10.12 r5f 10.62

l24576 15 15
8.70 c2r 8.90 9.20=9.05
9.20 r1d 9.30

l24432 00 00
8.70 c3r 9.00 9.00=9.00
9.00 r3d 9.30

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1902phae.proj..713B

Sept. 14, 1902.

RT Virgo (cont.)

✓ l 22638 Sp.

8.70 c 2 r 8.90 9.10 = 9.00 10 10
9.10 r 2 d 9.30

✓ l 22562

8.70 c 2 r 8.90 9.00 = 8.95 05 05
9.00 r 3 d 9.30

✓ l 22376

8.70 c 2 r 8.90 9.00 = 8.95 05 05
9.00 r 3 d 9.30

✓ l 22367

8.70 c 3 r 9.00 9.00 = 9.00 00 00
9.00 r 3 d 9.30

✓ l 22317 Sp.

8.70 c 2 r 8.90 9.10 = 9.00 10 10
9.10 r 2 d 9.30

✓ l 22184

8.70 c 2 r 8.90 9.10 = 9.00 10 10
9.10 r 2 d 9.30

✓ l 20560

8.70 c 2 r 8.90 9.00 = 8.95 05 05
9.00 r 3 d 9.30

✓ l 20625

8.70 c 2 r 8.90 9.20 = 9.05 15 15
9.20 r 1 d 9.30

✓ l 20712

8.70 c 2 r 8.90 9.20 = 9.05 15 15
9.20 r 1 d 9.30

✓ l 20762

9.00 10
8.70 c 2 r 8.90 9.10 = ~~8.95~~ 05 10
9.10 r 2 d 9.30

✓ l 20777 Sp.

8.70 c 2 r 8.90 9.10 = 9.00 10 10
9.10 r 2 d 9.30

✓ l 20869

8.70 c 2 r 8.90 9.10 = 9.00 10 10
9.10 r 2 d 9.30

✓ a 5578

8.70 c 2 r 8.90 9.10 = 9.00 10 10
9.10 r 2 d 9.30

✓ a 5724

8.70 c 2 r 8.90 9.30 970 = 9.30
40 00 40
9.30 r 0 d 9.30
9.70 r 2 e 9.90

✓ B 16635

00 00
8.70 c 3 r 9.00 9.00 = 9.00
9.00 r 3 d 9.30

✓ B 15436

05 05
9.30 d 2 r 9.50 9.60 = 9.55
9.60 r 3 e 9.90

✓ B 18903

10 10
9.30 d 2 r 9.50 9.70 = 9.60
9.70 r 2 e 9.90

B ~~T~~ 4671

8.70 c 2 r 8.90 9.00 = 8.95 05 05
9.00 r 3 d 9.30

✓ l 20585

10
8.70 c 2 r 8.90 9.10 = 9.00 10
9.10 r 2 d 9.30

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1902phae..proj...713B

✓ 0 24588

8.70 c 2r 8.90 9.00 = 8.95 05 05
9.00 r 3d 9.30

✓ B33161

8.70 ↗3r 9.00 9.20 = 9.10 10 10
9.20 r 1d 9.30

✓ 18499

8.70 ↗3r 9.00 9.20 = 9.10 10 10
9.20 r 1d 9.30

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