

KG

11366
206Ida E. Woods
Book 30

Examination of Milky Way Regions

19h^m 5 - 3°

KG11346 206

19952 best

Harvard College Observatory

Ida E. Woods

Book No. 30.

Special Examination of MC Plates

Milky Way Region

KG 11366.206



8

ft. stars 19952, 21002

Milky Way Region $19^h 5^m - 3^\circ$

Available MC Plates.

New
Vars. Conf. 30
page

-	23, 11	MC 19934	August 6, 1923	90^m	
Contact?	8	19952	August 13, 1923	80	
-	10	19959	August 15, 1923	60	Poor plate for comp.
-		20750	May 3, 1924	75	Black
-		20768	May 31, 1924	60	Black - Comp. with good late plate.
-	10	20895	July 27, 1924	75	
21	12	20965	August 29, 1924	90	
?	18	20974	" 31, "	70	
		20977	~~September 4, "~~	90	Identifies at $+2.3$
-	21	20982	September 6, "	65	
	23	20991	" 18, "	91	with grating
enlarge?		20994	" 19, "	42	with grating
22		21002	" 25,	82	rather dark but exact
Contact? 22, 23		21006	" 26,	90	very ft. stars seen.

this Oct.

T

24	21480	May 27-28, 1925		
Do not exan. use for proof only	21518	July 8-9, "	29	Glass, Short Exp. Broken, Mended on
26	21519	July 9-10, "	66	
24	21520	" 11-12, "	90	
27	21528	" 18-19, "	80	
28	21533	" 23-24, "	90	
28	21568	August 24-25	90	
	21657	October 19-20	41	
	21660	" 20-21	92 ⁴	

MF Plates Compare, perhaps, with B23365⁹

19 7 -3.5¹⁹²⁴ 8^h 1^m
 MF 8807 Sept. 16 60
 8808 " 16 60
 8809 " 16 60
 8810 " 18 60
 8816 " 22 60
 8821 " 23 60
 8825 " 24 60
 8831 " 25 61
 8837 " 26 60
 8843 " 27 60
 8849
 8850 October 15 60
 8854 " 16 60
 8861 " 18 60
 8873 " 22 60
 8880 " 23 60
 8893 " 24 60
 9153
 9163
 9181
 9202
 9217
 9274
 9292
 9301
 9359
 9384
 9401
 9413

Continued, page 30.

Thursday, August 28, 1924.
 mW Region 19^h 5^m - 30

MC 19952 selected for D plate

19952

19959

19959 superposed

19959 does not show ft. stars

Would be impossible to find small variation
 No objects found.

Comparing

19952

20895

20895 superposed

20895 — portion of pl. out of focus

Br. neb. marked on 20895

Tuesday, September 9, 1924.

11

19952

19934

19934 superposed

- 1 Ft. Neb. near north edge of both plates.
- 2 Ft. Round Neb. near Center of both pl.
- 3 Very ft. neb. or ft. stars together — near South edge of both plates.

12

Thursday, September 11, 1924.

MW 19.1 - 3

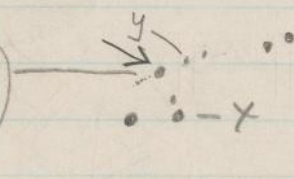
mc 19952

mc 20965

20965

18 526-1.8 New Var.
(1855)

M.B.
new ft.
stars?



marked on 20965 19934

Br. = much brighter than x

Th. = fainter than y

Position measured, ~~Obs. 29, p. 34.~~

Known.

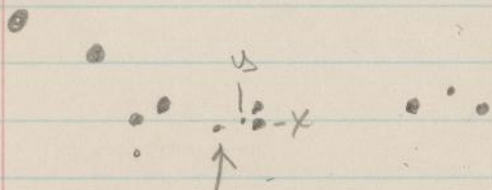
→ → → See Obs., M.E.O., 2, p. 136
This is V X Aquilae, found by Miss O'Reilly,
announced H.C. 201. Marked by her
on mc 5603

18 54.9 -142 (1900)

A 2580 Th. or
Br. 20965 NS 19952
20750 19934
20768
(this had not been
exam. to date.)

20895
Var should have been
found on 20895

MC19952-20965 Cont.

19 6.0 - 2.5 New Var.
(1855)

marked on 19934 & 20965

Br. = nearly as bright as x. Very ft. at Max.
Ft. = fainter than y

Position meas. Bk. 29, p. 36

Seen but not at Max.

A 4721

A 7517

Meas. A 7721 or MC

Br. 19952	NS or
19934	Ft. 20965
19959	Very ft. 20750
Probably seen	20768
	20895
	Too poor

A 10136 NS

A 10117 N.S.

Very ft. A 7508

N.S. 7505

By comp. with MC19946 (19.4 - 8)

15.2 on 19952

[16.5 on 20965

S.
S.
Long
expt.
plates

Monday, September 22, 1924

19.1 - 3

mc 19952

20974

20974 superposed

New Var. ?

Slight, if any, change.

∴ ←
∴
∴

Be. 20974

- 20965

Fk. all other
plates
to date

Watch on other plates

19952 - 20944
 new Var.?

Br. 20974

20750

20768

(already marked)

2.S.
 Th.

19952
 19959

✓ Same as page 12

Th. Nebula on both plates

Th. Nebula on both plates

Tuesday, September 23, 1924.

21

19.1-3

mc19952

20982

20982 superposed

20982 not very good plate, black.

trailed bright images. Faint stars are very good

No objects found.

22

Thursday, October 2, 1924.

19.1 - 3

MC 19952

21002

21002 superposed

21002, black, but excellent for ft. stars

No new objects

MC 19952

21006

21006 superposed

No objects

Friday, November 7, 1924.

19.1 - 30

MC 19934

21006

19934 superposed.
Both plates rather dark.
Th. neb.

MC 20991 Grating

21006

2 ? superposed

Th. neb.

Comp. of MD plates

MD 19952

21002

21002 superposed

No objects

24

Saturday, July 25, 1925.

19.2-2.5

MC 19952

21480

May 27-28, 1925

21480 Superposed

21519 &

21520

are better

No objects

than 19952.

Show ft. stars

and are

MC 19952

rather black,

21520, July 11-12, 1925, Exp. 90^m

so 19952

21520 Superposed

does not

show

through

very well.

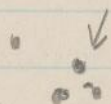
*Compare this

with best

plate of all

again later.

See —



Br. 21520

21519

N.S. or very Fk

19952

This is V X Aquilae, see page 12.

Ask about double date

25

new? Var. ?

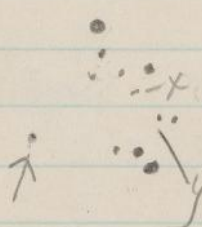
Var -

(1855)

Br. 21520

Ft. 19952

18 54 -2.8


 Very small range on these plates,
 but seems surely to change.

Br. = trifle br. than x

Br. 21519

Ft. 5763

Ft. = fainter than y

21518

21006

21528

21520

Several hazy objects. Are these ft. Nebulae?

July 25, 1925

19952

21519 July 9-10, 1925, Exp. 66^m

21519 Superposed

No new objects

Thursday, September 10, 1925

27

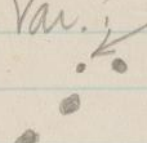
19952

21528

21528 superseded

21528 quite black

Neb. 19 11.0 - 1.9 (1855)

Var. ?


Seems slightly brighter on 21528

19 7.4 - 3.6 (1855)

Friday, September 11, 1925.

19.1 - 3

19952

21533

Very faint but large Nebula on all
plates exam.

19 7.0 - 3.0 (1855)

19.1 - 3

19952

21568

21568 superposed

21568 black

Too black to compare by
superposition. Use for
verification.

~~September 11, 1925,~~
Friday, November 20, 1925

19.1-3

MF88⁵⁰~~04~~

8861

8850 superseded.

Watch objects marked as Nebulae

Continued from page 9.

MF 9429
9446
9464
9480
9496
9537
9538
9539

Wednesday, December 2, 1925.

Comparisons of MF Plates

For dates, etc., see preceding pages.

MF 8837

8854

8854 superposed

✓ Var. rather large range

Be 8854 Ph. 8837

18 55.4 - 7.4 (1855)

VY Aquilae

Kumm 18 58.0 - 7 18 (1900) Wolf

