KG
11366
173

1918phae.proj.1175v

Book IV

Observations of Nova

Mary Harrsetine Vann

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Observations of Novae.

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Friday April 12, 1918

Nova Geminorum No 2.

9:00 ✓ ac 14801
10.8

✓ ac 14832
11.5 f.g.

✓ ac 14858
L'

✓ ac 14903
T.p.

✓ ac 1505-1
L'

✓ ac 15117
11.3 f.g.?

✓ ac 15487
ns < 11.2

✓ ac 15524
L'

✓ ac 15576
ns < 11.2

✓ ac 15589
L'

✓ ac 15694
L'

✓ ac 15752
ns < 11.7

✓ ac 15899
12.0

✓ ac 16019
11.8

✓ ac 16077
L'

✓ ac 16088
L'

✓ ac 16134
11.7

✓ ac 16222
ns < 11.7

✓ ac 16271
L'

✓ ac 16362
ns < 10.6

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Friday, April 12, 1918

Nova Geminorum No 2

9:30

√ac16472
Does not cover region

√ac16745
Does not cover region

√ac16752
t.p.

√ac16775
L'

√ac16843
t.p.

√ac16875
11.7 f.g.?

√ac16954
Ms <11.7

√ac16974
t.p.

√ac17164
t.p.

√ac17198
11.9

√ac17276
11.6

√ac17288
12.0

√ac17381
11.8

√ac17451
t.p.

√ac17461
Does not cover region

√ac17479
t.p.

√ac17556
t.p.

√ac17908
t.p.

√ac17937
t.p.

√ac17978
Ms <10.6

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Friday, April 12, 1918

Nova Geminorum no 2

✓ac 18092	✓ac 14400
11.8 e	10.6
✓ac 18144	✓ac 13860
t.p.	9.0
✓ac 18193	✓ac 13723
L'	7.8
✓ac 18267	✓ac 13682
ms < 10.6	8.4
✓ac 18315	✓ac 13623
ms < 11.2	8.6
✓ac 18367	✓ac 13611
11.9	8.4
ac 18429	✓ac 13583
✓ < 11.7	8.3
ac 14717	✓ac 13396
10.8	8.0
✓ac 14647	✓ac 13263
t.p.	8.3
✓ac 14406	✓ac 18552
10.5	12.3 e. g.

10:05

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Monday, April 15, 1918

Nova Geminorum No 2

9:30

ac 15797
12.0 e

ac 15887
12.5 f.p.e

ac 15907
11.9 e

ac 15926
11.9 e

ac 15945
ns < 11.7 e

ac 15988
11.6 e

ac 16000
11.7 e

ac 16012
11.7 pe

ac 16020
11.5 e

ac 16052
T.V.

ac 16857
11.7? scratched e

ac 16963
T.V.

ac 17054
11.8 e

ac 17166
f.p.

ac 17293
f.? < 11.7

ac 15789
f.? < 11.4

ac 15767
11.4 e dup x3

ac 15761
ns < 11.7

ac 15744
f.p.

ac 18367
12.2

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Monday, April 15, 1918

Nova Geminorum No 2

✓ AC 13536 8,0	✓ AC 13852 8.7
✓ AC 13574 8,1	✓ AC 14537 11.2
✓ AC 13610 8.4	✓ AC 14560 7? < 10.5
✓ AC 13620 8,6	✓ AC 14574 10.7
✓ AC 13622 8,6	✓ AC 14589 10.8
✓ AC 13657 8,6	✓ AC 14617 7.P
✓ AC 13686 8.3	✓ AC 14636 11.2 e
✓ AC 13708 8.7	✓ AC 14692 10.6
✓ AC 13763 8.6	✓ AC 14706 10.6
✓ AC 13778 8.7	✓ AC 14811 11.1

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monday, April 15, 1918

Nova Geminorum No 2

√ ac 14827
11.3

√ ac 14840
t.p.

√ ac 14877
11.4

ac 14896
11.3

√ ac 14938
t.p.

√ ac 18092 14977
12.0 fe

√ ac 17381
11.7 fe

√ ac 17288
12.0

√ ac 17276
11.8

√ ac 17198
12.1 e?

√ ac 16875
11.8 f

√ ac 16134
11.7

√ ac 16019
11.68

√ ac 15899
11.8

√ ac 15117
t.p.

√ ac 14903
10.6 i ?

√ ac 19476
ns < 11.7

√ ac 19379
t.p.

ac 19228
ns < 11.4

√ ac 19211
t.p.

10; 20

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Monday April 15, 1918

Nova Geminorum No 2

10:40 ✓ ac 19616
12.1

✓ ac 19550
12.5½

✓ ac 19462
11.5 g

✓ ac 19425
11.6

✓ ac 19275
A.p.

✓ ac 19219
F? < 11.2

✓ ac 19207
t.p.

✓ ac 19128
ns < 10.6

✓ ac 19040
t.p.

✓ ac 18840
t.p.

✓ ac 18770
11.8

✓ ac 18685
ns < 11.4

✓ ac 18664
12.4 i

✓ ac 18600
12.0 f

ac 18574
✓ F, < 11.2

✓ ac 18454
12.5

✓ ac 18423
11.9

✓ ac 18378
11.8 g

✓ ac 18313
12.0 g

✓ ac 18266
11.5

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Monday, April 15, 1918

Nova Geminorum No 2

√ac 18236
Comet not ident.

√ac 19833
12.0

√ac 19796
no < 10.6

√ac 19776
11.9

√ac 19588
no < 11.4

√am 9606
t.p.

√am 8938
t.p.

√am 8815
t.p. 9.0 p

√am 8168
7.0

√ac 13530
8.0

√ac 13506
7.9

√ac 13484
7.2

√ac 13459
8.3

√ac 13435
7.2

√ac 13265
7.5 9 p

√ac 13051
t.p.

√ac 12976
no < 11.4

√ac 19360 1893
7? < 12.3

√ac 19672
16.6

√ac 19151
t.p.

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Monday, April 15, 1918

Nova Geminorum No 2

✓ AC 14119
t.p.

✓ AC 14801
10.8 gf

✓ AC 19069
t.p.

✓ AC ~~18789~~
~~11.8 gf~~

✓ AC 18679
11.8 gf

✓ AC 18654
11.2

✓ AC 18589
12.0

✓ AC 18553
12.2

✓ AC 18582
12.2 f.gf.

✓ AC 18435
~~f.gf.~~ tpe

✓ AC 14832
11:45 11.2

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Tuesday, April 16, 1918

Nova Geminorum No 2

12:30 ac12929
ms. <12.8

ac13154
7.1 P. q.

ac13155
7.0 p

ac13244
7.8

ac13264
8.2

ac13331
7.1

ac13356
7.5

ac13425
8.0

ac13462
~~7.9~~ 8p

ac13619
8.5

1:10

ac13650
8.7

ac13671
8.6

ac13742
7.2

ac13762
8.5

ac13830
8.7

ac14545
8.p

ac14588
11.1

ac14616
11.0

ac14716
11.2

ac14747
11.2 qp

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Tuesday, April 16, 1918

Nova Geminorum no 2.

3.00 ✓AC 14810 11.3

✓AC 14826 11.3 i

✓AC 14883 11.4

✓AC 14976 t.p.

✓AC 15760 11.6

✓AC 15778 11.7

✓AC 15808 11.8

✓AC 15944 11.6 f

✓AC 15961 11.8 f

✓AC 15999 11.7

✓AC 16166 f? < 11.4

✓AC 16246 12.4

✓AC 16370 11.6 g

✓AC 16428 ns < 11.4

✓AC 16451 ns? < 11.4

✓AC 16818 t.p.

✓AC 16973 12.1 : f

✓AC 17131 11.9

✓AC 17162 ns < 11.2

✓AC 17282 12.5

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Tuesday, april 16, 1918

Nova Geminorum No 2

ac 17403
t.p.

ac 17463
t.p

ac 17483
11.4

ac 17555
11.3 fqp.

ac 17899
11.3 f

ac 17948
ns < 11.7

ac 17971
ns < 11.4

ac 18062
ns < 11.4

ac 18179
11.9 fq?

ac 18132
ns < 11.4

ac 19831
12.4

ac 19884
12.3

ac 19974
ns < 11.7

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Thursday, April 18, 1918

3 Coronae

10:00 √AC 13928
11.2 q

√AC 13945
11.2

√AC 13077
11.3

√AC 13118
11.5 f q

√AC 13038
11.4 q

√AC 13035
11.1

√AC 12954
11.3

√AC 11637
11.1 f

√AC 11593
11.1 e

AC ~~1606~~ 1607
wrong region

√AC 11623
wrong region

√D 23035
11.3 p.e.

√D 36689
11.4

√D 36688
11.4

√AM 6926
~~D 34860~~
11.5

√AC 10524
4 p

√AC 2424
11.3 q

√AC 10564
4 p.

√AC 10583
ns < 10.6

√AC 353
cannot identify

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Thursday, April 18, 1918

I Coronae

✓ ac 10395 ns < 11.4	✓ ac 15144 11.2 e
✓ ac 10556 t.p.	✓ ac 15211 10.8
ac 1296H ✓ 11.7 gf	ac 7661 / t.p.
ac 15H88 ✓ 11.2 e	✓ ac 7656 t.p.
✓ gc 14226 10.9 e gf	✓ gc 7702 t.p.
✓ ac 1313 11.7 e	✓ gm 4263 Ident.
✓ gc 14179 11.6	✓ gm 4330 t.p.
✓ ac 12452 ns < 10.6	✓ gm 6057 t.p.
✓ ac 2478 11.2	✓ gm 8906 t.p.
✓ ac 2543 t.p.	✓ gm 8951 t.p.

11:15

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Thursday, april 18, 1918
J Coronae

11:15 ✓ am 8967
e.

✓ am 9019
+ time e

am 9484
edge

am 9485
t.p.

✓ am 9297
edge

✓ am 9368
edge

✓ am 7782
edge

✓ am 6106
11.2? e

✓ am 1209
10.8 e p.g.?

✓ am 4366
11.2 ye

✓ am 4353
11.8

✓ am 1219
11.3 g

✓ am 8368
ns < 10.6

✓ am 4485
ns < 11.4

✓ am 4268
ns < 10.6

✓ am 1179
t.p.

✓ am 4293
edge

✓ am 9130
edge

✓ am 8247
edge

✓ am 9060
edge

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Thursday, April 18, 1918

T Coronae

√ am 9283 edge

√ am 9249 e

√ am 9192 e

√ am 6063 e

√ am 7698 e

√ am 7696 t.p.

√ am 1192 t.p.

√ am 9951 t.p.

√ am 6183 11.2 q e

√ am 6217 edge

√ am 6229 edge

√ am 6244 edge

√ am 7669 edge

√ am 10014 no < 11.0

√ am 6282 11.4 e

√ am 9449 edge

√ am 9529 edge

√ am 8205 no < 11.4

11 40

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Friday April 19, 1918

Nova Geminorum No 2

11:45 ✓ ac 18635
~~to 5 - t.p. pg.~~

ac 18121
ns < 11.2

✓ ac 12985
Does not cover region

✓ ac 18131
ns < 10.5

✓ ac 19884
12.4

ac 18238
✓ t.p. plate fogged

✓ ac 19127
ns < 10.5

✓ ac 18441
11.9 g

✓ ac 19377
ns < 10.6

ac 18111
✓ ns < 10.6

ac 19460
✓ ? < ~~11.3~~ 11.7

✓ ac 19671
ns < 11.4

✓ ac 17040
ns < 11.7

✓ ac 19682
ns < 11.4

✓ ac 17196
11.7

✓ ac 19713
ns < 11.4

ac 17314
✓ L'

ac 19893
✓ 12.4 g

ac 17402
✓ t.p.

✓ ac 19702
11.6

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Friday, April 19, 1918

Nova Geminorum No 2

√ac 19635
ns<11.7

√ac 19455
f?<11.7

√ac 19499
12.2 fqf?

√ac 19396
12.5f

√ac 19135
f.p

√ac 17039
11.8

√ac 17082
f.p

√ac 17212
f?<11.7

√ac 17269
v.p.e

√ac 17461
f.p.

√ac 17447
f.p.

√ac 17880
f.p

√ac 18180
ns<11.7

√ac 18694
ns<10.5

√ac 19267
crowd region

ap 19831
√ 12.4

√ac 19672
11.8

√ac 18317
√ 11.8

√ac 19069
f.p.

√ac 14706
10.6 e

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Friday, April 19, 1918

Nova Geminorum No 2.

AC 14827
tp.? 11.7? i gp

AC 14537
11.0 e

AC 15767 11.4 e B.
11.8 e p. 8

AC 15797
11.5

AC 19816
11.7 e

AC 19879
L'

AC 14588 Ry 10.3 2:203
11.0

Am 8815
t. p-

Am 8168
6.8?

2:205

AC 16340
11.5

12:45

AC 16973
12.5

AC 17463
11.7

AC 17899
11.4 f.

AC 13671
8.5

AD 11191
8.9

AD 11185
8.9

AD 11220
9.0

AD 11229
9.X0

AD 11279
9.1

AD 11311
9.1

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Friday April 19, 1918

Nova Geminorum 2 no 2

1:50

√ AD 11322
9.0

√ AD 11210
8.9 ~~tt~~

√ AD 11681
ns < 9.0

√ AD 11227
9.0

√ AD 11700
ns < 9.6

√ AD 11552
t.p.

√ AD 11715
ns < 9.2

√ AD 11624
t.p.

√ AD 11769
10.3

√ AD 11786
t.p.

√ AD 10735
ns.

√ AD 11840
11.2 g

√ AD 11072
7.1

√ AD 11851
10.6

√ AD 11128
8.6

√ AD 11864
ns < 9.2

√ AD 11174
8.8

√ AD 11875
ns < 9.2

√ AD 11183
8.8

AD 11883
t.p. < 10.1

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Friday April 19, 1918

Nova Geminorum No 2

aD 11895
10.5

aD 11903
ns < 9.2

aD 11927
ns < 10.5

aD 11961
10.6

aD 11968
ns < 10.1

aD 11981
10.9 fg

D 10753
wrong region

aD 11827
ns < 9.2

aD 11866
10.5 i

aD 11885
10.6

aD 11915
ns < 9.0

aD 11929
10.3

aD 11948
10.7

aD 11944
ns < 10.1

aD 11990
11.3

aD 11963
11.3

aD 11971
t.p.

aD 11984
11.3 e

aD 10772
t.p.

aD 10907
6.9

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1918phae.proj.1175y

Friday April 19, 1918

Nova Geminorum 2

√AD 10869
6.7

√AD 11094
t.p. [illegible]

√AD 11109
t.p. [illegible]

√AD 11139
does not identify

√AC 19460
11.9 f

√AC 17196
11.6

√AC 18441
11.9

√AC 19893
12.2 g

√AC 19702
11.5

√AC 19499
3,10 f? < 11.7

√AC 19396
√ no < 12.3 def. [illegible]

AC 17039
√ 11.7 f

√AC 18313
11.9
√ reject 11.5 2.203

√AC 15797
11.7

√AC 19816
11.7 e

√AD 11311
8.9

√AD 11279
9.0

√AD 11229
8.9

√AD 11220
8.8

√AD 11185 8.7

√AD 11191 8.9

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Saturday, April 20, 1918

Nova Geminorum (1912)

10:10

√aC 19396
US 7:12:3

√aD 11851
10.6

√aD 11922
9.0

√aD 11895
~~10.6 11.8~~ 10.6

√aD 11769
10.6

√aD 11961
10.6

√aD 11072
7.2

√aD 11981
10.6

√aD 11178
8.7

√aD 11866
10.6 i

√aD 11174
8.8

√aD 11885
10.6

√aD 11183
8.9

√aD 11929
10.3

√aD 11227
9.0 i

√aD 11948
10.6

√aD 11210
9.1

√aD 11990
11.3 f

aD 11840
√ 10.6 gf

√aD 11984
10.6 gf

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Saturday, April 20, 1918

Nova Geminorum No 2

AD 11963
10.6

AD 10869
6.7

MC 4760
10.6

11:15

AD 10794
6.4

AD 10796
6.4

AD 10786

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1918phae.proj.1175v

Monday April 22, 1918

Nova Geminorum No 2

9:20

~~MD~~ 2974 9.1	MC 1708 B
~~MD~~ 1984 7.0	MC 1707 B
~~MC~~ 1719 B	MD 1762 B
MC 1718 B	~~MD~~ 1716 B
MC 1717 2nd	MD 1717 L'
MC 1710 B	MD 1718 B'
MC 1715 3.7 p.c.	MD 1719 B
~~MC~~ 1716 B	~~MD~~ 1723 B
~~MC~~ 1984 7.5	MD 1725 B
MC 1709 B	~~MD~~ 1726 B

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Monday, April 22, 1918

Nova Geminorum No 2.

mD1727 B	AD 10796 6.2
mD1729 B	AD 10794 6.4
mA1730 2 to	AD 10907 7.0
mP1731 B	AE 19396 12.4 e
mP1732 B	AD 10776 4.6
mC5212 L'	AD 10773 5.2
mC5240 f'	AD 10771 5.2
mC5406 L'	AD 10772 5.2
mC2974 9.3	AD 10770 5.2
AD 10786 4 5	AD 10769 5.2

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1918phae.proj.1175v

Monday April 22, 1918

Nova Geminorum 2.

AD 10762
5.0

AD 10739
4.0

AD 10755
6.1

AD 10777
4.6

AD 10745
5.5

AD 10847
6.7

AD 10751
5.3

AD 10852
6.

AD 10750
t.p.

AD 10822
5.

AD 10748
3.7

AD 10814
5.0

AD 10747
3.7

AD 10803
4.8

AD 10742
3.9

AD 10793
6.2

AD 10741
3.9

AE 12990
4.5

AD 10740
3.8

AC 13030
6.4

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1918phae.proj.1175V

monday April 22, 1918
Nova Geminorum No 2

AC 13040
5.3

AC 13079
6.0

AC 13570
C

AC 14441
6.4 t.p'

AC 14573
10.8

AC 14606
10.5

AC 14903
10.5 i

AC 15018
11.0

AC 13555
7.3

AC 12989
4.0 e

1 i: 50

AC 12991
3.8

AC 12992
3.8

AC 12993
3.8 i

AC 12998
3.7

AC 12999
t.p

AC 13000
3.7

AC 13001
3.7

AC 13002
t.p.

AC 13003
4.5

AC 13004
5.1

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1910phae.proj.1175v

Tuesday,
~~Monday~~, April 27 1918

Nova Geminorum No 2.

11:1Q √MD1984
7.1

√MC1715
3.8 p.c.

√MC1984
7.6 Diff.

√MC2971
9.3

√MD2974
9.4

√aD10773
5.0

aD10772
5.2

√aD10777
4.6

√aD10739
9.9

√aD10740
8.9

√aD10742
4.6

√aD10747
3.9

√aD10755
*. 5.7

√aC13079
6.2

√aC13040
5.0?

√aC13030
6.4

√aC12990
5.1

√D10814
5.?3

√D10822
6.2

√D10847
6.7

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1918phae.proj.1175V

Tuesday, April 23, 1917

Nova Geminorum No 2

✓ a 8 10852	✓ ac 14573
6.4	10.6
✓ mc 13892	✓ ac 13103
wrong region	6.0
✓ mc 13863	✓ ac 13008
12.8	4.6
✓ mc 13769	✓ ac 13015
wrong region	4.2
✓ ac 12993	✓ ac 13031
4.1	6.2
✓ ac 12992	ac 13057
4.2	5.7
✓ ac 12991	✓ ac 13067
4.4	5.3
✓ ac 12989	✓ ac 13151
5.1	7.5p
✓ ac 15018	✓ ac 13017
11.0	foot
✓ ac 14606	✓ ac 18455
10.5	hourly rate

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1018phae.proj.1175v

Tuesday april 23

Nova Aql 1982

ac16010
11.7

Vac13463
8.3

✓ac13016
4.8

12:30

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1918phae.proj.1175y

Tuesday April 23, 1918
Nova Geminorum No 2

2:30

MC 4260
10.6

AC 16016
11.6

AD 10739
4.6 reject 4.0 p. 31

AD 10742
4.2 reject 4.6 p 31

AC 12990
4.6 Be Reject 5.1 p 32

AD 10814
5.1

AD 10822
5.3

AC 12989
4.1 reject 5.1 B 3 31

AC 13008
4.8

AC 13016
4.9

AC 13+63
8 B

2:45

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1910phae.proj.1175v

Friday, April 26, 1918

Nova Monocerotis

12:00 Vad 17072
7? < 9.2

mc 14538
9.4

mc 14579
9.5

mc 14583
9.6

mc 14591
9.7

mc 14571
9.7

mc 14675
10.7 pl

ad 16966
9.8

ad 16987
11.1 ns < 9.7

12:05 ad 16956
ns < 9.6

ad 16951
9.9

ad 16971
9.8? p

d 17011
ns < 10.7

ad 17028
ns
p < 9.2

ad 17032
ns < 9.2

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1918phae.proj.1175V

Friday, April 26, 1918

nova Monocerotis

2:50

√ AG 17032
ns < 9.2.

√ AG 17028
ns < 9.2

√ AG 17011
9.8 f

√ AG 16971
9.7 i

√ AG 16951
9.7

√ AG 16996
3? < 9.6

√ AG 16987
f.

√ AG 16966
9.9

√ MC 14675
10.3 g

3:00 √ MC 14571
9.7

√ MC 14591
9.7

√ MC 14583
9.6

√ MC 14578
9.9

√ ~~MC~~ AG 17077
ns < 8.6

MC 14578
9.7 √
9.7 ~~fuzzy~~
9.7 ~~f~~

MC 14675
9.8
reject 10.7g to 10.3g
too faint

AG 17011
9.9

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1918phae.proj.1175v

Thursday May 2, 1918

3 Coronae B ✓

10:00

AC 13046
defective reject

AC 16170
11.3

AC 236
11.6

AC 15202 Reject 10.2 2:209
10.7

AM 9108
t.p. e

AC 14319
10.4

AM 10014
e

AC 225
ns [11.2]

AC 14822
e

AC 10625
12.0

AM 1209
e

AC 12469 Reject
11.6 2:208 too faint
11.1

AM 7689
e t.p.

AC 13153
11.3

AM 6926
11.4

AC 13197
11.5

AC 14105
11.2

AC 10527
10.9 e

AC 15353 Reject
11.1 2:149
too faint

AC 2481 t.p.

10.8

AC 252 11.4

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1918phae.proj.1175V

Monday May 6, 1918

RS Ophiuchi remeasures

11:30

am 5495 28 reject 11.3 + 11.7 def. measured.
no < 11.4

ac 4923
11.6

am 3576
11.3

ac 6421
no < 10.6

am 5495
~~11.4~~ ~~11.5~~
11.11

ac 6392
11.5 f

ac 5105
no < 10.6

am 72
10.9 f
reject 11.4?

am 855
11.2 r

am 841
11.2

am 1880
11.4 f

11.50

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1918phae.proj.1175V

Wednesday April 8 1918

RS Ophiuchi

12:20 ✓ AC 351 Throwaway

✓ Am 8942 10.5

✓ Am 6308 11.6

AC 16320 11.0

✓ AC 11670 11.3 e

✓ AC 15340 10.6 gf

✓ AC 12452 e. ns 1 t.p.

✓ AC 15210 10.8

✓ AC 7560 11.4

Reject 12.0 2:139 too faint

✓ AC 15162 11.0? gf e

✓ AC 321 11.4

Reject 12.1 2:139 image against the edge of sensibility

✓ AC 14244 11.3 f

✓ AC 225 ns 11.4

✓ AC 14079 10.9 g e

✓ Am 10008 11.4

✓ AC 14041 10.6

✓ Am 10016 11.2 t.p.

✓ AC 14226 ns 10.8? g f

image very poor near edge of plate reject 11.4

Reject 11.7 9 48, too faint for image

Am 7006 10.7

12:50

AC 13964 11.7? g f a e

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1918phae.proj.1175V

Friday May 10, 1918

~~Thursday, May 9, 1918~~

See page 93

~~4:10~~ ~~D32449~~ Nova (?) Aurigae

11:20 D5920
10.3

D8044
1.f.

D8095
11.7

D5505
5.0 ?

D8180
11.7

D32353
ns < 13.2

D8347
11.5

D32335
13.9 f.pf.

D8453
ns < 10.9

D13874
12.9

D9436
11.4

D13911
Many regions t 3m

D9453
11.3

D11890
ns < 11.1

D10166
11.6

D12234
12.3
t 3m

D5188
4.6 pc

D12289
12.5

D5421
4.9 pc.

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1918phae.proj.1175V

Friday May 10 1918

S Aurigae

λ5479
4.8 pc

λ5587
4.6 pc

λ5933
10.9

λ5921
Spec

λ5917
10.3 f

λ5940
10.4? f

λ5950
10.3 f

λ5991
nsc 10.2

λ5975
Carving sym

λ5965
Spectrum

λ5963
ns < 10.9

λ6003
* f

λ12407
Spectr

λ12539
12.3

1:10

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1918phae.proj.1175V

Friday May 10, 1918

Nova J Aurigae

2:00

D 10298	D 6053
11.7	J? < 13.5
D 10369	D 6074
11.7	ns < 13.7
D 10553	D 6107
11.8	J? < 13.5
D 7838	D 5008
11.6	ns < 13.2
D 7886	D 5010
11.6	wing region
D 7937	D 613
11.4	ns < 13.7
D 7947	D 3392
wing region	ns < 12.7
D 6005 plate fogged by moonlight	D 4799 tip.
12.4	
D 6031	D 5943
ns. < 13.5	12.1 i
D 6052	D 5951
tip.	12.0

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1918phae.proj.1175V

Friday May 10, 1918
Nova (J) Aurigae

D 5953
11.9

D 5964
u = t? 12.8 12.9

D 5992
13.3 ~~+2.9~~

~~D~~ 32493
14.9 f

D 33487
15.0 f

~~D~~ 34740
u = t 14.7

~~D~~ 32504
ns ~~f~~ < 14.2

D 36825
tp.

D 36843
ns < 14.2

D 28273
ns < 13.2

D 28357
ns < 10.9

D 31216
ns < 14.2

~~D~~ 11906
tp.

D 17616
ns < 10.9

D 22161
13.5 f

D 22470
ns < 12.7

D 24441
wing region

D 19985
ns < 10.9

D 27575
ns < 10.9

A < w D 26613
ns < 13.2

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1918phae.proj.1175V

Friday May 10, 1918

Nova T. Aurigae

D2922
ns < 12.0

D5669
t.p (Kaelin)

D7862,
12.2 c

D 225-96
ns < 12.7

D9623
t.p.

D14230
12.6?, c

D10437
t.p.

D17104
t.p.

D26482
ns < 12.0

D22218
t.p.

D27797
ns < 12.0

D 22401
ns < 12.7

D26473
ns < 12.7

D 22471
ns < 10.9

D27598
t.p

D 3064
t.p.

D24168
ns < 14.2

D5555
4.7 pc

Defect - region of Nova

D24931
13.4

D5603
5.0 pc

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1918phae.proj.1175v

Friday May 10, 1918

Nova (?) Aurigae

~~5617~~
5.1 pc

~~5636~~
5.1

~~7728~~
11.5

~~7966~~
11.4

~~1866~~
N.p.

~~7339~~
N.p.

~~20366~~
Wrong region

~~5222~~
4.5 pc

~~6843~~
~~N.p.~~ 11.4

~~6855~~
~~N.p.~~ 11.3

~~6857~~
~~N.p.~~ 11.4

~~6895~~ 3
~~N.p.~~ 11.7

~~6897~~
11.0

5.40

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1918phae.proj.1175V

Saturday May 11, 1918

Nova (1) Aurigae

P.C.

9:25 D 5533 4.4 Bright. D 5436 11.8

D 5609 4.6 pe D 5937 11.7

D 5889 8.6 D 5847 7.0? g

D 5811 8.6 D 5858 7.2 Reject Probably a mistake of assist

D 5897 8.7 D 5864 7.7?

D 5902 9.7 D 5867 8.1

D 5906 9.6 D 5874 8.2

D 5918 10.8 D 5876 8.1

D 5927 10.5 D 5878 7.9

D 5935 11.7 V D 5885 8.2

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1918phae.proj.1175v

Monday, May 13, 1918

Nova (?) Aurigae

10.00 D 14436
Sp. could not identify

D 14646
12.9

D 14717
~~12.9~~
12.9

D 14929
12.8

D 14379
12.5

D 10764
11.8

D 12679
ns < 12.0

D 5687
5.0

D 5615
5.1

D 32449
ns < 12.6

D 27656
ns < 13.2

~~D 27599~~
wrong region

D 26062
ns < 12.6

~~D 25977~~
wrong region

D 5508
4.8 pc

D 5523
5.1

~~D 5981~~
13.1

D 5223
4.0 ? Br.

D 5982
13.4

D 22237
ns < 13.2

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1918phae.proj.1175v

Monday, May 13, 1918

Nova (T) Aurigae

D 22428
wrong region

D 5920
10.5

D 5757
5.3 pe

D 5762
5.4

D 5771
5.4

D 5782
5.5

D 5793
5.6

D 5796
5.9

D 5941
11.9

D 2892
m < 11.1

D 7109
11.2

D 7111
11.3

D 6910
11.0

D 297
wrong region

D 2190
wrong region

D 6016
13.6

D 6029
1.p

D 5809
5.2 pe

D 5818
5.7 pe

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1918phae.proj.1175v

Monday, May 13, 1918

Nova (T) Aurigae.

D 5829
5.9 pc.

D 5760
5.0 pc

D 5568
no pc. too light.

D 5566
4.8 pc

D 5560
4.7 pc

~~D~~ 3065
Trumpler

~~D~~ 1218
12.5 R

~~D~~ 10541
11.9 fpc

D 9614
11.7 fpg

D 13918
e tp.

D 6912
11.0

D 6935
11.0

D 6987
10.9

D 6121
ns < 13.5

D 6004
12.7 p.

D 8260
~~10.9~~ 11.5

D 7134
11.7

D 7158
11.3

D 7995
11.3

D 7113
11.2

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1918phae.proj.1175V

Monday, May 13, 1918

Nova (Y) Aurigae

d 7024
11.4

d 7046
11.2

d 7048
11.4

d 7060
11.3

d 7084
11.4

d 32736
14.6

d 32301
m? < 14.2

d 5702
4.8 pc

d 26520
m < 13.2

d 7783
11.3

d 5496
4.9 p.c.
matches of
unit corr. May 28, 1918.

d 5728
5.2 p.c.

d 5734
5.2 pc

d 5744
5.0 pc

d 5224
wrong region

d 5410
4.8 pc

d 5875
spectrum

d 17313
1.9

d 17327
wrong region

d 20210
wrong region

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1910phae.proj.1175v

monday. May 13, 1918

Nova (J) Aurigae.

D 20315

no < 13.2

J < U on D 9436

J > U on D

D 14133

t.p.

D 13665

t.p.

D 8074

11.2 i

D 8182

11.2

1.00

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1918phae.proj.1175V

Tuesday May 14, 1918

V Persei

✓ MC 6904
ns < 16.1 1914, 11, 14

✓ MC 570
ns < 15.8 1910, 9, 21

✓ MC 1997
ns < 15.2 12, 9, 16

✓ MC 4205
ns < 16.1 13, 11, 1

✓ MC 4119
ns < 15.2 13, 10, 22

✓ MC 6937
ns < 16.1 14, 11, 16

✓ MC 6954
ns < 15.2 14, 9, 17

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1918phae.proj.1175v

Thursday, May 16, 1917

Nova (?) Aurigae

12:05 ~~D~~ 2405
ns < 13.5

D 2578
ns < 11.5

~~D~~ 5008
5.0 pc

~~D~~ 29899
14.4 c

~~Inc~~ 7036
15.1

D 35974
ns < 11.5

~~D~~ 36368
ns < 12.0

D 24428
ns < 13.5

D 24444
ns < 13.2

D 7107
12:50 11.4

D 14711
Wrong region

D 20101
ns < 12.7

D 20190
ns < 12.7

D 21878
ns < 12.7

D 217
Wrong region

D 2281
Dreyer cluster region

D 2292
Wrong region

D 2366
11.7

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1918phae.proj.1175V

Friday May 17, 1918

J Aurigae

1.00

ac 8237 ns < 12.7

ac 8882 ns < 10.9

ac 8018 ns < 10.9

ac 7913 ns < 12.0

ac 18313 ns ~~7.7~~ < 12.7

ac 9056 ~~ns 7.7~~ < 12.0

1.10

ac 9166 ns < 12.7

ac 9861 ns < 12.0

ac 9881 ns < 12.7

ac 9223 ns < 12.7

ac 9308 ns < 13.2

ac 10832 ns < 12.0

ac 13619 ns < 12.0

ac 13650 ns < 13.2

Faint star near position of Nova

ac 14588 ns < 12.7

ac 14616 ns < 13.2

ac 15999 ns < 13.2

ac 17287 ~~16010~~ ns < 13.2

ac 18062 ns < 13.2

ac 19831 ns < 13.5

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1918phae.proj.1175V

Friday May 17, 1918

γ Aurigae

616

ac 19884
ns < 13.2

ac 19275
ns < 10.9

ac 18600
ns < 13.2

266

ac 18454
ns < 10.9

3:00

3:50

d 5508
5.0 pc

d 8074
11.7 L

d 8182
11.8

d 29899
14.4

d 5410
4'4 Bur

d 5414
5.4

d 5734
5.2

d 5728
5.3

d 5716
5.0

d 7783
11.5 L

d 5702
5.0

d 32736
14.6

d 7084
11.3

d 7060
11.4

d 7048
11.4

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1918phae.proj.1175V

Friday, May 17, 1918

Nova Aurigae

D 7046
11.3

D 7024
11.4

D 7113
11.2

D 7995
11.7

D 7158
11.6

D 7134
11.6 gf

D 8260
11.7

D 6004
12.8 p

D 6121
ns < 13.5

D 6937
11.0

D 6935
11.0

D 6912
11.0

D 6914
11.2 f.f; tp.? Does not cover region.

D 10571
11.7

D 10184
12.0 e p?
s' s2 s3 ns. off edge

D 5-5-60
4.8

D 55-66
4.6

D 5-5-68
4.7? Scratch on pc
pm plate

D 5-7-60
50

D 5829
5-6

5.0

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1918phae.proj.1176v

Saturday. May 18 1918

Nova (J) Aurigae

2:30

d5818 6.0 g.p. pc	d5782 5.4 pc
d6029 10.7 pg	d5771 5.4 pc
d5869 5.1 pc	d5762 5.2 pc
d6016 14.2 p	d5757 5.2
d6910 11.5	d5920 10.5
d7111 11.6	d5982 13.2
d7109 11.5	d5223 4.3 Bright
d5941 11.9	d5981 13.3
d5796 5.3 pc	d5523 11.5
d5793 5.5 pc	d10369 11.6

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1918phae.proj.1175V

Saturday, May 18, 1918

Nova (?) Aurigae:

D 10553
11.7

D 7838
11.6

D 7886
11.0

D 7937
11.7

D 6005
13.3

D 6031
m < 14.2

~~D 6052~~ 5965
~~Spectr~~

D 24163
14.0

D 24931
13.9

D 27598
m < 13.2
4:30

D 6473
m < 13.2

D 27797
T. P.

D 7862
11.3 c.e

D 26613
13.9?

D 5943
12.0

D 5951
12.3

D 5953
12.5

D 5964
12.8

D 5992
13.2

D 32493
14.2

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1918phae.proj.1175v

Tuesday
~~Monday~~, May 21, 1918

Nova (?) Aurigae

10.50 D 34440
14.9 E. g.

D 32504
2 as < 14.2 ~~13.7~~

D 36843
14.8 g

D 10298
11.9

D 5936
11.8

D 5935
11.7

D 5922
10.5

D 5918
10.5

D 5906
9.8

D 5902
9.3

D 5897
8.3

D 5891
8.7

D 5889
8.5

D 5609 p.c.
5.0 p

D 5533
4.5 p c

1998
~~D 5375~~
e t.p.?

D 22470
13.2 f g t.p.

D 22161
13.6 f

D 17616
12.6? p

D 31216
15.0 g p.

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1918phae.proj.1175V

Tuesday
Saturday, May 21, 1918
Nova (Y) ~~Coronae~~ Aurigae

11:40

D 3249
mag 12.7

D 5885
8.1

D 5615
11.8 pc

D 5878
7.8

D 5687
5.1 pc

D 5876
8.2

4+

D 12,679
mag < 11.5

D 5874
8.0

D 10764
11.9

D 5867
8.1

D 14379
11.7 ? P.

D 5864
7.9

D 14717
12.9 P.g.

D 5858
8.0

D 14929
12.8

D 5847
7.2 pc

D 14645
13.3

D 5788
Spectr

D 14436
T.P.

D 5937
11.8

12:00

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1918phae.proj.1175v

Tuesday, May 21, 1918

Nova (?) Aurigae.

12.0s d 5222
4.3 Br pc

d 6895
11.5

d 7339
e Up.

d 6897
11.3

d 11866
11.9 f

d 13874
13.2 f

d 7966
11.5

d 32335
13.6 f pf

d 7728
11.4

d 32353
ns < 13.2

d 5636
5.0 pc

d 55105
5.0 pc f

d 5617
5.3 pc

d 6843
11.4

d 5603
5.1 pc

d 8347
11.5

d 6855
11.4

d 8453
11.3

d 6857
11.4

d 9436
11.4 ? 2 dif ?

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1918phae.proj.1175V

Tuesday May 21, 1918

Nova (1) Aquilae

12:25 ✓ D 9453
11.6

✓ D 13911
Does not occur
ng

✓ D 11890
Tp

✓ D 12234
12.2

✓ D 12289
Tp

✓ D 8047
Tp

✓ D 8095
11.5

✓ D 8180
11.6

✓ D 5555
4.7 pc

✓ D 22471
ns < 12.9

✓ D 22401
ns < 13.2

✓ D 22218
ns < 12.0

✓ D 17104
ns < 12.0

✓ D 14290
12.8 ? f g Def ?

✓ D 12539
12.6 f g

✓ D 6003
~~H0~~ ns < 10.9

✓ D 5963
ns < 12.0 f

✓ D 5973
ns < 10.9

✓ D 5950
ns < 10.2

✓ D 5940
pp

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1918phae.proj.1175V

Tuesday, May 21, 1918

Nova (T) Aurigae

D5971
ns < 10.9

D5933
11.2 ?

D5787
4.6 e pc

D5479
4.8 e pc

D5421
4.3 e pc

D5788
4.6 e pc

D10166
11.5

Bill

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1918phae.proj.1175V

Saturday May 25, 1918

J Coronae

11:40

AC 6665
11.0 f.g.e

AC 6280
11.2 f

AC 6498
t.p.

AC 6363
11.2 f e

AC 6511
ns < 11.4

AC 6444
t.p.

AC 6521
ns < 10.6

D 33095
11.4

AC 6531
t.p.

D 33108
11.3

AC 6577
t.p.

~~D 32+35 wrong region~~

D 33217
11.2

AC 6598
ns < 10.6

AC 6252
11.9

AC 6109
11.5

AC 6278
11.5

AC 6199
t.p.

AC 6368
11.1

AC 6260
ns < 10.6

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1918phae.proj.1175V

Saturday, May 25, 1918

J Coronae

ac 6461 11.6	ac 6123 11.7
ac 6513 11.4 f	ac 6161 11.8
ac 6573 11.3	(am 3734 11.2)
ac 6579 10.9	am 3820 11.4
ac 6625 11.3	am 3589 11.5 fe
ac 6639 11.1 i	am 3637 11.6
ac 6673 10.8	(am 3704 ns < 11.0)
ac 5964 11.6	am 3419 ns < 10.6
ac 5997 12.0 f	am 3431 ns < 10.6
ac 6057 bf-	am 3455 bf-

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1918phae.proj.1175V

Saturday, May 25, 1918

12, 40

J Coronae

am 3529
11.2

ac 6155
no <11.0

ac 6187
11.6

ac 6121
11.9 f.q.

ac 6216
11.5 f e

ac 6007
11.4 q

ac 6243
11.6

ac 6032
t.p.

ac 6327
t.p.

ac 6060
11.5 f

ac 6356
11.3

ac 6086
no <11.4

ac 6407
e t.p.

ac 5952
11.5

ac 6518
11.6

ac 6779
t.p.

ac 6564
no <11.0

am 3472
t.p.

ac 6604
11.4? f

am 3467
t.p.

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1918phae.proj.1175V

Saturday, May 25, 1918

T Coronae

Am 3536
t.p.

Am 3585
ns < 10.6

Am 3639
11.1

Am 3658
t.p.

Am 3749
t.p.

Am 3793
ns < 10.6

Am 3821
t.p.

Am 3889
t.p.

15.05

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1918phae.proj.1175V

Saturday May 25, 1918

5 exposures

4:00

d 33217
11.2

d 33108
11.3

d 33095
11.3

d 33135
11.5

ac 5878
10.8

am 3421
ns < 9.4

ac 6472
ns < 10.6

am 3747
11.1

ac 6407
ns < 10.6

ac 6578
ns < 10.6

reject 11.6
two images

ac 6604
10.9 g reject 11.4? defect?

ac 6009
11.3 gl

am 3639
11.4 e

ac 6665
ns < 10.6

ac 6109
11.5 i

ac 6363
11.4 g e

ac 6252
11.9

4:10

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1918phae.proj.1175V

Wednesday
Tuesday May 28 1918 9

Nova Aquilae No 1 Scop 95

11:50 5

ac 3456
✓ 8.7

~~ac~~ 3458
✓ 8.7

✓ac 3462
8.7

ac 3469
✓ not in cover
no exmnt.

ac 3478
✓ 8.5

✓ac 3485
8.8

ac 13067
ns < 12.0

ac 2981
ns < 12.9

ac 3489
✓ t.p.

ac 3496
12:35 ✓ 8.7

ac 3505
9.0

✓ac 3512
9.0

✓ac 3520
8.7

ac 3541
✓ 9.0f

ac 3984
f? < 12.0

88
~~ac 4050~~
ac 4141
ns < 12.4

ac 4088
4030
3489
3457
} t.p.

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1918phae.proj.1175V

Wednesday, May 29, 1918

Y Aurigæ

3.40

d 5293 ✓ 4.2 Br.

d 5410 ✓ 4.9

d 5421 ✓ 5.0

d 5523 ✓ 4.9

d 5568 ✓ ~~4.9~~ 5.0 vg

d 5609 ✓ 5.0

d 5615 ✓ 4.9

d 5744 ✓ 5.2

d 5796 ✓ 5.1 pg

mc 695 ✓ 15.8

4.10

mc 909 ✓ 15.4

mc 1649 ✓ 15.2

d 31216 ✓ 15.1 f. vg.

d 32335 ✓ 13.8? pg last faint

d 32493 ✓ 14.6?

d 33487 ✓ ns < 12.6

d 36843 ✓ 14.8 f

d 26613 ✓ ns < ~~12~~ 13

d 22470 ✓ ns < 12

d 24163 ✓ 14.5

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1918phae.proj.1175V

Thursday, May 30, 1918

T Aurigae

10:30 ✓ D 24931
13.6 f

✓ 14645
13.0

✓ D 17104
ns < 12.0

✓ D 17616
13.0 f

✓ D 12089
ns < 11.5

✓ D 12539
11.9 f g

✓ D 10184
12.1 e
s' ν² s 3 ns. gg edge.

✓ D 1866
12.0

✓ D 7862
11.7 i

✓ D 8074
11.6 i
11:50

T < u on D 9436
T > u on D 14645 Image of t depleton on this plate. H.S.C.

T > u mC 909
T ≤ u on mC 695
T < u on mC 7036
T > u mC 1649
u f t ns D 17616.
t ns u f D 11866
t < u D 8182
~~D 6005~~ ✗
u > t D 6005

✓ D 8182
11.6

✓ D 8453
11.3

Reject ns < 10.9 + 42

✓ D 9614
T? < 11.1

~~D 6005~~
~~ns < 13.9~~

~~D 6016~~
~~ns < 14.2~~

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1918phae.proj.1175v

Thursday, May 30, 1918

Nova (?) Aurigae

2:45 MC 7036
15.2

d 5982
9.7

d 6910
11.6

D 5917
T.P.?, reject plate

d 6914
wrong region

This was a special plate with an exposure on the orion nebula. probably estimate 10.3 The faint nova was not made on this but some other star from the extra region.

d 6029
t.p.

d 5953
11.9 reject, 12.5 p60 too faint

d 5950
t.p. reject plate

d 5818
5.7

d 5829
6.0

d 5858
7.98 reject 7.2 p48

3:45 d 5897
8.9 Reject 83 p61 wrong identification of comp. star

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1918phae.proj.1175V

Saturday June 1, 1918

Nova Geminorum #1

11:15

√ac 3456
8.5

√ac 3458
8.5

√ac 3479
6.8 : 7a

√ac 6973
ns < 12

√ac 3541
9.0

√ac 7101
1p

√ac 3520
8.7

√ac 7246
ns < 12.4

√ac 3572
8.9

√ac 7270
ns < 12.0

√ac 3505
8.9

√ac 7301
1p.

√ac 3496
8.7

√ac 7330
ns < 12.4

√ac 3485
8.6

√ac 7405
ns < 12.9

√ac 3478
8.4

√ac 7460
1p

√ac 3452
8.5

ac 7528
1p

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1918phae.proj.1175V

Saturday, June 1, 1918

Nova Geminorum No 1

11:55
1

AC 7952
tp.

AC 5340
ns < 12.4

AC 5018
ns < 11.7

AC 5833
ns < 12.4

AC 4190
ns < 12.0

907
AC 5885
ns < 12.9

AC 4358
ns < 12.4

AC 5982
ns < 12.9

AC 4488
tp.

AC 6143
ns < 12.0

AC H565
12.8 tp

AC 3219
ns < 11.7

AC 4622
ns < 12.0

AC 3230
ns < 11.8

AC 4720
tp.

AC 3283
ns < 11.0

AC 4782
tp

AC 3292
ns < 11.0

AC 5179
tp

AC 3370
ns < 10.7

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1918phae.proj.1175v

Saturday, June 1, 1918

Nova Geminorum No 1.

√ac 3378
ns<12.0

√ac 3450
8.1

√ac 7943
ns<12.9

ac 3398
Brighter than
any comp. stars

ac 6174
6027
5946
5883
5771
5757
5678
5643
5573
5499
5412
5316
5298
5250

11:40

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1918phae.proj.1175v

Monday, June 3, 1918

Nova Geminorum #1

9.30

ac 4565	ac 9223
12.6	ns < 12.9
ac 3450	ac 9254
8.4	ns < 12.9
ac 3456	ac 9308
8.6	ns < 13.2
ac 8058	ac 6720
ns < 12.0	ns < 12.4
ac 8105	ac 6901
ns < 12.0	6810
ac 8110	6832
? ns < 12.9	6689
	6679
	6647
ac 8153	6305
ns < 12.0	6283
	9372
ac 8237	9191
ns < 12.0	9166
	9056
ac 8290	8994
Tp	8913
	6882
ac 8312	8354
ns < 12.4	8316
	8294

tp

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1918phae.proj.1175V

Monday, June 3, 1918

Nova Geminorum #1.

√ac 19270
ns < 11.7

√ac 19425
ns < 12.4

√ac 19467
ns < 12.9

√ac 18266
ns < 12.4

√ac 18313
ns < 12.9

√ac 18457
ns < 12.9

√ac 18600
ns < 12.9

√ac 19831
ns < 13.2

√ac 19841
ns < 12.9

√ac 19693
ns < 12.0

√ac 19616
ns < 13.2

√am 283
ns < 12.4

√am 280
ns < 12.4

√ac 18062
ns < 12.4

√ac 17287
ns < 13.2

√ac 15999
ns < 12.9

ac 14963
TP

√ac 14588
ns < 12.0

√ac 14616
ns < 12.4

√ac 13619
TP

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1918phae.proj.1175V

Monday, June 3, 1918

Nova Item #1

√ AC 13650
ns < 13.2 / 15

√ AC 13003
T.P.

√ AC 12929
ns < 13.2

√ AC 12986
ns < 12.4

√ AC 12989
ns < 12.0

√ AC 12991
T.P.

√ AC 12965
ns < 12.4

√ AC 12737
12.9

√ AC 12813
ns < 12.4

√ AC 12868
ns < 13.4

√ AC 12305
ns < 12.0

√ AC 12312
ns < 12.0

√ AC 12325
ns < 13.2

√ AC 12328
ns < 12.4

√ AC 12333
ns < 12.4

√ AC 11443
ns < 12.4

√ AC 1,288 ~~12030~~
ns < 12.4

√ AC 10832
ns < 12.0

√ AC 11014
ns < 12.0

√ AC 11034
ns < 12.0

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1918phae.proj.1175v

Monday, June 3, 1918

Nova Geminorum #1

✓ AC 9861
ns < 12.4

✓ AC 9881
ns < 12.9

✓ AC 3984
ns < 12.4

✓ AC 4030
1 p

✓ AC 4886
1 p

✓ AC 4141
ns < 12.4

✓ AC 13067
ns < 12.0

✓ AC 2293
ns < 12.9

✓ AC 2378
ns < 12.4

AC 2004
ns < 12.0

1 i p

✓ AC 1846
1 p

✓ AC 1337
ns < 12.4

✓ AC 663
ns < 12.9

✓ AC 720
ns < 12.4

✓ AC 518
~~1 p~~ ns < 12.0

✓ AC 122
ns < 12.9

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1918phae.proj.1175V

Monday June 3, 1918

Nova Geminorum 1

11:5 ✓ ✓ 30518 9.7

✓ 30555 10.4

✓ 30574 10.6

✓ 30578 10.8

✓ 30573 Does not cover region

✓ 30376 10.1

✓ 30394 9.8

✓ 30403 9.9

✓ 30417 10.0

✓ 30421 10.1 12:30

✓ 30430 tp

✓ 30434 10.2

✓ 30435 10.1

✓ 30444 10.0

✓ 30445 10.0

✓ 30451 10.2

✓ 30452 10.3

✓ 30475 10.3

✓ 30477 10.1

✓ 30478 10.2

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1918phae.proj.1175v

Monday, June 3, 1918

Nova Geminorum #1

3:20

~~30486~~ 6093 ns<12.9	5514 ns<13.2
6206 ns<11.7	5561 ns<13.2
7839 ns<12.9	5645 ns<13.2
7842 ns<13.2	3231 ns<12,4
8045 T.P.	3384 ns<12-4
8112 ns<12.9	4800 T.P.
8183 ns<13.2	30456 10.4
8348 T.P.	30486 10,4 p
5010 ns<12.4	30249 8.7
5412 ns<12.9	30253 8,7

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1918phae.proj.1175V

Monday, June 3, 1918

Nova Geminorum #1

✓ D30255 8.7	✓ D30365 9.6
✓ D30264 8.8	✓ D30351 8.9
✓ D30265 8.7	✓ D30374 9.1
✓ D30281 8.7	✓ ~~D28095~~ ns < 12.4
✓ D30289 8.8	✓ D31086 13.4
✓ D30294 9.0	✓ D30254 8.7
✓ D30308 8.9	✓ D32303 ns < 13.2
✓ D30320 9.1	✓ D32336 ? < 13.4
✓ ~~D30334~~ 9.0	→ H 745 13.7 ? not more than 9
✓ D30383 9.1	✓ D32494 ns < 13.4

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1918phae.proj.1175V

Monday, June 3, 1918

Nova Geminorum #1

✓ 32507 ns<13.2	✓ 14380 tp	✓ 12681 ns<13.4
✓ 32738 ns<13.4	✓ 14440 ns<12.4	✓ 12671 tp
✓ 26352 ns<12.9	✓ 14646 ns<13.4	✓ 13875 ns<12.9
✓ 26476 615 ns<13.7	✓ 14697 ns<12.4	
✓ 27603 tp.	✓ 10765 ns<12.0	
✓ 21822 tp.	✓ 10790 ns<12.9	
~~25212~~ 1114	✓ 1891 tp	
✓ 20318 tp	✓ 12235 ns<12.9	
✓ 20316 ns<12.9	✓ 12417 ns<12.0	
✓ 14134 tp	✓ 12457 ns<12.9	

4:40

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1918phae.proj.1175V

Tuesday, June 4, 1918

Nova Lacerta #1

9:45

M c 5318
m5 < 16.0

Q 30334
8.7

Q 30254
8.8

Q 30320
8.9

Q 34445
~~11.3~~ ~~8.7~~ m5 = 14.6

Q 30308
8.9

Q 32336
~~14.4~~ ~~m5 = 14.0~~ m5 < 14.6

Q 30294
8.9

Q 31086
13.1

Q 30289
8.7

Q 32336
m5 < 14.6 ~~14.4~~

Q 30281
8.7

Q 30344
8.8

Q 30264
8.6

Q 30351
8.8

Q 30265
8.7

Q 30365
9.1

Q 30255
8.6

Q 30383
10.1

Q 30253
8.6

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1918phae.proj.1175v

Tuesday, June 4, 1918
Nova Geminorum #1

✓ 30249 8.7	✓ 30475 10.0
✓ 30486 10.4	✓ 30452 10.1
✓ 30456 10.1	✓ 30451 10.2
22177 t.p.	✓ 30445 10.2
22187 t.p.	✓ 30444 10.0
22403 ms < 12.9	✓ 30435 10.2
✓ 24164 ms < 14.4	✓ 30434 10.0
✓ 24683 ms < 14.4	✓ 30421 10.0
✓ 30478 10.2	30430 t.p.
✓ 30477 10.0	✓ 34445 ~~t.p.~~ ms < 14.6

10:40

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1918phae.proj.1175V

Tuesday June 4, 1918

11:40

✓ Q30417 9.8	✓ Q24908 ns < 12.9
✓ Q30403 10.2	✓ Q24933 ns < 12.4
✓ Q30394 9.8	✓ MC1806 ns < 12.9
✓ Q30376 9.7	✓ MC1800 ns < 13.4
✓ Q30572 10.6	✓ MC1708 ns ? < 14.4
✓ Q30518 9.7	✓ MC1730 ?
✓ Q30544 10.6 f	✓ MC4398 ns < 16.0
✓ Q30555 10.5	✓ MC4837 ns < 16.0
✓ Q24042 ns < 14.1	✓ MC1w037 ns < 16.0
✓ Q24144 ? < 14.1	MC1w038 ns < 16.0

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1918phae.proj.1175V

Tuesday, June 4, 1918

Nova Geminorum #1.

✓ AC 3328	✓ AC 4435
ns < 12.4	T p
✓ AC 3369	✓ AC 4449
ns < 10.5	ns < 12.4
✓ AC 3421	AC 4466
> 7.3 (68)	✓ ns < 10.5
✓ AC 3427	AC 4514
7.1 B	✓ ns < 12.9
✓ AC 3470	AC 4602
8.3	✓ ns < 11.7
✓ AC 3533	AC 3371
8.7	T.p.
✓ AC 3963	✓ AC 3414
ns < 10.5	7.0 Bright
✓ AC 4006	✓ AC 3429
ns < 12.0	7.0
✓ AC 4072	✓ AC 3432
T.p.	7.1
✓ AC 4390	✓ AC 3497
ns < 12.4	8.7

12:05

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1918phae.proj.1175V

Tuesday June 4, 1918

Nova Gem. #1

2:10

√ac3527
8.8

√ac3565
9.1 · fq

√ac3993
F.p.

√ac4019
ns<10.5

√ac4055
ns<12.0

√ac4121
ns<12.9

√ac4161
F.p.

√ac4169
fp

√ac4206
ns<10.5

√ac4220
ns<12.0

2:30

√ac4240
ns<12.0

√ac4257
#? <12.9

√ac4302
fp

√ac4369
ns<12.0

√ac4373
ns<12.0

√ac4414
ns<12.0

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1918phae.proj.1175V

015556. V Persei

Sequence marked MC 6904
" " D 17279

a 8.6
b 9.1
c 9.8
d 10.4
e 10.6
f 11.6
g 11.9
g^2 12.1
g^3 12.5
h 12.9
h^2 12.7
k 13.2
l 13.5
m 14.0
m^2 14.3
o 14.1
p 14.4
q 14.6
r 15.1
s 15.2
t 15.8
u 16.1

MC series magnitudes BD 9 : 28
~~Potsdam~~ " HA 47
reduced to scale of series magn.

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1918phae.proj.1175V

032443 Nova Persei No 2.

MC 5066

MC1993 with chart.

AC1327

AD136

Chart for faint stars

MC Series Plates

MD Series "

AC 3' Plates

D 3' Plates

Estimates in Grades AD Plates

Plus corrected for Class of Spectra.

1	2.9	g	12.8
2.	rejected Var	f	13.2
1a	2.2	k	13.3
1b	2.9	h	13.5
2a	3.1	m	13.6
2b	4.1	n	13.6
3	4.4	n'	13.8
5	5.0	q	14.0
4	5.1	g	14.6
6	5.6	p	14.8
7	6.2	r	15.0
8	6.7	s	15.5
9	7.2		
10	7.5		
10a	7.8		
10b	8.2		
11	8.4		
12	8.8		
13	8.9		
a	9.0		
a'	9.6		
a2	9.7		
b	10.5		
d	10.9		
c	11.3		
c'	11.7		
e	12.0		
f	12.5		

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1918phae.proj.1175V

052530 J Aurigae

MC 7036

b	4.7	z	14.2
c	5.3	α	15.1
f'	5.5	β	15.2
d	5.7	γ	15.8
e	5.8	δ	16.0
a	5.8	ε	16.2
f	5.9		
g	6.7		
g'	7.1		
k	7.3		
h	7.5		
k'	7.7		
m	8.3		
l	8.3		
l'	8.9		
o	9.1		
n	9.5		
p	9.8		
q	10.2		
r	10.7		
s	10.9		
s'	11.1		
s^2	11.5		
s^3	12.0		
t	12.6		
u	12.7		
w	13.2		
x	13.5		
y	13.7		

(1) MC Series Magn BH 9a:134

(2) Estimates of intervals on 11 C Plates (2:25) W.F.

(3) Scale measures on 9 C Plates W.P.F.

(4) Ptm corrected for class of spectra

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064932 Nova Geminorum No 2

Marked Chart. { P 15615 / D 15719

MC 5819

Q 12442

MD J' Plates

ME J' "

MC J' Plates

MC Series " Bk 9:90

Scale measures 3 D Plates

Ptm corrected for class of spectr

a	2.7	γ	11.7
b	3.7	δ	12.3
c	4.5	ε	12.8
d	4.0	ε^2	13.3
e	5.0	ε^3	13.3
f	5.1	ζ	13.5
g	5.5	ζ^2	13.9
h	6.1	η	13.8
k	6.7	η^2	13.8
l	6.8	θ	14.0
m	7.2	κ	14.5
n	7.9	λ	14.6
o	8.0	μ	15.0
p	8.3	ν	15.3
q	8.4	ξ	15.5
r	8.7	ο	15.8
ρ	9.0	π	.
σ'	9.0		
t	9.2		
u	9.4		
φ	9.6		
w	10.1		
x	10.5		
y	10.5		
z	10.6		
α	11.2		
β	11.4		

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063730 Nova Geminorum #1

a	7.3	γ	14.6
b	8.0	δ	15.2
c	8.2	ε	16.0
d	8.9		
e	9.2		
f	9.6		
f'	10.5		
g	9.8		
h	10.2 dbl.		
h'	10.1		
k	10.5		
l	10.7		
l'	12.4		
m	11.0		
n	11.3		
o	11.7		
p	11.8		
q	12.0		
r	12.4		
s	12.9		
t	12.8		
u	13.2		
w	13.4		
x	13.7		
y	13.8		
z	14.0		
α	14.1		
β	14.4		

MC 5318

(1) Ptm corrected for Spectra 15 stars P.I. NC 70:1

(2) " " " " 5 " NC 70:2

(3) Series Magn 3 mc Plates Bk 9; 86

(4) Relative magns. from D & C Plates E.F.L. Bk 28 pp 14–21.

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1918phae.proj.1175V

072206 Nova Monocerotis.

~~MC 14538~~

marked charts

B27236
AC18112
AM2423
MC2734
MC14538

a	5.6	w	12.1		
a'	6.9	x	12.5		
a^2	5.1	y	12.9		
b	6.1	z	13.2		
b'	6.4	α	13.4		
c	6.3	β	13.8		
d	6.9	γ	14.0		
e	7.1	δ	14.0		
e'	8.6	ϵ	14.4		
e^2	8.0	ζ	14.7		
e^3	8.6	η	15.1		
f	7.5	θ	15.2		
g	8.2	χ	15.4		
g'	8.4	25'	10.1		
h	8.6	33'	12.0		
k	8.9	34'	12.8		
l	9.2	35	13.1		
m	9.6	36	13.4		
n	9.9	37	13.9		
n'	11.1				
n^2	10.5				
o	10.5				
p	10.8				
q	11.2				
r	10.8				
s	10.5				
t	11.5				
u	11.7				

b', a', e^2, e', e^3 25', 34', 35, 36, 37 were not used in observing the nova, these stars belong to the visual sequence

(1) MC Series and s' Plates Bk 19:92–94.

(2) Ptm. corrected for Class of Spectra.

(3) 4 Ac chart plates, reduced to scale of Series Mags.

(4) Relative mags. from MC 14562, reduced to Series mags.

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1918phae.proj.1175V

090032 I Pyxidis

B 29314
@ 10,062.

a 6.9
b 7.5
c 7.7
d 7.9
e 8.5
f 8.9
g 9.0
h 9.4
k 10.0
l 10.4
m 10.8
n 11.2
o 11.5
p 12.0
q 12.3
r 12.5
s 12.7
t 13.2
u 13.5
w 13.7

(1) Bache Series Plates B=44: 15-1
(2) Ptm corrected for class of spectra
(3) Early scale measures on B Plates
reduced to scale of Series Mag
(4) " " " " Cam "
" " " "

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1918phae.proj.1175V

155526 Coronae

D28786

a 9.4
b 9.8
c 10.2
d 10.6
e 11.0
f 11.4
g 11.8
h 12.3

(1) MC Series Magn
Relative magn from } Bk 38:4
(2) Ac Plates reduced
to scale of Series }

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1918phae.proj.1175V

174406 R S Ophiuchi

MC 5587

a 9.3
b 9.8
c 9.9
d 10.2
e 10.6
f 10.9
g 11.2
h 11.4
x 11.6
l 11.7
m 12.5
n 12.6
o 13.3
p 13.8
q 14.1
r 14.5
s 14.8
t 15.1

(1) MC Series Magn Pk. 9.179
(2) Magn Ha47 reduced to scale of Series.

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1918phae.proj.1175V

191500 Nova Aquilae No 1

a 6.7
a' 7.4
a^2 7.8
b 8.5
c 8.5
d 8.8
e 9.1
f 9.7
g 10.3
h 10.6
k 11.1
l 11.1
m 11.3
n 11.6
o 11.7
p 12.0
q 12.7
r 13.1
s 13.4
t 13.6
u 13.8
w 13.9
x 14.6
y 14.9

A 6012
MC 6011
B 23450
(1) Magn from series Plates Bk 19:100
(2) " HA. 47 p 62
(3) Plm corrected for Spectra a
(4) Scale measures on 4 am plates for stars a' & a^2

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1918phae.proj.1175v

Saturday, June 8, 1918

Nova Aquilae No 1.

10:15 B 23105
11.0

B 22859
9.0

B 23450
11.5

B 22707
7.6

D 23290
10.7 g

B 23971
11.4

B 23449
11.4

B 23365
11.3

B 23406
11.6
6

D 28688
m < 13.9

D 29029
m < 13.6

D 23056
11.3; very faint

D 23184
11.3

D 25684
13.2

D 25538
13.5

ac 339
10.6

ac 297
6.8

am 10 H
11.4

am 46
r p

am 63
t p

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1918phae.proj.1175V

Saturday, June 8, 1918

nova Aquilae No 1

12:45 am 68 Tp i

Va 6012.
15.0

am 75
ns < 11.1

am 87
ns < 10.6

am 116
?

ac 346
8.5

ac 809
ns < 10.6

am 199
ns < 11.1

am 121
ns < 10.6

am 102
11.4 f.q.

am 53
ns < 11.1

12:50

Nova Aquilae No. 3 see page 103

Preliminary magnitudes

W = Star 1 = 10.4
2 = 10.5
K = 3 = 10.6
α = 4 = 11.4

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1918phae.proj.1175V

Monday June 10, 1918

~~Nova Aquilae No 1~~

~~a 6012~~

~~15.0~~

~~a~~ °

Nova Aquilae No 3

a 9331 10.9

a 9849 11.6

a 10777 10.7

a 10732 11.0

d 8843 > 10.6

d 13896

1 = 10.4

2 = 10.5

3 = 10.6

4 = 11.4

normally about 10.6

300 on the following plates the Nova was about normal

a 10786
10783
10779
10738
10733
10002
10105
4443
6026
4992

d 9348
d 23213
15851
1734
4122
31801
8843
27425
8987
4567
6619
13347
21296
21065
18710

d 18453
18680
23291
23225
27637
27343
27185
26130
24063
31994
31788

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1918phae.proj.1175V

Monday, June 10, 1918

Nova Aquilae No 1

3:15

Ac297
6.7

Am116
ns<11.6

Am53
ns<11.6

Am102
~~ns<11.6~~
11.5 f?

Am121
ns<10.6

Am199
ns<10.6

Ac809
ns<11.6

Ac346
ns<11.6

Am87
ns<11.6

Am95
ns<11.6

Am104
11.4

Ac339
10.6

B24469 ~~Spectrum~~
~~11.4~~
B23255 Spectrum

B25538
13.4 ? ~~Spectrum~~

B25684
13.3?

B23184
11.4

B23056
11.4 fg. e

B29029
ns<13.4

B23449
11.4

B23450
11.5 X 5

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1918phae.proj.1175V

Monday, June 10, 1918

Nova Aquilae No. 1

D28668
N<13.4

B23206
11.05

B23365
11.4

B23971
11.5

D23290
11.4

B27707
7.7

B22859
9.0

B23105
11.3

5,00 McGrill

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1918phae.proj.1175V

Tuesday, June 11, 1918

Nova Aquilae No 1

2:30

Am 12392
ns < 13.4

Am 30
11.4 f ?

Am 11957
ns < 12.7

Am 12072
ns < 13.1

Am 12096
ns < 13.1

Am 16
~~AC 4976~~
11.3

AC 4976
t.p.

AC 416
t.p.

AC 5083
ns < 12.0

Am 129
ns < 11.6

~~AC 11759~~
Am 11014
ns < 13.4

Am 12357
ns 13.6

Am 12372
ns < 12.0

J 23290 } Defects in
11.5 } regions of
Variable reject 10.7 p 10.1

Am 53
ns < 11.3

~~J 25538~~
~~11.5 < 12.0~~

J 23253
Spectrum

AC 346
~~t.p.~~ 11.1 very poor
reject ?

B 28477
Cannot find

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1918phae.proj.1175V

Tuesday, June 11, 1918

Nova Aquilae No 1.

B 25394
ms < 12.0?
Defect in region, variable

Dm -533
13.6 f

B 28625
ms < 13.1

Cin 204
11.8 f

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1918phae.proj.1175V

Wednesday June 12, 1918

Nova Aquilae No 1

9:45 Am8408
ns<11.6

Am8533
ns<12.0

Am9518
t.p.

Am9569
ns<11.3

B44076
ns<12.0

B43893
ns<11.6

B39140
ns <12.7

B41988
ns<13.4

B41466
ns<13.4

10:20 B47100
ns < 19.0

B~~46641~~
B51492
ns<12.0

a6012
15.0

a2573
ns? < 14.9

~~a9121~~

~~a9726~~

~~a11414~~

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1918phae.proj.1175v

Wednesday, June 12, 1918

Nova Aquilae No I

2:15 ~~Am~~ H 414
ns < 10.4

AC 7838
ns < 11.7

AC 4655
ns < 12.6

AC 8727
ns < 11.7

~~AC~~ 8732
ns < 12.0

AC 9567
ns < 10.6

~~AC~~ 9955
ns < 11.7

AC 10037
ns < 11.3

AC 10530
wungy um

AM 6172
ns < 11.7

AC 10534
ns < 13.1

AC 11895
ns < 11.0

AC 12471
ns < 10.6

~~Am~~ 16120
ns < 11.7

2:30

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1918phae.proj.1175V

Thursday, June 13, 1918

Nova Aquilae No 1

2:30 MC 1277
ns < 14.9

MC 1995
ns < 14.9

MC 5978
ns < 14.69

MC 6051
ns < 14.6

MC 6011
ns < 14.9

MC 6180
ns < 14.9

MC 13215
ns < 13.6

MC 13473
ns < 14.6

30 c

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1918phae.proj.1175V

Monday, June 17, 1918

064932 nova Sem #2

11:40 D-12442
ns<13.3

D30408
ns<12.8

D30320
ns<11.2

D30308
ns<10.6

D-30264
ns<12.0

D30249
ns<11.7

D26785
ns<12.3

D26070
ns<13.3

D-0193
ns<13.5

D-10173
ns<13.3

D7915
ns<13.8

D5531
ns<12.8

D2930
ns<10.6

D727
ns<12.8

D7060
ns<13.8

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1918phae.proj.1175V

~~Monday~~ Tuesday June 18, 1918

Nova Geminorum No 2

9:15

Am 280
ns < 12.3

AC 127
ns < 11.7

AC 443
ns < 11.2

AC 663
ns < 12.3

AC 5833
ns < 12.8

AC 6174
ns < 12.3

AC 7405
ns < 12.3

AC 9056
ns < 11.7

AC 9166
ns < 12.3

AC 9881
ns < 12.3

AC 10837
ns < 12.3

AC 11443
ns < 12.3

AC 12030
t.p.

AC 12328
ns < 12.8

AC 12695
ns < 12.3

AC 5340
ns < 12.3

AC 3984
ns < 12.8

AC 2328
ns < 12.3

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1918phae.proj.1175V

228252 Nova Lacertae.

1	4.6			
2	5.0	29	12.6	Print D15009 enlarged
3	5.6 (P)	30	12.9	from MC845
4	5.8	31	13.1	Sequence on
5	6.4	32	13.4	MC841
6	7.0	33	13.4	" 5992
7	7.5	34	13.7	I 37000
8	7.7	35	13.9	I 36992.
9	8.0	36	14.3	
10	8.3	37	14.6	
11	8.2	38	14.8	
11a	8.5	39	15.3	
12	8.8			
13	4.0			
14	9.2			
15	9.2			
16	9.5			
17	9.7			
18	9.5			
19	10.1			
20	10.3			
21	10.6			
22	11.0			
23	11.2			
24	11.6			
25	11.7			
26	12.9			
27	12.2			
28	12.3			

note 18 is Double

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Tuesday, June 18, 1918

Nova Lacertae

AC 12178
5.3

AC 12217
6.6

AC 12249
6.9

AC 12264
7.8

AC 12293
ns < 7.0

AC 12457
11.1

AC 12466
11.1

AC 12472
ns < 10.3

AC 12495
11.7

AC 12520
ns < 11.0

AC 12533
ns < 11.0

AC 12541
11.7

AC 12550
11.6

AC 12673
12.0

AC 13177
ns < 12.2

AC 13303
ns < 12.2

AC 13307
ns < 11.7

AC 13324
ns < 12.3

AC 13335
ns < 12.9

AC 13359
l 20

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1918phae.proj.1175V

Tuesday June 18, 1918

Nova Lacertae -

412

AC 13~~38~~1
ns < 12.5

AC 13449
ns < 11.0

AC 13467
ns < 11.7

AC 13604
ns < 12.9

AC 14+33
~~ns < 11.7 11.6?~~
5

AC 17221
12.12?

AC 17168
ns < 17.9

AC 12735
12.3

The following AC plates were examined Nova Lac.

AC 3092
7024
5137
3101
3050
1985
1942
902
8700
8632
5830
5607
5285
15754
10029
9089
16860
16861
1881
17757
396 ns < 11.7
1833
1892 ns < 12.3
3146
AC 3190 ns < 12.9
6709 ns < 12.2
6840 ns < 12.2
1820
~~8717~~ 7857 ns < 12.2

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1918phae.proj.1175V

Tuesday June 18, 1918

Urva Lacertae

8717 ns<12.5	10458
8773	10680
8799 ns<12.3	10709
8827	10718
8837	√ 10738 ns < 11.7
8864	10769
8877	10820
8892	10848
8917	10857
8938	10904
8982	10912
9004	10949
9009	11007
9040	11088
9051 ns<	11110
9058 ns<12.2	11163
9064	√ 11200 ns < 12.3
9075	11210
9077	11252
9096	11231
9628	11243
9703	11274
9765	11350
9806	11712
9827	√ 11811 ns < 12.5
9870 ns<12.3	11820
9938	11830
9989	11871
10098	11879

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1918phae.proj.1175V

Tuesday June 18, 1918

Nova Lacertae -

11907
11942
11961
11988
12038
✓ 12076 ns < 12.2
12085
12122
11290
10890
✓ 9547 ns < 12.9
13627
14049
14211
14224
14254 ns < 12.3
✓ 14268
14315
14389
14396
14431
14517
14529
14533
14620
14655
✓ 15270 ns < 12.7
15411

15431
15444
15499
15564
15893
16131
16530
16655
16683
✓ 16722 ns < 12.2
16725
16799
16830
16962
✓ 17013 ns < 12.2
17188
17557

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1918phae.proj.1175V

Wednesday June 19, 1918

Nova Lacertae.

11:00 gc 5374
ns < 12.9 ← dent. checked A

ac 12326
9.3

ac 12322
9.0 i

ac 12302
8.3

ac 12298
8.8

ac 12294
8.7

ac 12179
6.0 e

ac 12379
ns < 9.5

ac 12391
10.5

ac 12528
11.5 A

ac 12543
ns < 11.7

ac 12546
11.5

ac 12558
11.6

ac 12611
ns < 10.3

ac 12622
ns < 10.6

ac 12663
? < 11.7

ac 12674
ns < 11.0

ac 12703
ns < 11.7

gc 12809
b p

ac 5433

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1918phae.proj.1175V

Wednesday, June 19, 1918

Nova Lacertae.

aD 9419 ✓
ns poor plate

aD 9422 ✓
ns <10.1

aD 9434
5.2

aD 9435 ✓
5.2 defective

aD 9442
4.7

aD 9443
4.8 e

aD 9447
5.2

aD 9448
5.2 i

aD 9449
5.4

aD 9464
5.5

aD 9466 ✓
6.2

aD 9476 ✓
6.0 i

aD 9477 ✓
5.8

aD 9489 ✓
6.4

aD 9490
6.3

aD 9503 ✓
6.6

aD 9571 ✓
~~7.8~~ 7.1

aD 9573 ✓
~~7.8~~ 7.1

aD 9523 ✓
~~7.8~~ 7.2

aD 9535 ✓
9. ~~7.8~~ 7.2

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1918phae.proj.1175V

Wednesday. June 19, 1918

Nova Lacertae

✓ A.D. 95-49
7.8

✓ A.D. 95-76
8.3

✓ A.D. 97-94
ns < 10.1

✓ 37000
7.5 (Bright)

✓ 31044
13.5

✓ 34421
12.8? i ~) Reject doubtful identification

note p 121

✓ 36992
7.2 Br.

✓ 37023
7.6

✓ 37089
9.3

✓ 37103
9.8

105

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1918phae.proj.1175V

Thursday, June 20, 1918

Nova Lacertae

900 ✓ ♀37104 9.6

✓ ♀37103 9.6

✓ ♀37089 9.4

✓ ♀37023 7.6

✓ ♀36992 7.3

✓ ♀34421 ns<13.4 Reject 12.8 as nova difficult to identify and one of fainter comp. stars was mistaken for nova

✓ ♀31044 13.8 f

♀27374 ns<13.4 ✓

♀✓26012 14.0 f

✓ ♀25557 ns<12.9

♀23947 ns<13.9

♀21564 13.8

♀21047 Does not have red region

✓ ♀18950 ♀+0 13.9

✓ ♀~~18678~~

✓ ♀17317 13.5

✓ ♀16272 13.9

✓ ♀13332 ns<13.9

♀11427 14.0 f ✓

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1918phae.proj.1175V

Thursday June 20, 1918

Nova Lacertae

D 11403
ns <11.7

D 9750
ns <11.7

D 9444
ns <13.9

D 9009
ns <13.9

D 9006
? 13.7

~~D 7418~~ wrong region

D 7359
ns <13.7

~~D 6890~~
wrong region

D 6586
ns ? <13.9

D 4488
?

D 4396
wrong region

B 1974
13.5

D 1894
14.0

15.3
Does not cover region

MC 5992
14.0

MC 9013
13.4

MC 5914
14.0

MC 1999
13.5

MC 917
9.2

MC 910
9.3

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Thursday June 20 1918

Nova Lacertae

mc 908
8.8 8.9

mc 902
8.9

mc 899
8.9

mc 893
8.4

mc 889
8.3

mc 881
9.0

mc 875
8.9

mc 867
8.3

mc 859
8.3

mc 857
8.2

mc 846
Bright

mc 845
Bk

mc 841
8.2!

mc 840
Bright

18.30

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Thursday June, 20 1918

Nova Lacertae

11:30 a 6199
ns<13.4

a 992
ns<12.2

a 1661
ns<13.9

ac 12735
12.4 f

ac 12703
ns<12.2

ac 12671
ns<12.2

ac 12673
12.0 f

ac 12558
11.6

ac 12550
11.5

ac 12546
11.5 f

ac 12543
11.7 f

ac 12541
11.4

ac 12533
11.5 f ?

ac 12528
11.4 f ?

ac 12495
11.3

ac 12472
ns? too faint

ac 12466
11.1

ac 12457
10.9

ac 12391
10.2

ac 12379
10.1

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Friday June 21, 1918

Nova Focentaq.

9:45 ac12326 ✓ 9.3

ac12329 ✓ 9.0 f

ac12302 ✓ 8.3

ac12298 ✓ 8.3

ac12294 ✓ 8.3

ac12293 ✓ f?

ac12264 ✓ 7.?6

ac12249 ✓ 7.3

ac12217 ✓ 6.6

ac12179 ✓ 5.?2 ?

ac12178 ✓ 5.0

ac14433 ✓ ns<12.9

ac13604 ✓ ns<13.1

ac13467 ✓ ns<12.?

10:40

ac12541 ✓ 11.6

ac12495 ✓ 11.1 see remark ac12199

ac12379 ✓ 10.2 f

ac12298 ✓ 8.7 see remarks below.

ac12294 Reject 8.7 ~~magnitude~~ wrong magn. read for sheet. 8.3

ac12179 ✓ Reject 6.0 Confusion with star 5 on extreme edge of plate. 5.3 ?

ac12249 ✓ 7?

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Friday, June 21, 1918

Nova Lacertae.

12:00

AD 9549
7.6

AD 9490
6.2

AD 9535
7.3

AD 9523
7.2

AD 9513
7.0

AD 9511
6.8 pg

AD 9509
6.6 pg

AD 9489
6.2 pg

AD 9477
5.7

AD 9476
5.7 5.7 Reject 60 119

AD 9466
5.6 5.7, ~~note~~
Reject 60 119

AD 9464
5.4

AD 9449
5.2

AD 9448
5.3

AD 9447
5.3

AD 9443
5.0 e

AD 9442
4.5

AD 9435
5N

AD 9434
5

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Friday, June 21, 1918

Nova Lacertae

2.45 MC 5992 14.0

MC 840 Br.

MC 841 Br images not comparable

MC 845 Bright

MC 846 Br.

MC 859 8.2

MC 859 8.2

MC 867 8 4

MC 875 8.9

MC 881 8.9

MC 889 8.3

MC 893 8.6

MC 899 8.8

MC 902 9.0

MC 908 8.9

MC 910 8.9

MC 917 9.2

MC 1999 13.4

MC 5914 13.8

MC 9013 13.5

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Friday June 21, 1918

Nova Lacertae

AC 19660
✓ ns < 10.3

AC 19772
✓ ns < 12.2

AC 19391
✓ ns < 12.9

AC 18971
✓ ns < 11.7

AC 19000
✓ L'

AC 17272
✓ ns < 12.9

AC 17848
✓ ns < 12.2

AC 18065
✓ ns < 11.7

3:30

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Tuesday June 25, 1918

Nova Herculanum #1

12:45 ~~Ac~~ 3414
6.8 Br.

✓ Ac 3421
6.9

✓ Ac 3427
7.2

✓ Ac 3429
7.2

✓ Ac 3432
7.4

Ac 3470
7.9 8.1
✓

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1918phae.proj.1176v

025867.

comp clear 9 2 45 69

Acc 3193 ✓

Acc

158 ✓
662 ✓
710 ✓
752 ✓
935 ✓
958 ✓
1084 ✓
1131 ✓
1171 ✓
1756 ✓
1799 ✓
1818 ✓
1877 ✓
1986 ✓
2187 ✓
2273 ✓
2327 ✓
2742 ✓
2810
2877
2899 ✓

Acc

thru A 10537

9h 1m 2.5 -32.0 5.0

-29.5 -32.5

~~10.0~~ ~~13 15~~ ~~10.9~~

thru B 42919

B42967 exam. by J.C.M.

Begin ~~40081~~ ~~040~~ see ledger P. 23

41158
41301
41744
42174
thru 42919

96 2
.967

~~8.5~~ 8.7 - 9.5
-27.0 to -37.0

10062
thru 10537

7772 ✓
7827 ✓
7846 ✓
7887 ✓
7891 ✓
8238 ✓
8689 ✓
8695 ✓
8761 ✓
8817 ✓
8872 ✓
8880 ✓
2303 ✓
2745 ✓
3645
13649 ✓

7115 ✓

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1918phae.proj.1175V

025867.

compelain 9 z 45-69
Ac 3193 ✓

Ac

158 ✓
662 ✓
710 ✓
752 ✓
935 ✓
958 ✓
1084 ✓
1131 ✓
1171 ✓
1756 ✓
1799 ✓
1818 ✓
1877 ✓
1986 ✓
2187 ✓
2273 ✓
2327 ✓
2742 ✓
2810 ✓
2877 ✓
2899 ✓

Ac

3145 ✓
3148 ✓
3163 ✓
3184 ✓
3251 ✓
3256 ✓
3413 ✓
3842 ✓
4003 ✓
4261 ✓
5738 ✓
5934 ✓
6047 ✓
6588 ✓
6593 ✓
6676
6686 ✓
6774 ✓
6809 ✓
6962 ✓
6982 ✓
7115 ✓

7772 ✓
7827 ✓
7846 ✓
7887
7891 ✓
8238 ✓
8689 ✓
8695 ✓
8761 ✓
8817 ✓
8872 ✓
9880 ✓
12303 ✓
12745 ✓
13645
13649 ✓

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