1903phae.proj..713

KG
11365
714

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KG11365 .714

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KC 11365.714

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January 19 1903.

Anderson's Var.

16h 10.3m +38° 8'

Comp. stars on l 28963.

✓ l 28963

12.82 p 2 r 13.02

p faintest star of sequence

✓ l 16063

12.52 r 1 St? 12.62

✓ l 25134

9.35 l 1 r 9.45 9.53 = 9.49 04 04

9.53 r 2 l 9.73

✓ l 8788

11.60 l 3 r 11.90 11.55 = 11.72 18 17

11.55 r 2 l 11.75

✓ l 22813

12.07 l 3 r 12.37 12.32 = 12.34 03 02

12.32 r 2 r 12.52

✓ l 6527

10.23 l 3 r 10.53 10.58 = 10.56 03 02

10.58 r 2 l 10.78

✓ l 21311

11.60 l 1 r 11.70 11.45 = 11.58 12 13

11.45 r 3 l 11.75

✓ l 20813 Spr.

10.23 l 2 r 10.43 10.65 = 10.54 11 11

10.65 r 1 l 10.75

Searidge. ✓ l 15387

11.15 l 3 r 11.45 11.40 11.42 03 03

11.40 r 2 l 11.60

✓ l 18292

11.75 l 1 r 11.85 11.87 = 11.86 01 01

11.87 r 2 r 12.07

✓ l 20235

Poor pl

✓ l 25714

12.07 l 2 r 12.27 12.42 = 12.34 07 08

12.42 r 1 l 12.52

✓ P 11221 Spr.

10.03 l 1 St 10.13

✓ l 11033

8.80 l 2 r 9.00 9.25 = 9.12 12 13

9.25 r 1 l 9.35

✓ l 11487 Spr.

Poor pl

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1903phae.proj..715B

January 19, 1903.

Anderson's Var. (cont.)

✓ l 13312

9.35 c 2 r 9.55 9.43 = 9.49 06 06

9.43 r 3 d 9.73

✓ l 12855

Too near edge of pl.

✓ l 14563

11.15 k 3 r 11.45 11.40 = 11.42 03 02

11.40 r 2 l 11.60

✓ l 15044

8.80 b 2 r 9.00 9.25 = 9.12 12 13

9.25 r 1 c 9.35

✓ l 15571

Too near edge of pl.

✓ l 11217

Poor plate

✓ l 6481

9.35 c 2 r 9.55 9.63 = 9.59 04 04

9.63 r 1 d 9.73

✓ l 6496

9.35 c 2 r 9.55 9.63 = 9.59 04 04

9.63 r 1 d 9.73

✓ l 6506

10.23 b 2 r 10.53 10.58 = 10.56 03 02

10.58 r 2 g 10.78

✓ l 6637

11.15 k 1 r 11.25 11.40 = 11.32 07 08

11.40 r 2 l 11.60

✓ l 1408 Sp.

Poor pl.

✓ l 1473 Sp.

Poor plate

✓ l 1488

10.23 b 2 r 10.43 10.48 = 10.46 03 02

10.48 r 2 g 10.78

✓ l 1499

Too poor in ug. prod.

✓ l 1673

11.60 l 2 r 11.80

m A

✓ l 3724

Too near edge of film.

✓ l 3750

Too near edge of film.

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1903phae.proj..715B

January 19, 1903.

Anderson's Var.

√ l 3805 Spr.
10.78 g f 1 St 10.88

√ l 5722 Spr.
10.23 f 2 St 10.43

√ l 5780 Spr.
11.03 hg 1 St 11.13

√ l 15652
11.75 m f 1 St 11.85

√ l 6240
8.15 a f 2 r 8.45 8.60 = 8.52 07 08
8.60 f 2 f 8.80

√ l 7026 Spr.
Too near edge of film

√ l 7541 Spr.
10.23 f 2 St 10.43

√ l 8619 Spr.
10.03 e 2 St 10.23

√ Near edge of pl. l 8674
11.15 k 1 St 11.25

√ H. l 8891
11.03 hg 2 r 11.33 10.95 = 11.14 19 19
10.95 r + 2 k 11.15

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1903phae.proj..715B

January 19, 1903.

Anderson's Var. cent.

l 27142

8.80 b 3 r 9.10 9.15 = 9.12 02 03

9.15 r 2 c 9.35

l 17737

12.07 m 2 r 12.27 12.42 = 12.34 07 08

12.42 r 1 m 12.52

Near edge

l 24820

b St 9.25

9.25 r 1 c 9.35

l 24861

8.80 b 2 r 9.00 9.25 = 9.12 12 13

9.25 r 1 c 9.35

Near edge.

l 24918

b St 9.15

9.15 r 2 c 9.35

l 24969 Sfr.

Poor pl.

l 28785

Far near edge of pl.

l 22917

Far near edge of pl.

l 22967 Sfr.

10.78 g 1 r 10.88 10.83 = 10.86 02 03

10.83 r 2 h 11.03

Near edge

l 23027

10.23 b 2 r 10.43 10.68 = 10.56 13 12

10.68 r 1 g 10.78

l 23384

10.03 e 1 r 10.13 10.03 = 10.08 05 05

10.03 r 2 f 10.23

l 18283

11.75 m 2 r 11.95 11.97 = 11.96 01 01

11.97 r 1 m 12.07

l 18535

r St 9.93

9.93 r 2 d 9.73

l 18976

10.03 e 1 r 10.13 10.03 = 10.08 05 05

10.03 r 2 f 10.23

l 20971

11.60 fl 2 r 11.80 11.45 = 11.62 18 17

11.45 r 3 m 11.75

l 20888

11.15 k 2 r 11.35 11.50 = 11.42 07 08

11.50 r 1 l 11.60

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1903phae.proj..715B

January 19, 1903.

Anderson's Var.

ℓ 20685
b
α St 9.15
9.15 or 2 k^c 9.35

ℓ 18242
11.60 b k 1 St 11.70

ℓ 25335
10.78 g k 2 or 10.98 10.93 = 10.96 02 03
10.93 or 1 g^h 11.03

ℓ 25479 Spv.
11.15 k 1 St 11.25

ℓ 25612 Spv.
10.78 g k 1 St 10.88

ℓ 25713
11.60 b k 2 St 11.80

ℓ 25725
12.07 m 1 or 12.17 12.32 = 12.24 07 08
12.32 or 2 o 12.52

ℓ 25724
12.07 m 1 or 12.17
m St

ℓ 26947
b
11.60 k 1 or 11.70 11.55 = 11.62 08 07
11.55 or 2 k^m 11.75

ℓ 27129
8.80 b α 2 or 9.00 9.25 = 9.12 12 13
9.25 or 1 k^c 9.30

ℓ 28827
12.07 m 3 or 12.37 12.32 = 12.34 03 02
12.32 or 2 o 12.52

B 2727 Spv.
Purple

B 2748 Spv.
Poor in neg. spec.

B 2828 Spv.
Poor in neg. spec.

ℓ 22331 Spv.
Poor in neg. spec.

ℓ 12854
Too near comp.

Cl 671
10.03 α k 1 or 10.13 10.03 = 10.08 05 05
10.03 or 2 k 10.23

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1903phae.proj..715B

January 19 1903.

Anderson's Var.

✓ A 1700

8.80 t 2 r 9.00 9.25⁻ = 9.12 12 13
9.25 r 1 t^c 9.35⁻

✓ A 1676

8.80 t 2 r 9.00 9.25⁻ = 9.12 12 13
9.25⁻ r 1 t^c 9.35⁻

Jan. 22, 1903 Measures of AC Plates for Anderson's Var.

AC 2314 ✓

8.80 t 2 r 9.00 9.25⁻ = 9.12 12 13
9.25⁻ r 1 t^c 9.35⁻

AC 937 ✓
Poor plate

AC 1239 ✓

11.75⁻ m 1 St = 11.85⁻

AC 2642 ✓

11.60 t 1 St = 11.70

AC 2856 ✓

8.80 t 1 r 8.90 9.05⁻ = 8.98 08 07
9.05⁻ r 3 t^c 9.38⁻

AC 2704 ✓

11.03 g^h 1 St = 11.13

AC 2708 ✓

10.03 e 1 St = 10.13

AC 2716 ✓

10.78 f 1 St = 10.88

AC 2719 ✓

11.60 f 1 St = 11.70

AC 2724 ✓

10.23 f 1 St = 10.33

AC 2755 ✓

11.15 f 2 St = 11.35⁻

AC 2787 ✓

11.03 g 1 St = 11.13

AC 2792 ✓

9.35⁻ e 1 St = 9.45⁻

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1903phae.proj..715B

January 22, 1903.

Anderson's Var comb.

Doo.

AC 1488

Too near edge of fld

b. image mucs.

AC 1526

9.35 c 2 r 9.55 9.63 = 9.59 04 04
9.63 r 1 d 9.73

AC 1687

10.23 f 1 r 10.33 10.48 = 10.40 07 08
10.48 r 3 g 10.78

AC 1656

8.80 b 3 r 9.10 9.15 = 9.12 02 03
9.15 r 2 c 9.35

AC 1687

11.15 hk 2 r 11.35 11.50 = 11.42 07 08
11.50 r 1 l 11.60

AC 1766

11.60 l 1 St 11.70

AC 1813

11.15 hk 1 St 11.25

AC 1916

11.60 l 2 St 11.80

AC 2123

10.78 g 2 r 10.98 10.93 = 10.96 02 03
10.93 r 1 h 11.03

AC 2532

11.60 k 1 r 11.70 11.55 = 11.62 08 07
11.55 r 2 m 11.75

Near edge.

AC 2531

11.60 k 1 St 11.70

AC 2530

11.15 kl 2 r 11.45 11.50 = 11.48 03 02
11.50 r 1 k 11.60

ε defective.

AC 2502

10.23 f 3 r 10.53 10.58 = 10.56 03 02
10.58 r 2 g 10.78

AC 2731

10.23 f 2 St 10.43

AC 2790

9.73 d 1 St 9.83

AC 2816

10.78 g 1 St 10.88

AC 2663

11.03 h 1 St 11.13

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1903phae.proj..715B

January 22, 1903

Anderson's Var. cont

AC 2647
11.75 m f 1 Δ 11.85

AC 2130
10.78 g f 2 r 10.98 10.93 = 10.96 02 03
10.93 r 1 h f 11.03

AC 1423
Poor plate
Pl trailed

AC 1411
10.03 e f 2 Δ 10.23

AC 1361
11.60 l f 1 Δ 11.70

AC 1287
11.60 l f 1 Δ 11.70

AC 1186
11.75 m f 2 r 11.95 11.97 = 11.96 01 01
11.97 r 1 m f 12.07

AC 806
9.35 c f 3 r 9.36 9.53 = 9.60 06 07
9.53 r 2 d f 9.73

AC 897
Too near edge of plate

AC 807
9.35 c f 2 r 9.55 9.63 = 9.59 04 04
9.63 r 1 d f 9.73

AC 888
9.73 d f 2 Δ 9.93

AC 2793
Too near edge

AC 2824
10.23 l f 3 r 10.53 10.68 = 10.60 07 08
10.68 r 1 f g 10.78

AC 2676
11.60 l f 2 r 11.80 11.45 = 11.62 18 17
11.45 r 3 m f 11.75

AC 2662
11.60 l f 3 Δ 11.90

AC 2651
11.15 k f 1 Δ 11.25

AC 2637
11.15 k f 2 Δ 11.35

AC 2617
11.75 m f 2 Δ 11.95

Measures of Anderson's var. cont. on pg. 19.

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1903phae.proj..715B

January 21, 1903.

h m
Var. 8 30.6 +5° 38'

Comp. stars mark. on l 28485.

✓ l 28485

10.49 l 1 r 10.59 10.51 = 10.55 04 04
10.51 r 2 f 10.71

✓ l 14875

12.63 m ~~Ft 5~~ 13.13

✓ l 8305

10.49 l 2 r 10.69 10.41 = 10.55 14 14
10.41 r 3 f 10.71

✓ l 24241

12.63 m 3 St 12.93

✓ l 10220

10.49 l 3 r 10.79 10.51 = 10.65 14 14
10.51 r 2 f 10.71

✓ l 24398

12.09 l 2 r 12.29 12.31 = 12.30 01 01
12.31 r 1 m 12.41

✓ l 17420

12.63 ~~m Ft 3~~ 12.93

✓ l 16862

12.63 m 3 St 12.93

✓ l 26414

12.63 m 4 St 13.03

✓ l 10905

12.63 m 1 St 12.73

✓ l 25976

11.36 h k 3 r 11.66 11.54 = 11.60 06 06
11.54 r 2 k 11.64

✓ l 26840

12.63 m 3 St 12.93

✓ l 19495

12.63 m 3 St 12.93

✓ l 26841

12.63 m 4 St 13.03

✓ l 14857

12.63 ~~m Ft 5~~ 13.13

✓ l 5713

12.09 l 2 r 12.29 12.31 = 12.30 01 01
12.31 r 1 m 12.41

✓ l 3-661

12.63 ~~m Ft 3~~ 12.93

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January 21, 1903.

Var. cont.

✓ l 5548
12.63 m 3 St 12.93

✓ l 5356 Sp.
11.11 g 1 r 11.21 11.16 = 11.18 03 02
11.16 r 2 h 11.36

✓ l 22265
12.41 m 2 St 12.61

✓ l 28457
10.71 f 3 r 11.01 10.91 = 10.96 05 05
10.91 r 2 g 11.11

✓ l 14021
11.64 k 3 r 11.94
k St

✓ l 14022
Plate doubled in neg. of var.

✓ l 10568
11.36 h 1 r 11.46 11.44 = 11.45 01 01
11.44 r 2 h 11.64

✓ l 10766
12.09 l 2 r 12.29
m ns.

l 9801
12.63 m 3 St 12.93

✓ l 8174
11.36 ~~h k~~ 3 St 11.66

✓ l 8304
10.71 f 1 r 10.81 10.91 = 10.86 05 05
10.91 r 2 g 11.11

✓ l 8335
9.89 c 2 r 10.09 9.99 = 10.04 05 05
9.99 r 2 d 10.19

✓ l 10474
11.36 ~~h k~~ 3 r 11.66
h St

✓ l 28019
12.63 m 3 St 12.93

✓ l 24413
12.09 l 1 r 12.19 12.21 = 12.20 01 01
12.21 r 2 m 12.41

l 24369

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1903phae.proj..715B

January 21, 1903.

Val. cont.

l 28509
10.49 l 3r 10.79 10.51 = 10.65 14 14
10.51 r 2f 10.71

l 26223
11.64 k 2r 11.84 11.79 = 11.82 02 03
11.79 r 3l 12.09

l 25-074
11.36 k 1r 11.46 11.44 = 11.45 01 01
11.44 r 2k 11.64

l 22438
12.09 l 2 St 12.29

l 22441
12.09 l 2 St 12.29

l 20595
12.09 l 1r 12.19 12.31 = 12.25 06 06
12.31 r 1m 12.41

l 20467
12.09 R yel 12.39 12.21 = 12.30 09 09
12.21 r 2m 12.41
11.64 k 2r 11.84 11.99 = 11.92 08 07
11.99 2 l 12.09

l 20466
11.36 k 2r 11.56 11.54 = 11.55 01 01
11.54 r 1k 11.64

l 19749
12.63 m 4r 13.03
R

l 19748
12.63 m 3r 12.93
R

l 17744
11.64 k 2 St 11.84

l 14880
12.63 m 1 St 12.73

l 17264
12.63 m 2 St 12.83

l 17265
12.63 m 3 St 12.93

l 17344
Poor pl.

l 17699
12.63 m 3 St 12.93

l 24794
10.49 l 2r 10.69 10.41 = 10.55 14 14
10.41 r 3f 10.71

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1903phae.proj..715B

January 24 1903.

Var. cont.

✓ l24296
12.63 ~~n 4 r~~ 13.03
R
=

✓ l21828
11.36 h 2 r 11.56 11.54 = 11.53 01 01
11.54 r 1 h 11.64

Pl. stained

✓ l21886
11.36 h 1 r 11.46 11.44 = 11.45 01 01
11.44 r 2 h 11.64

✓ l22020
12.41 m 2 r 12.61 12.53 = 12.57 04 04
12.53 r 1 m 12.63

✓ l22035
11.64 h 3 r 11.94 11.89 = 11.92 02 03
11.89 r 2 l 12.09

✓ l20637
12.41 m 1 r 12.51 12.43 = 12.47 04 04
12.43 r 2 m 12.63

✓ l 11910
12.41 m 1 s 12.51
=

✓ l14205
9.89 c 2 r 10.09 10.09 = 10.09 0000
10.09 r 1 a 10.19

✓ l20596
11.64 h 3 r 11.94 11.99 = 11.96 02 03
11.99 r 1 h 12.09

✓ l10850
12.63 m 2 ~~4~~ r 12.83
R
=

✓ l11920
12.09 l 1 s 12.19
=

✓ l28568 Pl.
10.71 f 3 r 11.01 10.91 = 10.96 05 05
10.91 r 2 g 11.11

✓ l22048
12.63 m 3 r 12.93
R
=

✓ l3900
12.63 m 4 s 13.03
=

✓ l25975
11.36 h 3 r 11.66 11.44 = 11.55 11 11
11.44 r 2 h 11.64

✓ l 8718
12.09 l 1 s 12.19
=

✓ l8332
10.49 l 2 r 10.69 10.41 = 10.55 14 14
10.41 r 3 f 10.71

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1903phae.proj..715B

January 24, 1903.

Var. cont.

ℓ 24370
12.63 m 2 σ 12.83
R

✓ ℓ 14730
11.64 k 3 σ 11.94
ℓ St

✓ ℓ 14832
12.63 m 3 σ 12.93
R

✓ ℓ 14849
12.63 m 4 σ 13.03
R

✓ ℓ 12303
Taurundgeff.

✓ ℓ 12304
12.09 ℓ 2 St 12.29

✓ ℓ 12472
12.41 m 1 St 12.51

✓ ℓ 10904
12.09 ℓ 1 St 12.19

✓ ℓ 10280
Taurundgeff.

✓ ℓ 777
12.41 m 1 St 12.51

✓ ℓ 10379
11.36 k 2 St 11.56

✓ ℓ 12099
12.63 m 3 St 12.93

✓ A 372
ℓ
12.63 ~~m 3 σ~~ 12.93
m 3 σ

✓ A 262
R
12.09 ℓ 3 σ 12.39 12.21 = 12.30 0q 0q
12.21 σ 2 m 12.41

✓ ℓ 3098
Roof ℓ

✓ ℓ 7810
12.63 m 2 St 12.83

✓ ℓ 22538 Sp.
11.63 k 1 St 11.73

✓ ℓ 24369
12.63 m 2 σ 12.83
R

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1903phae.proj..715B

Meas. of γ Hydrae Lab plates

B28864
Too near corner

B28865
Too near edge of film

A5071

7.40	a 2σ	7.60	7.60 = 7.60 00 00
7.60	σ 3 b	7.90	

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1903phae.proj..715B

January 22, 1903.

Anderson's Var. cont.

AC 2597
11.15 ~~k~~ 3 ~~k~~ 11.45

AC 2591
11.60 ~~l~~ 2 ~~k~~ 11.80

AC 2560
11.60 ~~l~~ 2 ~~k~~ 11.80

AC 2556
Too near edge

AC 2462
9.73 ~~d~~ 2 r 9.93 9.93 = 9.93 00 00
9.93 r 1 ~~e~~ 10.03

AC 2460
9.73 ~~d~~ 1 r 9.83 9.83 = 9.83 00 00
9.83 r 2 ~~e~~ 10.03

AC 2239
Poor pl

AC 1405
11.75 ~~m~~ 1 ~~k~~ 11.85

AC 1841
11.60 ~~l~~ 1 ~~k~~ 11.70

Doc. 2°. Assumed to be 1482
AC 1482
8.80 ~~b~~ 2 ~~k~~ 9.00

AC 1441
11.15 ~~k~~ 1 ~~k~~ 11.25

AC 1306
11.60 ~~l~~ 1 ~~k~~ 11.70

AC 1311
11.60 ~~l~~ 2 r 11.80 11.65 = 11.72 08 07
11.65 r 1 ~~m~~ 11.75

AC 1348
10.78 ~~g~~ 1 ~~k~~ 10.88

AC 1623
9.35 ~~c~~ 1 r 9.45 9.53 = 9.49 04 04
9.53 r 2 ~~d~~ 9.73

AC 252
11.75 ~~m~~ 1 ~~k~~ 11.85

AC 1416
11.60 ~~l~~ 1 ~~k~~ 11.70

AC 1431
11.60 ~~l~~ 2 ~~k~~ 11.86

AC 1435
10.78 ~~g~~ 1 ~~k~~ 10.88

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1903phae.proj..715B

January 22, 1903.

Anderson's obs. cont.

AC 1439
Poor pl.

AC 1275
11.60 d f 2 St 11.80

AC 1203
Poor pl.

AC 1213
Poor pl.

AC 1349
11.60 b f 3 r 11.90 11.65 = 11.78 12 13
11.65 a 1 m f 11.75

AC 2879
8.80 b f a 8.90 9.05 = 8.98 08 07
9.05 a 3 c f 9.35

AC 2403
8.80 b f 3 r 9.10 9.15 = 9.12 02 03
9.15 a 2 b c 9.35

AC 2425
8.80 b f 3 r 9.10 9.15 = 9.12 02 03
9.15 a 2 f x 9.35

AC 2447
9.73 d f 1 St 9.83

AC 2447 58
9.73 d f 2 r 9.93 9.93 = 9.93 00 00
9.93 a 1 e f 10.03

AC 1489
Poor plate.

AC 438
10.78 g f 2 St 10.98

AC 1795
Poor plate.

AC 1796
10.78 g f 1 St 10.88

AC 1759
10.23 f 2 St 10.43

AC 1734
10.78 g f 1 St 10.88

AC 1710
9.73 d f 1 St 9.83

AC 1706
9.73 d f 1 St 9.83

AC 1670
9.73 d f 2 St 9.93

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1903phae.proj..715B

January 22, 1903

Anderson's Var. cont.

AC 1647

9.73 c 2 r 9.93
e t Sf

AC 1633

9.73 d 2 r 9.93 9.93 = 9.93 0000
9.93 r 1 e 10.03

AC 1611

9.35 c t 1 r 9.45 9.53 = 9.49 04 04
9.53 r 2 d 9.73

AC 1581

9.35 c t 1 r 9.45 9.53 = 9.49 04 04
9.53 r 2 d 9.73

AC 1569

Tormarledge

AC 1567 "t" defective.

9.35 c t 1 r 9.45 9.43 = 9.44 01 01
9.43 r 2 d 9.73

AC 1566

Tormarledge

AC B 1565 Assumed to be AC

9.35 c t 1 r 9.45 9.53 = 9.49 04 04
9.53 r 2 d 9.73

AC 1559

9.35 c t 1 r 9.45 9.43 = 9.44 01 01
9.43 r 3 d 9.73

AC 2843

9.73 d 1 Sf 9.83 9.8
9.83

AC 1505

9.73 d 1 r 9.83 9.83 = 9.83 00 00
9.83 r 2 e 10.03

AC 2925

8.80 b 2 r 9.00 9.25 = 9.12 12 13
9.25 r 1 c 9.35

AC 2887

8.80 b 1 r 8.90 9.15 = 9.02 12 13
9.15 r 2 c 9.35

AC 2846

9.35 c t 1 r 9.45 9.43 = 9.44 01 01
9.43 r 3 d 9.73

AC 2834

10.23 b 2 r 10.43 10.48 = 10.46 03 02
10.48 r 3 Sf 10.78

AC 2225

11.60 b 2 Sf 11.80

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1903phae.proj..715B

January 22, 1903.

Anderson's Van cont

AC 235

10.23 f 3 St 10.53

AC 1004

9.73 d 2 St 9.93

AC 967

11.60 l 1 St 11.70

AC 871

9.73 d 1 St 9.83

AC 881

10.78 g 1 St 10.88

AC 913

10.23 f 2 St 10.43

AC 927

9.73 d 1 St 9.83

AC 928

9.73 d 1 St 9.83

AC 827

9.73 d 1 r 9.83 9.83 = 9.83 00 00
9.83 r 2 e 10.03

AC 701

11.60 l 2 r 11.80 11.65 = 11.58 08 07
11.65 r 1 my 11.75

AC 390

9.35 c 2 r 9.55 9.43 = 9.49 06 06
9.43 r 3 d 9.73

AC 743

9.73 d 2 r 9.93 9.93 = 9.93 00 00
9.93 r 1 e 10.03

AC 826

9.73 d 2 r 9.93 9.93 = 9.93 00 00
9.93 r 1 e 10.03

AC 847

10.78 g 2 r 10.98 10.93 = 10.96 02 03
10.93 r 1 h 11.03

AC 869

Pool fb

AC 397

9.35 c 2 r 9.55 9.43 = 9.49 06 06
9.43 r 3 d 9.73

AC 246

10.03 e 2 St 10.23

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1903phae.proj..715B

January 22, 1903

Andromis Vacant

AC 311
11.60 ~~l~~ 3 ~~S~~ 11.90

AC 293
11.60 ~~l~~ 1 ~~S~~ 11.70

AC 321
11.60 ~~l~~ 1 ~~S~~ 11.70

AC 324
11.60 ~~l~~ 1 ~~S~~ 11.70

AC 1324
11.60 ~~l~~ 2 ~~S~~ 11.80

AC 772
8.80 ~~l~~ 2 r 9.00 9.05 = 9.02 02 03
9.05 r 3 ~~l~~ 9.35

AC 715
10.23 ~~l~~ 2 r 10.43 10.48 = 10.46 03 02
10.48 r 3 ~~l~~ 10.78

AC 1712
9.35 ~~l~~ 1 ~~S~~ 9.45

Triangle.
AC 3133
11.75 ~~l~~ 1 r 11.85
r ~~l~~ S ?

AC 311
11.60 ~~l~~ 2 ~~S~~ 11.80

AC 723
10.78 ~~l~~ 2 r 10.98 10.73 = 10.86 12 13
10.73 r 3 ~~l~~ 11.03

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1903phae.proj..715B

January 23, 1903.

Extra Measures of Williams Algol Par.

✓ l 29839
12.17 l 3 r 12.47 12.34 = 12.40 07 06
12.34 r 2 m 12.54

✓ l 29838
12.17 l 3 r 12.47 12.34 = 12.40 07 06
12.34 r 2 m 12.54

✓ l 29828
12.17 l 3 r 12.47 12.34 = 12.40 07 06
12.34 r 2 m 12.54

✓ l 29840
12.17 l 2 r 12.37 12.24 = 12.30 07 06
12.24 r 3 m 12.54

✓ l 29841
12.17 l 3 r 12.47 12.34 = 12.40 07 06
12.34 r 2 m 12.54

✓ l 29842
12.17 l 2 r 13.37 12.24 = 12.30 07 06
12.24 r 3 m 12.54

✓ D 14198
12.17 l 2 r 12.37 12.24 = 12.30 07 06
12.24 r 3 m 12.54

✓ D 14199
11.93 k 3 r 12.23 12.17 12.34 = 12.25 02 08 09
12.17 r 0.l 12.17
12.34 r 2 m 12.54

✓ D 14201
Poor mg - four.

✓ D 14200
11.93 k 2 r 12.13 12.07 = 12.10 03 03
12.07 r 1 l 12.17

✓ l 29868
12.17 l 3 r 12.47 12.34 = 12.40 07 06
12.34 r 2 m 12.54

✓ l 29876
11.93 k 2 r 12.13 12.07 = 12.10 03 03
12.07 r 1 l 12.17

✓ C 14202
12.17 l 2 r 12.37 12.24 = 12.30 07 06
12.24 r 3 m 12.54

✓ l 29867
11.93 k 2 r 12.13 12.07 = 12.10 03 07
12.07 r 1 l 12.17

✓ l 29866
11.93 k 2 r 12.23 11.97 = 12.10 13 13
11.97 r 1 l 12.17

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1903phae.proj..715B

January 26, 1903.

Extra mens. of Williams Algol Var.

C 14208
Pond. Pl.

I 29895
Pond. Pl.

I 29896
Pond. Pl.

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1903phae.proj..715B

January 29, 1902.

C.D.M. -48° 4658

h m
9 20.4 -48° 26.0

Comp. stars on B24965

B24965

10.99 l 2 r 11.19 11.17 = 11.18 01 01
11.17 r 1 m 11.27

B21212

11.62 m 2 f 11.82

B11169

10.35 q 2 r 10.55 10.27 = 10.41 14 14
10.27 r 3 h 10.57

B10922

9.48 l 3 r 9.78 9.60 = 9.69 09 09
9.60 r 2 f 9.80

Streaky.

B10659

~~12.56~~
~~12.24~~ q 2 r ~~12.44~~ 12.76 R
h f

B26905

10.57 h 3 r 10.87 10.59 = 10.73 14 14
10.59 r 2 h 10.79

B25-05-2

10.79 k 2 r 10.99 10.89 = 10.94 05-05
10.89 r 1 k 10.99

B24633

9.80 f 1 r 9.90 10.10 = 10.02 12 13
10.10 r 2 q 10.35

Streaky & ill.

B24905

10.57 h 3 r 10.87 10.59 = 10.73 14 14
10.59 r 2 h 10.79

B27315

10.57 h 1 r 10.67 10.59 = 10.63 04 04
10.59 r 2 k 10.79

B20971

11.84 0 3 r 12.14 12.14 = 12.14 ~~00 00~~
12.14 r 1 f 12.24

B12890 Sp.

Too near edge.

B13017

10.99 l 2 r 11.19 11.17 = 11.18 01 01
11.17 r 1 m 11.27

B13021 Sp.

10.57 h 2 f 10.77

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1903phae.proj..715B

Jan. 29, 1903.

O.D.M. -48° 4658 (cont.)

✓ B5057
12.56 g 1 St 12.66

✓ B18083
11.84 02 r 12.04 11.94 = 11.99 05 05
11.94 r 3 f 12.24

✓ B24884
10.57 h 2 r 10.77 10.69 = 10.73 04 04
10.69 r 1 k 10.79

✓ B24904
9.80 f 3 r 10.10 10.15 = 10.12 02 03
10.15 r 2 g 10.35

✓ B24669
9.80 f 3 r 10.10 10.25 = 10.18 08 07
10.25 r 1 g 10.35

✓ B24640
Pl. trailed

✓ B22801
11.84 0 1 St 11.94
Near edge.

✓ B27018
9.48 e 4 r 9.88 9.60 = 9.74 14 14
9.60 r 2 f 9.80

✓ B12867 f/v.
9.48 e 1 St 9.58

✓ B18960
11.84 02 St 12.04

✓ B18418
12.24 f/v 2 St 12.44
Near edge of Pl.

✓ B29328
9.16 d 2 r 9.36 9.18 = 9.27 09 09
9.18 r 3 e 9.48

✓ B29318
8.91 c 2 r 9.11 9.06 = 9.08 03 02
9.06 r 1 d 9.16

✓ B28856
11.27 m 1 St 11.37

✓ B28862
11.84 0 2 St 12.04

✓ B28928
Following edge

✓ B4947 f/v.
Following edge.

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1903phae.proj..715B

 Jan. 29, 1903.

C.D.M. -48° 4658 (cont.)

B5081 Sh.
Poor fl. mi vg. frak.

B10749 Sp.
9.48 e 2 St 9.68

B18020
11.27 m 2r 11.47 11.52 = 11.50 03 02
11.52 r 1 m 11.62

B22626
12.56 q 2 r 12.76 12.91 = 12.84 08 07
12.91 r 1 v 13.01

B1935-8
13.49 t 1 St 13.59

B20941
10.57 h 2 r 10.77
h St

B7635-8
12.24 f 1 r 12.34
g St

B7846
11.840 2 St 12.04

B7847
12.56 q 1 r 12.66 12.81 = 12.74 08 07
12.81 r 2 v 13.01

B26711
9.80 f 1 St 9.90

B26966
9.48 e 1 r 9.58 9.60 = 9.59 01 01
9.60 r 2 f 9.80

B26978
9.48 e 3 r 9.78 9.60 = 9.69 09 09
9.60 r 2 f 980

B4671
10.79 k 3 r 11.09 10.79 = 10.94 15- 15-
10.79 r 2 l 10.99

B26448
~~13.29 d 1 St 13.39~~
13.01 r 1 r 13.11 13.09 = 13.10 01 01
13.09 r 2 r 13.29

B1095-4
9.48 e 3 r 9.78 9.80 10.15 = 9.91 13 11 24
9.80 r 0 f 9.80
10.15 r 2 g 10.35

B13032 Sp.
10.35 g 1 St 10.45

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1903phae.proj..715B

O.D.M. -48° 4658 (cont.)

✓ B5056
13.01 r 1 St 13.11

✓ B5013
12.24 fr 1 St 12.34

✓ B27198
9.80 f 2 r 10.00 10.05 = 10.02 02 03
10.05 r 3 g 10.35

✓ B21045
12.56 g 1 St 12.66

✓ B22532
12.24 fr 1 r 12.34 12.36 - 12.35 01 01
12.36 r 1 g 12.56

✓ B4897 Sp.
Possible eclipse.

✓ B21003
11.62 r 1 St 11.72

✓ B29189
10.35 g 1 r 10.45 10.37 - 10.41 04 04
10.34 r 2 k 10.57

✓ B10929
9.48 l 3 r 9.78 9.70 = 9.74 04 04
9.70 r 1 f 9.80

✓ B27134
9.80 f 2 r 10.00 10.25 = 10.12 12 13
10.25 r 1 g 10.35

✓ B7697
12.24 fr 2 r 12.44 12.46 = 12.45 01 01
12.46 r 1 g 12.56

✓ B22777
12.56 g 1 r 12.66
r St ?

✓ B29348
9.16 d 1 r 9.26 9.28 = 9.27 01 01
9.28 r 2 e 9.48

✓ B24885
10.57 k 1 r 10.67 10.59 = 10.63 04 04
10.59 r 2 k 10.79

✓ B27216
9.80 f 1 r 9.90 10.15 = 10.02 12 13
10.15 r 2 g 10.35

✓ B19545
13.29 d 1 St 13.39

✓ B29096
11.84 o 2 r 12.04 12.14 = 12.09 05 05
12.14 r 1 fr 12.24

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1903phae.proj..715B

 Jan. 29, 1903.

B.D.M. -18° 4658 (cont.)

B 2915-2
10.99 l 2 r 11.19 11.17 = 11.18 01 01
11.17 r 1 m 11.27

B 18 425
11.84 0 2 f 12.04

B 13014
10.99 l 2 r 11.19 11.17 = 11.18 01 01
11.17 r 1 m 11.27

B 4862 Sfr.
Poor mg. f or.

a 5799 Sfr.
8.91 c 2 r 9.11 9.06 = 9.08 03 02
9.06 r 1 d 9.16

a 2327
13.01 p 1 f 13.11

a 3456
12.24 p 1 r 12.34 12.36 = 12.35 01 01
12.36 r 2 q 12.56

a 5053
9.48 l 1 r 9.58 9.50 = 9.54 04 04
9.50 r 3 f 9.80

a 2313
12.24 p 1 f 12.34

B 29784
9.16 d 1 r 9.26 9.28 = 9.27 01 01
9.28 r 2 v 9.48

B 26580
D. res. nebulous.

B 24610 Sfr.
Tor. near edge

B 4986 Sfr.
9.16 d 2 Sr 9.36

B 15798
Tor. near edge

B 5292
10.99 l 1 f 11.09

B 15325
Pon. pl.

B 16591
9.80 f 1 r 9.90 10.15 = 10.02 (12 13)
10.15 r 2 q 10.35

B 15657
11.84 0 1 r 11.94 11.94 = 11.94 00 00
11.94 r 3 p 12.24

B 4821 Sfr.
Flattening.

B 24758 Sfr.
D. neb. conv.

B 15955
11.62 m 1 r 11.72 11.64 = 11.68 04 04
11.64 r 2 0 11.84

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1903phae.proj..715B

Jan. 30, 1903.

Extra meas. of G.P.D. -6° 8921

✓ B26680
Off film.

✓ B26768
10.79 l 3 r 11.09 10.81 = 10.95 14 14
10.81 r 2 m 11.01

✓ B27307
11.23 m 2 r 11.43 11.40 = 11.42 01 01
11.40 r 1 0 11.50

✓ B27224
11.01 m 1 r 11.11 11.03 = 11.07 04 04
11.03 r 2 m 11.23

✓ B27223
Too near edge

✓ B27219
11.01 m 1 r 11.11 10.93 = 11.02 09 09
10.93 r 3 m 11.23

✓ B27342
Surface

✓ B28782
Too near edge

✓ B28979
8.63 e 2 r 8.83 9.13 = 8.98 15 15
9.13 r 1 d 9.23

✓ B26827
9.48 e 1 r 9.58 9.56 = 9.57 01 01
9.56 r 2 f 9.76

✓ B27303
11.23 m 2 r 11.43 11.40 = 11.4201 02
11.40 r 1 0 11.50

✓ B26840
9.23 d f^3 r 9.53 9.28 = 9.40 13 12
9.28 r 2^2 e 9.48

✓ B27385
10.79 e 1 f 10.89

B29008
9.23 d 1 r 9.33 9.28 = 9.30 03 02
9.28 r 2 e 9.48

B28800
8.63 e 2 r 8.83 9.13 = 8.98 15 15
9.13 r 1 d 9.23

✓ B27343
Surface

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1903phae.proj..715B

Jan. 30, 1903.

✓ GDM −68° 921 (cont.)

B 26853
Off film

✓ B 26877
Poor pl.

✓ B 26907
Off film

✓ B 26935
Off film

✓ B 26936

9.23 d 2v 9.43 9.18 = 9.30 13 12
9.18 v 2 e 9.48

✓ B 28922

9.23 d 3v 9.53 9.28 = 9.40 13 12
9.28 v 2 e 9.48

✓ A 5049

10.01 g 2v 10.21 10.16 = 10.18 03 02
10.16 v 1 h 10.26

✓ A 2222 Sh.

11.23 v N 11.33

✓ A 4915

10.26 h 1v 10.36 10.31 = 10.34 02 03
10.31 v 2 k 10.51

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1903phae.proj..715B

Extra meas. of ~~Williams~~ Cranshi 1 Alg. Var.

✓ C 14212
12.17 l 2r 12.37 12.24 = 12.30 07 06
12.24 r 3m 12.54

✓ Q 29917
12.17 l 1 12.27

✓ Q 29913
12.83 m 3 r 12.93 12.81 = 12.87 06 06
12.81 r 10 13.11

✓ BQ 29904
12.17 l 2r 12.37 12.24 = 12.30 07 06
12.24 r 3m 12.54

✓ Q 29897
12.17 l 1r 12.27 12.24 = 12.26 01 02
12.24 r 3m 12.54

✓ C 14213
Poor pl.

✓ C 14214
Poor pl.

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1903phae.proj, 715B

Feb. 5, 1903.

Measures of Var. 12 49.2 −57 13 (1875) h m ° ′

Comp. stars on B 30271.

B 30271

10.02d 10.22 10.54 = 10.38 16 16
9.77 d 2 r 9.97 10.67
10.54 g
10.67 r 1 d 10.77 10.64

Near comes.

B 27003

10.64 10.84
10.95 e 2 f 11.15

B 22331

10.64
10.95 e 2 f 11.15 10.84

B 22443

Too near comes.

B 8957

11.22
11.27 f 2 r 11.47 11.42
g n.s

B 12794

10.64
10.77 d 2 f 10.97 10.74

B 9641

12.67
12.65 e 1 f 12.75 12.77

B 9705

12.42
12.40 h 1 f 12.50 12.52

B 13862

12.42 12.52 12.57 = 12.54 02 03
12.40 h d 2 r 12.50 12.55 = 12.52 02 03
12.57
12.55 r 1 d h 12.65 12.67

B 13794 Sp.

Trailed

B 13563

11.22 11.52 11.40 = 11.46 06 06
11.27 f 3 r 11.57 11.47 = 11.52 05 05
11.40
11.47 r 2 g 11.67 11.60

B 13626

11.22 11.52 11.40 = 11.46 06 06
11.27 f 3 r 11.57 11.47 = 11.52 05 05
11.40
11.47 r 2 g 11.67 11.60

B 23455

11.22 11.32 11.40 = 11.36 04 04
11.27 f 1 r 11.37 11.47 = 11.42 05 05
11.40
11.47 r 2 g 11.67 11.60

B 27005

11.22 11.52 11.40 = 11.46 06 06
11.27 f 3 r 11.57 11.47 = 11.52 05 05
11.40 2 11.60
11.47 r d g 11.67

B 7276

10.02 4 10.42 10.44 = 10.43 01 01
10.77 d 2 r 10.97 10.85 = 10.91 06 06
10.44
10.85 r 2 d e 10.95 10.64

B 13255

10.64 11.04 11.02 = 11.03 01 01
10.95 e 4 r 11.35 11.07 = 11.21 14 14
11.02
11.07 r 2 f 11.27 11.22

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1903phae.proj..715B

Same sort.

✓ B 13522
11.22 11.52 11.50 = 11.51 01 01
~~11.27~~ f 3r ~~11.54 11.54 = 11.54 00 00~~
11.50
~~11.67~~ r 1 g ~~11.67~~ 11.60

✓ B 9414
11.60 11.70 11.70 = 11.70 00 00
~~11.67~~ g 1 r ~~11.77 11.75 = 11.76 01 01~~
11.76
~~11.75~~ r 2 h ~~11.95~~ 11.90

✓ B 9422 Sp.
10.64
~~10.95~~ h 1 r ~~11.05~~ 10.74

✓ B 9455 Sp.
9.46
~~9.49~~ h 1 r ~~9.59~~ 9.56

✓ B 9485
11.60 11.90 11.70 = 11.80 10 10
~~11.67~~ g 3r ~~11.97 11.75 = 11.86 11 11~~
11.70
~~11.75~~ r 2 h ~~11.95~~ 11.90

✓ B 9529
11.90
~~11.95~~ h ~~2~~ 1 r ~~12.05~~ 12.00

✓ B 9640
11.90
~~11.95~~ h 1 r ~~12.05~~ 12.00

✓ B 9549 11.80 11.80 = 11.80 00 00
11.60 11.87 11.85 = 11.86 01 01
~~11.67~~ h g 2r
11.80
~~11.85~~ r 1 h ~~11.95~~ 11.90

✓ B 3460
12.42 h 2 r 12.62 12.47 = 12.54
12.47 r 2 h 12.67 08 07

✓ B 9298
11.60 11.80 11.80 = 11.80 00 00
~~11.67~~ g h 2r ~~11.87 11.85 = 11.86 01 01~~
11.80
~~11.85~~ r 1 h ~~11.95~~ 11.90

✓ B 9356
11.60 11.80 11.60 = 11.70 10 10
~~11.67~~ g 2r ~~11.87 11.65 = 11.76 11 11~~
11.60
~~11.65~~ r 3 h ~~11.95~~ 11.90

✓ B 9364
Torn nw edge.

✓ B 9375 Sp.
10.64
~~10.77~~ h 1 r ~~10.87~~ 10.74

✓ B 9399 Sp.
10.64
~~10.77~~ h 1 r ~~10.87~~ 10.74

✓ B 11340
10.64
~~10.77~~ h 1 r ~~10.87~~ 10.74

✓ B 11339
11.22
~~11.27~~ f 2 r ~~11.47~~ 11.42

✓ B 11341
11.22
~~11.27~~ f 1 r ~~11.37~~ 11.32

✓ B 11263 Sp.
Poor image of star

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1903phae.proj..715B

Feb. 5, 1903.

Same cont.

B 11408
11.60
~~11.67~~ g 1 ~~ft~~ ~~11.77~~ 11.70

B 11338
11.60
~~11.67~~ g 1 ~~ft~~ ~~11.77~~ 11.70

B 8032 fp
Poor nebulosity & star.

B 8400 fp.
Poor nebulosity & star.

B 9150
11.22
~~11.27~~ f 2 r 11.42 11.50 = 11.46 04 04
11.50 ~~11.47~~ ~~11.57~~ = ~~11.52~~ ~~05~~ ~~05~~
~~11.57~~ r 1 g ~~11.67~~ 11.60

B 30414
10.02
~~9.77~~ d 4 r 10.42 10.44 = 10.43 01 01
10.44 ~~10.17~~ ~~10.37~~ = ~~10.37~~ ~~20~~ ~~20~~
~~10.57~~ r 2 ~~d~~ e ~~10.77~~ 10.64

B 27297
10.02
~~10.77~~ d 2 r 10.42 10.44 = 10.43 01 01
10.44 ~~10.97~~ ~~10.85~~ = 10.91 ~~06~~ ~~06~~
~~10.85~~ r 1 e 10.95 10.64

B 13207
10.64
~~10.95~~ e 2 r 10.84 11.12 = 10.98 14 14
11.12 ~~11.17~~ ~~11.16~~ ~~01~~ ~~01~~
~~11.17~~ r 1 f ~~11.27~~ 11.22

B 13679
11.22
~~11.27~~ f 1 ~~ft~~ ~~11.37~~ 11.32

B 16869
12.87
~~12.85~~ nr 1 r ? ~~12.95~~ 12.97
~~r~~ n ~~ft~~

B 20038
11.60
~~11.67~~ g 1 ~~ft~~ ~~11.77~~ 11.70

Near comet
B 26947
11.60
~~11.67~~ g 1 ~~ft~~ ~~11.77~~ 11.70

Near comet
B 26948
12.42
~~12.40~~ k 1 r ~~12.50~~ 12.52
e ~~ft~~

B 15529
11.22
~~11.27~~ f 2 r 11.42 11.50 = 11.46 04 04
11.50 ~~11.47~~ ~~11.57~~ = ~~11.52~~ ~~05~~ ~~05~~
~~11.57~~ r 1 g ~~11.67~~ 11.60

B 15540
10.64
~~10.95~~ e 4 r 11.04 11.02 = 11.03 01 01
11.02 ~~11.35~~ ~~11.07~~ = ~~11.21~~ ~~14~~ ~~14~~
~~11.07~~ r 2 f ~~11.27~~ 11.22

B 15612 fp.
Pl. trailed

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1903phae.proj..715B

Feb. 5, 1903.

Same card.

✓ B 15 423
11.90 / ~~11.95~~ h 1 sh ~~12.00~~ / ~~12.05~~

✓ B 15 506
11.22 / ~~11.27~~ f 3 r ~~11.52 11.40 = 11.46 06 06~~ / ~~11.57 11.47 = 11.52 05 05~~
11.40 / ~~11.47~~ r 2 g ~~11.67~~ 11.60

✓ B 15 293
~~13.50~~ / ~~13.48~~ 0 1 r ~~13.60~~ / ~~13.58~~

✓ B 15 354
11.60 / ~~11.67~~ g 1 sh ~~11.77~~ 11.70

✓ B 15 368
12.42 / ~~12.40~~ k 2 sh ~~12.50~~ 12.52

✓ Near edge of film
B 2975 4
10.02 / 9.77 d & 4 r ~~10.42 10.44 = 10.43 01 01~~ / ~~10.17 10.57 = 10.37 20 20~~
10.44 / ~~10.57~~ r 2 d 10.77 10.64

✓ B 2996
10.02 / 9.77 d & 4 r ~~10.42 10.44 = 10.43 01 01~~ / ~~10.17 10.57 = 10.37 20 20~~
10.44 / ~~10.57~~ r 2 d 10.77 10.64

✓ B 15 240
10.64 / ~~10.77~~ & 2 sh ~~10.97~~ 10.74

✓ B 21 702
Near edge of film.
10.64 / ~~10.95~~ e 4 r ~~11.04 11.02 = 11.03 01 01~~ / ~~11.35 11.07 11.21 14 14~~
11.02 / ~~11.07~~ r 2 f ~~11.27~~ 11.22

✓ B 21 801
11.22 / ~~11.27~~ f 2 sh ~~11.47~~ 11.42

Feb. 6, 1903

✓ Near edge.
B 21 746 Spec.
10.64 / ~~10.95~~ e 1 sh ~~11.05~~ 10.74

✓ B 25 181
10.02 / 10.77 d 4 r ~~10.42 10.44 = 10.43 01 01~~ / ~~10.97 10.85 = 10.91 06 06~~
10.44 / ~~10.85~~ r 2 e ~~10.95~~ 10.64

✓ B 25 703
10.64 / ~~10.95~~ e 3 r ~~10.94 11.102 = 10.98 04 04~~ / ~~11.25 11.07 = 11.16 09 09~~
11.02 / ~~11.07~~ r 2 f ~~11.27~~ 11.22

✓ B 25 713
10.64 / ~~10.95~~ e 3 r ~~10.94 11.12 = 11.03 09 09~~ / ~~11.25 10.17 = 11.21 04 04~~
11.12 / ~~10.17~~ r 1 f ~~11.27~~ 11.22

✓ B 25 661
10.64 / ~~10.95~~ e 3 r ~~10.94 11.02 = 10.98 04 04~~ / ~~11.25 11.07 = 11.16 09 09~~
11.02 / ~~11.07~~ r 2 f ~~11.27~~ 11.22

✓ B 21 562
11.22 / ~~11.27~~ f 1 r ~~11.32 11.40 = 11.36 04 04~~ / ~~11.87 11.47 = 11.42 05 05~~
11.40 4 / ~~11.57~~ r 2 g ~~11.67~~ 11.60

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1903phae.proj..715B

Feb. 6, 1903.

Same (cont.)

B 21567

11.22 11.52 11.50 = 11.51 01 01
~~11.27~~ f 3 r ~~11.57 11.57 = 11.57 00 00~~
11.510
~~11.57~~ r 1 g ~~11.67~~ 11.60

Star edge.

B 21616

11.90 12.10
~~11.95~~ h 2 f₂ ~~12.15~~

B 19987

11.90
~~11.95~~ h 2 r 1 f₂ ~~12.15~~ 12.10

B 19973

11.610 11.80 11.80 = 11.80 00 00
~~11.67~~ g 2 r ~~11.87 11.85 = 11.86 01 01~~
11.810
~~11.85~~ r 1 h ~~11.95~~ 11.90

B 7228

Purple

B 7227

Purple

B 7269

Possible ugly star.

B 19672

11.22
~~11.27~~ f 3 r ~~11.57~~ 11.52
g f₂

B 19069

10.02 d 10.42 10.44 = 10.43 01 01
9.77 & 4 r ~~10.17 10.57 = 10.37 20 20~~
10.44
~~10.57~~ r 2 d ~~10.77~~ 10.64

B 19474

10.02 f 10.42 10.44 = 10.43 01 01
~~10.77~~ d 2 r ~~10.97 10.85 = 10.91 06 06~~
10.44
10.85 r 1 e ~~10.95~~ 10.64

B 18778

10.02 d 10.42 10.44 = 10.43 01 01
~~9.77~~ & 4 r ~~10.17 10.67 = 10.42 25 25~~
10.44
10.67 r 1 d ~~10.77~~ 10.64

B 18810

10.02 d 10.42 10.44 = 10.43 01 01
~~9.77~~ & 4 r ~~10.17 10.57 = 10.37 20 20~~
10.44
10.57 r 2 d ~~10.77~~ 10.64

B 19993

11.90 12.00
~~11.95~~ h 2 r 1 f₂ ~~12.05~~

B 19988

11.60 11.70 11.70 = 11.70 00 00
~~11.67~~ g 1 r ~~11.77 11.75 = 11.76 01 01~~
11.70
~~11.75~~ r 2 h ~~11.95~~ 11.90

B 19869 Sp.

10.64
~~10.77~~ d 1 f₂ ~~10.87~~ 10.74

B 19908 Sp. Bl. trail edge

~~9.77 f 3 r~~ ? 10.07 10.67 = ~~10.37~~ 30 30
10.67 r 1 d 10.77

B 19268

10.02 f 10.42 10.44 = 10.43 01 01
~~10.77~~ d 1 r ~~10.87 10.75 = 10.81~~ 06 06
10.44
~~10.75~~ r 2 e 10.95 10.64

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1903phae.proj..715B

Feb. 6, 1903.

Same cont.

✓ B19824
Tooman ridge.

✓ B16046
11.22
~~11.27~~ f 3r ~~11.57~~ 11.52
g 1t

✓ B16006
Tooman ridge.

✓ B15922
11.22
~~11.27~~ f 3r ~~11.57~~ 11.52 11.40 = 11.46 06 06
11.46
~~11.47~~ r 2g ~~11.67~~ 11.60

✓ B15882
11.22
~~11.27~~ f 2r ~~11.47~~ ~~11.57~~ = 11.52 05 05
11.50
~~11.57~~ r 1g ~~11.67~~ 11.60

✓ B15767
11.22
~~11.27~~ f 1t ~~11.37~~ 11.32

✓ B15274
10.64
~~10.95~~ e 3r ~~11.25~~ ~~11.07~~ = 11.16 09 09
11.02
~~11.07~~ r 2f ~~11.27~~ 11.22

✓ B13173
11.22
~~11.27~~ f 1r ~~11.37~~ 11.32
g departure

✓ B22812
10.02 d 4
~~9.77~~ f 2r 10.42 10.44 = 10.43 01 01
10.44
~~10.57~~ r 2X e ~~10.77~~ 10.64

✓ B11318
11.60
~~11.67~~ g 2r ~~11.87~~ ~~11.85~~ = 11.86 01 01
11.86
~~11.85~~ r 1h ~~11.95~~ 11.90

✓ B22758
10.02 d 4
~~10.77~~ f 2r 10.42 10.44 = 10.43 01 01
10.44
~~10.75~~ r 2e ~~10.95~~ 10.64

✓ B12911
10.64
~~10.95~~ e 1r 10.74 11.02 = 10.88 14 14
11.02 ~~11.05~~ ~~11.07~~ = 11.06 01 01
~~11.07~~ r 2f ~~11.27~~ 11.22

✓ B27707
10.64 e
~~10.77~~ X 1r 10.74 11.02 = 10.88 14 14
11.02 ~~10.87~~ ~~10.75~~ = 10.81 06 06
~~10.75~~ r 2f ~~10.95~~ 11.22

✓ B24887
10.64
~~10.95~~ e 3r 10.94 11.02 = 10.98 04 04
11.02 ~~11.25~~ ~~11.07~~ = 11.16 09 09
11.07 r 2f ~~11.27~~ 11.22

✓ B21708
11.22
~~11.27~~ f 2r 11.42 11.50 = ~~11.46~~ 04 04
11.56 ~~11.47~~ ~~11.57~~ = 11.52 05 05
~~11.57~~ r 1g ~~11.67~~ 11.60

✓ B22685
10.64 ~~10.95~~ e 1r 10.74 11.02 = 10.88 14 14
11.02 ~~11.05~~ ~~11.07~~ = 11.06 01 01
~~11.07~~ r 2f ~~11.27~~ 11.22

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1903phae.proj..715B

Feb. 6, 1903.

Same cont.

B 29611
Surface

B 29692
10.02
~~10.77~~ d 4v
10.44
~~10.75~~ v 2 e

~~10.42 10.44~~ = 10.43 01 01
~~10.87 10.75~~ = 10.81 06 06
~~10.95~~ 10.64

B 23397
10.64
~~10.95~~ e 4v
11.02
~~11.07~~ v 2 f

~~11.04 11.02~~ = 11.03 01 01
~~11.35 11.07~~ = ~~11.21 14 14~~
~~11.27~~ 11.22

B 23431
10.64
~~10.95~~ e 2 v
11.12
~~11.17~~ v 1 f

10.84 11.12 = 10.98 14 14
~~11.15 11.17~~ = 11.16 01 01
~~11.27~~ 11.22

B 29435
Doorway corner.
Ridge.

B 29083
11.22
~~12.27~~ f 1 St

~~11.37~~ 11.32

B 29974
11.90
~~11.95~~ h 1 St

~~12.05~~ 12.00

B 29714
10.64
~~10.95~~ e 1v
11.02 v 2 f

10.74 11.02 = 10.88 14 14
11.22

B 27227
11.22 f 1v 11.32 11.40 = 11.36 04 04
11.40 v 2 g 11.60

B 10815 Sp.
Pouring from.

B 7795
Pouring

B 4968 Sp.
Pouring from.

B 3458 Sp.
Pouring from.

B 4872
Pouring from.

B 3477
11.90 h 2v 12.10 12.32 = 12.21 11 11
12.32 v 1 h 12.42

B 4904 Sp.
Pouring from.

B 4873 Sp.
Pouring from.

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1903phae.proj..715B

Same (cont.)

B4888
Poor neg. of star.

B3399
11.90 h 1 At 12.00

B10925
10.02 d 2 r 10.42 10.44 = 10.43 01 01
10.44 r 2 e 10.64

B10880
9.74 c 2 At 9.94

B10931
10.64 e 3 r 10.94 11.02 = 10.98 04 04
11.02 r 2 f 11.22

B11134
11.90 h 1 r 12.00 12.22 = 12.11 11 11
12.22 r 2 k 12.42
Near edge of film

B11142
11.22 f 1 r 11.32 11.40 = 11.36 04 04
11.40 r 2 g 11.60

B11436
11.60 g 1 At 11.70

B12904
10.64 e 1 At 10.74

B12802
10.64 e 1 At 10.74

B12820 Sp.
Poor neg. of star.

B12835
10.64 e 1 r 10.74 11.02 = 10.88 14 14
11.02 r 2 f 11.22

B25104
10.64 e 3 r 10.94 11.02 = 10.98 04 04
11.02 r 2 f 11.22

B13438 Sp.
Near edge of film

B13439 Sp.
Too near edge of film

B13488
11.22 f 3 r 11.52 11.40 = 11.46 06 06
11.40 r 2 g 11.60

B18695
10.02 d 3 r 10.32 10.44 = 10.38 06 06
10.44 r 2 e 10.64

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1903phae.proj..715B

Feb 6, 1903.

Same coast.

B 18468
11.90 h 1 At 12.00

B 18319
11.90 h 2 r 12.10
h At

Same time
B 21124
11.22 f 1 At 11.32

~~B 21123~~
Doubtful.

B 16179
Top margin of film

B 16303
11.22 f 2 r 11.42 11.50 = 11.46 04 04
11.50 r 1 g 11.60

B 17199
11.90 h 1 At 12.00

B 16724 Sp.
Poor image

B 16599
11.22 f At 11.32

B 16382
11.22 f 2 r 11.42 11.50 = 11.46 04 04
11.50 r 1 g 11.60

B 18576
10.64 l 3 r 10.94 11.02 = 10.98 04 04
11.02 r 2 f 11.22

B 18637
10.64 l 2 At 10.84

B 7275
Poor pl.

B 11437
11.90 h 2 r 12.10
h At

B 12744
11.60 g 3 r 11.90 11.70 = 11.80 10 10
11.70 r 2 h 11.90

B 18935
10.02 d x 4 r 10.42 10.44 = 10.43 01 01
10.44 r 2 d x 10.64

B 12903
10.02 d x 4 r 10.42 10.44 = 10.43 01 01
10.44 r 2 d x 10.64

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1903phae.proj..715B

Feb. 6, 1903.

Same cont.

B 12886 Sp.
Poor image from edge of film.

B 12858
Too near edge of film.

B 13887
11.90 h 2 r 12.10 12.32 = 12.21 11 11
12.32 r 1 h 12.42

B 13028 Sp
Too near edge of film

B 13085 Sp.
9.74
~~13.50~~ C 2 st ~~13.70~~ 9.94

B 12905
10.02 d 2 r 10.22 10.54 = 10.38 16 16
10.54 r 1 e 10.64

B 27779
10.02 d 3 r 10.32 10.44 = 10.38 06 06
10.44 r 2 e 10.64

Near comm.
B 27624
10.02 d & d 4 r 10.42 10.34 = 10.38 04 04
10.34 r 3 & e 10.64

Near comm
B 27425
d ~~1 1~~ 10.44
10.44 ~~d & d~~ r 2 e 10.64

B 3396
Poor image from edge of film

B 3433
12.67 l 1 r 12.77 12.67 = 12.72 05 05
12.67 r 2 m 12.87

B 3314
10.64 e 2 st 10.84

B 3321
11.22 f g 1 st 11.32

B 5402
13.15 m 1 r 13.25 13.30 = 13.28 03 02
13.30 r 2 o 13.50

Near comm
B 2269
10.02 d 4 r 10.42 10.44 = 10.43 01 01
10.44 r 2 e 10.64

Near edge of film
B 22875
9.74 c 4 r 10.14 9.72 = 9.93 21 21
9.72 r 3 d 10.02

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1903phae.proj..715B

Feb 6, 1903

Same coast

B 22877

10.02 d 2 r 10.42 10.44 = 10.43 01 01
10.44 r 2 l 10.64

Near corner

B 21235

10.64 l d 2 h 10.84

B 21304

11.22 f 2 r 11.42 11.50 = 11.46 04 04
11.50 r 1 g 11.60

B 21330

11.22 f 2 r 11.42 11.50 = 11.46 04 04
11.50 r 1 g 11.60

B 21362

11.22 f 2 r 11.42 11.50 = 11.46 04 04
11.50 r 1 g 11.60

B 21371

11.22 f 2 r 11.42 11.50 = 11.46 04 04
11.50 r 1 g 11.60

B 18284

11.90 h 1 h 12.00

B 17275

11.70 g 1 h 11.70

B 11196

11.60 g 2 r 11.80 11.80 = 11.80 00 00
11.80 r 1 h 11.90

B 7859

11.60 g 1 h 11.70

Near edge of Nb.

B 7821

11.22 f 1 h 11.32

A 2570

11.22 f 3 r 11.52 11.50 = 11.51 01 01
11.50 r 1 g 11.60

B 8509

Poor mi neg if rec.

B 2011

10.64 l 1 h 10.74

B 12343

11.60 g 1 h 11.70

B 12268

11.60 g 1 r 11.70 11.70 = 11.70 00 00
11.70 r 2 h 11.90

A 3584 8 pm

10.02 d 2 4 r 10.42 10.44 = 10.43 01 01
10.44 r 2 d 2 l 10.64

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1903phae.proj..715B

Same cont.

AM 459
10.02 d & 4 r 10.42 10.44 = 10.43 01 01
10.44 r 2 d e 10.64

AM 1342
10.02 d & 4 r 10.42 10.44 = 10.43 01 01
10.44 r 2 d e 10.64

AM 1341
10.02 d & 4 r 10.42 10.44 = 10.43 01 01
10.44 r x² d e 10.64

AM 1352
10.02 d & 3 r 10.32 10.44 = 10.38 06 06
10.44 r x² d e 10.64

AM 1349
10.02 d & x r 10.42 10.44 = 10.43 01 01
10.44 r x² d e 10.64

AM 1414
10.02 d x 3 r 10.32 10.54 = 10.43 11 11
10.54 r 1 d e 10.64

AM 1334
10.02 d & 4 r 10.42
e d t

AM 1370
10.02 d t r 10.42 10.44 = 10.43 01 01
10.44 r 2 e 10.64

AM 1363
10.02 d e 4 r 10.42 10.44 = 10.43 01 01
10.44 r x² d e 10.64

AM 1389
10.02 d & 3 r 10.32 10.44 = 10.38 06 06
10.44 r 2 d e 10.64

AM 368
Too much edge ffb

AM 408
Too much edge ffb

AM 425
10.02 d x t 10.42

AM 496
9.74 c 3 t 10.04

Do or.
AM 532
Too much edge ffb

AM 458
11.22 f t 11.32

AM 831
10.64 e 2 r 10.84 11.12 = 10.98 14 14
11.12 r 1 f 11.22

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1903phae.proj..715B

Feb. 6 1903.

Same cont.

AM 902
10.02 d x2 St 10.22

AM 1187
10.02 d x3 St 10.32

AM 1218
11.22 f St 11.32

AM 750
Tooman edge.

AM 769
10.64 e x St 10.74

AM 837
Tooman edge f pb

Tooman edge
AM 760
10.64 e x St 10.74

AM 1169
Tooman edge f pb

Tooman edge
AM 1223
9.74 c 4 St 10.14

Pan pb.
AM 364
9.74 c2 St 9.94

AM 526
9.74 c 3 St 10.04

AM 768
9.74 c2 St 9.94

AM 417
10.64 e 2 St 10.84

AM 928
Pb. trailed

AM 1258
10.64 e 2 r 10.84 11.12 = 10.98 14 14
11.12 r 1 f 11.22

AM 389
Pooman edge pan

AM 782
10.02 d 3 St 10.32

AM 806
10.02 d x3 r 10.32 10.44 = 10.38 6 6
10.44 r x2 e 10.64

Pan.
AM 946
10.02 d 2 r 10.22 10.54 = 10.38 16 16
10.54 r 1 e 10.64

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1903phae.proj..715B

Same cont.

✓ P AM 11 59
9.74 c 3 R = 10.04

✓ AM 1229
11.22 f 2 r 11.42 11.50 = 11.46 04 04
11.50 r 1 g 11.60

✓ AM 738
10.64 e 1 R = 10.74

✓ AM 954
Pl. trailed

✓ AM 481
10.64 e 2 r 10.84 11.12 = 10.98 14 14
11.12 r 1 f 11.22

✓ AM 839
10.02 d 1 R = 10.12

✓ AM 886
10.64 e 1 r 10.74 11.02 = 10.88 14 14
11.02 r 2 f 11.22

✓ AM 1190
9.74 c 3 R = 10.04

✓ AM 1224
10.02 d x R = 10.42

✓ AM 501
9.74 c 4 R = 10.14

✓ AM 400
10.02 d 3 R = 10.32

AM 1168 ✓
Missing

✓ B 16263
11.22 f 3 r 11.52 11.50 = 11.51 01 01
11.50 r 1 g 11.60

✓ B 23527
10.64 e 3 r 10.94 11.12 = 11.03 09 09
11.12 r 1 f 11.22

✓ AM 1467
10.02 d 4 r 10.42 10.44 = 10.43 01 01
10.44 r 2 e 10.64

AM 1517
Poor mid. ng. 4 mm.

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1903phae.proj..715B

February 12, 1903.

Vall. A.G.C. 13539

h m
9 51.3 -41° 7' (1900)

✓ B26682

9.10 d 3 r 9.40 9.70 = 9.55 15 15
9.70 r 2 l 9.90

✓ B18747

10.70 g 3 r 11.00 10.90 = 10.95 05 05
10.90 r 2 h 11.10

✓ B7815

10.35 f 1 r 10.45 10.50 = 10.48 03 02
10.50 r 2 g 10.70

✓ B24946

9.10 d 3 r 9.40 9.70 = 9.55 15 15
9.70 r 2 l 9.90

✓ B15019

10.70 g 3 r 11.00 10.90 10.95 05 05
10.90 r 2 h 11.10

✓ Rear edge of film
B15674

11.10 h 2 r 11.30
h R

✓ Rear edge
B15680

11.10 h 1 r 11.20
h R

✓ Comp. stars on B26682

✓ B9185

9.90 l 3 r 10.20 10.25 = 10.22 02 03
10.25 r 1 f 10.35

✓ B9554 Sp.

9.10 d 3 r 9.40 9.70 = 9.55 15 15
9.70 r 2 l 9.90

✓ B12856

10.70 g 1 3 r 11.00 10.90 = 10.95 05 05
10.90 r 2 h 11.10

✓ B25055

9.10 d 3 r 9.40 9.70 = 9.55 15 15
9.70 r 2 l 9.90

✓ B26749

9.10 d 4 r 9.50 9.70 = 9.60 10 10
9.70 r 2 l 9.90

✓ B26788

9.10 d 4 r 9.50 9.60 = 9.55 05 05
9.60 r 3 l 9.90

✓ B5017 Sp.
Poor fib

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1903phae.proj..715B

✓ Near edge of film

B 21427

10.70 g 3 r 11.00 10.90 = 10.95 05 05 10.35 f 3 r 10.65 10.50 = 10.58 07 08
10.90 r 2 h 11.10 10.50 r 2 g 10.70

✓ B 21553

10.70 g 4 r 11.10 10.80 = 10.95 15 15
10.80 r 3 h 11.10

✓ B 21605

Too near edge of fld.

✓ B 19706

9.90 e 3 r 10.20 10.15 = 10.18 02 03
10.15 r 2 f 10.35

✓ B 16504

10.70 g 3 r 11.00 10.90 = 10.95 05 05
10.90 r 2 h 11.10

✓ B 19047

10.70 g 3 r 11.00 10.90 = 10.95 05 05
10.90 r 2 h 11.10

✓ B 18801

10.70 g 3 r 11.00 10.90 = 10.95 05 05
10.90 r 2 h 11.10

Near edge of film

✓ B 18790

11.10 h 1 ≐ 11.2

A. G. C. 135-39 cont.

✓ B 18961

10.70 g 3 r 10.65 10.50 = 10.58 07 08
10.50 r 2 g 10.70

✓ B 10928

11.10 h 3 r 11.40 11.40 = 11.40 00 00
11.40 r 2 h 11.60

✓ B 1075-0 Sp.

9.10 d 3 ≐ 9.4

✓ B 7259 Sp.

Too near edge of film

✓ B 5292

9.90 e 3 r 10.20 10.15 = 10.18 02 03
10.15 r 2 f 10.35

✓ B 4986 Sp.

Too near edge of film

✓ B 16473

10.70 g 3 r 11.00 10.90 = 10.95 05 05
10.90 r 2 h 11.10

✓ B 21019

11.10 h 1 ≐ 11.2

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1903phae.proj..715B

February 12, 1903

a yC 135-39 (cont.)

B18281

9.90 l 4 r 10.30 10.15 = 10.22 08 07
10.15 r 2 f 10.35

B18146

10.70 g 3 r 11.00 10.90 = 10.95 05 05
10.90 r 2 h 11.10

B18318

10.70 g 2 r 10.90 10.80 = 10.85 05 05
10.80 r 3 h 11.10

B18627

10.70 g 3 r 11.00 10.90 = 10.95 05 05
10.90 r 2 h 11.10

B12877 sp.
Poor image of star.

B 21326

10.70 g 2 r 10.90 10.80 = 10.85 05 05
10.80 r 3 h 11.10

B21048

10.70 g 2 r 10.90 11.00 = 10.95 05 05
11.00 r 1 h 11.10

B19261
Poor plate

B22776

9.90 l 3 r 10.20 10.25 = 10.22 02 03
10.25 r 1 f 10.35

B22906

10.35 f 2 r 10.55 10.60 = 10.58 03 02
10.60 r 1 g 10.70

B22866

10.35 f 2 r 10.55 10.60 = 10.58 03 02
10.60 r 1 g 10.70

B22840

9.90 l 3 r 10.20 10.15 = 10.18 02 03
10.15 r 2 f 10.35

B15-384

11.10 h 1 r 11.20
k K

B15-501

11.10 h 1 r 11.20 11.40 = 11.30 10 10
11.40 r 2 k 11.60

B22669

9.90 l 2 r 10.10 10.25 = 10.18 08 07
10.25 r 1 f 10.35

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1903phae.proj..715B

AGC 135-39 cont.

✓ B13104 Sp.
Poor mi ug. of ra.

✓ B20975
11.10 h 1 r 11.20 11.40 = 11.30 10 10
11.40 r 2 h 11.60

✓ B5-233
9.90 e 1 r 10.00 10.15 = 10.08 08 07
10.15 r 2 f 10.35

✓ B24710
10.35 f 1 r 10.45 10.50 = 10.48 03 02
10.50 r 2 g 10.70

✓ B15177
10.70 g 3 r 11.00 11.00 = 11.00 00 00
11.00 r 1 h 11.10

✓ B7853
10.35 f 1 r 10.45 10.50 = 10.48 03 02
10.50 r 2 g 10.70

✓ B10981
11.60 h 2 r 11.80 11.88 = 11.84 04 04
11.88 r 3 l 12.18

✓ B18086
9.90 e 3 r 10.20 10.15 = 10.18 02 03
10.15 r 2 f 10.35

✓ B15-268
11.10 h 1 r 11.20 11.40 = 11.30 10 10
11.40 r 2 h 11.60

✓ B21214
10.70 g 4 r 11.10 10.90 = 11.00 10 10
10.90 r 2 h 11.10

✓ B18424
10.35 f 2 r 10.55 10.60 = 10.58 03 02
10.60 r 1 g 10.70

✓ B7854
9.90 e 2 r 10.10 10.05 = 10.08 02 03
10.05 r 3 f 10.35

✓ B10643
10.35 f 2 r 10.55 10.60 = 10.58 03 02
10.60 r 1 g 10.70

✓ B26982
10.70 g 1 r 10.80 10.80 = 10.80 00 00
10.80 r 3 h 11.10

✓ B15-210
10.70 g 2 r 10.90 10.80 = 10.85 05 05
10.80 r 3 h 11.10

✓ B15-713
10.70 g 4 r 11.10 10.90 = 11.00 10 10
10.90 r 2 h 11.10

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1903phae.proj..715B

February 12, 1903.

a 9C 135-39

✓ B26904

9.10 d 3 r 9.40 9.80 = 9.60 20 20
9.80 r 1 e 9.90

✓ B15-582

10.70 g 1 St 10.8

✓ B13682

10.70 g 2 r 10.90 10.80 = 10.85 05 05
10.80 r 3 h 11.10

✓ B12937

Pl. stained in neg. of rat.

✓ B18117

10.70 g 2 r 10.90 11.00 = 10.95 05 05
11.00 r 1 h 11.10

✓ B22640

10.35 f 2 r 10.55 10.60 = 10.58 03 02
10.60 r 1 g 10.70

✓ B15-289

10.70 g 4 r 11.10 10.90 = 11.00 10 10
10.90 r 2 h 11.10

✓ B9225

10.70 g 2 r 10.90 10.80 = 10.85 05 05
10.80 r 3 h 11.10

✓ B13194

10.70 g 3 r 11.00 10.90 = 10.95 05 05
10.90 r 2 h 11.10

✓ B4948 Sp.

Poor in neg. of rat.

✓ B13116 Sp.

9.90 e 1 St 10.0

✓ B13191

10.70 g 2 r 10.90 10.80 = 10.85 05 05
10.80 r 3 h 11.10

✓ B24901

9.90 e 3 r 10.20 10.15 = 10.18 02 03
10.15 r 2 f 10.35

✓ B25-053

9.90 e 3 r 10.20 10.15 = 10.18 02 03
10.15 r 2 f 10.35

✓ B16590

10.35 f 2 r 10.55 10.60 = 10.58 03 02
10.60 r 1 g 10.70

✓ B21177

10.70 g 1 r 10.80 10.90 = 10.85 05 05
10.90 r 2 h 11.10

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1903phae.proj..715B

Feb. 12, 1903

a VC 135-39

B 24642
9.90 e 3 r 10.20 10.15 = 10.18 02 03
10.15 r 2 f 10.85

B 15797
10.70 g 2 r 10.90 11.00 = 10.95 05 05
11.00 r 1 h 11.10

B 24703
9.90 e 3 r 10.20 10.15 = 10.18 02 03
10.15 r 2 f 10.35

B 19157 Sp.
9.90 e 2 t 10.1

Feb. 13, 1903

B 18464
10.70 g 2 r 10.90 11.00 = 10.95 05 05
11.00 r 1 h 11.10

B 16343
10.35 f 2 r 10.55 10.60 = 10.58 03 02
10.60 r 1 g 10.70

B 16092
11.10 h 2 r 11.30 11.50 = 11.40 10 10
11.50 r 1 k 11.60

B 16767
10.35 f 3 r 10.65 10.50 = 10.58 07 08
10.50 r 2 g 10.70

B 16967
9.90 e 2 r 10.10 10.25 = 10.18 08 07
10.25 r 1 f 10.35

B 13858
9.90 e 3 r 10.20 10.15 = 10.18 02 03
10.15 r 2 f 10.35

B 10795
Tomiaconner

B 10834
11.10 h 1 r 11.20
h t

B 12740
10.70 g 3 r 11.00 10.90 = 10.95 05 05
10.90 r 2 h 11.10

B 12810
10.70 g 2 t 10.9

B 12535
10.70 g 3 r 11.00 g 10.90 = 10.95 05 05
10.90 r 2 h 11.10

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1903phae.proj..715B

February 13, 1903.

A.G.C. 135-3 q cont.

✓ Bg224

10.35 f3r 10.65 10.50 = 10.58 07 08

10.50 r2g 10.70

✓ B15350

11.60 k1r 11.70 11.98 = 11.84 14 14

11.98 r2l 12.18

✓ Bg107 Sp.

9.90 l2 $\bar{A}$ 10.1

✓ B22461

9.90 e4r 10.30 10.15 = 10.22 08 07

10.15 r2f 10.35

✓ B24900

9.90 l2r 10.10 10.25 = 10.18 08 07

10.25 r1f 10.35

✓ B13103 Sp.

9.10 d1 $\bar{A}$ 9.2

✓ AM 263

9.90 e1r 10.00 10.05 = 10.02 02 03

10.05 r3f 10.35

✓ AM 743

11.10 h1r 11.20 11.40 = 11.30 10 10

11.40 r2k 11.60

✓ AM 791

10.35 f2r 10.55 10.60 = 10.58 03 02

10.60 r1g 10.70

✓ AM 779

10.35 f4r 10.75

g $\bar{A}$

✓ AM 1162

10.70 g1 $\bar{A}$ 10.8

✓ AM 1155

Poor pl.

✓ AM 1144

10.35 f1r 10.45 10.50 = 10.48 03 02

10.50 r2g 10.70

✓ AM 1202

11.10 h2r 11.30 11.50 = 11.40 10 10

11.50 r1k 11.60

✓ AM 1294

11.10 h1r 11.20

k $\bar{A}$

✓ AM 1282

10.70 g3r 11.00 10.90 = 10.95 05 05

10.90 r2h 11.10

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1903phae.proj..715B

February 13, 1903.

✓ am.

A.G.C. 135-39 (cont.)

B1274

~~Poor pl. Blank~~

✓ am 1133

9.90 e3r 10.20 10.15 = 10.18 02 03

10.15 r2f 10.35

✓ am 1419

10.35 f1r 10.45 10.50 = 10.48 03 02

10.50 r2g 10.70

✓ am 1185-1184

11.10 h2r? 11.30 11.50 = 11.40 10 10

11.50 r1h' 11.60

✓ am 340

8.40 e3r 8.70 8.90 = 8.80 10 10

8.90 r2d 9.10

✓ am 1173

10.70 g2r 10.90 11.00 = 10.95 05 05

11.00 r1h 11.10

✓ am 332

9.90 e2r 10.10 10.05 = 10.08 02 03

10.05 r3f 10.35

✓ am 1217

11.10 h1r 11.20 11.40 = 11.30 10 10

11.40 r2k 11.60

✓ am 1370

10.70 g1r 10.80 10.90 = 10.85 05 05

10.90 r2h 11.10

✓ am 1197

11.10 h1r 11.2

✓ am 754

11.10 h1r 11.20 11.40 = 11.30 10 10

11.40 r2k 11.60

✓ am B 1380

9.90 e3r 10.20 10.15 = 10.18 02 03

10.15 r2f 10.35

✓ am 415

9.90 e3r 10.20 10.15 = 10.18 02 03

10.15 r2f 10.35

✓ am B 1316

10.70 g1r 10.80 10.90 = 10.85 05 05

10.90 r2h 11.10

✓ am 371

9.90 e2f 10.1

✓ am B 325

9.90 e3r 10.20 10.15 = 10.18 02 03

10.15 r2f 10.35

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1903phae.proj..715B

February 13, 1903.

A.G.C. 13539 cont.

AM 297

9.90 e 3r 10.20 10.15 = 10.18 02 03
10.15 r 2 f 10.35

AM 1341

10.35 f 3r 10.65 10.50 = 10.58 07 08
10.50 r 2 g 10.70

AM 1223

10.70 g 2r 10.90 11.00 = 10.95 05 05
11.00 r 1 h 11.10

AM 1169

10.35 f 1 St 10.4

AM 837

10.85 f 2r 10.55 10.60 = 10.58 03 02
10.60 r 1 g 10.70

AM 769

10.70 g 1r 10.80 10.90 = 10.85 05 05
10.90 r 2 h 11.10

AM 750

11.10 h 2r 11.30 11.50 = 11.40 10 10
11.50 r 1 k 11.60

AM 430

e 3r
r 2 f

AM 404

9.90 e 1 St 10.0

AM 372

Poor plate

AM 360

9.10 d 2 St 9.3

AM 1560

Poor image of star.

AM 380

10.70 g 1 St 10.8

AM 458

9.90 e 3r 10.20 10.15 = 10.18 02 03
10.15 r 2 f 10.35

AM 432

10.35 f 2 St 10.5

AM 736

Too near edge

AM 722

9.90 e 3r 10.20 10.15 = 10.18 02 03
10.15 r 2 f 10.35

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1903phae.proj..715B

February 13, 1903.

AM

AGC 135-89 cont.

AM 780

9.90 e 3 St 10.2

AM 734
Double

AM 719
Double

AM 1247

11.10 h 1 q 11.20 11.40=11.30 10 10
11.40 o 2 k 11.60

AM 790

9.90 e 1 St 10.0

AM 1157

9.90 e 1 St 10.0

AM 1243

9.90 e 2 St 10.1

AM 1156

9.10 d 3 St 9.4

AM 1116

9.90 e 1 St 10.0

AM 296

9.90 e 3 o 10.20 10.15=10.18 02 03
10.15 o 2 f 10.35

AM 272
Too badly blended to measure

AM 469

9.90 e 3 o 10.20 10.25=10.22 02 03
10.25 o 1 f 10.35

AM 383

9.10 d 3 St 9.4

AM 316

9.90 e 3 o 10.20 10.25=10.22 02 03
10.25 o 1 f 10.35

A 3122

9.90 e 2 1/2 o 10.10 10.25=10.18 08 07
10.25 o 1 f 10.35

A 2369
Not found

AM 1145

Pl. damaged in neg. of Nov.

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1903phae.proj..715B

February 17, 1903.

a 9C 13537 nebs.

✓ B 11170°

11.10 h 3 r 11.40 11.40 = 11.40 00 00

11.40 r 2 h 11.60

✓ B 15754

Poor image of star.

✓ B 22806

9.90 h 2 r 10.10 10.05 = 10.08 02 03

10.05 r 3 f 10.35

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1903phae.proj..715B

February 19 1903.

New Variable

h m ° ′
10 32.0 −70 3 (1875)

Comp. stars mark. on B25151

✓ B25151

12.56g 1 r 12.66 12.01 - 12.58 08 09

12.01 r 3 r 12.81

✓ B9489 Sp.

8.34C 1 A 8.4A

✓ B5122 Sp.

Poor in neg. of val

✓ B11148

11.19 2 1 A 11.2

✓ B11151

11.8602 A 12.X°

B8984

12.16 p 2 A 12.X³

✓

Poor pl. B9037 Sp.

9.02 d 2 A 9.2

✓ B9099 Sp.

Too near edge of film

✓ B7215

Poor plate

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1903phae.proj..715B

February 29 1903.

New Var. (cont)

✓ B 7713 Sf.
Poor m, ug. Grad.

✓ B 7785 Sf.
Poor plate

✓ B 27353
Surface.

✓ B 24706
10.30 g 3 or 10.60
h A

✓ B 25-35-7
12.56 g 2 or ? 12.76
h A ?

✓ B 26942
11.44 m 2 A 11.6

✓ B 27137
11.44 m 1 A 11.5

✓ B 25-5-84
11.44 m 1 A 11.5

✓ B 10893
11.44 m 2 A 11.6

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1903phae.proj..715B

February 20, 1903.

New Var. Cont.

✓ B16348
11.44 m 2 f 11.6

✓ B25102
12.16 p 3 c 12.46 12.36 = 12.41 05 05
12.36 c 2 p 12.56

✓ B28938
11.44 m 1 f 11.5

✓ B20977
12.56 q 1 f 12.6

✓ B26938
12.56 q 2 f 12.7

✓ B22911
10.85 p 3 c 11.15 10.87 11.01 14 14
~~11.27~~ = ~~11.21~~ ~~06~~ ~~06~~
10.87
~~11.27~~ c 2 p 11.07

✓ B21020
Too near edge ff.

✓ B21034
9.02 d 2 f 9.3

✓ B21038
9.54 l 1 f 9.6

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1903phae.proj..715B

February 20 1903

Star Cat. cont.

✓ B21215
11.44 m l ft 11.5

✓ B21773
10.30 g 3 v 10.60 10.65 = 10.62 02 03
10.65 v 2 h 10.80

✓ B22671
10.30 g 2 v 10.50 10.55 = 10.52 02 03
10.55 v 3 h 10.85

✓ B22837
Too near edge of plate

✓ B18899
11.86 02 v 12.x°

✓ B20942
10.02 f l ft 10.1

✓ B16527
10.80 h l ft ~~1x°~~ 10.9

✓ B5855
10.02 f 3 ft 10.3

✓ B5854
10.85 h l ft ~~1x°~~ 10.9

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1903phae.proj..715B

February 29 1903.

New Val. cont.

✓ B 5853
12.16 fp 1 A 12.2

✓ B 4864 Sp.
Poorin ug. of rae.

✓ B 13095 Sp.
Poor in ug. of rae.

✓ B 13094 Sp.
Poor in ug. of rae.

✓ B 5859
12.56 fp 1 A 12.2

✓ B 12983
12.16 fp 2 A 12.3

✓ B 12986
11.86 02 A 12.0

✓ B 28922
10.02 f 2 A 10.2

✓ B 13200
12.16 fp 3 A 12.4

✓ B 15-5 18 Sp.
9.02 d 2 A 92

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1903phae.proj..715B

February 29 1903.

Stars Var. cont.

✓ B13192
11.86 02 St XX 12.0

✓ B13172
12.06 q 1 St 12.6

✓ B4838
10.85 h 2 St 11.0

✓ B4822
Poor image reg. of var.

✓ B4967
12.06 q 1 St 12.6

✓ B18898
10.02 f 1 St 10.1

✓ B19504
11.19 l 2 St 11.3

✓ B16526
10.02 f 3 St 10.3

✓ B16216
11.66 m 1 St 11.8

✓ B22988 St.
Poor image of var.

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1903phae.proj..715B

Two Variant.

✓ B22643
12.56 Projekt 12.8

✓ 10.30 g 2 r 10.50 10.60 = 10.58
10.60 r 2 h 10.80 08 07

✓ By261
11.44 m 1 h 11.5

✓ Bg354
9.54 e 3 r 9.84 9.82 = 9.83 01 01
9.82 r 2 f 10.02

✓ By246
10.80 h 1 h 10.9

✓ B18451
9.02 d 3 r 9.32 9.34 = 9.33 01 01
9.34 r 2 e 9.54

✓ Bg323
9.54 e 3 r 9.84 9.82 = 9.83 01 01
9.82 r 2 f 10.02

✓ B26827
11.44 m 1 h 11.5

✓ B27303
12.56 g 2 h 12.7

✓ B26810
11.86 0 1 h 12.0 12.9

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1903phae.proj..715B

February 29, 1903.

Stars Var. cont.

✓ B27385
11.44 m 1 f 11.5

✓ B29008
11.44 m 1 f 11.5

✓ Bq296
9.54 e 1 r 9.64 9.82 = 9.73 09 09
9.82 r 2 f 10.02

✓ B10803
10.02 f 2 f 10.3

✓ B12746
11.44 m 1 f 11.5

✓ B11136
12.16 f 1 f 12.3

✓ Bq488 f.
10.02 f 1 f 10.1

✓ B5925
12.56 q 1 r 12.66
12.81 1/2 f

✓ B8299 f.
Pool, nr. ng. of nu

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1903phae.proj..715B

February 20, 1903.

New Var. cont.

✓ B589 o Sp.
Poor image. Var.

✓ B5220
10.30 g 1 r 10.40 10.65 = 10.52 12 13
10.65 r 2 h 10.85

✓ B5198
10.85 h 1 r 10.95 10.87 = 10.91 .09 09 ~~.04 04~~
10.87 r 3 h 10.07

✓ B5177
12.56 g 3 h 12.8

✓ B5000
9.02 d 3 r 9.32 9.34 = 9.33 01 01
9.34 r 2 h 9.54

✓ B4999
9.54 h 3 r 9.84 9.82 = 9.83 01 01
9.82 r 2 h 10.02

✓ B2478 33
10.30 g 3 r 10.60 10.60 = 10.62 02 03
10.65 r 2 h 10.85

✓ B24651
9.02 d 1 r 9.42 9.44 = 9.43 01 01
9.44 r 1 h 9.54

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1903phae.proj..715B

February 29 1903.

Star Vars. cont.

✓ B21267
12.16 fp 2 At = 12.4

✓ B21063
9.54 e 1 At = 9.6

✓ B26843
11.86 01 At = ~~12.0~~ 11.9

✓ B29684
10.85 h 2 r 11.05 10.87=10.96 09 09
10.87 r 2 h 11.07

✓ B29533
10.02 h 1 r 10.12 10.10=10.11 01 01
10.10 r 2 h 10.30

✓ B28976
12.96 01 At = 13.0

✓ B28801
11.86 02 At = 12.0

✓ B27090
11.86 01 At = ~~12.0~~ 11.9

✓ B 5219
Pl damaged in 4 places.

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1903phae.proj..715B

February 20, 1903.

Sun Var. cont.

✓ B 3900 Sh.
7.48 a² Sh 7.8

✓ B 7638
Poor fl.

✓ B 7251
Poor fl.

✓ B 10855
11.66 m / Sh 11.8

✓ AM 1180
8.34 c4σ 8.74 8.82 = 8.78 04 04.
8.82 σ2d 9.02

✓ AM 1258
10.30 g2σ 10.50
10.85 Sh Sh

✓ AM 389
Tomaredge fl.

✓ AM 1159
9.02 d2 Sh 9.2

✓ AM 1229
9.54 e3σ 9.84 9.92 = 9.88 04 04.
9.92 σ / f 10.02

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1903phae.proj..715B

February 20, 1903.

New one cont.

✓ AM 738
9.02 d 1 St 9.1

✓ Swarthmore
AM 431
9.04 e 3 St 9.8

✓ AM 736
7.48 a 3 St 7.8

✓ AM 1560
7.48 a 3 St 7.8

Swarthmore
✓ AM 886
10.02 f 2 r 10.22 10.20 = 10.21 01 01
10.20 r 1 g 10.30

✓ AM 1379
10.80 h 1 St ~~10.0~~ 10.9

✓ AM 416
11.44 m 2 St 11.6

✓ AM 370
10.02 f 3 St 10.3

✓ AM 503
10.30 g 2 St 10.5

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1903phae.proj..715B

February 21, 1903.

New Var. cont.

✓ AM 755-
10.85 h 3 A 11.8

✓ AM 838
10.85 h 1 A 10.9 ~~11.0~~

✓ AM 1128
9.54 e 2 A 9.7

✓ AM 1186
10.30 g 1 A 10.4

✓ AM 1321
10.85 h 2 A 11.0

✓ AM 459
10.80 h 1 A ~~11.0~~ 10.9

✓ AM 839
10.02 f 1 A 10.1

✓ AM 760
Townsidge & H.

✓ AM 782
9.02 d 2 A 9.2

✓ AM 806
10.85 h 1 A ~~11.0~~ 10.9

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1903phae.proj..715B

February 21, 1903.

New Var. cont.

✓ AM 1411
9.02 d 2, 1 = 9.2

Seaver ✓ AM 1352
10.02 f 1 = 10.1

Seaver ✓ AM 1334
9.54 e 1 = 9.6

✓ AM 1363
9.02 d 2 = 9.2

✓ AM 1389
9.54 e 1 = 9.6

✓ AM 846
9.02 d 2 = 9.2

✓ AM 1132
8.34 c 3 = 8.6

✓ AM 1517
Too near edge of pl.

✓ AM 1467
10.30 g 1 = 10.4

✓ AM 922
10.30 g 3 = 10.60 10.65 = 10.62 02 03.
10.65 b 2 = 10.85

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1903phae.proj..715B

February 21, 1903

New var. cont.

✓ AM 780
9.54 e1 At 9.6

✓ AM 784
Poor plate

✓ AM 719
10.30 g2 At 10.5

✓ AM 1247
10.80 h1 At ~~11.0~~ 10.9

✓ AM 790
9.02 d2 At 9.2

✓ AM 1157
9.02 d2 At 9.2

✓ AM 1243
9.54 e1 At 9.6

✓ AM 1156
9.02 d1 At 9.2

✓ AM 1116
9.54 e2 At 9.7

✓ AM 296
10.30 g1 At 10.4

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1903phae.proj..715B

February 21, 1903

Auwers cont.

AM 469
9.02 d 2 N 9.2

✓ AM 383
8.16 b 2 N 8.4

✓ AM 316
9.07 e 2 N 9.7

✓ AM 1190
9.02 d 2 r 9.22 9.24 = 9.23 01 01.
9.24 r 3 R 9.07

✓ AM 501
9.07 e 1 N 9.6

✓ AM 954
Toomaridge fph.

✓ AM 417
9.07 e 2 N 9.7

✓ AM 928
10.30 g 1 N 10.4

✓ A 3028
12.07 g 3 r 12.86 12.61 = 12.74 12 13
12.61 r 2 N 12.81

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1903phae.proj..715B

February 21, 1903

Star cor. cont.

✓ A 2418
Broken & badly to be measured

✓ A 2401
12.81 R 1 S = 12.9

✓ A 2403
11.66 m 1 S = 11.8 7

✓ A 2981
Too much degraded

✓ A 3033
12.56 q 2 r 12.76 1271 = 12.74 02 03
12.71 r 1 R 12.81

✓ A 4437
12.56 q 1 S = 12.7 6

✓ A 5102
12.96 R 3 S = 13.2

✓ A 5177
12.96 R 2 S = 13.1

✓ 12.81 R 2 r 13.01 12.86 = 12.93 4
12.86 r 1 R 12.96 07 08

✓ A 5202
12.96 R 3 S = 13.2

✓ 12.81 R 1 r 12.91 12.76 = 12.84
12.76 r 2 R 12.96 07 08

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1903phae.proj..715B

February 21, 1903.

New Var cont.

✓ A 5781.
9.02 d 2r 9.22 9.44 = 9.33 11 11
9.44 r 1 v 9.54

✓ A 5788 5 fp.
9.02 d 2r 9.22 9.44 = 9.33 11 11
9.44 r 1 v 9.54

✓ AM 400
Toomeridge fpl.

✓ B 29556
10.02 d f 2r 10.22 10.00 = 10.11 11 11
10.00 r 2 g 10.30

✓ B 27177
12.96 d 1 Ir 13.1 0

✓ B 26965
12.96 d 3 Ir 13.2

✓ B 9295
9.54 d 2r 9.74 9.72 = 9.73 01 01
9.72 r 2 f 10.02

✓ B 12908
12.16 d f v 1 Ir 12.2

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1903phae.proj..715B

February 24, 1903.

New Var. cont.

✓ B24968
12.16 fv3r 12.48
12.06 g Ft

✓ B16249
11.66 r2 Ft 11.9

✓ B22780
10.02 fv2r 10.22 10.2 = 10.2 01 01
10.2 r-1g 10.30

✓ B27943
Surface

✓ B-071
10.02 fv2r 10.22 10.20 = 10.11 11 11
10.00 r-3g 10.30

✓ B6354
Does not come up.

✓ B7215
Poor field

✓ B18087
10.30 g1 Ft 10.4

✓ B28800
9.02 d2 Ft 9.2

✓ AM 1145
9.02 d2 Ft 9.2

✓ B2910
Does not come up.

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1903phae.proj..715B

February 25, 1903.

New Variable a.g.c. 14440

h m
10 30.8 −39.3

Comp. plate on B24994.

B24994

8.18 b 2 r 8.38 8.16 = 8.27 11 11
8.16 r 3 c 8.46

B15713

8.46 c 3 r 8.76 8.68 = 8.72 04 04
8.68 r 2 d 8.88

B16767

8.46 c 2 r 8.66 8.58 = 8.62 04 04
8.58 r 2 d 8.88

B16504

8.46 c 3 r 8.76 8.68 = 8.72 04 04
8.68 r 2 d 8.88

B16480

8.46 c 2 r 8.66 8.58 = 8.62 04 04
8.58 r 3 d 8.88

B13430 Sp.

7.98 a 3 r 8.28 8.08 = 8.18 10 10
8.08 r 1 b 8.18

B15330 Sp.

8.46 c 3 r 8.76 8.78 = 8.77 01 01
8.78 r 1 d 8.88

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1903phae.proj..715B

AGC 14440 (cont.)

✓ B15-345 Sh.

7.98 a 1 r 8.08 7.98 = 8.03 05 05
7.98 r 2 b 8.18

✓ B24710

8.46 c 2 r 8.66 8.78 = 8.72 06 06
8.78 r 1 d 8.88

✓ B24717

8.46 c 2 r 8.66 8.78 = 8.72 06 06
8.78 r 1 d 8.88

✓ B24766

8.46 c 1 r 8.56 8.68 = 8.62 06 06
8.68 r 2 d 8.88

✓ B22840

9.08 e 3 r 9.18 9.20 = 9.19 01 01
9.20 r 2 f 9.40

✓ B22866

8.88 d 1 r 8.98 8.88 = 8.93 05 05
8.88 r 2 e 9.08

✓ B22906

9.08 e 1 r 9.18 9.20 = 9.19 01 01
9.20 r 2 f 9.40

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1903phae.proj..715B

February 25, 1903.

AGC 14440 cont.

✓ B22781

9.08 l2r 9.28 9.30 = 9.29 01 01
9.30 r1f 9.40

✓ B22464

9.08 l2r 9.28 9.20 = 9.24 04 04
9.20 r2f 9.40

✓ B22640

8.46 c1r 8.56 8.58 = 8.57 01 01
8.58 r3d 8.88

✓ B21182

8.88 d1r 8.98 8.88 = 8.93 05 05
8.88 r2l 9.08

✓ B21214

8.46 c1r 8.56 8.68 = 8.62 06 06
8.68 r2d 8.88

✓

Spaulding B21326

8.46 c1r 8.56 8.68 = 8.62 06 06
8.68 r2d 8.88

✓ B21427

8.46 c2r 8.66 8.~~98~~ 7 = 8.~~82~~ 72 06 06
8.~~98~~ r1d 8.88

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1903phae.proj..715B

A.G.C. 14440 cont.

✓ B 21553

9.08 c1r 9.18 9.20 = 9.19 = 01 01
9.20 r2f 9.40

✓ B 21555

8.88 d2r 9.08 8.98 = 9.03 05 05
8.98 r1d 9.08

✓ B 21605 Tonnaidge

✓ B 21019

8.46 c1r 8.56 8.58 = 8.57 01 01
8.58 r3d 8.88

✓ B 21033

8.18 f2r 8.38 8.36 = 8.37 01 01
8.36 r1c 8.46

✓ B 15842

8.46 c1r 8.56 8.68 = 8.62 06 06
8.68 r2d 8.88

✓ B 19547

8.18 f2r 8.38 8.36 = 8.37 01 01
8.36 r1c 8.46

✓ B 10996

8.18 f1r 8.28 8.26 = 8.27 01 01
8.26 r2c 8.46

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1903phae.proj..715B

February 26, 1903.

A.G.C. 14440

✓ B 12810

9.08 e 2 r 9.28 9.30 = 9.29 01 01
9.30 r 1 f 9.40

✓ B 12740

8.46 c 2 r 8.66 8.78 = 8.72 06 06
8.78 r 1 d 8.88

✓ B 125-35-

8.46 c 1 r 8.56 8.68 = 8.62 06 06
8.68 r 2 d 8.88

✓ B 11172

8.46 c 3 r 8.76 8.68 = 8.72 04 04
8.68 r 2 d 8.88

✓ B 9224

8.88 d 2 r 9.08 8.98 = 9.03 05 05
8.98 r 1 e 9.08

✓ B 5115.

Poor pb

✓ B 5887 Sfx.

Poor w eg. frnl.

✓ B 6126

8.46 c 3 r 8.76 8.68 = 8.72 04 04
8.68 r 2 d 8.88

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1903phae.proj..715B

A.G.C. 14440

✓ Poor plate. B 7589
8.46 C 2 r 8.66 8.58 = 8.62 04 04
8.58 r 3 d 8.88

✓ Poor plate. B 7588
8.46 C 3 r 8.76 8.68 = 8.72 04 04
8.68 r 2 d 8.88

✓ Poor plate B 7565
8.46 C 3 r 8.76 8.68 = 8.72 04 04
8.68 r 2 d 8.88

✓ Poor plate. B 7564
8.46 C 3 r 8.76 8.78 = 8.77 01 01
8.78 r 1 d 8.88

✓ B 5883 Sp.
Poor in ug. of rel.

✓ B 5298
8.46 C 2 r 8.66 8.78 = 8.72 06 06
8.78 r 1 d 8.88

✓ B 5353
8.46 C 2 r 8.66 8.58 = 8.62 04 04
8.58 r 3 d 8.88

✓ B 5167 Sp.
7.98 a 2 r 8.18 8.08 = 8.13 05 05
8.08 r 1 b 8.18

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1903phae.proj..715B

February 27, 1903.

A.G.C. 14440 cont.

✓ B7442

8.46 c 2 r 8.66 8.78 = 8.72 06 06

8.78 r 1 d 8.88

✓ B7512

8.46 c 2 r 8.66 8.58 = 8.62 04 04

8.58 r 3 d 8.88

✓ B4815

8.18 b 2 r 8.38 8.36 = 8.37 01 01

8.36 r 1 c 8.46

✓ B13476

8.46 n 1 r 8.56 8.68 = 8.62 06 06

8.68 r 2 d 8.88

✓ B29201

8.46 n 3 r 8.76 8.68 = 8.72 04 04

8.68 r 2 d 8.88.

✓ B29331

8.46 n 3 r 8.76 8.68 = 8.72 04 04

8.68 r 2 d 8.88

✓ B29873

8.46 n 2 r 8.66 8.78 = 8.72 06 06

8.78 r 1 d 8.88

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1903phae.proj..715B

A.G.C. 14440 cont.

✓ B12814

8.46 c2r 8.66 8.78 = 8.72 06 06
8.78 r1d 8.88

✓ B27045

8.46 c1r 8.56 8.68 = 8.62 06 06
8.68 r2d 8.88

✓ B29045

8.46 c3r 8.76 8.68 = 8.72 04 04
8.68 r2d 8.88

✓ B18446

8.46 c3r 8.76 8.68 = 8.72 04 04
8.68 r2d 8.88

✓ B24674

8.46 c1r 8.56 8.58 = 8.57 01 01
8.58 r3d 8.88

✓ B29353

8.46 c1r 8.56 8.58 = 8.57 01 01
8.58 r3d 8.88

✓ B21070

8.46 c2r 8.66 8.58 = 8.62 04 04
8.58 r3d 8.88

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1903phae.proj..715B

February 27 & 28 1903.

a GC 14440 cont.

✓ B12856

8.46 c 2 r 8.66 8.78 = 8.72 06 06
8.78 r 1 d 8.88

✓ B12937

8.88 d 1 r 8.98 8.88 = 8.93 05 05
8.88 r 2 e 9.08

✓ B13104 Sp.

8.18 b 1 r 8.28 8.16 = 8.22 06 06
8.16 r 3 c 8.46

✓ B13056 Sp.

8.18 b 3 r 8.48 8.26 8.37 11 11
8.26 r 2 c 8.46

✓ B13065 Sp.

8.18 b 3 r 8.48 8.26 = 8.37 11 11
8.26 r 2 c 8.46

✓ B13196

8.46 c 1 r 8.56 8.68 = 8.62 06 06
8.68 r 2 d 8.88

✓ B13191

9.08 e 2 r 9.28 9.30 = 9.29 01 01
9.30 r 1 f 9.40

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1903phae.proj..715B

✓ AGC 14440 cont.

Pl. trails B13194

8.46 c3r 8.76 8.78 = 8.77 01 01
8.78 r1d 8.88

✓ B15289

8.46 c2r 8.66 8.78 = 8.72 06 06
8.78 r1d 8.88

✓ B15177

8.46 c1r 8.56 8.68 = 8.62 06 06
8.68 r2d 8.88

✓ B15019

8.46 c2r 8.66 8.58 = 8.62 04 04
8.58 r3d 8.88

✓ B15382

8.46 c2r 8.66 8.78 = 8.72 06 06
8.78 r1d 8.88

✓ B13682

8.46 c3r 8.76 8.68 = 8.72 04 04
8.68 r2d 8.88

✓ B13697

8.46 c2r 8.66 8.78 = 8.72 06 06
8.78 r1d 8.88

✓ B13858

8.46 c3r 8.76 8.68 = 8.72 04 04
8.68 r2d 8.88

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1903phae.proj..715B

February 27, 1903.

A.G.C. 14440 cont.

✓ B10795

8.46 c3r 8.76 8.68 = 8.72 04 04

8.68 r2d 8.88

✓ B10643

Tooneadyfpl.

✓ Bg5-3-45fp.

8.18 f2r 8.38 8.16 = 8.27 11 11

8.16 r3c 8.46

✓ B10834

8.46 c2r 8.66 8.78 = 8.72 06 06

8.78 r1d 8.88

✓ B10984

8.46 c2r 8.66 8.58 = 8.62 04 04

8.58 r3d 8.88

✓ Bg225

8.46 c2r 8.66 8.58 = 8.62 04 04

8.58 r3d 8.88

✓ B6125

8.46 c3r 8.76 8.68 = 8.72 04 04

8.68 r2d 8.88

✓ B4866 fp.

Poorfpl.

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1903phae.proj..715B

A.G.C. 14440 cont.

✓ B13091

8.46 c 2 r 8.66 8.58 = 8.62 04 04
8.58 r 3 d 8.88

✓ B26788

8.846 c 1 r 8.56 8.68 = 8.62 06 06
8.68 r 2 d 8.88

✓ B29321

8.46 c 3 r 8.76 8.68 = 8.72 04 04
8.68 r 2 d 8.88

✓ B15329

8.46 c 2 r 8.66 8.78 = 8.72 06 06
8.78 r 1 d 8.88

✓ B28953

8.18 t 2 r 8.38 8.36 = 8.37 01 01
8.36 r 1 c 8.46

✓ B15346

8.88 d 2 r 9.08 8.98 = 9.03 05 05
8.98 r 1 e 9.08

✓ B19293

8.46 c 1 r 8.56 8.58 = 8.57 01 01
8.58 r 2 d 8.88

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1903phae.proj..715B

February 27, 1903.

AGC 14440 cont.

✓ B27304

8.46 c1r 8.56 8.68 = 8.62 06 06
8.68 r2d 8.88

✓ B24896

9.08 e1r 9.18 9.20 = 9.19 01 01
9.20 r2f 9.40

✓ B24910

8.46 c3r 8.76 8.68 = 8.72 04 04
8.68 r2d 8.88

✓ B22493

8.88 d1r 8.98 8.88 = 8.93 05 05
8.88 r2e 9.08

✓ B22673

8.46 c2r 8.66 8.78 = 8.72 06 06
8.78 r1d 8.88

✓ B30055

8.46 c3r 8.76 8.68 = 8.72 04 04
8.68 r2d 8.88

✓ B28881

8.46 c3r 8.76 8.68 = 8.72 04 04
8.68 r2d 8.88

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1903phae.proj..715B

February 27, 1903.

a.G.C. 14440 cont.

✓ B22811

9.08 C3r 9.38 9.20 = 9.29 09 09
9.20 r2f 9.40

✓ B26859

9.08 C1r 9.18 9.20 = 9.19 01 01
9.20 r2f 9.40

✓ B26982

8.46 C3r 8.76 8.68 = 8.72 04 04
8.68 r2d 8.88

✓ B27220

9.08 C2r 9.28 9.30 = 9.29 01 01
9.30 r1f 9.40

✓ B27135

8.46 C3r 8.76 8.68 = 8.72 04 04
8.68 r2d 8.88

✓ B27001

8.46 C3r 8.76 8.68 = 8.72 04 04
8.68 r2d 8.88

✓ B25055

8.46 C2r 8.66 8.78 = 8.72 06 06
8.78 r1d 8.88

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1903phae.proj..715B

February 27, 1903.

AGC 14440 cont.

✓ B25058

8.88 d 2r 9.08 8.98 = 9.03 05 05

8.98 r 1 e 9.08

✓ B25469

8.46 c 3 r 8.76 8.~~68~~ 7 = 8.~~72~~ 7 ~~04 04~~ 01 01

8.~~68~~ 7 r 1 d 8.88

✓ B26878

8.46 c 3 r 8.76 8.68 = 8.72 = 04 04

8.68 r 2 d 8.88

✓ B21029

8.46 c 3 r 8.76 8.68 = 8.72 04 04

8.68 r 2 d 8.88

✓ B19706

8.46 c 3 r 8.76 8.68 = 8.72 04 04

8.68 r 2 d 8.88

✓ B19261

Poor pb

✓ B18747

8.46 c 2 r 8.66 8.68 = 8.67 01 01

8.68 r 2 d 8.88

✓ B18760

8.46 c 3 r 8.76 8.68 = 8.72 04 04

8.68 r 2 d 8.88

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1903phae.proj..715B

February 27, 1903.

aγC 14440 cont

✓ B18627

8.88 d2r 9.08 8.98 = 9.03 05 05

8.98 r1e 9.08

✓ B18146

8.46 c3r 8.76 8.78 = 8.77 01 01

8.78 r1d 8.88

✓ B18121

8.46 c3r 8.76 8.68 = 8.72 04 04

8.68 r2d 8.88

✓ B15907

9.08 e1r 9.18 9.20 = 9.19 01 01

9.20 r2f 9.40

✓ B24900

8.46 c1r 8.56 8.68 = 8.62 06 06 06

8.68 r2d 8.88

✓ B27226

8.46 c3r 8.76 8.78 = 8.77 01 01

8.78 r1d 8.88

✓ B15319 ~~Sp~~

7.98 a1r 8.08 7.98 = 8.03 05 05

7.98 r2b 8.18

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1903phae.proj..715B

February 27, 1903.

a Gc 14440 cont.

✓ AM 1169

8.46 c3r 8.76 8.68=8.72 04 04

8.68 r2d 8.88

✓ AM 1341

8.46 c3r 8.76 8.68=8.72 04 04

8.68 r2d 8.88

✓ AM 297

9.08 e3r 9.38 9.20=9.29 09 09

9.20 r2f 9.40

✓ AM 380

8.88 d1r 8.98 8.88=8.93 05 05

8.88 r2e 9.08

✓ AM 750

8.46 c3r 8.76 8.68=8.72 04 04

8.68 r2d 8.88

✓ AM 404

8.46 c3r 8.76 8.68=8.72 04 04

8.68 r2d 8.88

✓ AM 372

Poor plate.

✓ AM 1162

8.46 c2r 8.66 8.58=8.62 04 04

8.58 r3d 8.88

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1903phae.proj..715B

A. G. C 14440 cont.

✓ AM 732

9.08 e 1 r 9.18 9.10 = 9.14 04 04
9.10 r 9 f 9.40

✓ AM 1419

8.46 c 3 r 8.76 8.68 = 8.72 04 04
8.68 r 2 d 8.88

✓ AM 1370

9.08 e 2 r 9.28 9.30 = 9.29 01 01
9.30 r 1 f 9.40

✓ AM 1223

8.46 c 2 r 8.66 8.78 = 8.72 06 06
8.78 r 1 d 8.88

✓ AM 837

8.46 c 3 r 8.76 8.68 = 8.72 04 04
8.68 r 2 d 8.88

✓ AM 769

8.18 f 3 r 8.48 8.26 = 8.37 11 11
8.26 r 2 c 8.46

✓ AM 730

8.18 f 2 r 8.38 8.36 = 8.37 01 01
8.36 r 1 c 8.46

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1903phae.proj..715B

February 27, 1903.

a.G.C. 14440 cont

✓ Am 360

8.46 c3r 8.76 8.68 = 8.72 04 04
8.68 r2d 8.88

✓ Am 1282

8.46 c2r 8.66 8.76 = 8.71 05 05
8.76 r1d 8.88

✓ Am 1153
Pond

✓ Am 1144

8.46 c2r 8.66 8.58 = 8.62 04 04
8.58 r3d 8.88

✓ Am 791

8.18 b3r 8.48 8.26 = 8.37 11 11
8.26 r2v 8.46

✓ Am 779

8.46 c3r 8.76 8.68 = 8.72 04 04
8.68 r2d 8.88

✓ Am 743

8.46 c2r 8.66 8.78 = 8.72 06 06
8.78 r1d 8.88

✓ Am 458

8.18 f2r 8.38 8.16 = 8.27 11 11
8.16 r3v 8.46

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1903phae.proj..715B

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1903phae.proj..715B

February 27, 1903.

AGC 14440 cont.

✓ AM 1294

8.88 d 2 r 9.08 8.98 = 9.03 05 05

8.98 r 1 e 9.08

✓ AM 325-

9.08 e 3 r 9.38 9.20 = 9.29 09 09

9.20 r 2 f 9.40

✓ A 2316

8.46 c 3 r 8.76 8.78 = 8.77 01 01

8.78 r 1 d 8.88

✓ A 2294

8.46 c 2 r 8.66 8.78 = 8.72 06 06

8.78 r 1 d 8.88

AM 441

8.46 c 3 r 8.76 8.68 = 8.72 04 04

8.68 r 2 d 8.88

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1903phae.proj..715B

Mar. 6, 1903.

G.C. 11h 129 h m ° ′ 11 29 -5 4 35

Comp. B 95-14

✓ B 95-14

10.40 h 3 r 10.70 10.75 = 10.72 02 03

10.75 r 1 h 10.85

✓ B 131 98

10.85 h 2 r 10.11.05 10.93 = 10.99 06 06

10.93 r 1 h 11.03

✓ B 23-95-9

10.40 h 1 r 10.50 10.65 = 10.58 08 07

10.65 r 2 h 10.85

✓ B 22912

10.85 h 1 r 10.95 10.73 = 10.84 11 11

10.73 r 3 h 11.03

✓ B 19646

9.95 g 3 r 10.25 10.30 = 10.28 03 02

10.30 r 1 h 10.40

✓ B 19668

9.95 g 3 r 10.25 10.30 = 10.28 03 02

10.30 r 1 h 10.40

✓ B 21067

10.85 h 1 r 10.95 10.73 = 10.84 = 11 11

10.73 r 3 h 11.03

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1903phae.proj..715B

Mar. 6, 1903.

GC 11^h 129

✓ B 21022

10.40 h 3 r 10.70 10.65 = 10.68 02 03
10.65 r 2 h 10.85

✓ B 11175

10.85 h 1 r 10.95 10.73 = 10.84 11 11
10.73 r 3 h 11.03

✓ B 9435 Sp.
Toomer.

Mean image near B 11294

✓ 10.40 h 2 r 10.70 10.65 = 10.68 02 03
10.65 r 2 h 10.85

✓ B 9232

9.95 g 3 r 10.25 10.20 = 10.22 03 02
10.20 r 2 h 10.40

✓ B 9293

10.40 h 2 r 10.60 10.55 = 10.58 02 03
10.55 r 3 h 10.85

✓ B 9421 Sp.

9.67 f 2 r 9.87

✓ B 3315

10.40 h 2 r 10.60 10.75 = 10.68 08 07
10.70 r 1 h 10.85

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1903phae.proj..715B

Mar. 6, 1903.

GC 11h 12g.

✓ B4818

10.40 h 3 r 10.70 10.65: 10.68 02 03

10.65- r 2 h 10.85-

✓ B4817

9.67 f 1 St 9.77

✓ B4836

10.40 h 3 r 10.70 10.75: 10.72 02 03

10.75- r 1 h 10.85-

✓ B 4869 Sp.

Poor in ng. of nebs

✓ B4748

9.67 f 3 St 9.97

✓ B4867 Sp.

Poor in ng. of nebs.

✓ B9442 Sp.

9.35- e 1 St 9.45-

✓ B 10985-

Poor plate

✓ B10805- Sp.

Poor in ng. of nebs.

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1903phae.proj..715B

Mar. 6, 1903.

G.C. 11h 12g

✓ B11262 Spr.
Poor in neg. of sun.

✓ B9420
10.40 h 2 r 10.60 10.55 = 10.58 02 03
10.55 r 3 h 10.85

✓ B9192
9.95 g 3 r 10.25 10.20 = 10.22 = 03 02
10.20 r 2 h 10.40

✓ B9013 Spr.
Too near edge of film

✓ B9099 Spr.
Poor in neg. of sun.

✓ B18179
10.40 h 3 r 10.70 10.65 = 10.68 02 03
10.65 r 2 h 10.85

✓ B18270
10.40 h 1 r 10.50

✓ B18321
10.40 h 3 r 10.70 10.65 = 10.68 02 03
10.65 r 2 h 10.85

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1903phae.proj..715B

March 6, 1903.

δ C 11^h 129

✓ B18466

10.40 h 3r 10.70 10.65 = 10.68 02 03

10.65 r 2 h 10.85

✓ B18629

10.40 h 2r 10.60 10.55 = 10.58 02 03

10.55 r 2$\frac{3}{4}$ h 10.85

✓ B18702

10.40 h 1 A = 10.5

✓ B18761

10.40 h 3r 10.70 10.65 = 10.68 02 03

10.65 r 2 h 10.85

✓ B18864

9.95 g 3r 10.25 10.20 = 10.22 03 02

10.20 r 2 h 10.40

✓ B18863

10.40 h 1r 10.50 10.55 = 10.52 02 03

10.55 r 3 h 10.85

✓ B18802

9.95 g 4r 10.35 10.20 = 10.28 07 08

10.20 r 2 h 10.40

✓ B19043/4

9.95 g 1r 10.05 10.20 = 10.12 07 08

10.20 r 2 h 10.40

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1903phae.proj..715B

Mar 6, 1903

GC, h 129

✓ B1903 0 Sp.

9.95 g 3r 10.25 10.20 = 10.22 03 02

10.20 r 2h 10.40

✓ B1907 2

9.95 g 3r 10.25 10.20 = 10.22 03 02

10.20 r 2h 10.40

✓ B1926 3

10.40 g 1r 10.50 10.55 = 10.52 02 03

10.55 r 3h 10.85

B1947 0

9.95 g 3r 10.25 10.20 = 10.22 03 02

10.20 r 2h 10.40

✓ B15 5 03

10.40 h 2r 10.60 10.75 = 10.68 08 07

10.75 r 1h 10.85

✓ B15 6 26

10.85 h 3r 11.15 10.83 = 10.99 16 16

10.83 r 2h 11.03

✓ B15 14 9 Sp.

10.85 h 3h 11.1

✓ B15 5 57 Sp.

11.03 h 1h 11.1

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1903phae.proj..715B

March. 6, 1903.

GC 11h 129

✓ B17 5 761
10.85 k 3σ 11.15 10.93 = 11.04 11 11
10.93 σ 1 k 11.03

✓ B17025 Th.
Too near comet.

✓ B16593
9.95 g 4σ 10.35 10.20 = 10.28 07 08
10.20 σ 2 k 10.40

✓ B16508
9.95 g 4σ 10.35 10.20 = 10.28 07 08
10.20 σ 2 k 10.40

✓ B16528
9.95 g 4σ 10.35 10.20 = 10.28 07 08
10.20 σ 2 k 10.40

✓ B13197
10.85 k 3σ 11.15 10.83 = 10.99 16 16
10.83 σ 2 k 11.03

✓ B15635
10.85 k 3σ 11.15 10.83 = 10.99 16 16
10.83 σ 2 k 11.03

✓ B15420
1085 k 1 t 10.95

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1903phae.proj.715B

Mar 6, 1903

9h C 11h 12g

✓ B15-36S-

11.03 l 3r 11.33 11.08 = 11.20 13 12

11.08 r 2m 11.28

✓ B9115 Sp.

Too near sun.

✓ B11317

10.40 h 3r 10.70 10.65- = 10.68 02 03

10.65- r 2h 10.85-

✓ B12813

11.03 l 2r 11.23 11.18 = 11.20 03 02

11.18 r 1m 11.28

✓ B12834

11.03 l 1r 11.13

m ?

✓ B12873 Sp.

Poor in neg. focus.

✓ B12891 Sp.

Poor in neg. focus.

✓ B13188

10.85- h 2r 11.05 10.73 = 10.89 16 16

10.73 r 2 h 11.03

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1903phae.proj..715B

Mar. 7, 1903

β C 11^h 129.

✓ B13018

11.03 l2r 11.23 10.98 = 10.10 13 12

10.98 r3nw 11.28

✓ B13521

10.85 k3r 11.15 10.83 = 10.99 16 16

10.83 r2l 11.03

✓ B13645

10.40 k3r 10.70 10.65 = 10.68 02 03

10.65 r2l 10.85

✓ B12538

10.40 k3r 10.70 10.65 = 10.68 02 03

10.65 r2l 10.85

✓ Bg039 Sp.

Purple

✓ B12793

10.40 k3l 10.7

✓ B10752

10.40 k2r 10.60 10.55 = 10.58 02 03

10.55 r3l 10.85

✓ B10983

10.85 k3r 11.15 10.83 = 10.99 16 16

10.83 r2l 11.03

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1903phae.proj..715B

March 7, 1903

g C 11h 12g

✓ B10807

10.85⁻ k 3 r 11.13⁻ 10.83 = 10.99 16 16

10.83 r 2 k 11.03

✓ B12940

11.03 k 1 r 11.13 10.98 = 11.06 07 08

10.98 r 3 m 11.28

✓ B275-74

10.85⁻ k 3 r 11.15⁻ 10.83 = 10.99 16 16

10.83 r 2 k 11.03

✓ B26968

9.95⁻ g 4 r 10.35⁻ 10.20 = 10.28 07 08

10.20 r 2 k 10.40

✓ B26967

10.40 k 3 r 10.70 10.65⁻ = 10.68 02 03

10.65⁻ r 2 k 10.85⁻

✓ B26844

10.40 k 2 r 10.60 10.65⁻ = 10.62 02 03

10.65⁻ r 1 k 10.85⁻

✓ B27097

9.95⁻ g 3 r 10.25⁻ 10.20 = 10.22 03 02

10.20 r 2 k 10.40

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1903phae.proj..715B

Mar. 7, 1903.

G.C. 11h 129

✓ B27169

10.40 h 2r 10.60 10.55 = 10.58 02 03
10.55 r 3 h 10.85

✓ B27308

9.95 g 4r 10.35 10.20 = 10.28 07 08
10.20 r 2h 10.40

✓ B27332

10.40 h 2r 10.60 10.75 = 10.68 08 07
10.75 r 1 h 10.85

✓ B21379 Sp.
Too near edge of film

✓ B21439

10.40 h 3r 10.70 10.75 = 10.72 02 03
10.75 r 1 h 10.85

✓ B21272

10.85 h 2r 11.05 10.73 = 10.89 16 16
10.73 r 3 h 11.03

✓ B21473

10.40 h 3r 10.70 10.65 = 10.68 02 03
10.65 r 2 h 10.85

✓
Near edge of film B21171

10.40 h 3 r 10.70
h 2 r?

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1903phae.proj..715B

March 9, 1903.

gC 11h 12g

✓ B21774

11.03 l1r 11.13 10.98 = 11.06 07 08
10.98 r3m 11.28

✓ B21695 Sp

10.40 h1r 10.50
k1

✓ B21565

10.40 h3r 10.70 10.65 = 10.68 02 03
10.65 r2k 10.85

✓ B25490

10.40 h2r 10.60 10.55 = 10.58 02 03
10.55 r3k 10.85

✓ B24970

9.95 g3r 10.25 10.20 = 10.22 03 02
10.20 r2k 10.40

✓ B24935

9.95 g3r 10.25 10.20 = 10.22 03 02
10.20 r2k 10.40

✓ B24898

9.95 g3r 10.25 10.20 = 10.22 03 02
10.20 r2k 10.40

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1903phae.proj..715B

Mar. 9, 1903

$\mathcal{G}$ C 11^h 129

✓ B24767
Pass. ph.

✓ B24735⁻
9.95⁻ g3r 10.25⁻ 10.20 = 10.22 03 02
10.20 r2k 10.40

✓ B24654.
9.95⁻ g3r 10.25⁻ 10.20 = 10.22 03 02
10.20 r2k 10.40

✓ B24653
10.40 k1r 10.50 10.65⁻ = 10.58 08 07
10.65⁻ r2k 10.85⁻

✓ B24646
10.40 k2r 10.60 10.75⁻ = 10.68 08 07
10.75⁻ r1k 10.85⁻

✓ B22647
10.40 k2r 10.60 10.55⁻ = 10.58 02 03
10.55⁻ r3k 10.85⁻

✓ B22675⁻
10.40 k1r 10.50 10.55⁻ = 10.52 02 03
10.55⁻ r3k 10.85⁻

✓ B21328
10.85⁻ k1r 10.90⁻ 10.73 = 10.84 11 11
10.73 r3k 11.03

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1903phae.proj..715B

March 9, 1903.

GC 11h 129

✓ B22842
Tomaridge ffpl.

✓ B15-353
11.28 m 2 ?? 11.48

✓ B15-292
11.03 l 2 r 11.23 10.98 = 11.10 13 12
10.98 r 3 m 11.28

✓ B15-239
10.85- k 3 r 11.15- 10.83 = 10.99 16 16
10.83 r 2 l 11.03

✓ B15-180
11.03 l 1 r 11.13 10.98 = 11.06 07 08
10.98 r 3 m 11.28

✓ B15-919
10.85- k 3 r 11.15- 10.83 = 10.99 16 16
10.83 r 2 l 11.03

✓ B15-721
10.85- k 3 r 11.15- 10.83 = 1099 16 16
10.83 r 2 l 11.03

✓ B16866
9.95- g 3 r 10.25- 10.20 = 10.22 03 02
10.20 r 2 k 10.40

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1902phae.proj.7158

March 9, 1903.

gC 11h 12g

✓ B16634

10.40 h 2 r 10.60 10.75− = 10.68 08 07
10.70− r 1 h 10.85−

✓ B16507

9.95− g 3 r 10.25− 10.20 = 10.22 03 02
10.20 r 3 h 10.40

✓ B16042

10.40 h 3 r 10.70 10.65− = 10.68 02 03
10.65− r 2 h 10.85−

✓ B13478

Too near edge of ffld.

✓ B13479

10.85− h 3 r 11.15− 10.83 = 10.99 16 16
10.83 r 2 h 11.03

✓ B21172

10.40 h 2 r 10.60 10.55− = 10.58 02 03
10.55− r 2 h 10.85−

✓ B22463

10.40 h 1 r 10.50 10.65− = 10.58 08 07
10.65− r 2 h 10.85−

✓ B27000

9.95 g 3 r 10.25− 10.30 = 10.28 03 02
10.30 r 1 h 10.40

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1903phae.proj..715B

Mar-9, 1903

gC, 11h 12g

✓ B 7748

9.00 d 1 f 9.1

✓ B 7517

11.03 d 2 p 11.23 11.18 = 11.20 03 02

11.18 o-1 m 11.28

✓ B 7959

10.40 h 2 p 10.60 10.75- = 10.68 08 07

10.75- o-1 k 10.85-

✓ B 11087

10.40 h 3 p 10.70 10.65- = 10.68 02 03

10.65- p-2 k 10.85-

✓ B 5004

10.40 h 3 p 10.70 10.75- = 10.72 02 03

10.75- p-1 i 10.85-

✓ B 7107

Pair ph

✓ B 7531 Sp.

10.40 h 1 f? 10.5-

✓ B 7530 Sp.

10.85- k 1 f 10.95-

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1903phae.proj.715B

March 9 1903

δ C 1, h 129

✓ B 75-26 Hyp.

10.40 h 3σ 10.50 10.65⁻ = 10.58 08 07
10.65⁻ σ 2 k 10.85⁻

✓ B 21183

10.85⁻ k 3σ 11.10 10.93 = 11.02 08 09
10.93 σ 1 k 11.03

✓ B 27225⁻

10.40 h 3σ 10.70 10.65⁻ = 10.68 02 03
10.65⁻ σ 2 k 10.85⁻

✓ B 27020

9.95⁻ g 3σ 10.25⁻ 10.20 = 10.22 03 02
10.20 σ 2 k 10.40

B 27621

9.95⁻ g 3σ 10.25⁻ 10.20 = 10.22 03 02
10.20 σ 2 k 10.40

✓ B 21609

10.40 h 3σ 10.70 10.65⁻ = 10.68 02 03
10.65⁻ σ 2 k 10.85⁻

✓ B 21216

10.40 h 3σ 10.70 10.75⁻ = 10.72 02 03
10.75⁻ σ 1 k 10.85⁻

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1903phae.proj..715B

March 9, 1903.

3C 11h 129

✓ B21266

10.85⁻ k 3σ 11.15⁻ 10.83 = 10.99 16 16
10.83 σ 2 l 11.03

✓ B22872

10.85⁻ k 3σ 11.15⁻ 10.83 = 10.99 16 16
10.83 σ 2 l 11.03

✓ B25-65-3⁻

10.40 k 3σ 10.70 10.65⁻ = 10.68 02 03
10.65⁻ σ 2 k 10.85⁻

✓ B25-583

10.40 k 3σ 10.70 10.65⁻ = 10.68 02 03
10.65⁻ σ 2 k 10.85⁻

✓ B25-441

10.40 k 2σ 10.60 10.75⁻ = 10.68 08 07
10.75⁻ σ 1 k 10.85⁻

✓ B111 90

10.40 k 2σ 10.60 10.75⁻ = 10.68 08 07
10.75⁻ σ 1 k 10.85⁻

B19-537

✓ 10.40 k 1σ 10.50 10.55⁻ = 10.52 02 03
10.55⁻ σ 3 k 10.85⁻

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1902phae.proj. 715B

March 9, 1903.

ZC 11h, 29

✓ B1885g

9.95⁻ g3o 10.25⁻ 10.20 = 10.22 03 02
10.20 o2k 10.40

✓ B5-003

11.28 m1o 11.38 11.48 = 11.43 05⁻ 05⁻
11.48 o3m 11.78

✓ B9291

10.40 k3o 10.70 10.65⁻ = 10.68 02 03
10.65⁻ o2k 10.85⁻

✓ B11392

10.85⁻ k3o 11.15⁻ 10.83 = 10.99 16 16
10.83 o2l 11.03

✓ B11152

10.85⁻ k3o 11.15⁻ 10.83 = 10.99 16 16
10.83 o2l 11.03

✓ B12743

10.40 k2o 10.60 10.75⁻ = 10.68 08 07
10.75⁻ o1k 10.85⁻

✓ B12941

11.03 l2o 11.23 10.98 = 11.10 13 12
10.98 o3m 11.28

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1903phae.proj..715B

March 9, 1903.

DC 11h 129

✓ B10836

10.85⁻ k3r 11.15⁻ 10.83 = 10.99 16 16
10.83 r2k 11.03

✓ B5199

11.03 k2r 11.23 11.18 = 11.20 03 02
11.18 r1m 11.28

✓ B7492

10.40 k2r 10.60 10.75⁻ = 10.68 08 07
10.75⁻ r1k 10.85⁻

✓ B25200

9.95⁻ g2r 10.15⁻ 10.30 = 10.22 07 08
10.30 r1k 10.40

✓ B24538

10.85⁻ k1r 10.95⁻ 10.73 = 10.84 11 11
10.73 r3k 11.03

✓ B16171

10.40 k3r 10.70 10.65⁻ = 10.68 02 03
10.65⁻ r2k 10.85⁻

✓ B12702

10.85⁻ k2r 11.05⁻ 10.83 = 10.94 11 11
10.83 r2k 11.03

✓ B19536

9.95⁻ g2r 10.15⁻ 10.10 = 10.12 03 02
10.10 r3k 10.40

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1903phae.proj.7158

March 9, 1903.

GC 11h129

✓ B13861

9.95- g 3σ 10.25- 10.30 = 10.28 03 02
10.30 σ 1 h 10.40

✓ B 24861

9.95 g 3σ 10.25- 10.30 = 10.28 03 02
10.30 σ 1 h 10.40

✓ B27312

10.40 h 2σ 10.60 10.55- = 10.58 02 03
10.55- σ 3 h 10.85-

✓ B25-185-

10.40 h 3σ 10.70 10.65- = 10.68 02 03
10.65- σ 2 h 10.85-

✓ B29093

10.40 h 3σ 10.70 10.65- = 10.68 02 03
10.65- σ 2 h 10.85-

✓ B30007

9.95- g 3σ 10.25- 10.20 = 10.22 03 02
10.20 σ 2 h 10.40

✓ B29744

10.40 h 3 σ 10.70 10.65- = 10.68 02 03
10.65- σ 2 h 10.85-

✓ B29555

9.95- g 3σ 10.25- 10.20 = 10.22 03 02
10.20 σ 2 h 10.40

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1903phae.proj..715B

Marching, 1903.

GC 11h 129

✓ B29537

10.40 h 3σ 10.70 10.65 = 10.68 02 03
10.65 σ 2 h 10.85

✓ B29434

9.95 g 3σ 10.25 10.20 = 10.22 03 02
10.20 σ 2 h 10.40

✓ B29153
Toomuidge ffb

✓ B29061

10.40 h 3σ 10.70 10.65 = 10.68 02 03
10.65 σ 2 h 10.85

✓ B 7520
Pon ffb

✓ B17106

9.95 g 3σ 10.25 10.20 = 10.22 03 02
10.20 σ 2 h 10.40

B17032

✓ 9.95 g 3σ 10.25 10.20 = 10.22 03 02
10.20 σ 2 h 10.40

✓ B5880 Sp.

9.35 l 2 f 9.55

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1903phae.proj.715B

March 9, 1903.

Q C 11^h 12g

✓ B6501

9.95⁻ ~~Poor pb~~ g 2 f 10.15⁻

✓ B6058

10.40 h 3 o 10.70 10.65 = 10.68 02 03

10.65⁻ o 2 h 10.85⁻

✓ B7372 Sp.

Poor in ng. float.

✓ B7264

10.85⁻ h 3 o 11.15⁻ 10.83 = 10.99 16 16

10.83 o 2 h 11.03

✓ B7260 Sp.

Poor in ng. float.

✓ B7149

Poor pb

✓ B7433 Sp.

Poor pb

✓ B16379

9.95⁻ g 3 o 10.25⁻ 10.20 = 10.22 03 02

10.20 o 2 h 10.40

✓ B7584

Poor pb

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1903phae.proj..715B

March 9, 1903.

9 C 11h 12g

B 7562
✓ Too near edge of pl.

✓ B 7712 Spr.
8.29 a 2 t 8.49

✓ AM 969
10.40 h 2 r 10.60 10.75 = 10.68 08 07
10.75 a 1 h 10.85

✓ AM 928
Pl. trailed

✓
Doch. AM 846
10.40 h 1 r 10.50
h t

✓ AM 1180
Too near edge

✓ AM 1169
10.40 h 1 t 10.50

✓ AM 1441
10.85 h 1 t 10.95

✓ AM 1411
11.03 h 1 t 11.13

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1903phae.proj..715B

March 9, 1903.

GC 11h 129

✓ AM 1238

10.40 h 20 10.60 10.75 = 10.68 08 07
10.75 a 1 k 10.85

✓ AM 1229

10.85 k 1 a 10.95 10.83 = 10.89 06 06
10.83 a 2 l 11.03

✓ AM 1159

9.95 g X 3 t 10.25

✓ AM 755
Forward edge

✓ AM 722

10.85 k 1 a 10.96 10.83 = 10.90 06 07
10.83 a 2 l 11.03

✓ AM 738

10.85 k 1 t 10.95

✓ AM 389

9.67 f 2 t 9.97

✓ AM 459

9.95 g 2 a 10.15 13.30 = 10.22 07 08
10.30 a 1 h 10.40

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1903phae.proj..715B

March 9, 1903.

Q C 11h 12g

✓ AM 782
10.40 h1 ± 10.50

✓ AM 806
10.40 h 3 or 10.70 10.65 = 10.68 02 03
10.65 or 2 k 10.85

✓
Star edge AM 1321
10.40 h1 ± 10.5

✓ AM 838
Too near edge

✓ AM 1186
Too near edge

✓ AM 1128
Too near edge

✓ AM 950
10.85 k 2 or 11.05 10.93 = 10.99 06 06
10.93 or 1 l 11.03 10.75

✓ 10.40 h 2 or 10.60 10.75 = 10.68
or 1 k 10.85
08 07

✓ AM 1379
Too near edge

✓ AM 1023
10.85 k 3 or 11.15 10.83 = 10.99 16 16
10.83 or 2 l 11.03

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1903phae.proj..715B

March 9, 1903.

GC 11129 h

✓ AM 837

10.40 k2r 10.60 10.55 = 10.58 02 03
10.55 r3k 10.85

✓ AM 430

9.95 g3r 10.25 10.20 = 10.22 03 02
10.20 r2k 10.40

✓ AM 404

10.40 k1A 10.50

✓ AM 372

Pompk.

✓ AM 360

9.67 f2A 9.87

✓ AM 370

10.40 k1A 10.50

✓ AM 416

10.40 k2r 10.60 10.75 = 10.68 08 07
10.75 r1k 10.85

✓ AM 502

9.95 g2A 10.15

✓ AM 1241

10.85 k2r 11.05 10.93 = 10.99 06 06
10.93 r1k 11.03

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1903phae.proj..715B

March 9, 1903.

9 C 11h 12g

✓ A M 1370

10.40 h 3r 10.70 10.65 = 10.68 02 03
10.65 r 2h 10.85

✓ A 3021

10.85 h 1r 10.95 10.83 = 10.88 07 06
10.83 r 2l 11.03

✓ A 2354 / 2514

10.40 g h 2r 10.60 10.55 = 10.58 02 03
10.55 r 3h 10.85

✓ A 377 a.sh

Poor image of cl.

✓ Near edge A 2270

10.40 h 2r 10.60 10.55 = 10.58 02 03
10.55 r 3h 10.85

A 2248

✓ 9.95 g 1r 10.05 10.20 = 10.12 07 08
10.20 r 2h 10.40

✓ Extreme edge of field A 2525

10.40 h 2r 10.60 10.55 = 10.58 02 03
10.55 r 3h 10.85

✓ Extreme edge of field A 2517

9.95 g 3r 10.25 10.20 = 10.22 03 02
10.20 r 2h 10.40

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1903phae.proj..715B

GC 11h 29

✓ A 2249

10.40 h 1 r 10.50 10.55 = 10.52 02 03
10.55 r 3 h 10.85

✓ A 2269

9.95 g 3 r 10.25 10.30 = 10.28 03 02
10.30 r 1 h 10.40

✓ A 2253 Sp.

9.95 g 3 r 10.25 10.20 = 10.22 03 02
10.20 r 2 h 10.40

✓ A 1805

10.40 h 3 r 10.70 10.65 = 10.68 02 03
10.65 r 2 h 10.85

B 2 11 20
Off film

✓ B 5-019 Sp.
Poor image of var.

✓ A 2224 Sp.

9.95 g 3 r 10.25 10.20 = 10.22 03 02
10.20 r 2 h 10.40

✓ A 2236

9.95 g 2 r 10.15 10.30 = 10.22 07 08
10.30 r 1 h 10.40

✓ AM 400

9.95 g 2 st 10.15

✓ A 2237

✓ AM 1467

10.40 h 2 r 10.60 10.55 = 10.58 02 03 10.85 h 3 r 11.15 10.83 = 10.99 16 16
10.55 r 3 h 10.85 10.83 r 2 h 11.03

✓ A 2240

9.95 g 3 r 10.25 10.30 = 10.28 03 02
10.30 r 1 h 10.40

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1903phae.proj..715B

March 17, 1903.

New Variable DM -2° 3653
13h 6.6m -2.0° (1855)
Comp. stars on l 17902

✓ l 17902

7.29 a 3 r 7.59 7.51 = 7.55 04 04
7.51 r 2 b 7.71

✓
Near edge of film. l 24576

7.29 a 3 r 7.59 7.51 = 7.55 04 04
7.51 r 2 b 7.71

✓ l 15436

7.79 b 3 r 8.09 7.91 = ~~8.00 09 09~~ 7.96 05 05
7.91 r 2 v 8.11

✓ l 24590

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 v 8.11

B l 9569 sp.

✓ 7.71 b 1 r 7.81 7.81 = 7.81 00 00
7.81 r 3 v 8.11

✓ l 10298 sp.

8.11 v 2 r 8.31 8.21 = 8.26 05 05
8.21 r 3 v 8.07

✓ l 10318 sp.

7.71 b 4 r 8.11 7.81 = 7.96 15 15
7.81 r 3 v 8.11

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1903phae.proj..715B

D M -2° 26553 cont.

✓ Lq01 Sp.

7.71 f3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ Red edge B18612

7.29 a4r 7.69
f1

B2464 Sp.

8.11 c2r 8.31 831 = 8.31
8.41 r1d 8.51

✓ B15737

7.71 f3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ B18488

7.71 f3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ B1264

7.71 f2r 7.91 7.81 = 7.86 05 05
7.81 r3c 8.11

✓ Lq27

8.51 d1r 8.61 8.59 = 8.60 01 01
8.59 r3c 8.89

✓ L588 Sp.

7.71 f3r 8.01 7.81 = 7.91 10 10
7.81 r3c 8.11

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1903phae.proj..715B

March 17, 1903.

DM -2° 3653

✓ L 13068

7.71 t 2r 7.91 7.81 = 7.86 05 05
7.81 r 3v 8.11

✓ B 19426

7.71 t 2r 7.91 7.81 = 7.86 05 05
7.81 r 3v 8.11

✓ L 20868

7.71 t 3r 8.01 7.91 = 7.96 05 05
7.91 r 2v 8.11

✓ L 20538 Sp.

7.71 t 3r 8.01 7.91 = 7.96 05 05
7.91 r 2v 8.11

✓ B 22534

7.29 a 2r 7.49 7.61 = 7.55 06 06
7.61 r 3t 7.71

✓ B 23192

7.71 t 3r 8.01 7.91 = 7.96 05 05
7.91 r 2v 8.11

✓ B 24870

7.71 t 3r 8.01 7.91 = 7.96 05 05
7.91 r 2v 8.11

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1903phae.proj..715B

March 17, 1903.

DM -2° 3655-3

✓ B24690
Toomar edge of film.

✓ B28072
On edge of pl

✓ D11176
7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ D8537
7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ D1150
8.11 c3r 8.41 8.31 = 8.36 05 05
8.31 r2d 8.51

✓ D821 Sp.
Poor pl.

✓ B23533
Poor pl.

✓ D900 Sp.
7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

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1903phae.proj..715B

March 17, 1903.

DM -2° 3655

✓ B2531

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ B2685

7.29 a3r 7.59 7.51 = 7.55 04 04
7.51 r2f 7.71

✓ l762

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ 9466 Sp.

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ B13372 Sp.
Tarrenridge Film

✓ l655 Sp.

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ Bl11246

8.11 a8r 8.41 8.31 = 8.36 05 05
8.81 r2d 8.51

✓ B18634

7.29 a3r 7.59 7.51 = 7.55 04 04
7.51 r2f 7.71

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1903phae.proj..715B

March 17, 1903.

DM -2° 3653

✓ B22766 Sp.

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ l 20560

7.29 a 3 r 7.59 7.51 = 7.55 04 04
7.51 r 2 b 7.71

✓ l 15145

7.71 b 2 r 7.91 7.81 = 7.86 05 05
7.81 r 3 c 8.11

✓ l 20981

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ B l 20770

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ Rg 5-68 Sp.

7.29 a 3 r 7.59 7.51 = 7.55 04 04
7.51 r 2 b 7.71

✓ B1417 Sp.

7.71 b 4 r 8.11 7.81 = 7.96 15 15
7.81 r 3 c 8.11

✓ D 854 Sp.

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

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1903phae.proj..715B

March 17, 1903

DM −2° 3655 cont.

✓ B1387 Sp.

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ B2535 0

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ Q1056 Sp.

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ B1365-6

7.71 t2r 7.91 7.81 = 7.86 05 05
7.81 r3c 8.11

✓ B15-681

8.11 c2r 8.31 8.21 = 8.26 05 05
8.21 r3d 8.51

✓ B15-736

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ B11192

7.29 a3r 7.59 7.51 = 7.55 04 04
7.51 r2f 7.71

✓ B17311

7.71 b2r 7.91 7.81 = 7.86 05 05
7.81 r3c 8.11

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1903phae.proj..715B

D M -2° 3653 cont.

✓ Knowledge. B 17199

7.71 b 2 r 7.91
c b

✓ B 18628

8.11 c 1 r 8.21 8.31 = 8.26 05 05
8.31 r 2 d 8.51

✓ B 13256

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ Q 15111

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ Poor plate B 15192

8.11 c 3 r 8.41 8.31 = 8.36 05 05
8.31 r 2 d 8.51

✓ Q 14504

8.11 c 2 r 8.31 8.41 = 8.36 05 05
8.41 r 1 d 8.51

✓ Q 4222

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ Q 11006

7.29 a 3 g 7.09 7.51 = 7.55 04 04
7.51 r 2 b 7.71

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1903phae.proj..715B

March 17, 1903.

DM -2° 3653

✓ B 11056

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ B 15883

8.11 c1r 8.21 8.31 = 8.26 05 05
8.31 r2d 8.51

✓
Knowledge l 18043

7.29 a2r 7.49 7.41 = 7.45 04 04
7.41 r3b 7.71

✓ B 18903

7.29 a2r 7.49 7.41 = 7.45 04 04
7.41 r3b 7.71

✓ l 17561
Toomer edge of film.

✓ l 3473

7.29 a3r 7.59 7.61 = 7.60 01 01
7.61 r1b 7.71

✓ B 16412

7.29 a3r 7.59 7.61 = 7.60 01 01
7.61 r1b 7.71

✓
Poor fb l 5600

8.11 c3r 8.41 8.31 = 8.36 05 05
8.31 r2d 8.51

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1903phae.proj..715B

March 17, 1903.

DM -2° 3653

✓ B15987

7.29 a 3r 7.59 7.51 = 7.55 04 04
7.51 r 2 f 7.71

✓ l 10937 Sp.

7.71 f 3r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ l 12874

7.71 b 1r 7.81 7.81 = 7.81 00 00
7.81 r 3 c 8.11

✓ B18511

7.29 a 2r 7.49 7.61 = 7.55 06 06
7.61 r 1 b 7.71

✓ l 3-06 Sp.

7.71 f 3r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ l 1019 Sp.

8.11 c 2r 8.51 8.41 = 8.36 06 05
8.41 r 1 d 8.57

✓ l 1006 Sp.

Poor in Mg. & cal.

✓ B16972

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

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1903phae.proj..715B

March 17, 1903.

D M -2° 3653

✓ B16076

7.71 t 2σ 7.91 7.81 = 7.86 05 05
7.81 σ 3 c 8.11

✓ B16773

Knowledge 7.71 t 2σ 7.91
c St

✓ L123-99

7.29 a 3σ 7.59 7.51 = 7.55 04 04
7.51 σ 2 t 7.71

✓ Poor pl L1320 St.

7.29 a 3σ 7.59 7.51 = 7.55 04 04
7.51 σ 2 t 7.71

✓ B2332 St.
Poor pl

✓ B2650
Poor pl.

✓ L630

7.29 a 3σ 7.59 7.61 = 7.60 01 01
7.61 σ 1 t 7.71

B9747

✓ 7.29 a 2σ 7.49 7.41 = 7.45 04 04
7.41 σ 3 t 7.71

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1903phae.proj..715B

March 17, 1903.

DM -2° 3653

✓ B18286

7.29 a3r 7.59 7.61=7.60 01 01
7.61 r1f 7.71

✓ L17162

7.71 f1r 7.81 7.91=7.86 05 05
7.91 r2c 8.11

✓ B75-91

8.11 c2r 8.31 8.41=8.36 05 05
8.41 r1d 8.51

✓ L15101

7.29 a2r 7.49 7.61=7.55 06 06
7.61 r1b 7.71

✓ B95-02

7.29 a1r 7.39 7.51=7.45 06 06
7.51 r2f 7.71

✓ L14357

7.71 f2r 7.91 7.81=7.86 05 05
7.81 r3c 8.11

✓ L12872

7.71 f3r 8.01 7.91=7.96 05 05
7.91 r2c 8.11

✓ B18677

7.29 a3r 7.59 7.51=7.55 04 04
7.51 r2f 7.71

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1903phae.proj..715B

March 17, 1903

DM -2° 3655

✓ D869 Sp.

7.71 t 3r 8.01 7.91 = 7.96 05 05
7.91 r 2c 8.11

✓ B18578

7.71 t 1r 7.81 7.81 = 7.81 00 00
7.81 r 3c 8.11

✓ D10820

7.29 a 3r 7.59 7.61 = 7.60 01 01
7.61 r 1t 7.71

✓ B16923

7.71 t 2r 7.91 7.81 = 7.86 05 05
7.81 r 3c 8.11

✓ B19139 Sp.

7.71 t 4r 8.11 7.91 = 8.01 10 10
7.91 r 2c 8.11

✓ D18132

7.29 a 3r 7.59 7.61 = 7.60 01 01
7.61 r 1t 7.71

✓ B29109

7.71 t 4r 8.11 7.91 = 8.01 10 10
7.91 r 2c 8.11

✓ B27746

7.71 t 2r 7.91 7.81 = 7.86 05 05
7.81 r 3c 8.11

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1903phae.proj..715B

March 17, 1903.

DM -2° 3653

✓ B27104
Toomeau edge.

✓ Q11213 Spm
7.71 f3σ 8.01 7.91 = 7.96 05 05
7.91. σ2c 8.11

✓ B9746
7.29 a1σ 7.39 7.41 = 7.40 01 01
7.41 σ3f 7.71

✓ B9503
7.29 a3σ 7.59 7.51 = 7.55 04 04
7.51 σ2f 7.71

✓ B16672
7.71 f1σ 7.81 7.81 = 7.81 00 00
7.81 σ3c 8.11

✓ Q6130
Toomeau edge of film

✓ B16413
7.29 a3σ 7.59 7.51 = 7.55 04 04
7.51 σ2f 7.71

✓ Q993
7.71 f3σ 8.01 8.01 = 8.01 00 00
8.01 σ1c 8.11

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1903phae.proj..715B

March 17, 1903.

DM -2° 3653

✓ Q 1388
Poor pl.

✓ Q 1299
7.29 a 3 σ 7.59 7.51 = 7.55 04 04
7.51 σ 2 f 7.71

✓ B 15725
7.71 f 3 σ 8.01 7.91 = 7.96 05 05
7.91 σ 2 c 8.11

✓ B 29237
Too near edge of pl.

✓ B 29250
Too near edge of film

✓ Q 22563
7.29 a 3 σ 7.59 7.61 = 7.60 01 01
7.61 σ 1 f 7.71

✓ Q 22625
7.71 f 2 σ 7.91 7.81 = 7.86 05 05
7.81 σ 3 c 8.11

✓
Near edge Q 22376
7.71 f 1 σ 7.81 7.81 = 7.81 00 00
7.81 σ 3 c 8.11

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1903phae.proj..715B

March 17, 1903.

DM -2° 365-3

✓ l22367

8.11 c2r 8.31 8.21 = 8.26 05 05
8.21 r3d 8.07

✓ l22186 Sp.

7.71 t2r 7.91 7.81 = 7.86 05 05
7.81 r3c 8.11

✓ l22943

7.71 t1r 7.81 7.81 = 7.81 00 00
7.81 r3c 8.11

✓ B29717

7.71 t3r 8.01 8.01 = 8.01 00 00
8.01 r1c 8.11

✓ l11019

7.29 a3r 7.59 7.61 = 7.60 01 01
7.61 a1t 7.71

✓ B19142 Sp.
Near edge of film

✓ B27958

7.71 t2r 7.91 8.01 = 7.96 05 05
8.01 r1c 8.11

✓ B29506

7.29 a3r 7.59 7.61 = 7.60 01 01
7.61 a1t 7.71

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1903phae.proj..715B

March 17, 1903.

DM - 2° 3653

✓ B 30383

7.71 b 3 r 8.01 8.01 = 8.01 00 00
8.01 r 1 c 8.11

✓ B 25589

7.71 b 1 r 7.81 7.81 = 7.81 00 00
7.81 r 3 c 8.11

✓ B 25-684

7.71 b 3 r 8.01 8.01 = 8.01 00 00
8.01 r 1 c 8.11

✓ B 23010

7.29 a 3 r 7.59 7.61 = 7.60 01 01
7.61 r 1 b 7.71

✓ B 17136

8.11 c 2 r 8.31 8.41 = 8.36 05- 05-
8.41 r 1 d 8.51

✓ B 19135-

7.71 b 3 r 8.01 7.91 = 7.96 05- 05-
7.91 r 2 c 8.11

✓ B 15-437

7.71 b 2 r 7.91 8.01 = 7.96 05- 05-
8.01 r 1 c 8.11

✓ B 16048

7.71 b 1 r 7.81 7.91 = 7.86 05- 05-
7.91 r 2 c 8.11

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1903phae.proj..715B

March 17, 1903.

DM −2° 3653

✓ B16601

7.71 b2r 7.91 8.01 = 7.96 05 05
8.01 r1c 8.11

✓ B18789

7.71 b1r 7.81 7.81 = 7.81 00 00
7.81 r3c 8.11

✓ B15965

7.71 b1r 7.81 7.91 = 7.86 05 05
7.91 r2c 8.11

✓ l6333

r11 c2r 8.31 8.41 = 8.36 05 05
8.41 r1d 8.51

✓ B18349

7.71 b1r 7.81 7.91 = 7.86 05 05
7.91 r2c 8.11

✓ B1369

7.71 b2r 7.91 8.01 = 7.96 05 05
8.01 r1c 8.11

✓ B479

8.11 c3r 8.41 8.31 = 8.36 05 05
8.31 r2d 8.51

✓

Immediately B7823

8.51 d3r 8.81 8.79 = 8.80 01 01
8.79 r1c 8.89

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1903phae.proj..715B

March 17, 1902

DM -2° 3653

✓ B19712

8.11 c1r 8.21 8.21 = 8.21 00 00
8.21 r3d 8.81

✓ B16635

7.29 a3r 7.69 7.81 = 7.75 04 04
7.81 r2f 7.71

✓ B19835

7.71 f2r 7.91 8.01 = 7.96 05 05
8.01 r1c 8.11

✓ B16595

7.71 f1r 7.81 7.91 = 7.86 05 05
7.91 r2c 8.11

✓ B13929

7.29 a4r 7.69 7.61 = 7.65 04 04
7.61 r1f 7.71

✓ AC1266

8.11 c1r 8.21 8.31 = 8.26 05 05
8.31 r2d 8.81

✓ AC2381

8.11 c3r 8.41 8.31 = 8.36 05 05
8.31 r2d 8.81

✓ AM5B

7.71 f3r 8.01 7.91 = 7.96 05 05
7.91 r3c 8.11

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1903phae.proj..715B

March 17, 1903.

DM -2° 3653

✓ AM 901
Ph. trailed

✓ AM 429
7.71 b3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AC 2287
8.11 c3r 8.41 8.41 = 8.41 00 00
8.41 r1d 8.51

✓ AC 2346
8.11 c3r 8.41 8.31 = 8.36 05 05
8.31 r2d 8.51

✓ AC 2466
7.71 b3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AC 2614
7.71 b4r 8.11 7.91 = 8.01 10 10
7.91 r2c 8.11

✓ AC 2644
7.71 b3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AC 3124
8.11 a1r 8.21 8.31 = 8.26 05 05
8.31 r2d 8.51

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1903phae.proj..715B

March 17, 1903.

DM -2° 3653

✓ AC3207

8.11 c 2 r 8.31 8.21 = 8.26 05 05
8.21 r 3 d 8.51

AC3236

✓
8.11 c 2 r 8.31 8.41 = 8.36 05 05
8.41 r 1 d 8.51

✓ AC3262

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AM1178

8.11 c 3 r 8.41 8.31 = 8.36 05 05
8.31 r 2 d 8.51

✓ AM823

8.11 c 2 r 8.31 8.21 = 8.26 05 05
8.21 r 3 d 8.51

✓ AM867

8.11 c 2 r 8.31 8.41 = 8.36 05 05
8.41 r 1 d 8.51

✓ AM365

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AM410

7.71 b 2 r 7.91 7.81 = 7.86 05 05
7.81 r 1 c 8.11

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1900phae.proj.7458

March 17, 1903.

DM -2° 3653

✓ AM 763

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AC 3342

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AC 792

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AC 778

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AC 740

7.71 b 3 r 8.01 8.01 = 8.01 00 00
8.01 r 1 c 8.11

✓ AC 932
Pouilb

✓ AM 500

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AC 709

7.71 b 4 r 8.11 7.91 = 8.01 10 10
7.91 r 2 c 8.11

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1903phae.proj..715B

March 17, 1903.

DM -2° 365-3

✓ AM 521

7.71 f 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AC 2268

8.11 c 1 r 8.21 8.31 = 8.26 05 05
8.31 r 2 d 8.51

✓ AC 2347

8.11 c 3 r 8.41 8.31 = 8.36 05 05
8.31 r 2 d 8.51

✓ AC 839

7.71 f 4 r 8.11 7.91 = 8.01 10 10
7.91 r 2 c 8.11

✓ AC 883

7.71 f 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AC 1185

7.71 f 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AC 676

7.71 f 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AC 714

7.71 f 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

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1903phae.proj..715B

March 17, 1903.

DM −2° 3653

✓ AC 786

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AC 294
Double

✓ AC 177

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AC 260

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AM 1285

7.71 b 3 r 8.01 8.01 = 8.01 00 00
8.01 r 1 c 8.11

✓ AM 1268

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AM 1248

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AM 905

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

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1903phae.proj..715B

March 17, 1903.

DM -2° 3653

✓ AM895

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AM894

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ Isochromatic AM847

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AM794

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AC3279

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AC2191

8.11 c2r 8.31 8.41 = 8.36 05 05
8.41 r1d 8.51

✓ AC1610

8.11 c2r 8.31 8.41 = 8.36 05 05
8.41 r1d 8.51

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1903phae.proj..715B

March 17, 1903.

DM -2° 365-3

✓ AC 15-23-

7.71 b3r 8.01 7.91=7.96 05- 05-
7.91 r2c 8.11

✓ AC 1494

8.11 c2r 8.31 8.41=8.36 05- 05-
8.41 r1d 8.51

✓ AC 1353-
Purple

✓ AC 1269

7.71 b3r 8.01 7.91=7.96 05- 05-
7.91 r2c 8.11

✓ AC 1194

7.71 b3r 8.01 7.91=7.96 05- 05-
7.91 r2c 8.11

✓ AC 887

7.71 b3r 8.01 7.91=7.96 05- 05-
7.91 r2c 8.11

✓ AC 802

7.71 b3r 8.01 7.91=7.96 05- 05-
7.91 r2c 8.11

✓ AC 745-
~~DM 400~~

8.11 c3r 8.41 8.31=8.36 05- 05-
8.31 r2d 8.51

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1903phae.proj..715B

March 17, 1903.

SM -2° 3653

✓ AC 2216

8.11 c2r 8.31 8.21 = 8.26 05 05
8.21 r3d 8.51

✓ AC 2331

7.71 b3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AC 2352

7.71 b3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AC 320

7.71 b3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AC 213
Poorpl

✓ AM 1477

7.71 b3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AM 1432

7.71 b3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AM 1412

7.71 b2r 7.91 7.91 = 7.91 00 00
7.91 r2c 8.11

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1903phae.proj..715B

March 17, 1903

DM -2° 365-3

✓ aM 1206

7.71 b 4 a 8.11 7.91 = 8.01 10 10
7.91 a 2 c 8.11

✓ AC 629

7.71 b 3 a 8.01 7.91 = 7.96 05- 05-
7.91 a 2 c 8.11

AC ~~1296~~
Double

✓ AC 795

7.71 b 3 a 8.01 7.91 = 7.96 05- 05-
7.91 a 2 c 8.11

✓ AC 754

7.71 b 3 a 8.01 7.91 = 7.96 05- 05-
7.91 a 2 c 8.11

✓ AC 694

7.71 b 4 a 8.11 7.81 = 7.96 15- 15-
7.81 a 3 c 8.11

✓ AC 2208

8.11 c 3 a 8.41 8.31 = 8.36 05- 05-
8.31 a 2 d 8.51

✓ AC 2231

8.11 c 3 a 8.41 8.31 = 8.36 05- 05-
8.31 a 2 d 8.51

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1903phae.proj..715B

March 18, 1903.

DM -2° 3653

✓ AC 2278

8.11 c3r 8.41 8.31 = 8.36 05 05
8.31 r2d 8.37

✓ AC 2413

8.11 p3r 8.41 8.31 = 8.36 05 05
8.31 r2d 8.51

✓ AC 2476

7.71 b3r 8.01 8.01 = 8.01 00 00
8.01 r1c 8.11

✓ AC 2547

8.11 c2r 8.31 8.21 = 8.26 05 05
8.21 r3d 8.51

✓ AC 1349

7.71 b3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AC 1420

7.71 b3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AC 1491

7.71 b3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AC 1504

8.11 c3r 8.41 8.31 = 8.36 05 05
8.31 r2d 8.51

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1903phae.proj..715B

March 18 1903.

DM -2° 3655

✓ AC 1305

7.71 b 3 r 8.01 7.91 = 7.96 05 05

7.91 r 2 c 8.11

✓ AC 1116

7.71 b 3 r 8.01 7.91 = 7.96 05 05

7.91 r 2 c 8.11

✓ AC 1202

Poor pb

✓ AC 845

7.71 b 3 r 8.01 7.91 = 7.96 05 05

7.91 r 2 c 8.11

✓ AM 1392

7.71 b 3 r 8.01 7.91 = 7.96 05 05

7.91 r 2 c 8.11

✓ AM 1497

7.71 b 3 r 8.01 8.01 = 8.01 00 00

8.01 r 1 c 8.11

✓ AM 1331

7.71 b 3 r 8.01 7.91 = 7.96 05 05

7.91 r 2 c 8.11

✓ AM 1181

8.11 c 3 r 8.41 8.31 = 8.36 05 05

8.31 r 2 d 8.61

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1903phae.proj..715B

March 18, 1903.

DM −2° 3653

AC 2471
Poor fit

AC 194
Serial off.

AM 1207
Poor fit

AM 5-07
Not seen

AM 5-04
Not seen

AM 444
Not seen

AC 2423
Poor fit

AC 2401

8.11 C3 r 8.41 8.41 = 8.41 00 00
8.41 r1 d 8.51

✓ AC 290

7.71 f3 r 8.01 7.91 = 7.96 05 05
7.91 r2 c 8.11

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1903phae.proj..715B

March 18, 1903

DM -2° 3653

✓ AC 240

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AM 4533

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AC 2591

8.11 c 3 r 8.41 8.41 = 8.41 00 00
8.41 r 1 d 8.51

✓ AC 2636

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ AC 2671

7.71 b 3 r 8.01 7.91 = 7.96 05 05
7.91 r 2 c 8.11

✓ Q 24586
Oxidge

✓ AC 3189

8.11 c 3 r 8.41 8.31 = 8.36 05 05
8.31 r 2 d 8.51

✓ AM 1199

8.11 c 2 r 8.31 8.21 = 8.26 05 05
8.21 r 3 d 8.51

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1903phae.proj..715B

March 18, 1903.

DM -2° 3653

✓ AM1182

8.11 C3r 8.41 8.31 = 8.36 05 05
8.31 r2d 8.51

✓ AM893

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AM885

8.11 C1r 8.21 8.21 = 8.21 00 00
8.21 r3d 8.51

✓ AM822

8.11 t2r 8.31 8.21 = 8.26 05 05
8.21 r3d 8.51

✓ AM1509

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AM1371

7.71 t3r 8.01 7.91 = 7.96 05 05
7.91 r2c 8.11

✓ AC2544

8.11 C2r 8.31 8.21 = 8.26 05 05
8.21 r3d 8.51

✓ AC2606

7.71 t4r 8.11 7.81 = 7.96 15 15
7.81 r3c 8.11

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1903phae.proj..715B

March 18, 1903

DM -2° 3605-3

✓ AC 3134

7.71 b 3r 8.01 8.01 = 8.01 00 00
8.01 r 1c 8.11

✓ AC 3143

7.71 b 3r 8.01 7.91 = 7.96 05- 05-
7.91 r 2c 8.11

✓ AC 3167

8.11 c 1r 8.21 8.31 = 8.26 05- 05-
8.31 r 2d 8.51

✓ AC 2393

8.11 c 3r 8.41 8.31 = 8.36 05- 05-
8.31 r 2d 8.51

✓ AC 2477

8.11 c 3r 8.41 8.31 = 8.36 05- 05-
8.31 r 2d 8.51

✓ AC 25-83

8.11 c 2r 8.31 8.41 = 8.36 05- 05-
8.41 r 1d 8.51

✓ AC 1464

8.11 c 1r 8.21 8.21 = 8.21 00 00
8.21 r 3d 8.51

✓ AC 1539

8.11 c 2r 8.31 8.41 = 8.36 05- 05-
8.41 r 1d 8.51

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1903phae.proj..715B

March 18, 1903

DM -2 3653

✓ AC2149

7.71 b3r 8.01 8.01=8.01 00 00
8.01 r1c 8.11

✓ AM1318

8.11 c2r 8.31 8.21=8.26 05 05
8.21 r3a 8.51

✓ AC1580

7.71 b3r 8.01 7.91=7.96 05 05
7.91 r2c 8.11

✓ AC1616

Pompl.

✓ AM777

8.11 c3r 8.41 8.31=8.36 05 05
8.31 r2d 8.51

✓ l 20585

7.29 b a 3 r 7.59 7.51=7.55 04 04
7.51 r2b 7.71

✓ l 11051 Sp.

7.71 b2r 7.91 7.91=7.91 00 00
7.91 r2c 8.11

✓ l 11137

Too near edge

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1903phae.proj.:7158

March 18, 1903.

DM -2° 3653

✓ l 11084

7.29 a 2σ 7.59 7.61 = 7.60 01 01
7.61 σ 1 t 7.71

✓ l 11135

7.29 a 3σ 7.59 7.51 = 7.55 04 04
7.57 σ 2 t 7.71

✓ l 11157

7.29 a 3σ 7.59 7.61 = 7.60 01 01
7.61 σ 1 t 7.71

✓ l 11165 sh
Possible

✓ l 11158

7.29 a 3σ 7.59 7.61 = 7.60 01 01
7.61 σ 1 t 7.71

✓ l 11230

7.29 a 3σ 7.59 7.61 = 7.60 01 01
7.61 σ 1 t 7.71

✓ a 3796

7.29 a 3σ 7.59 7.61 = 7.60 01 01
7.61 σ 1 t 7.71

✓ a 4388

7.29 a 3σ 7.59 7.71 7.91 = 7.74 13 03 17
7.71 2 ob 7.71
7.91 σ 2 e 8.11

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1903phae.proj..715B

March 18, 1903

DM −2° 3653

✓ a5427

7.71 H2r 7.91 8.01 = 7.96 05 05
8.01 a1c 8.11

✓ a552

7.29 a3r 7.59 7.61 = 7.60 01 01
7.61 a1f 7.71

✓ a493

7.29 a2r 7.49 7.61 = 7.55 06 06
7.61 a1f 7.71

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1900phae.proj.:715B

March 19, 1903

Extra Plate of Var $15^h 6.7^m - 5^\circ 0'$

✓ B30553
10.77 b 3 A 11.07

✓ B30525
11.80 n 2 A 12.0

✓ B30273
11.80 n 2 A 12.0

✓ B30219
12.10 o 3 A 12.4

✓ B30165
11.52 n 1 A 11.6

✓ B29842
11.80 n 2 r 12.00
o A

✓ B29974
12.10 o 2 r 12.30 12.02 = 12.16 14 14
12.02 o 3 f 12.32

✓ B29443
11.22 l 3 r 11.52 11.32 = 11,42 10 10
11.82 r 2 m 11.52

✓ B29374
11.22 l 2 r 11.42 11.42 = 11.42000
11.42 r 1 m 11.62

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1903phae.proj..715B

March 20, 1903.

Same cont.

v B28496
10.77 k 2 r 10.97 10.92 - 10.9403 02
10.92 o 3 l 11.22

v B27646
12.80 r 1 St 12.9

v B28401
10.45 k 2 St 10.65

v B27682
Surface

v B27927
11.80 n 2 St 12.0

v B27691
Surface

v B27818
11.52 m 1 St 11.6

v a4434
Off edge.

v B27700
Surface

v B27264
11.52 m 2 St 11.7

v B27225
12.80 r 1 St 12.9

v B27427
12.50 q 1 St 12.6

v B27556
12.10 o 2 St 12.3

v B27636
12.80 r 1 St 12.9

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1900phae.proj.7458

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1903phae.proj..715B

March 26, 1903.

Meas. of R.S Libra

15h 18.5m -22° 34' (1900)

Comp. plates on B 25473.

✓ B 25473

8.18 a 3 r 8.48 8.70 = 8.59 ||||

8.70 r 1 b 8.80

✓ Shawedge B 18304

9.92 e 2 A 10.1

✓ Shawedge B 15532 ~~17481~~

11.07 g 1 A 11.1

✓ Shawedge B 15-645 ~~17337~~

9.92 e 3 A 10.2

~~B 5-253~~

✓ Q 12462

Poor plate

✓ Q 12428

10.42 f 2 r 10.62 10.77 = 10.70 08 07

10.77 r 3 g 11.07

✓ Q 11335

Poor pl.

✓ Q 9021

9.92 e 3 r 10.22 10.22 = 10.22 00 00

10.22 r 2 f 10.42

✓ Q 8712 Sp.

10.42 f 1 A 10.5

✓ Q 8706 Sp.

10.42 f 1 A 10.5

✓ Q 8622 Sp.

10.42 f 2 A 10.6

✓ Q 8612 Sp.

9.92 e 1 A 10.0

✓ Q 85-93 Sp.

8.80 b 3 A 9.1

✓ Q 8581

11.07 g 3 A 11.3

✓ Q 85-74 Sp.

Poor mvg. star.

✓ Q 8548 Sp.

Poor pl.

✓ Q 85-20

9.12 a 2 r 9.32 9.37 = 9.34 02 03

9.37 r 1 d 9.47

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1902phae.proj.7158

March 26, 1903.

R S Libra cont

✓ l 6657 Sp.
Poor pls

✓ l 14517
8.18 a 3 r 8.48 8.60 = 8.54 06 06
8.60 a 2 b 8.80

✓ l 832 Sp.
9.12 c 1 f 9.2

✓ l 14346
8.18 a 4 r 8.58 8.50 = 8.54 04 04
8.50 r 3 b 8.80

✓ l 15172
Poor pls

✓ l 13199
8.80 b 2 r 9.00 8.82 = 8.91 09 09
8.82 r 3 c 9.12

✓ l 15133 Sp.
Poor pls in nig. frac.

✓ l 14972
9.92 e 2 r 10.12 10.32 = 10.22 10 10
10.32 r 1 f 10.42

✓ l 12978
9.12 c 3 r 9.42 9.27 = 9.34 08 07
9.27 r 2 d 9.47

✓ l 14706
9.12 c 2 r 9.32 9.27 = 9.30 02 03
9.27 r 2 d 9.47

✓ l 12581
11.77 b 2 r 11.9
l f

✓ l 14664
8.80 b 3 r 9.10 8.92 = 9.01 09 09
8.92 r 2 c 9.12

✓ l 12734 Sp.
9.12 c 3 r 9.42 9.27 = 9.34 08 07
9.27 r 2 d 9.47

✓ l 14586
8.18 a 3 r 8.48 8.60 = 8.54 06 06
8.60 r 2 b 8.80

✓ Poor pls 12778
11.07 g 2 r 11.27 11.45 = 11.36 09 09
11.45 r 1 h 11.55

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1903phae.proj..715B

March 26, 1903.

R S Libra

✓ l 20786
Pouple

✓ l 20732
11.53 h 2 S 11.7

✓ l 20183
9.47 d 3 o 9.77 9.72 = 9.74 0302
9.72 o 2 e 9.92

✓ l 20387
Pouple

✓ l 18442
Pouple

✓ l 18597
Pouple

✓ l 20024
Pouple

✓ l 18311
10.42 f 2 o 10.62 10.97 = 10.80 18 17
10.97 o 1 g 11.07

✓ l 18320
Pouple

✓ l 17837
Pouple

✓ l 18102
Pouple

✓ l 18216
Pouple

✓ l 17801 Sp.
0807
9.12 0 3 o 9.42 9.27 = 9.34
9.27 o 2 d 9.47

✓ l 17691 Sp.
9.47 d 2 o 9.67 9.67 = 9.67 0000
9.67 o 3 e 9.97

✓ l 17673 Sp.
9.12 0 3 o 9.42 9.27 = 9.34 0847
9.27 o 2 d 9.47

✓ l 17662
9.47 d 2 o 9.67 9.82 = 9.74 0787
9.82 o 1 e 9.92

✓ l 17356
Pouple

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1002phae.proj.7158

March 26, 1903.

R Leo

✓ l 17078
Poor plate

✓ l 24990
9.12 c3 r 9.42 9.27 = 9.34
9.27 r2 d 9.47

✓ l 17542
Poor plate

✓ B 22765
Too much edge of film

✓ l 15524
Poor plate

B 22763
9.92 e1 r 10.02 10.22 = 10.12
10.22 r2 f 10.42

✓ l 15203
Poor plate

✓ Str edge B 27732
8.18 a3 r 8.48 8.60 = 8.54
8.60 r2 f 8.80

✓ l 15304
11.07 g2 r 11.27 11.36 = 11.31 04 04
11.35 r2 h 11.05

✓ B 25419 Str edge
8.80 b1 r 8.90

✓ l 15490
Poor plate

✓ l 15304
11.77 k2 r 11.97 12.00 = 11.98
12.00 r1 l 12.10 01 02

✓ l 25682
Poor plate

✓ B 25333
Pl damaged

✓ a 3823
8.18 a3 r 8.48 8.70 = 8.59 11 11
8.70 r1 f 8.80

✓ l 25512 Sp.
Too much edge

✓ B 25256 Str edge
8.18 a3 r 8.48 8.60 = 8.54
8.60 r2 b 8.80

✓ l 25247 Spr
Too much edge & pl

B 6530
Pl trailed

✓ l 25245 Sp.
8.18 a2 r 8.48 8.70 = 8.59 11 11
8.70 r1 b 8.80

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1903phae.proj..715B

March 26, 1903.

R Leonis

✓ B6414

9.47 d 3 r 9.77 9.72 = 9.74 03 02
9.72 r 2 e 9.92

Knowledge B6408

✓ 9.47 d 2 r 9.67 9.62 = 9.64 03 02
9.62 r 3 e 9.92

✓ B6396

9.47 d 2 r 9.67 9.82 = 9.74 07 08
9.82 r 1 e 9.92

✓ B6394
Too much edge of film

✓ B6260

9.12 c 1 r 9.22 9.27 = 9.24 02 03
9.27 r 2 d 9.47

✓ B6218
Purple

✓ B7546
Purple

✓ B7545
Purple

✓ B7544

10.42 f 1 r 10.52 10.87 = 10.70 18 17
10.87 r 2 g 11.07

✓ B7773 Sp.

9.12 c 3 r 9.42 9.37 = 9.40 02 03
9.37 r 1 d 9.47

✓ B7789 Sp.
Purple

✓ B7804 Sp.

9.12 c 1 r 9.22 9.27 = 9.24 02 03
9.27 r 2 d 9.47

✓ B8521 Sp.
Purple

✓ Bg386
Pl damaged in meas.

✓ Bg387

10.42 f 2 r 10.72 10.97 = 10.84 12 13
10.97 r 1 g 11.07

✓ Bg388
Too much edge

✓ Bg531

11.55 h 2 r 11.75 11.47 = 11.61 14 14
11.47 r 3 k 11.77

✓ Bg613 Sp.
Purple

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1900phae.proj.7158

March 26/1903.

R Librae

✓ B9614
Poor irreg. fragm.

✓ B9615
Poor pt.

✓ B10818 Sp.
Poor irreg. fragm.

✓ B11106 Sp.
Poor pt.

✓ B11280
Irr. edge

8.18 a 3 r 8.48 8.60 = 8.54 06 06
8.60 r 2 f 8.80

✓ B11303 Sp.
Too near edge.

✓ B11361 Sp.
Too near comet

✓ B11589
10.42 f 1 r 10.52 10.67 = 10.60 08 07
10.67 r 4 g 11.07

✓ B12863
Too near edge of film

✓ B15980
Too near edge of film

✓ B16064
11.07 g 3 r 11.37 11.35 = 11.36 01 01
11.35 r 2 h 11.53

✓ B16065
10.42 f 2 r 10.62

✓ B16797
Too near edge of film.

✓ B16774
10.42 f 3 r 10.62 10.87 = 10.74 12 13
10.87 r 2 g 11.07

✓ B16610
Too near edge of film

✓ B16562
Too near edge of film

✓ B16492
11.07 g 2 r 11.27 11.45 = 11.36 09 09
11.45 r 1 h 11.58

✓ B16497
11.53 h 2 r 11.78 11.67 = 11.71 04 04
11.67 r 1 k 11.77

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1903phae.proj..715B

March 26, 1903.

R Leonis

✓ B14 5643

9.92 c 2 r 10.12 10.32 = 10.22 10 10
10.32 r 1 f 10.42

✓ B14286

8.18 a 3 r 8.48 8.60 = 8.54 06 06
8.60 r 2 f 8.80

✓ B15692

10.42 f 1 r 10.52 10.77 = 10.64 12 13
10.77 r 3 g 11.07

✓ B15388

8.80 f 3 r 9.10 892 = 9.01 09 09
8.92 r 2 c 9.12

✓ B15729

10.42 f 3 r 10.72 10.87 = 10.80 08 07
10.87 r 2 g 11.07

✓ B15396 Toomuch edge

8.18 a 4 r 8.58 8.50 = 8.54 04 04
8.50 r 3 f 8.80

✓ B15777

10.42 f 3 r 10.72 1087 = 10.80 08 07
10.87 r 2 g 11.07

✓ B15429

8.80 f 3 r 9.10 892 = 9.01 09 09
8.92 r 2 c 9.12

✓ B15780

Toomuch edge of film

✓ B15513

02 03
9.12 c 2 r 9.32 9.37 = 9.34
9.37 r 1 d 9.47

✓ B15781

Toomuch edge of film

✓ B15522

03 02
9.47 d 1 r 9.57 9.62 = 9.60
9.62 r 2 e 9.92

✓ B15890

10.42 f 1 t 10.6

✓ B15533

Poor pl.

✓ B13120

11.07 g 1 t 11.1

✓ B13969

06 06
8.18 a 3 r 8.48 8.60 = 8.54
8.60 r 2 b 8.80

✓ B13110

10.42 f 2 t 10.7

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1903phae.proj..715B

March 26, 1903.

R Leonis

✓ B13355

10.42 f4r 10.82 10.87 = 10.84 02 03
10.87 r2g 11.07

✓ B13335

10.42 f3r 10.72 10.87 = 10.80 05 07
10.87 r2g 11.07

✓ B13151 Sp.

9.92 e2r 10.12
f5

✓ B14028

8.18 a4r 8.58 8.50 = 8.54 04 04
8.80 r3f 8.80

✓ B17200

9.12 c2r 9.32 9.37 = 9.34 02 03
9.37 r1d 9.47

✓ B21948

9.47 d3r 9.77 9.72 = 9.74 03 02
9.72 r2e 9.92

✓ 18682
Poorly

✓ B25072

8.80 f2r 9.00 8.82 = 8.91 09 09
8.82 r3e 9.12

✓ B23720

9.47 d2r 9.67 9.62 = 964 03 02
9.62 r3e 9.92

✓ B23650

9.92 e3r 10.22 10.22 = 10,22 00 00
10.22 r2f 10.42

✓ B23405

10.42 f3r 10.72 10.97 = 10.84 12 13
10.97 r1g 11.07

✓ B23271

10.42 f3r 10.72 10.87 = 10.80 05 07
10.87 r2g 11.07

✓ B23161

11.07 g1r 11.17 11.35 = 11.26 09 09
11.35 r2h 11.58

✓ B21936 Nimrodgeffilm

9.12 c3r 9.42 9.27 = 9.34 05 07
9.27 r2d 9.47

✓ B15934

10.42 f3r 10.72 10.87 = 10.80 05 07
10.87 r2g 11.07

✓ B17500

8.18 a3r 8.48 8.60 = 854 06 06
8.60 r2f 8.80

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1903phae.proj..715B

March 26, 1903.

R S Libra

✓ Standard film B25 495

8.80 k3r 9.10 8.92=9.01 09 09
8.92 r2c 9.12

✓ B27909

8.18 a3r 8.48 8.60=8.54 06 06
8.60 a2f 8.80.

✓ B21931 Sp.

9.12 c2r 9.32 9.37=9.34 02 03
9.37 r1d 9.47

✓ B21134

11.77 k2f = 11.9

✓ B21074

Too much edge of film

✓ B20094

11.77 k2r 11.97 12.00=11.98 01 02
12.00 r1l 12.10

✓ B20272

11.77 k2r 11.97 12.00=11.98 01 02
12.00 r1l 12.10

✓ B20351

Too much edge of film

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1903phae.proj..715B

March 26, 1903.

R Lyrae

✓ B19312
Too near edge of film

✓ B19311
8.80 f3σ 9.10 8.92 = 9.01 09 09
8.92 σ2c 9.12

✓ B19191
8.18 a3σ 8.48 8.60 = 8.54 06 06
8.60 σ2f 8.80

✓ B19033
8.18 a3σ 8.48 8.60 = 8.54 06 06
8.60 σ2f 8.80

✓ B29925
Surface

✓ B29903
11.07 g3σ 11.37 11.35 = 11.36 01 01
11.35 σ2h 11.53

✓ B29695
Too near edge of film

✓ B29449
10.42 f1σ 10.52 10.77 = 10.64 12 13
10.77 σ3g 11.07

✓ B29372
Too near edge of film

B28483
~~9.92~~ l2σ 10.12
σ1l

✓ B28399
Too near edge of film

✓ B25861 Lyrae "L"
09 08
11.77 k3σ 12.07 11.90 = 11.98
11.90 σ2l 12.10

✓ B25908
Too near edge of film

✓ B27398
σσσσ
9.92 l3σ 10.22 10.22 = 10.22
10.22 σ2f 10.42

✓ B27554
03 02
9.47 d2σ 9.67 9.62 = 9.64
9.62 σ3l 9.92

✓ B16246
11.55 k1f 11.6

✓ B16973
12 13
10.42 f1σ 10.52 10.77 = 10.64
10.77 σ3g 11.07

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1903phae.proj..715B

March 26, 1903.

R Leonis

✓ B16974

10.42 f3r 10.72 10.87=10.80 08 07

10.87 r2g 11.07

✓ B16982

9.92 e2r 10.12 10.32=10.22 10 10

10.32 r1f 10.42

✓ B17138

9.12 c2r 9.32 9.37=9.34 02 03

9.37 r1d 9.47

✓ B17530

8.18 a4r 8.58 8.50=8.54 04 04

8.50 r3f 8.80

✓ B17647

8.18 a4r 8.58 8.60=8.59 01 01

8.60 r2f 8.80

✓ B18303

9.92 e2,f 10.1

✓ B18354

11.58 h2r 11.75 11.47=11.61 14 14

11.47 r3h 11.77

✓ B18335

Formed getfh

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1903phae.proj..715B

March 26, 1903.

R Leonis

B 18355
Too near edge of pl.

✓ B 18531

11.07 g 1 o 11.17 11.35 = 11.26 09 09
11.35 o 2 h 11.53

✓ B 18704

9.47 d 1 o 9.57 9.62 = 9.60 03 02
9.62 o 3 e 9.92

✓ B 18763

9.12 c 1 o 9.22 9.17 = 9.20 02 03
9.17 o 3 d 9.47

✓ B 18839

8.80 f 1 o 8.90 8.82 = 8.86 04 04
8.82 o 3 c 9.12

✓ B 18939

8.18 a 3 o 8.48 8.60 = 8.54 06 06
8.60 o 2 f 8.80

✓ B 18967. 8 pr.

8.18 a 3 o 8.48 8.60 = 8.54 06 06
8.60 o 2 f 8.80

✓ B 18980 sh.
Too near edge of film

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1903phae.proj..715B

March 26, 1903.

R S Lyra

✓ B 19766
Toomuch edge of film

✓ B 5-141 Sp.
Poor pl

✓ B19713
9.92 c 2 r 10.12 10.32 = 10.22 10 10
10.32 r 1 f 10.42

✓ B 5-182 Sp.
Poor pl

✓ B 5236
11.77 k 2 st 11.9

✓ B19643
9.92 c 2 r 10.12 10.32 = 10.22 10 10
10.32 r 1 f 10.42

✓ B 6409
Poor pl

✓ B 19619 Sp.
9.47 d 1 r 9.57
1 st

✓ B 6395
03 02
9.47 d 3 r 9.77 9.82 = 9.80
9.82 r 1 c 9.92

✓ B19433.
9.12 c 2 r 9.82 9.37 = 9.34 02 03
9.37 r 1 d 9.47

B 7357
Poor pl

B 7-78
Poor pl

✓ B35699
Poor pl

B 7-64
Poor pl

✓ B3636
Poor pl. in neg. of nar.

✓ B 9616 Sp.
Too much edge of f

✓ B3675 Sp.
Poor pl

✓ B16388
Too much edge of f

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1903phae.proj..715B

March 27, 1903.

R Leonis

v a 2630

11.77 k 4 σ 12.17 11.90 = 12.04. 13 14
11.90 σ 2 l 12.10

✓ a 3823

8.80 b 1 σ 8.90 8.82 = 8.86 04 04
8.82 σ 3 c 9.12

✓ a 5505

8.18 a 4 σ 8.58 8.60 = 8.59 01 01
8.60 σ 2 b 8.80

v a 7055 Sp.

10.42 f 2 σ 10.62
g 1

v a 6455 Sp.

9.12 a 1 σ 9.22 9.17 = 9.2002 03
9.17 σ 3 d 9.47

✓ a 6375 Sp.

8.18 a 3 σ 8.48 8.60 = 8.54 06 06
8.60 σ 2 b 8.80

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1903phae.proj..715B

Extra mes of Carina R L

√ B 29043

12.12 1p 2 St 12.3

√ B 29009

Too heavy of film

1903phae.proj..715B

April 6, 1903.

New Variable A.G.C. 17944

13 6.3 -56 28

See L.D.L.'s note bk. 3, pg. 39.

B 13563 Comp. plate.

B 13563
l 3 r
r 2 m

B 9717
n 2 r
r 3 d

B 9705
l 2 r
a 1 m

B 11196

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1903phae.proj..715B

April 8 1903.

Meas. of rel. of L.D.W.'s h m ° ′
13 6.3 − 56 28
" " " " L.E.B.'s 13 6.5.6 − 56 18 24.9 Magn.
Comp. plates on B 135 − 63.

Var. 1 B 13563

9.80 l 1 r 9.90 9.90 = 9.90 00 00
9.90 r 2 m 10.10

Var. 2 10.10 m 2 r 10.30 10.45 = 10.38 08 07
10.45 r 1 m 10.55

Var. 1 B 8313 Sp.

9.80 l 1 r 9.9

Var. 2 9.80 l 1 r 9.9

Var. 1 B 11196

10.10 m 2 r 10.30 10.25 = 10.28 02 03
10.25 r 3 m 10.55

Var 2 9.80 l 1 r 9.90 9.90 = 9.90 00 00
9.90 r 2 m 10.10

Var. 1 B 25181

9.80 l 2 r 10.00 10.00 = 10.00 00 00
10.00 r 1 m 10.10

Var. 2 9.80 l 3 r 10.10 10.00 = 10.05 05 05
10.00 r 1 m 10.10

Var. 1 B 11134

10.10 m 3 r 10.40 10.35 = 10.38 02 03
10.35 r 2 m 10.55

Var. 2 9.80 l 2 r 10.00 10.00 = 10.00 00 00
10.00 r 1 m 10.10

Var. 1 B 27297

9.80 l 2 r 10.00 10.00 = 10.00 00 00
10.00 r 1 m 10.10

Var. 2 9.80 l 2 r 10.00 10.00 = 10.00 00 00
10.00 r 1 m 10.10

Var. 1 B 3477

10.10 m 1 r 10.20 10.35 = 10.28 08 07
10.35 r 2 m 10.55

Var. 2 9.80 l 2 r 10.00 9.90 = 9.95 05 05
9.90 r 2 m 10.10

Var. 1 B 14074

10.10 m 2 r 10.30 10.25 = 10.28 02 03
10.25 r 3 m 10.55

Var. 2 9.80 l 2 r 10.00 10.00 = 10.00 00 00
10.00 r 1 m 10.10

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1903phae.proj..715B

Same cont.

Var. 1 B23397

10.10 m 1 r 10.20 10.35⁻ = 10.28 02 03

10.35⁻ r 2 m 10.55⁻

Var. 2 10.10 m 3 r 10.40 10.35⁻ = 10.38 02 03

10.35⁻ r 2 m 10.55⁻

Var. 1 B22685⁻

10.10 m 2 r 10.30 10.25⁻ = 10.28 02 03

10.25⁻ r 3 m 10.55⁻

Var. 2 10.10 m 3 r 10.40 10.35⁻ = 10.38 02 03

10.35⁻ r 2 m 10.55⁻

Var. 1 B10815 Sp.

9.80 l 1 St 9.9

Var 2 9.80 l 1 St 9.9

Var. 1 B10859

10.10 m 3 r 10.40 10.35⁻ = 10.38 02 03

10.35⁻ r 2 m 10.55⁻

Var. 2 10.10 m 3 r 10.40 10.35⁻ = 10.38 02 03

10.35⁻ r 2 m 10.55⁻

Var. 1 & 2 B10879

Too near edge of fld

Var. 1 B10925⁻

10.10 m 3 r 10.40 10.35⁻ = 10.38 02 03

10.35⁻ r 2 m 10.55⁻

Var. 2 10.10 m 3 r 10.40 10.35⁻ = 10.38 02 03

10.35⁻ r 2 m 10.55⁻

B25713

Var. 1 10.10 m 2 r 10.30 10.25⁻ = 10.28 02 03

10.25⁻ r 3 m 10.55⁻

Var. 2 10.10 m 2 r 10.30 10.35⁻ 10.32 02 03

10.35⁻ r 2 m 10.55⁻

Var. 1 B9549 Star edge of film

10.10 m 3 r 10.40 10.35⁻ = 10.38 02 03

10.35⁻ r 2 m 10.55⁻

Var. 2 10.10 m 3 r 10.40 10.35⁻ 10.38 02 03

10.35⁻ r 2 m 10.55⁻

Var. 1 B22448

9.80 l 2 r 10.00 9.90 = 9.95 00⁻ 05⁻

9.90 r 2 m 10.10

Var. 2 10.10 m 2 r 10.30 10.25⁻ = 10.28 02 03

10.25⁻ r 3 m 10.55⁻

Var. 1 & 2 B22991

Too near edge of fld

Var. 1 B22446

9.80 l 2 r 10.00 9.90 = 9.95 05⁻ 05⁻

9.90 r 2 m 10.10

Var. 2 10.10 m 3 r 10.40 10.35⁻ = 10.38 02 03

10.35⁻ r 2 m 10.55⁻

Sp. B8400

Var 1 9.80 l 1 St 9.9

Var 2 9.80 l 1 St 9.9

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1903phae.proj..715B

April 8, 1903.

Same part.

Var.1 B9150

10.10 b m 2 r 10.30 10.25 = 10.28 02 03

10.25 r 3 m 10.55

Var.2 10.10 m 2 r 10.30 10.36 = 10.32 02 03

10.35 r 2 m 10.55

Var.1 B9640

10.10 m 2 r 10.30 10.25 = 10.28 02 03

10.25 r 3 m 10.55

Var.2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var.1 B23527

9.80 b 2 r 10.00 10.00 = 10.00 00 00

10.00 r 1 m 10.10

Var.2 9.80 b 3 r 10.10 10.00 = 10.05 05 05

10.00 r 1 m 10.10

Var.1 B27779

10.10 m 1 r 10.20 10.38 = 10.28 08 07

10.35 r 2 m 10.55

Var.2 10.10 m 2 r 10.30 10.45 = 10.38 08 07

10.45 r 1 m 10.55

Var.1 B21371

9.80 b 1 r 9.90 9.90 = 9.90 00 00

9.90 r 2 m 10.10

Var.2 10.10 m 2 r 10.30 10.45 = 10.38 08 07

10.45 r 1 m 10.55

Var.1 B22877

10.10 m 2 r 10.30 10.25 = 10.28 02 03

10.25 r 3 m 10.55

Var.2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var.1 B21804

10.10 m 1 r 10.20 10.35 = 10.28 08 07

10.35 r 2 m 10.55

Var.2 10.10 m 3 r 10.40 10.45 = 10.42 02 03

10.45 r 1 m 10.55

Var.1 B11437

10.10 m 2 r 10.30 10.45 = 10.38 08 07

10.45 r 1 m 10.55

Var.2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var.1 B19958

9.80 b 2 r 10.00 10.00 = 10.00 00 00

10.00 r 1 m 10.10

Var 2 m 3 r

r 2 m

Var.1 B13626

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var.2 10.10 m 3 r 10.40 10.45 = 10.43 02 03

10.45 r 1 m 10.55

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1903phae.proj..7158

Same cont.

Var. 1 B18935

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1 B6428

10.10 m 2 r 10.30

m St

Var. 2 10.10 m 3 r 10.40

m St

Var. 1 B5402

10.10 m 3 r 10.40 10.45 = 10.42 02 03

10.45 r 1 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1 B19908 Sh.

02 03

10.10 m 1 r 10.20 10.25 = 10.22

10.25 r 3 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38

02 03

10.35 r 2 m 10.55

Var. 1 B9529

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1 B23238 Sh.

02 03

10.10 m 1 r 10.20 10.25 = 10.22

10.25 r 3 m ? 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38

02 03

10.35 r 2 m ? 10.55

Var. 1 B20038

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.45 = 10.42 02 03

10.45 r 1 m 10.55

Var. 1 B9641

02 03

10.10 m 3 r 10.40 10.35 = 10.38

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38

02 03

10.35 r 2 m 10.55

Var. 1 B5488 Sh.

8.73 f 2 St 8.9

Var. 2 8.73 f 2 St 8.9

Var. 1 B25104

02 03

10.10 m 3 r 10.40 10.35 = 10.38

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38

02 03

10.35 r 2 m 10.55

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1903phae.proj..715B

April 5, 1903.

Same cont.

Var. 1 B16303

10.10 m 3 r 10.40 10.45 = 10.42 02 03

10.45 r 1 m 10.55

Var 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1 B15855

10.10 m 2 r 10.30 10.45 = 10.38 05 07

10.45 r 1 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1 B13207

10.10 m 3 r 10.20 10.35 = 10.28 05 07

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1 B16179

9.80 l 3 r 10.10 10.00 = 10.05 05 05

10.00 r 1 m 10.10

Var. 2 10.10 m 1 r 10.20 10.25 = 10.22 02 03

10.25 r 3 m 10.55

Var. 1 B13085 Sp.

9.48 l 2 s 9.6

Var. 2 9.48 l 2 s 9.6

Var. 1 B19924 Sp.

10.10 m 2 r 10.30

m s ?

Var 2 10.10 m 1 r 10.20

m s ?

Var. 1 B15544

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.55 m 1 r 10.65 10.70 = 10.68 03 02

10.70 r 2 0 10.90

Var. 1 B15767

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

B18637

Var. 1 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.45 = 10.42 02 03

10.45 r 1 m 10.55

Var. 1 B18661

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.45 = 10.42 02 03

10.45 r 1 m 10.55

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1903phae.proj.715B

April 8, 1903.

Dome cont.

Var. 1 B19268
Toomaudgeffk

Var. 1 B19824
Toomaudgeffk

Var. 1 B27005
9.80 b 2 r 10.00 10.00=10.00 00 00
10.00 r 1 m 10.10

Var. 2 10.10 m 2 r 10.30 10.45=10.38 08 07
10.45 r 1 m 10.55

Var. 1 B27306
10.10 m 2 r 10.30 10.25=10.28 02 03
10.25 r 3 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35=10.38 02 03
10.35 r 2 m 10.55

Var. 1 B27309
9.80 b 1 r 9.90 9.90=9.90 00 00
9.90 r 2 m 10.10

Var. 2 10.10 m 2 r 10.30 10.35=10.32 02 03
10.35 r 2 m 10.55

Var. 1 B27707
10.10 m 1 r 10.20 10.35=10.28 08 07
10.35 r 2 m 10.55

Var. 2 10.10 m 1 r 10.20 10.35=10.28 08 07
10.35 r 2 m 10.55

Var. 1 B27715
10.10 m 1 r 10.20 10.35=10.28 08 07
10.35 r 2 m 10.55

Var. 2 10.10 m 1 r 10.20 10.35=10.28 08 07
10.35 r 2 m 10.55

Var. 1 B27716
10.10 m 1 r 10.20 10.35=10.28 08 07
10.35 r 2 m 10.55

Var. 2 10.10 m 1 r 10.20 10.35=10.28 08 07
10.35 r 2 m 10.55

Var. 1 B13887
9.80 b 1 r 9.90 9.90=9.90 00 00
9.90 r 2 m 10.10

Var. 2 10.10 m 1 r 10.20 10.35=10.28 08 07
10.35 r 2 m 10.55

Var. 1 B13480
10.10 m 3 r 10.40 10.35=10.38 02 03
10.35 r 2 m 10.55

Var. 2 10.55 m 2 r 10.78 10.80=10.78 03 02
10.80 r 1 o 10.90

Var. 1 B13449 Sp.
10.10 m 1 r ? 10.20
m A

Var. 2 10.10 m 1 r ? 10.20
m A

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1903phae.proj..715B

April 8, 1903

Same cont.

Var. 1 B9705-

9.80 l 1 r 9.90 9.90=9.90 00 00

9.90 r 2 m 10.10

Var. 2 10.10 m 3 r 10.40 10.35=10.38 02 03

10.35 r 2 m 10.55-

Var. 1 B9717

10.10 m 3 r 10.40 10.35=10.38 02 03

10.35 r 2 m 10.55-

Var. 2 10.10 m 2 r 10.30 10.35=10.32 02 03

10.35 r 2 m 10.55-

Var. 1 & 2 B8256

Pomplalimi ug. spon

Var. 1 & 2 B9484 Sp.

Too near edge of film

Var. 1 B9422 Sp.

10.10 m 2 r 10.30

n ♄ ?

Var. 2 10.10 m 3 r 10.40

n ♄ ?

Var. 1 B9399 Sp.

10.10 m 2 r 10.30

n ♄ ?

Var. 2 10.10 m 2 r 10.30

n ♄ ?

Var. 1 B9375- Sp.

10.10 m 2 r 10.30 10.45=10.38 08 07

10.45- r 1 m 10.55-

Var. 2 Difficult

Var. 1 B-7821

10.10 m 3 r 10.40 10.35=10.38 02 03

10.35- r 2 m 10.55-

Var. 2 10.10 m 3 r 10.40 10.35=10.38 02 03

10.35- r 2 m 10.55-

B75-72

Poor pl

B7275-

Poor pl

B7274

Poor pl

B6495- Sp.

Too near edge of film

Var. 1 B27099

10.10 m 3 r 10.40 10.35=10.38 02 03

10.35- r 2 m 10.55-

Var. 2 9.80 l 2 r 10.00 10.00=10.00 00 00

10.00 r 1 m 10.10

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1903phae.proj..715B

Same cont.

Var. 1 B25-689

10.10 m 3 r — 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r — 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1+2 B26917

Too near edge of plate

Var. 1 B27963

10.10 m 3 r — 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r — 10.40 10.45 = 10.42 02 03

10.45 r 1 m 10.55

Var. 1 B27811

9.80 l 2 r — 10.00 10.00 = 10.00 ~~0.00~~

10.00 r 1 m 10.10

Var. 2 10.10 m 3 r — 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1 B24821

10.10 m 3 r — 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 2 r — 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1 B23469

9.80 l 3 r — 10.10 10.00 = 10.05 05 05

10.00 r 1 m 10.10

Var. 2 10.10 m 3 r — 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1 B2345-6

10.10 m 2 r — 10.30 10.45 = 10.38 05 07

10.45 r 1 m 10.55

Var. 2 10.10 m 2 r — 10.30 10.25 = 10.28 02 03

10.25 r 3 m 10.55

Var. 1 B2335-4

10.10 m 3 r — 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r — 10.40 10.35 = 10.38 02 05

10.35 r 2 m 10.55

Var. 1 B22992

10.10 m 2 r — 10.30 10.25 = 10.28 02 03

10.25 r 3 m 10.55

Var. 2 10.10 m 3 r — 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1+2 B24940

Too near edge of plate

Var. 1 B24942

10.10 m 3 r — 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 2 r — 10.30 10.45 = 10.38 05 07

10.45 r 1 m 10.55

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1903phae.proj..715B

April 8, 1903.

Same cont

Var. 1 B25-064

9.80 l 3 r 10.10 10.00=10.05 05 05

10.00 r 1 m 10.10

Var. 2 10.10 m 2 r 10.30 10.45=10.38 08 07

10.45 r 1 m 10.55

Var. 1 B21872

10.10 m 2 r 10.30 10.25=10.27 03 02

10.25 r 3 m 10.55

Var. 2 10.10 m 3 r 10.40 10.45=10.42 02 03

10.45 r 1 m 10.55

Var. 1 B25-146

10.10 m 2 r 10.30 10.35=10.32 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 2 r 10.30 10.25=10.28 02 03

10.25 r 3 m 10.55

Var. 1 B21708

10.10 m 3 r 10.40 10.35=10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 2 r 10.30 10.25=10.28 02 03

10.25 r 3 m 10.55

Var. 1 B25-492

10.10 m 1 r 10.20 10.25=10.22 02 03

10.25 r 3 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35=10.38 02 03

10.35 r 2 m 10.55

Var. 1 B21234

10.10 m 3 r 10.40 10.35=10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.45=10.42 02 03

10.45 r 1 m 10.55

Var. 1 B22331

9.80 l 3 r 10.10 10.00=10.05 05 05

10.00 r 1 m 10.10

Var. 2 10.10 m 3 r 10.40 10.35=10.38 02 03

10.35 r 2 m 10.55

Var. 1 B-2 B5-448 Sh.

Too much edge film

Var. 1-2 B5-282 Sh.

Too much edge film

Var. 1-2 B5-091

Too much edge film

Var. 1-2 B5-023

Poor image quality

Var. 1 B4968 Sh.

Poor image quality

Var. 1 B3543

10.10 m 2 r 10.30 10.45=10.38 05 07

10.45 r 1 m 10.55

Var. 2 9.80 l 2 r 10.00 10.00=10.00 00

10.00 r 1 m 10.10

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1903phae.proj..715B

April 8, 1903.

Same cont.

Var. 1 B3420

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 9.80 l 2 r 10.00 9.90 = 9.95 05 05

9.90 r 2 m 10.10

Var. 1&2 B3309

Tor ma edge + comm

Var. 1 B11264 Sh.

Difficult

Var. 2 Diff

Var. 1 B11232

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 9.80 l 2 r 10.00 9.90 = 9.95 05 05

9.90 r 2 m 10.10

Var. 1 B11436

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1 B11408

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1 B12744 Sm edge

9.80 l 3 r 10.10 10.00 = 10.05 05 05

10.00 r 1 m 10.10

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1 B12794

Tor ma edge Sh

Var. 1 B12820 Sh.

Poor mg. frac.

Var. 1 B12835

Tor ma edge Sh

Var. 1 B12858

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1 B12893 Sh.

Poor mg. frac.

Var. 1 B27227

10.10 m 2 r 10.30 10.35 = 10.32 02 03

10.35 r 2 m 10.55

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1903phae.proj..715B

April 8, 1903.

Same cont.

Var. 2 9.80 l 3 r 10.10 10.00=10.05 05 05

10.00 r 1 m 10.10

Var. 1 B 1626 8

9.80 l 2 r 10.00 9.90=9.95 05 05

9.90 r 2 m 10.10

Var. 2 10.10 m 2 r 10.30 10.25=10.28 02 03

10.25 r 3 m 10.55

Var. 1 B 8509 Sp. Diff.

Var. 1 A 1799

10.10 m 2 r 10.30 10.45=10.38 05 07

10.45 r 1 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35=10.38 02 03

10.35 r 2 m 10.55

Var. 1 A 3132

10.10 m 3 r 10.40 10.35=10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35=10.38 02 03

10.35 r 2 m 10.55

Var. 1 A 1826

10.10 m 3 r 10.40 10.35=10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35=10.38 02 03

10.35 r 2 m 10.55

Var. 1 A 3593 Sp.

9.80 l 1 r 9.90 9.90=9.90 00 00

9.90 r 2 m 10.10

Var. 2 10.10 m 2 r 10.30 10.45=10.38 05 07

10.45 r 1 m 10.55

Var. 1 A 3584 Sp.

9.80 l 2 r 10.00 9.90=9.95 05 05

9.90 r 2 m 10.10

Var. 2 10.10 m 2 r 10.30 10.25=10.28 02 03

10.25 r 3 m 10.55

A 2437

Too badly broken to measure.

Var. 1 A 2537

10.10 m 2 r 10.30 10.35=10.32 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35=10.38 02 03

10.35 r 2 m 10.55

A 2408

Not on neg.

Var. 1 AM 806

10.10 m 2 r 10.30 10.35=10.32 02 03

10.35 r 2 m 10.55

Var 2 10.10 m 3 r 10.40 10.35=10.38 02 03

10.35 r 2 m 10.55

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1903phae.proj..715B

Same cont.

Val. 1 AM 782

10.10 m 3 r 10.40 10.35-10.38 02 03

10.35- r 2 m 10.55-

Val. 2 10.10 m 3 r 10.40 10.35-10.38 02 03

10.35- r 2 m 10.55-

Val. 1 AM 738

10.10 m 3 r 10.40 10.35-10.38 02 03

10.35- r 2 m 10.55-

Val. 2 10.10 m 3 r 10.40 10.35-10.38 02 03

10.35- r 2 m 10.55-

Val. 1 AM 1258

10.10 m 2 r 10.30 10.25-10.28 02 03

10.25- r 3 m 10.55-

Val. 2 10.10 m 3 r 10.40 10.35-10.38 02 03

10.35- r 2 m 10.55-

Val. 1 AM 1411

10.10 m 3 r 10.40 10.35-10.38 02 03

10.35- r 2 m 10.55-

Val. 2 10.10 m 3 r 10.40 10.35-10.38 02 03

10.35- r 2 m 10.55-

Val. 1 AM 1159

10.10 m 3 r 10.40

m 4

Val. 2 10.10 m 3 r ? 10.40

m 4

Val. 1 AM 431

10.10 m 3 r 10.40 10.35-10.38 02 03

10.35- r 2 m 10.55-

Val. 2 10.10 m 3 r 10.40 10.45-10.42 02 03

10.45- r 1 m 10.55-

Val. 1 AM 400

Poor pl-

Val. 1 AM 1218

10.10 m 3 r 10.40 10.35-10.38 02 03

10.35- r 2 m 10.55-

Val. 2 10.10 m 2 r 10.30 10.25-1028 02 03

10.25- r 3 m 10.55-

Val. 1 AM 886

10.10 m 3 r 10.40 10.45-10.42 02 03

10.45- r 1 m 10.55-

Val. 2 10.10 m 3 r 10.40 10.35-10.38 02 03

10.35- r 2 m 10.55-

AM 498

Poor pl mixed w/ga

Val. 1 AM 496

10.10 m 3 r 10.40 10.45- 10.42 02 03

10.45- r 1 m ? 10.55-

Val. 2 10.10 m 4 r 10.50 10.45- 10.48 02 03

10.45- r 1 m 10.55-

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1903phae.proj..715B

April 9, 1903.

Same coast.

Dochromatic Var. 1 AM 532

9.80 l r 9.90 9.80 = 9.85 05 05

9.80 r 3 m 10.10

Var. 2 10.10 m 3 r 10.40 10.45 = 10.42 02 03

10.45 r 1 m 10.55

Var. 1 AM 831

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.45 = 10.42 02 03

10.45 r 1 m 10.55

Var. 1 AM 1349

10.10 m 3 r 10.40 10.25 = 10.32 08 07

10.25 r 3 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1 AM 368

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.25 = 10.32 08 07

10.25 r 3 m 10.55

Near edge Var. 1 AM 425

10.10 m 3 r 10.40

n ∧

Var. 2 10.10 m 3 ∧ 10.4

Var. 1 AM 758

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 9.80 l 3 r 10.10 10.00 = 10.05 05 05

10.00 r 1 m 10.10

Var. 1 AM 1187

10.10 m 4 r 10.50 10.35 = 10.42 08 07

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 1 AM 902

9.80 l 3 r 10.10

m ∧ ?

Var. 2 9.80 l 2 ∧ 10.0

Var. 1 AM 1342

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.45 = 10.42 02 03

10.45 r 1 m 10.55

Var. 1 AM 525 Sharp edge

10.10 m 1 ∧ 10.2

Var. 2 10.10 m 1 ∧ 10.2

Var. 1 AM 454 Sharp edge

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.55

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1903phae.proj..715B

Same cont

Var. 1 AM 379
Too near edge of pl.

Var. 1 AM 1388
Too near edge of pl.

Var. 1 AM 1362
Too near edge of pl.

Var. 1 AM 1324
Too near edge of pl.

Var. 1 AM 1188
Too near edge of pl.

AM 106
Too near edge of pl.

AM 60
Too near edge of pl.

AM 398
Too near edge of pl.

Near edge Var. 1 AM 27
10.10 m 3 r 10.40 10.35 = 10.38 02 03
10.35 r 2 m 10.55
Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03
10.35 r 2 m 10.55

Var. 1 AM 459
10.10 m 3 r 10.40 10.25 = 10.32 05 07
10.25 r 3 m 10.55
Var. 2 10.10 m 2 r 10.30 10.25 = 10.28 02 03
10.25 r 3 m 10.55

Var. 1 AM 389
9.18 h 3 ± 9.4
Var. 2 9.18 h 3 ± 9.4

Var. 1 AM 979
Too near edge of pl.

AM 955
Too near edge of pl.

AM 764
Too near edge of pl.

AM 1512
Too near edge of pl.

AM 1373
Too near edge of pl.

AM 1332
Too near edge of pl.

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1903phae.proj..715B

April 9, 1903.

Same cont.

AM 1212
Too near edge of pl.

AM 1205
Too near edge of pl.

AM 1174
Too near edge of pl.

AM 768
Pl. trailed

AM 526
Var. 1 10.10 m 2 ∧ 10.3
Var. 2 10.10 m 2 ∧ 10.3

Var. 1 AM 501
10.10 m 3 ○ 10.40 10.35 = 10.38 02 03
10.35 ○ 2 m 10.55
Var. 2 10.10 m 3 ○ 10.40 10.45 = 10.42 02 03
10.45 ○ 1 m 10.55

Var. 1 AM 1363
10.10 m 2 ○ 10.30 10.35 = 10.32 02 03
10.35 ○ 2 m 10.55
Var. 2 10.10 m 2 ○ 10.30 10.35 = 10.32 02 03
10.35 ○ 2 m 10.55

Var. 1 AM 1224
10.10 m 3 ○ 10.40 10.35 = 10.38 02 03
10.35 ○ 2 m 10.55
Var. 2 10.10 m 3 ○ 10.40 10.35 = 10.38 02 03
10.35 ○ 2 m 10.55

Var. 1 AM 1249
10.10 m 3 ○ 10.40 10.35 = 10.38 02 03
10.35 ○ 2 m 10.55
Var. 2 10.10 m 2 ○ 10.30 10.45 = 10.38 02 07
10.45 ○ 1 m 10.55

~~Var. 1~~ AM 928
Pl. trailed

Var. 1 AM 1284
10.10 m 3 ○ 10.40 10.35 = 10.38 02 03
10.35 ○ 2 m 10.55
Var. 2 10.10 m 3 ○ 10.40 10.45 = 10.42 02 03
10.45 ○ 1 m 10.55

Var. 1 AM 1413
10.10 m 3 ○ 10.40 10.35 = 10.38 02 03
Var. 2 10.10 m 3 ○ 10.40 10.45 = 10.42 02 03
10.45 ○ 1 m 10.55

Var. 1 AM 846
10.10 m 3 ○ 10.40 10.35 = 10.38 02 03
10.35 ○ 2 m 10.55
Var. 2 10.10 m 3 ○ 10.40 10.35 = 10.38 02 03
10.35 ○ 2 m 10.55

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1903phae.proj..715B

Same cont.

Var. 1 AM 517

10.10 m 1 A 10.2

Var. 2 10.10 m 1 A 10.2

Var. 1 AM 1467

10.10 m 3 r 10.40 10.25 = 10.32 08 07

10.25 r 3 m 10.5 5

Var 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.5 5

Var. 1 AM 1434

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.5 5

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.5 5

AM 929

Terminal edge of fb

Var. 1 AM 1050

Terminal edge of fb

Var. 1 AM 1235

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.5 5

Var. 2 10.10 m 3 r 10.40 10.25 = 10.32 08 07

10.25 r 3 m 10.5 5

Var. 1 AM 848

10.10 m 3 A 10.4

Var. 2 10.10 m 3 r 10.4

m A

Var. 1 AM 815

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.5 5

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.5 5

Var. 1 AM 745 Terminal edge

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.5 5

Var. 2 9.80 l 3 r 10.10 9.90 = 9.90 05 05

9.90 r 2 m 10.10

Var. 1 AM 1445

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.5 5

Var. 2 10.10 m 3 r 10.40 10.45 = 10.42 02 05

10.45 r 1 m 10.5 5

Var. 1 AM 1453

10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.5 5

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03

10.35 r 2 m 10.5 5

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1903phae.proj..715B

April 9, 1903

Same cont.

AM 954
Pl. trailed

Var. 1 AM 417
10.10 m 3 r 10.40 10.35 = 10.38 02 03
10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.35 = 10.38 02 03
10.35 r 2 m 10.55

Var. 1 AM 1389
10.10 m 2 r 10.30 10.35 = 10.32 02 03
10.35 r 2 m 10.55

Var. 2 10.10 m 3 r 10.40 10.45 = 10.42 02 03
10.45 r 1 m 10.55

Var. 1 AM 839
10.10 m 3 r 10.40 10.35 = 10.38 02 03
10.35 r 2 m 10.55

Var. 2 1090 ~~m~~ 02 St 11.1

Var. 1 AM 1229
10.10 m 3 r 10.40 10.35 = 10.38 02 03
10.35 r 2 m 10.55

Var. 2 10.10 m 2 r 10.30 10.25 = 10.28 02 03
10.25 r 3 m 10.55

Var. 1 AM 1334
10.10 m 3 r 10.40 10.35 = 10.38 02 03
10.35 r 2 m 10.55

Var. 2 10.55 m 2 St 10.7

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1903phae.proj..715B

April 9, 1903.

Same cont'd

Val. 1 AM 760

10.10 m 3 r 10.40 10.35⁻ = 10.38 02 03

10.35⁻ r 2 m 10.5⁻5⁻

Val. 2 10.10 m 3 r 10.40 10.35⁻ = 10.38 02 03

10.35⁻ r 2 m 10.5⁻5⁻

Val. 1 AM 1352

10.10 m 3 r 10.40 10.35⁻ = 10.38 02 03

10.35⁻ r 2 m 10.5⁻5⁻

Val. 2 10.10 m 2 r 10.30 10.35⁻ = 10.32 02 03

10.35⁻ r 2 m 10.5⁻5⁻

Val. 1 AM 937

10.10 m 3 r 10.40 10.35⁻ = 10.38 02 03

10.35⁻ r 2 m 10.5⁻5⁻

Val. 2 10.10 m 2 r 10.30 10.45⁻ = 10.38 08 07

10.45⁻ r 1 m 10.5⁻5⁻

Val. 1 AM 775

10.10 m 3 r 10.40

r St

Val. 2 10.10 m 3 r 10.40

r St

Val. 1 AM 1469

10.10 m 2 r 10.30 10.35⁻ = 10.32 02 03

10.35⁻ r 2 m 10.5⁻5⁻

Val. 2 9.80 l 3 r 10.10 9.90 = 10.00 10 10

9.90 r 2 m 10.10

Val. 1 AM 1190

10.10 m 1 St 10.2

= 10.2

Val. 2 10.10 m 1 St 10.2

= 10.2

AM 1168

Diessing

B 29102

Astrowerke

Val. 1 B 29168

02 03

10.10 m 2 r 10.30 10.35⁻ = 10.32

10.35⁻ r 3 m 10.5⁻5⁻

Val. 2 10.10 m 2 r 10.40 10.35⁻ = 10.38

10.35⁻ r 2 m 10.5⁻5⁻

Val. 1 B 29691

05 05

9.80 l 2 r 10.00 9.90 = 9.95

9.90 r 2 m 10.10

Val. 2 10.10 m 3 r 10.40 10.35⁻ = 10.38

10.35⁻ r 2 m 10.5⁻5⁻

Val. 1 B 29714

02 03

10.10 m 2 r 10.30 10.35⁻ = 10.32

10.35⁻ r 2 m 10.5⁻5⁻

Val. 2 10.10 m 2 r 10.40 10.35⁻ = 10.38

10.35⁻ r 2 m 10.5⁻5⁻

Val. 1 B 29752

Astrowerke

B 29837

Astrowerke

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1903phae.proj..715B

B29838
Arcona

Var. 2 10.10 m 3 r 10.40 10.35=10.38 02 03
10.35 r 2 w 10.55

Var. 1 B30271
10.10 m 2 r 10.30 10.45=10.38 08 07
10.45 r 1 w 10.55

Var. 2 10.10 m 3 r 10.40 10.35=10.38 02 03
10.35 r 2 w 10.55

Var. 1 B30470
10.10 m 3 r 10.40 10.35=10.38 02 03
10.35 r 2 w 10.55

Var. 2 9.80 l 2 r 10.00 10.00=10.00 00 00
10.00 r 1 w 10.10

B11338
Arcona

Var. 1 B13794 Eph.
10.10 m 2 r 10.30 10.45=10.38 08 07
10.45 r 1 w 10.55

Var. 2 Diff

B30023
Var. 1 10.10 m 3 r 10.40 10.35=10.38 02 03
10.35 r 2 w 10.55

Var. 2 10.10 m 3 r 10.40 10.45=10.42 02 03
10.45 r 1 w 10.55

B30102
Arcona

B30414
9.80 l 2 r 10.00 10.00=10.00 00 00
10.00 r 1 w 10.10

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1903phae.proj..715B

April 17, 1903.

α Centauri

h m ° ′
12 28 − 54 6

Comp. stars on B 90-16.

✓ B 29 074

10.59 ~~9.11~~ m ~~2 r~~ 10.79 10.74 = 10.76
10.74 ~~8.99 r 2~~ m ~~9.31 8.99 = 9.15~~ ~~16~~ ~~16~~ 03 02
~~9.19~~ 10.94

✓ B 29 102

10.94 ~~9.19~~ m ~~3 r~~ 11.24 11.16 = 11.20 04 04
11.16 ~~9.31 r 2~~ ~~9.49 9.31 = 9.40~~ ~~09~~ ~~09~~
~~9.51~~ 11.36

✓ B 29 270

10.94 9.19 m 2 = ~~8.39~~ 11.14

✓ B 26 974

10.27 ~~8.86~~ 1 r 10.37 10.39 = 10.38
10.39 ~~8.91~~ r 2 ~~8.96 8.91 = 8.94~~ 02 03 01 01
~~9.11~~ 10.59

✓ B 27 005

9.45 ~~8.76~~ 1 r ~~9.55~~ ~~8.86 8.66 = 8.76~~ ~~10~~ ~~10~~
~~8.66 r 2~~ ~~8.86~~

✓ B 27 144

~~8.48~~ 2 r 8.68 8.66 = 8.67 01 01
8.66 r 1 8.76

✓ B 27 222

Too near edge of pl.

✓ B 27 297

~~8.76~~ 3 r ~~9.06~~ 8.66 = 8.86 20 20
8.66 r 2 ~~8.86~~

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U Cnt cont.

✓ B27309
8.76 g X 3r g 9.06 8.66: 886 20 20
8.66 r 2 X 886

✓ B27334
8.76 g X 3r g 9.06 8.66 - 886 20 20
8.66 r 2 X 8.86

✓ B27715
9.19 m X 3r 9.49 9.31: 9.40 09 09
9.31 r 2 X l° 9.51

✓ B27707
9.19 m X 3r 9.49 9.31: 9.40 09 09
9.31 r 2 X l° 9.51

✓ B27688
Surface

✓ B27680
Surface

✓ B27672
Surface

✓ B9566
9.51 ° X 1r 9.61 9.31: 9.46 15 15
9.31 r 3 X 9.61

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April 17, 1903.

U Cent. cont.

✓ B 25 631
9.61 h 1 r 9.71 9.83 = 9.77 06 06
9.83 r 2 g 10.03

✓ B 25 186
9.51 o 1 2 r 9.71 9.41 = 9.56 15 15
9.41 r 2 1 h 9.61

✓ B 25 064
9.51 o 1 3 r 9.81 9.41 = 9.61 20 20
9.41 r 2 1 h 9.61

✓ B 25 961
9.61 h 1 2 r 9.81 9.83 = 9.82 01 01
9.83 r 2 1 g 10.03

✓ B 24 940
9.51 o 1 3 r 9.81 9.41 = 9.61 20 20
9.41 r 2 1 h 9.61

✓ B 24 887
9.19 n 1 r 9.29 9.31 = 9.30 01 01
9.31 r 2 1 o 9.51

✓ B 23 527
8.86 l 1 r 8.96 8.81 = 8.88 08 07
8.81 r 3 1 m 9.11

✓ B 25 186
9.61 h 1 2 r 9.81 9.83 = 9.82 01 01
9.83 r 2 1 g 10.03

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April 17, 1903.

U Cent. cont.

✓ B 23456
8.48 e 2r 8.68 8.56-8.62 06 06
8.56 r 2 g 8.76

✓ B 23455
8.48 e 3r 8.78 8.56. 8.62 7 16 11
8.56 r 2 g 8.76

✓ B 23431
8.76 g 3r 9.06 8.66: 8.86 20 20
8.66 r 2 l 8.86

✓ B 22683
9.19 n 3r 9.49 9.31=9.40 09 09
9.31 r 2 l° 9.51

✓ B 22685
9.19 n 3r 9.49 9.31=9.40 09 09
9.31 r 2 l° 9.51

✓ B 22758
9.19 n 3r 9.49 9.31=9.40 09 09
9.31 r 2 l° 9.51

✓ B 22812
9.19 n 3r 9.49 9.31=9.40 09 09
9.31 r 2 l° 9.51

✓ B 22991
8.76 g 3r 9.06 8.66=8.86 20 20
8.66 r 2 l 8.86

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1903phae.proj..715B

April 17, 1903.

U Cent cont

B22446
9.61 p 2r 9.81 9.73 = 9.77 04 04
9.73 r 3 g 10.03

B22331
8.86 l 2r 9.06 8.91 = 8.98 08 07
8.91 r 2 m 9.11

B21801
9.61 p 1r 9.71 9.83 = 9.77 06 06
9.83 r 2 g 10.03

B21779
9.51 o 2r 9.81 9.41 = 9.61 20 20
9.41 r 2 p 9.61

B21611
9.19 m 2r 9.39 9.21 = 9.300 09
9.21 r 3 o 9.51

B20818
8.48 l 1r 8.58 8.56 = 8.57 01 01
8.56 r 2 g 8.76

B21123
8.48 l 2r 8.68 8.56 = 8.62 06 06
8.56 r 2 g 8.76

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1903phae.proj.745B

April 17, 1903.

U Cent. cont

✓ B21234

8.48 e & 1 r 8.58 8.56 = 8.57 01 01
8.56 r 2 ∧ g 8.76

✓ B21304

8.48 e & 3 r 8.78 8.56 : 8.67 11 11
8.56 r 2 ∧ g 8.76

✓ B21330

8.48 e & 3 r 8.78 8.56 = 8.67 11 11
8.56 r 2 ∧ g 8.76

✓ B21362

8.48 e & 2 r 8.68 8.46 = 8.57 11 11
8.46 r 3 ∧ g 8.76

✓ B21371

8.76 g & 3 r 9.06 8.66 = 8.86 20 20
8.66 r 2 ∧ e 8.86

✓ B21434 Sh.

~~8.86~~ l & 2 ∧ 9.06

✓ B21562

9.19 m & 2 r 9.39 9.21 = 9.30 09 09
9.21 r 3 ∧ o 9.51

✓ B21567

9.19 m & 1 r 9.29 9.31 = 9.30 01 01
9.31 r 2 ∧ o 9.51

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1903phae.proj..715B

U Cent. cont.

B19268
~~9.61 k 3 r 9.91 9.83 = 9.87 04 04~~
~~9.83 r 2 9.93 10.03~~

B19474
~~9.61 k 2 r 9.81 9.73 = 9.77 04 04~~
~~9.73 r 3 9.93 10.03~~

B19672
~~9.61 k 2 r 9.81 9.83 = 9.82 01 01~~
~~9.83 r 2 9.93 10.03~~

B19824
9.19 2 r 9.39 9.21 = 9.30 09 09
9.21 r 3 9.51

B19869 Pk.
8.76 2 2 8.96

B19973
8.48 3 r 8.78 8.56 = 8.67 11 11
8.56 r 2 8.76

B19987
8.76 2 r 8.96 8.56 = 8.76 20 20
8.56 r 3 8.86

B19993
~~8.48 3 r 8.78 8.56 = 8.67 11 11~~
8.56 r 2 8.76

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April 17, 1903.

U Cent cont.

✓ B A 18576
8.76 g A 2 r 8.96 8.56 = 8.76 20 20
8.56 r 3 A l 8.86

✓ B 18637
8.86 l A 2 r 9.06 8.91 = 8.98 08 07
8.91 r 2 f ml 9.11

✓ B 18675
9.11 f A 2 r 9.31 9.09 = 9.20 11 11
9.09 r 1 g m 9.19

✓ B 18778
9.19 g m 3 r 9.49 9.41 = 9.45 04 04
9.41 r 1 A o 9.51

✓ B 18810
9.51 o A 2 r 9.81 9.41 = 9.61 20 20
9.41 r 2 A k 9.61

✓ B 18935
9.51 o A 2 ½ 9.71

✓ B 19005 ½
9.61 k A 2 ½ 9.81

✓ B 19024 ½
8.76 g A 2 ½ 8.96

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1903phae.proj..715B

April 17, 1903.

U Cent. cont

✓ B19069
9.61 [m] X 3r 9.91 9.83 = 8.87 04 04
9.83 r 2 X [g] 10.03

✓ B16082
8.48 [e] X 3r 8.78 8.66 = 8.72 06 06
8.66 r 1 X [g] 8.76

✓ B16382
8.22 [c] X 2r 8.42 8.30 = 8.36 06 06
8.30 r 1 X [d] 8.40

✓ B16599
8.40 [d] X 1r 8.50 8.28 = ~~8.89~~ 11 11
8.28 r 2 X [e] 8.48

✓ B16724 Sh.
8.40 [d] X 1 [h] 8.5

✓ B16869
8.48 [e] X 2r 8.68 8.56 = 8.62 06 06
8.56 r 2 X [g] 8.76

✓ B17109
9.11 [m] X 2r 9.31 9.09 = 9.20 11 11
9.09 r 1 X [n] 9.19

✓ B17375
9.51 [l] X 1r 9.61 9.41 = 9.51 10 10
9.41 r 2 X [p] 9.61

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1903phae.proj..715B

April 17, 1903.

U Sent cont

✓ B 18284
8.86 l 2r 9.06 9.01 = 9.04 02 03
9.01 r 1 f 9.11

✓ B 18319
8.76 d 2r 8.96 8.76 = 8.86 10 10
8.76 r 1 d 8.86

✓ B 18468
8.48 e 3r 8.78 8.56 = 8.67 11 11
8.56 r 2 g 8.76

✓ B 18565
8.48 e 3r 8.78 8.56 = 8.67 11 11
8.56 r 2 g 8.76

✓ B 12892 Sh.
Purple

✓ B 12886 Sh.
Passing from

✓ B 11918
9.5 i 2r 9.71 9.41 = 9.56 15 15
9.41 r 2 h 9.61

✓ B 8400 Sh.
Torn near edge of pl.

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April 17, 1903.

H Cent cont.

✓ B7479 Sp.
Toomeridge.

✓ B7227
Bonpl.

✓ B12543.
Pos pb in ug. of rad.

✓ B22442
9.61 p 2r 9.81 9.93 = 9.87 06 06
9.93 r 1 g 10.03

✓ B23526
8.76 g 3r 9.06 8.66 = 8.86 20 20
8.66 r 2 g 8.86

✓ A5111
8.48 g 1r 8.58 8.66 = ~~8.62~~ ~~04~~ ~~04~~
8.66 r 1 g 8.76

✓ A2634
8.48 g 2r 8.68 8.66 = 8.67 01 01
8.66 r 1 g 8.76

✓ A2561
8.86 g 1r 8.96 8.91 = 8.94 02 03
8.91 r 2 m 9.11

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1903phae.proj..715B

April 18, 1903.

U Cent. cont.

✓ B 2566
8.86 l x 1 r 8.96 8.91 = 8.94 02 03
8.91 r 2 x m 9.11

✓ a 2205 Z Sp.
9.11 m x 2 S 9.31

✓ a 2360
10.03 q x l 2 S 10.23

✓ a 3560 Sp.
8.76 q x 3 r 9.06 8.66 = 8.86 20 20
8.66 r 2 x l 8.86

✓ a 4346 Sp.
S Atomic

✓ a 3567
Following edge.
Sp.

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Feb. 17, 1904.

Re-measures of Marinus.

B4838

10.02 f 2σ 10.22 10.20 = 10.21 01 01
10.20 σ-1 g 10.80

B4967

10.02 f 2σ 10.22 10.10 - 10.16 06 06
10.10 σ-2 g 10.30

B5177

10.30 g 2σ 10.50 10.70 = 10.62 12 13
10.75 σ 1 h 10.85

A M928

10.30 g 1 f 10.40

A M1186

8.34 c 3σ 8.64 8.82 = 8.73 09 09
8.82 σ-2 d 9.02

B28800

9.02 d 2 f 9.22

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1903phae.proj..7A5B

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