

Object Name: M1
Constellation: Tau
R.A./Dec: _____

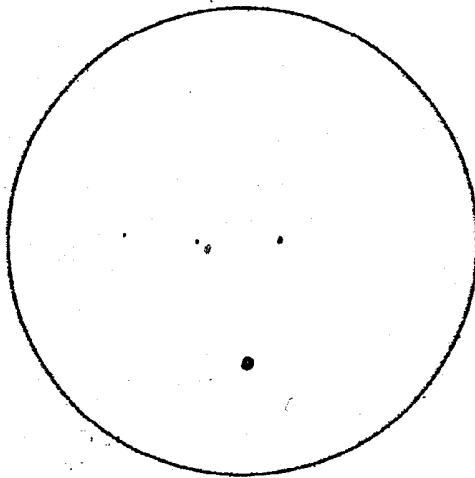
OBSERVATION LOG

Name: B7
Date: 9/20/3
Time: 12:01 CDT
Site: RMCC

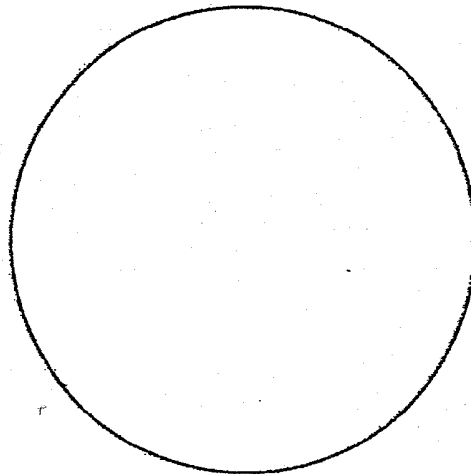
Instrument: 10X50
Power: 10X
Seeing (1-10): 10
Transparency (1-5): 5

FIELD DRAWING

Low Power



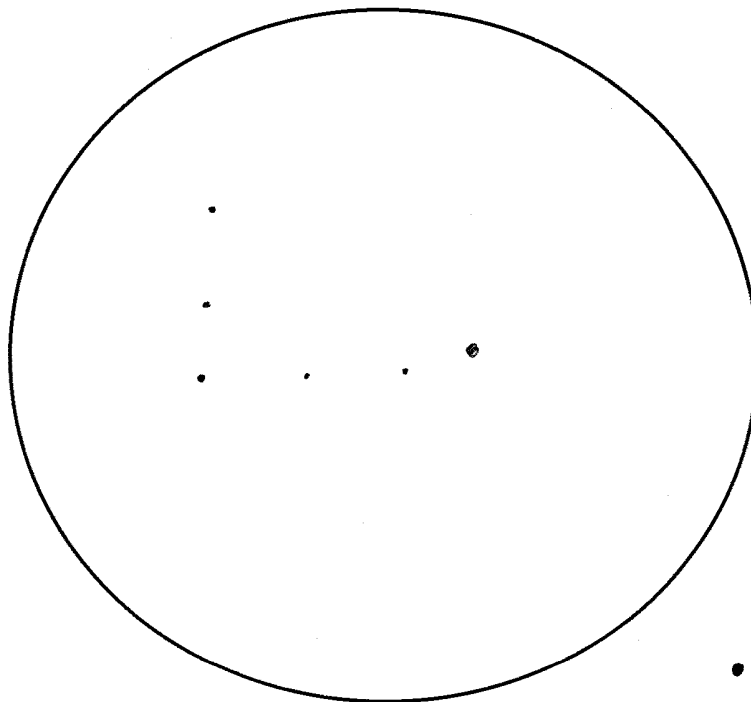
High Power



DESCRIPTION

Wow! Just the little spot of glow. Very nice.

DATE 7/20/3 TIME 12:07 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT N2 LOCATION RMCO HOME _____



• β hr

Very easy to get to - rather small but seen well

@RMCC

DATE 7/19/3 TIME 9:45 CST CDT CLARITY I II III IV V SEEING I II III IV V

INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X

OBJECT M3 LOCATION RMCC HOME

Boo

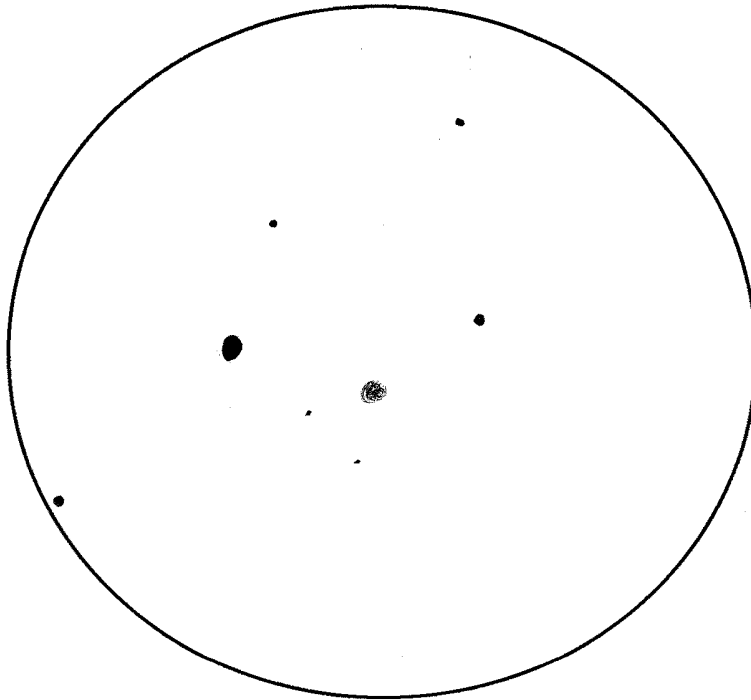
*α

OBVIOUSLY A GLOBULAR - VERY EASY

DATE 7/19/3 TIME 11:15 CST (DT) CLARITY I II (III) IV V SEEING I II (III) IV V

INSTRUMENT ETX-125 (10x50) EYE POWER (10X) 73X 153X 475X

OBJECT MY LOCATION (RMCC) HOME

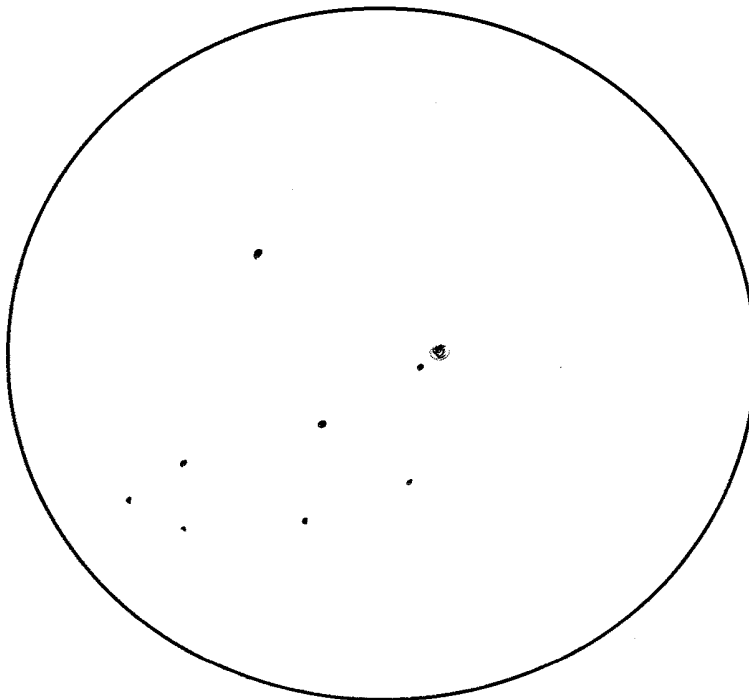


Very obvious glow - no res yet at 10x

DATE 7/19/3 TIME 11:20 CST CDI CLARITY I II III IV V SEEING I II III IV V

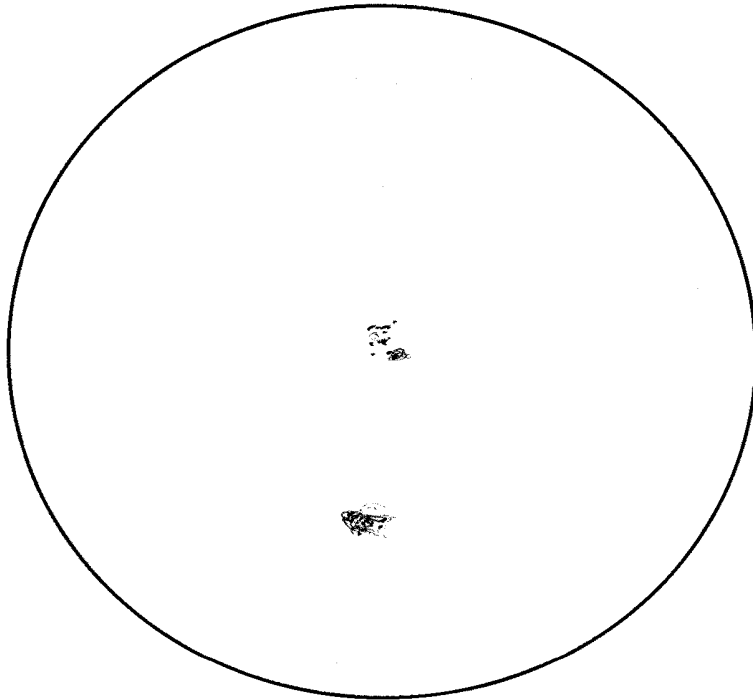
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X

OBJECT ms LOCATION RMCC HOME _____



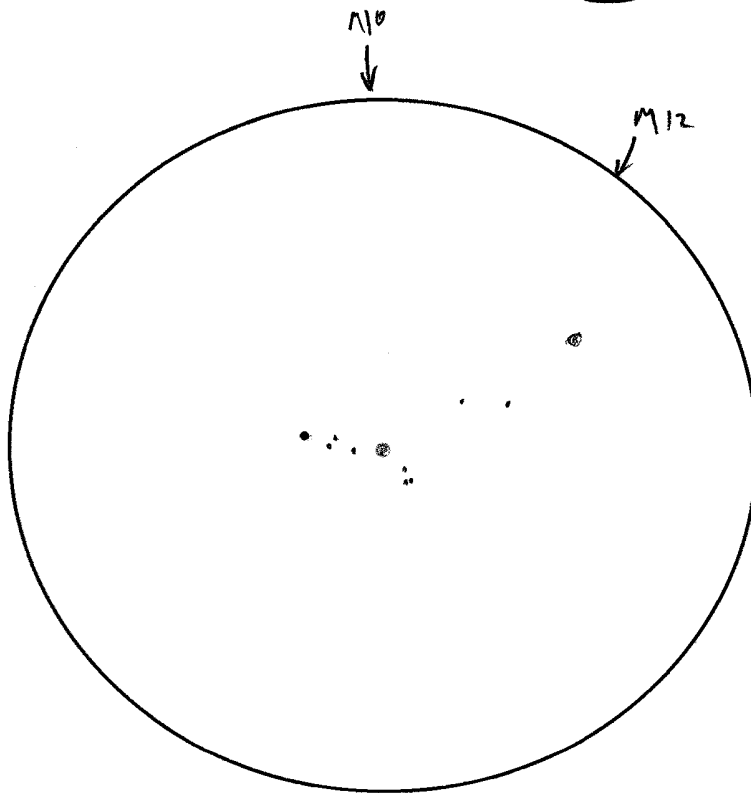
Easy - little fuzzy globular

DATE 7/19/3 TIME 11:58 CST CDT CLARITY I 0 II IV V SEEING I 0 II IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M8 + M20 + M21 LOCATION RMCC HOME _____



Again - field is rich & cannot draw it! shown
as they stand out against best part of
the sky

DATE 7/19/3 TIME 11:18 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M10 + M12 LOCATION RMCO HOME _____



another binoc satellite

11:19 (onish) across "belt" of opn

↑ = 11:15 pm

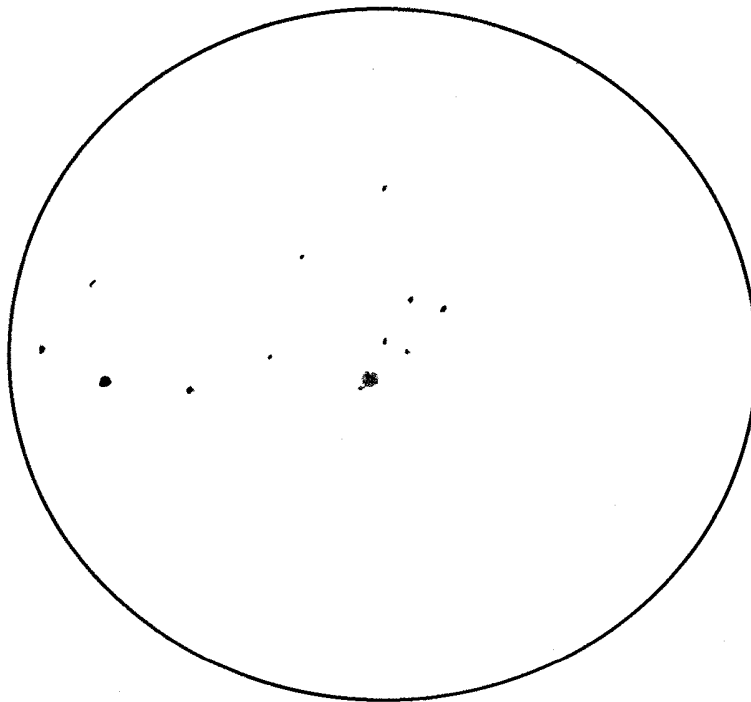
Both obvious & easy to see

in one field - not res'd at all though

DATE 7/10/3 TIME 12:00 CST CDT CLARITY I II III IV V SEEING I II III IV V

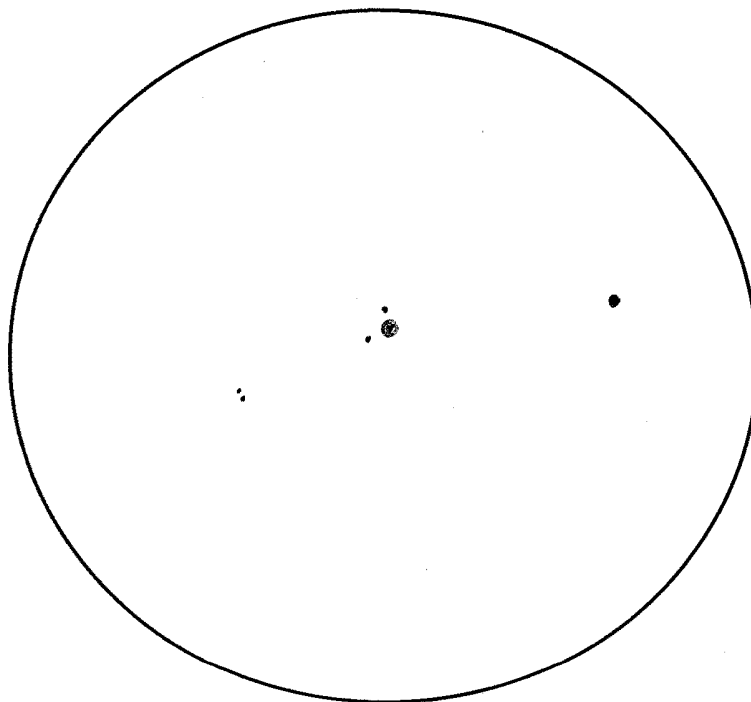
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X

OBJECT M11 LOCATION RMCC HOME _____



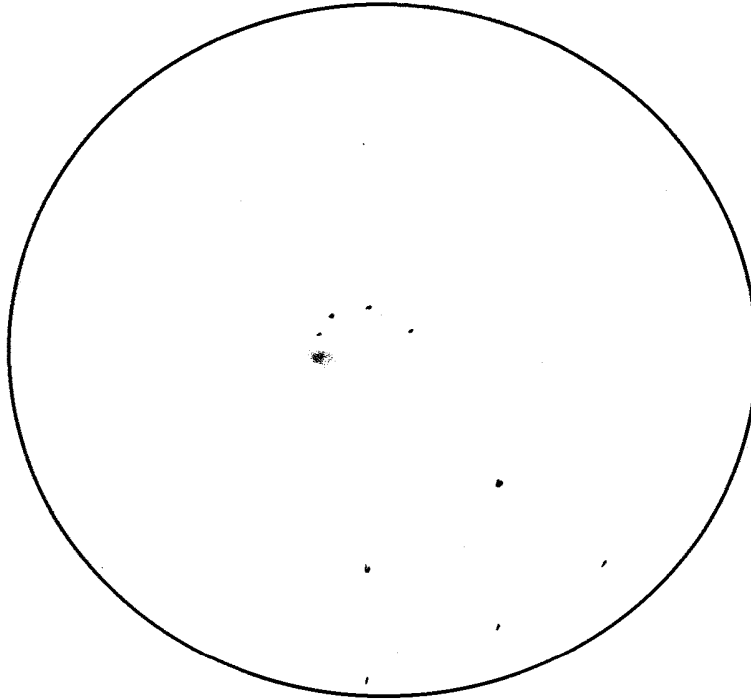
shapeless glow - much better in telescope
but easily seen here.

DATE 7/20/03 TIME 2105 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M13 LOCATION RMCC HOME _____



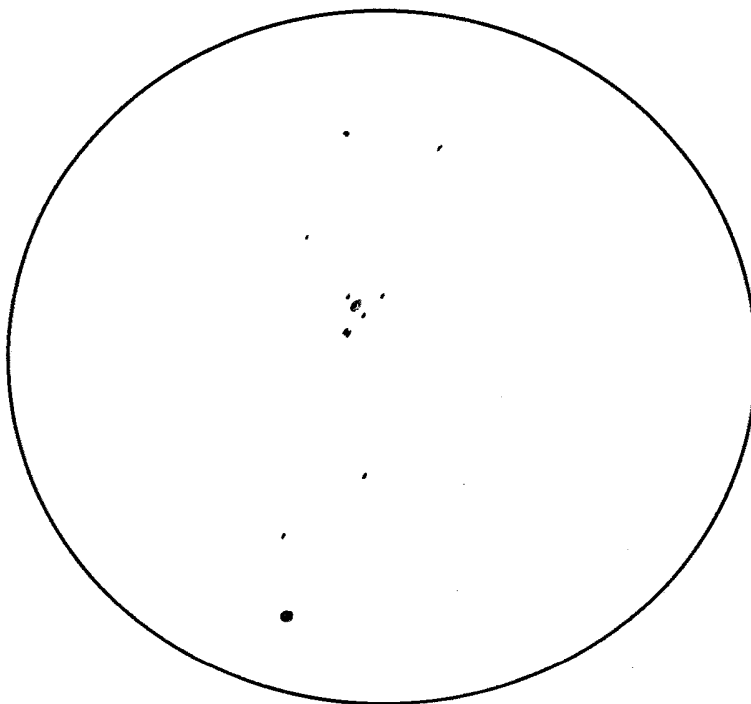
Nearly ach'd - ran right to it w/ b's
Bright glow - no res.

DATE 7/22/3 TIME 10:06 CST CDT CLARITY I III IV V SEEING I III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M14 LOCATION RMSC HOME



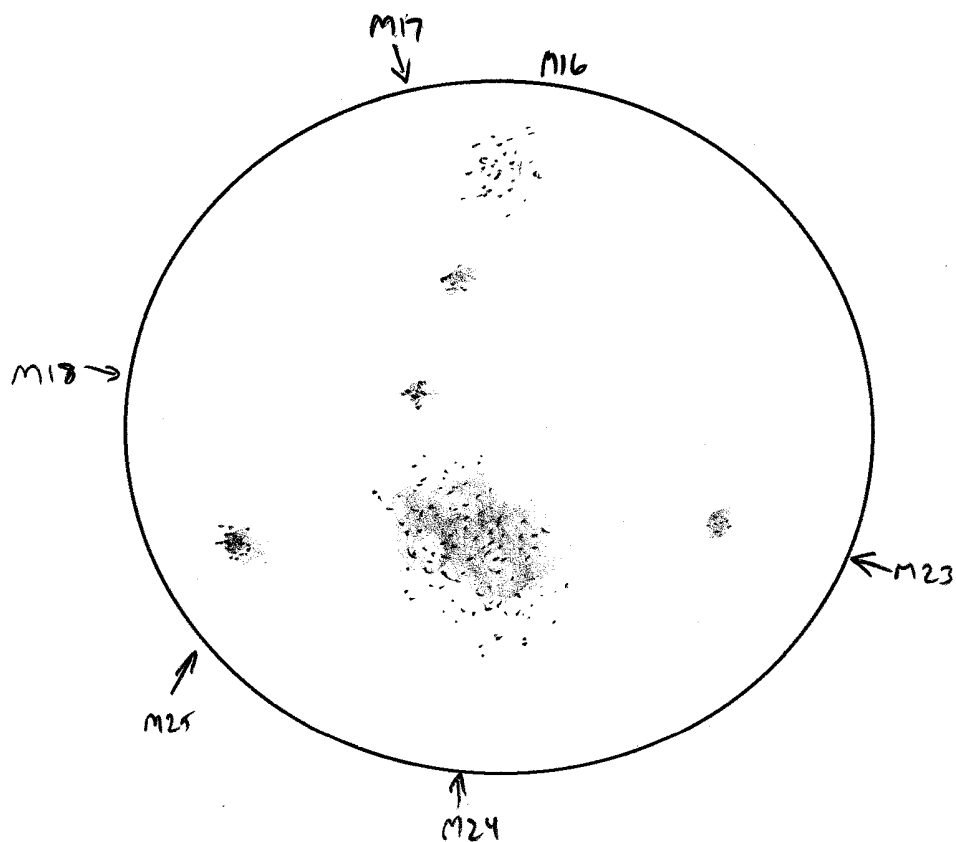
Not real easy - obviously a glob.

DATE 7/20/13 TIME 21:10 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M15 LOCATION RMCO HOME _____



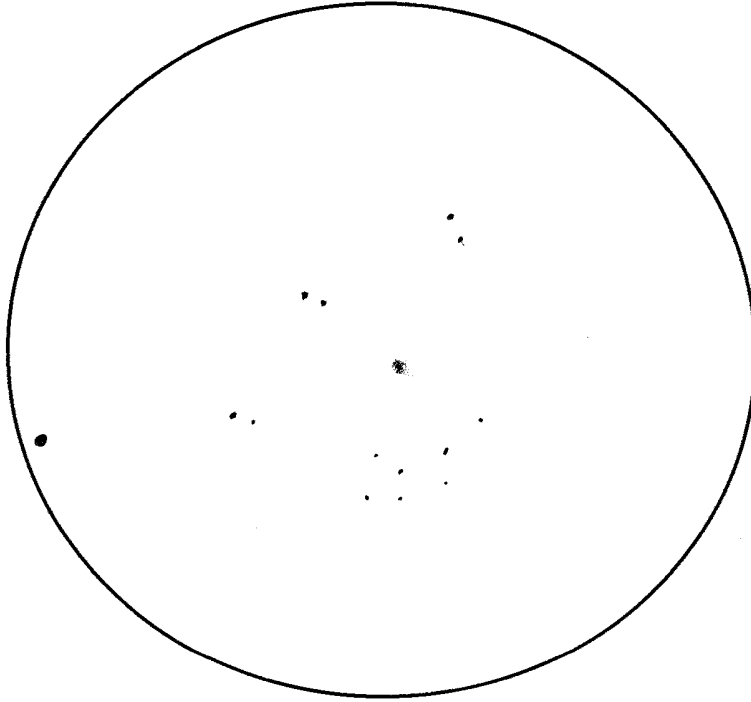
Also seen easily - small glow easily found NW
of e Peg.

DATE 7/20/5 TIME 12:13 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT _____ LOCATION RMCO HOME _____



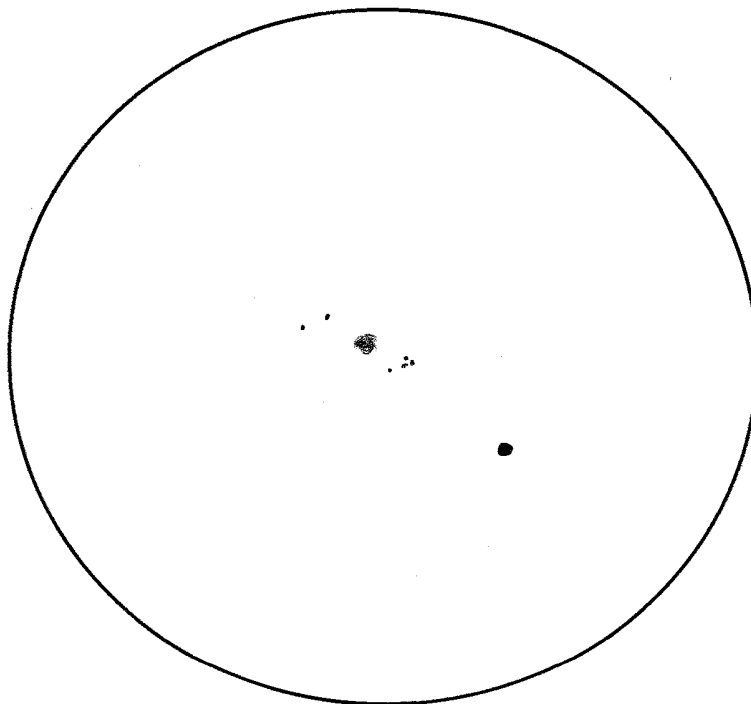
Greatest field of all - unbelievable area

DATE 7/24/77 TIME 10:00 CST CDT CLARITY I II III IV V SEEING II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M19 LOCATION RMCC HOME _____



Easy steps of gazelle to NE & "Legs" asterism to S

DATE 7/19/3 TIME 11:55 CST CD CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M22 LOCATION RMCO HOME _____

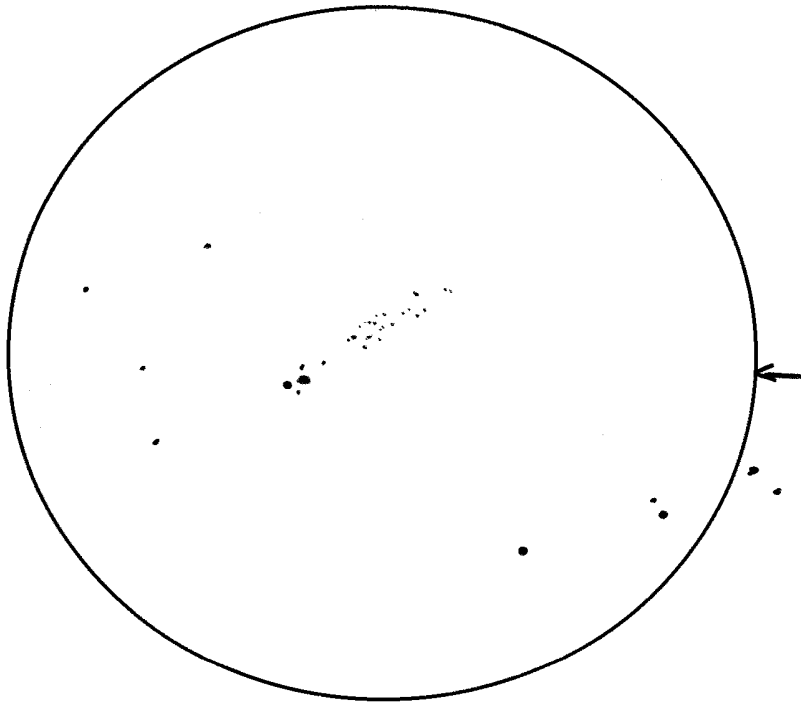


Seems a little elliptical even @ 10x - M43
a memory of its high power look? Wonderful
even glow.

DATE 7/20/5 TIME 12:17 CST CDT CLARITY I II III IV V SEEING I II III IV V

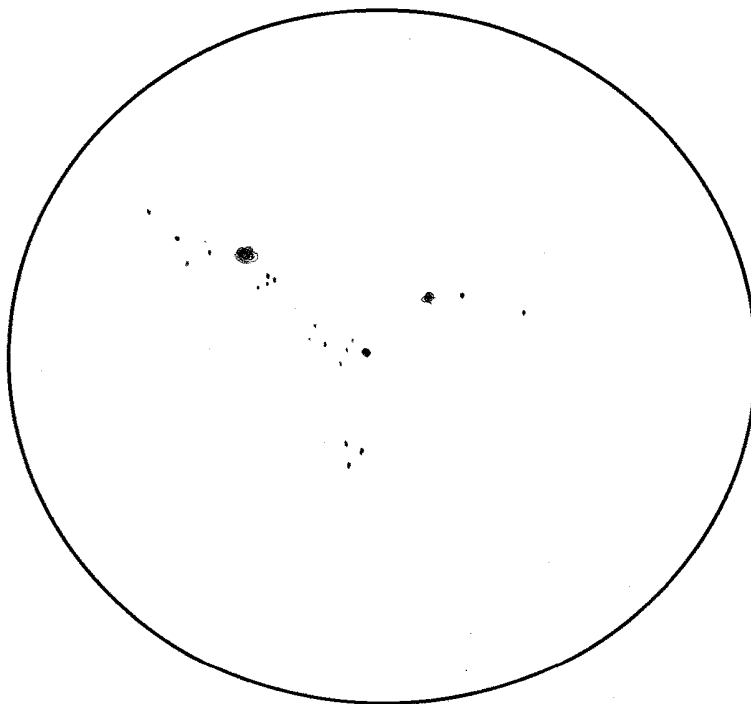
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X

OBJECT M27 LOCATION RMCC HOME _____



Very bright & bar shaped. Great field to
west - very rich. Surprisingly easy & neat at 10x

DATE 7/22/3 TIME 11:20 CST CDT CLARITY I II III IV V SEEING I B III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M22+M28 LOCATION RMCC HOME _____

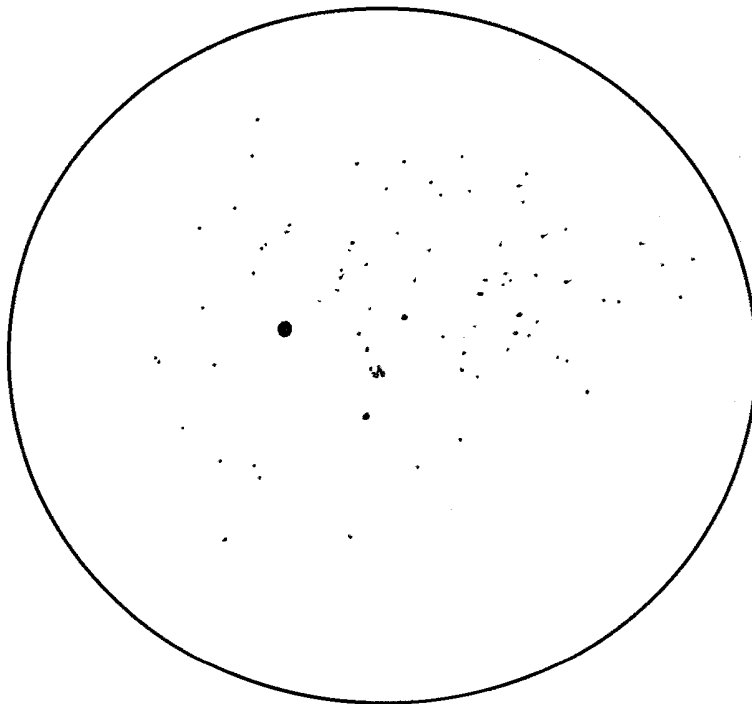


M22 gray, M28 just true ball

DATE 7/20/3 TIME 2121 CST CDT CLARITY I II III IV V SEEING I II III IV V

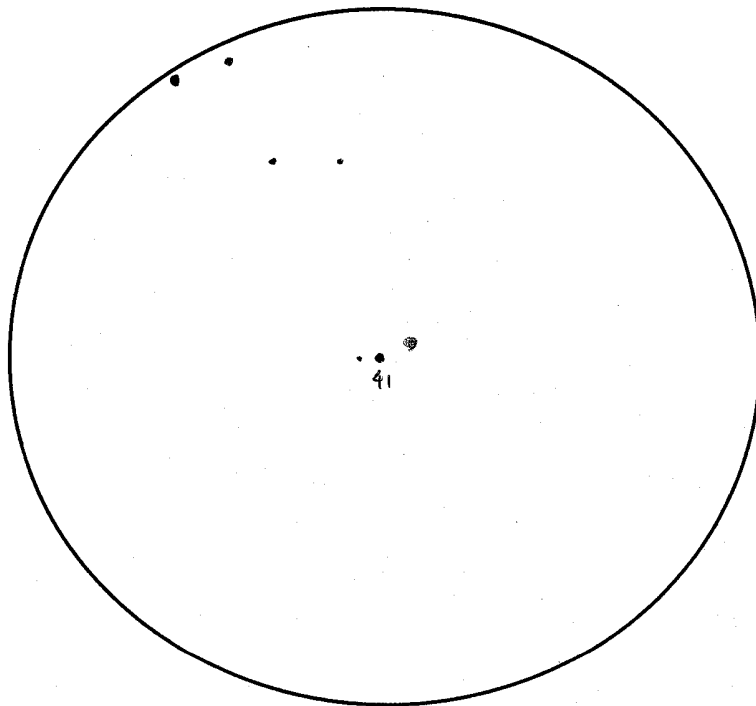
INSTRUMENT ETX-125 10x50 EYE POWER 0X 73X 153X 475X

OBJECT M29 LOCATION RMCO HOME _____



Easily seen near PCyg in very rich field.
Very small & bright knot of 8m+ stars

DATE 8/16/3 TIME 10:00 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M30 LOCATION RMCC HOME _____



Not hard - just W of 41 Cap - nice little
fuzz ball.

DATE 7/23/3 TIME 1115 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M31 LOCATION RMCC HOME _____



ALWAYS AMAZING- PROBABLY SAW M32 & M110

ALSO BUT FORGOT TO DRAW

Object Name: M31/M32/M110
Constellation: AND
R.A./Dec: _____

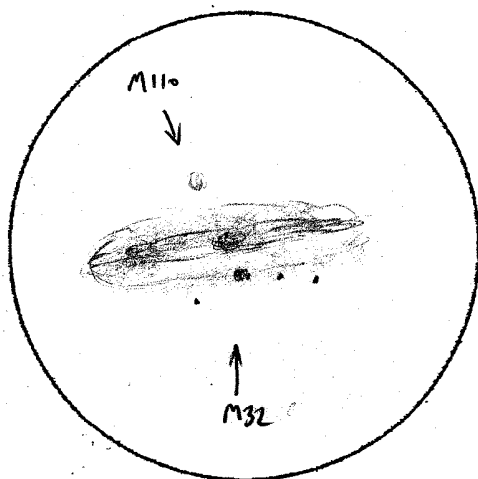
OBSERVATION LOG

Name: BY
Date: 9/19/13
Time: 11:20 CDT
Site: WCC

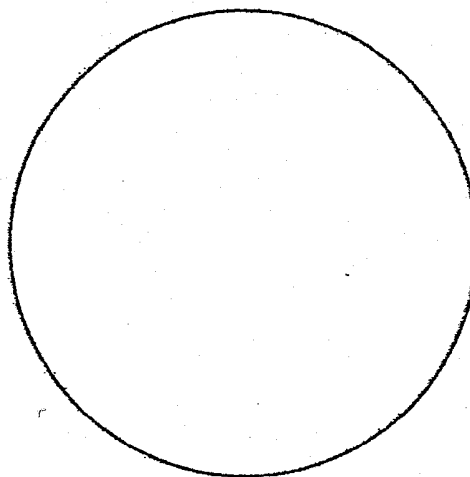
Instrument: 10x50
Power: 10
Seeing (1-10): 8
Transparency (1-5): 5

FIELD DRAWING

Low Power



High Power



DESCRIPTION

All 3 seen - very nice view!
Why Bn't M110 on list - did I see
something I supposedly "can't"?

Object Name: M33
Constellation: Tr
R.A./Dec: _____

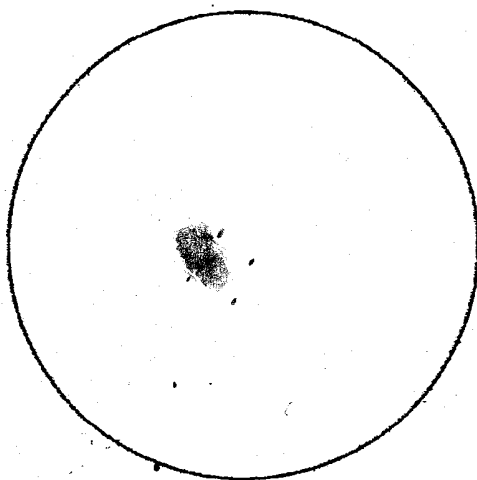
OBSERVATION LOG

Name: B7
Date: 9/19/13
Time: 11:20 CDT
Site: RMCC

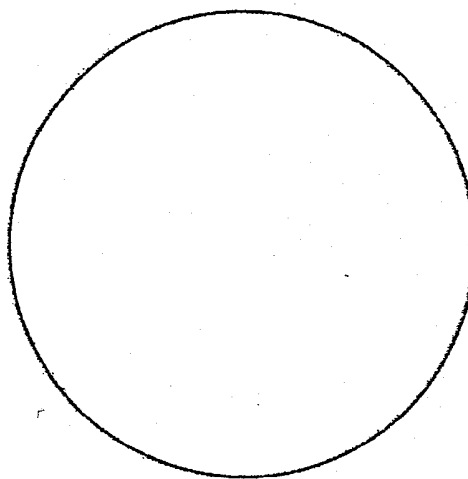
Instrument: 10x50
Power: 10
Seeing (1-10): 8
Transparency (1-5): 5

FIELD DRAWING

Low Power



High Power



DESCRIPTION

Very easy - more pleasing in some ways than 47x
view in telescope just seen

Object Name: M35
Constellation: GCM
R.A./Dec: _____

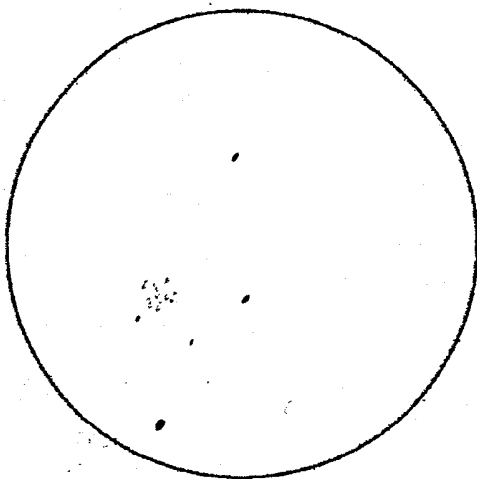
OBSERVATION LOG

Name: BY
Date: 9/20/3
Time: 12:55 CST
Site: RMCC

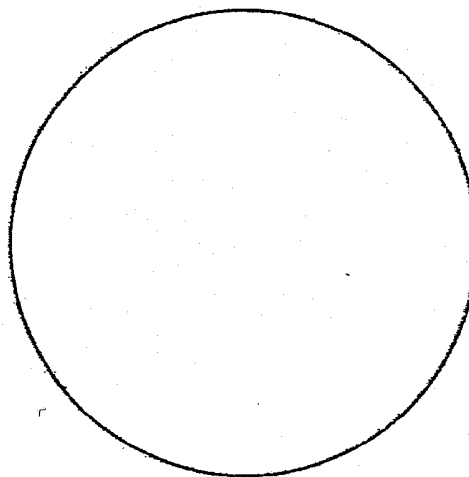
Instrument: 10X50
Power: 10X
Seeing (1-10): 10
Transparency (1-5): 5

FIELD DRAWING

Low Power



High Power



DESCRIPTION

So clear I can get M35 @ 8° elevation! Wow!

Object Name: M36

Constellation: Aur

R.A./Dec: _____

OBSERVATION LOG

Name: BY

Date: 9/19/3

Time: 11:57 PM

Site: Amce

Instrument: 10x50

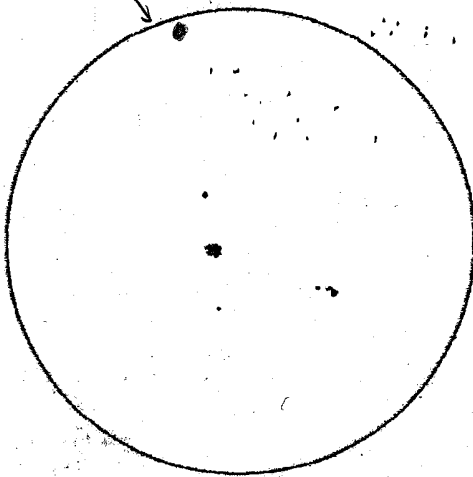
Power: 10

Seeing (1-10): 9

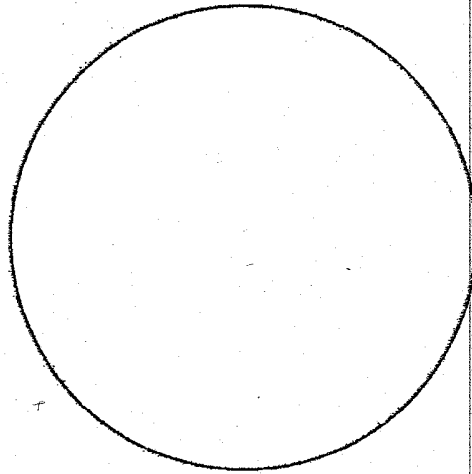
Transparency (1-5): 5

FIELD DRAWING

M36 Low Power



High Power



DESCRIPTION

Very easy - looks like a globular w/ some hint
of res. M36 actually in same field

Object Name: M37
Constellation: _____
R.A./Dec: _____

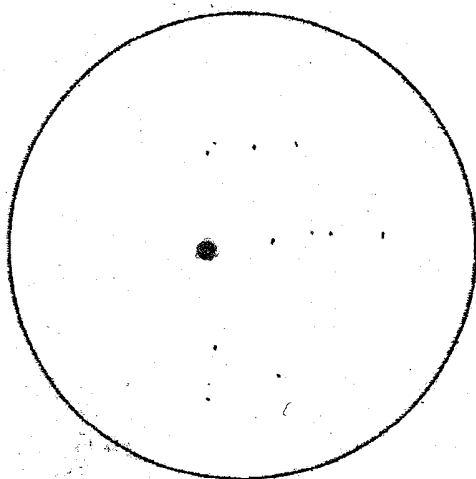
OBSERVATION LOG

Name: BY
Date: 9/19/3
Time: 11:59 CDT
Site: AMCC

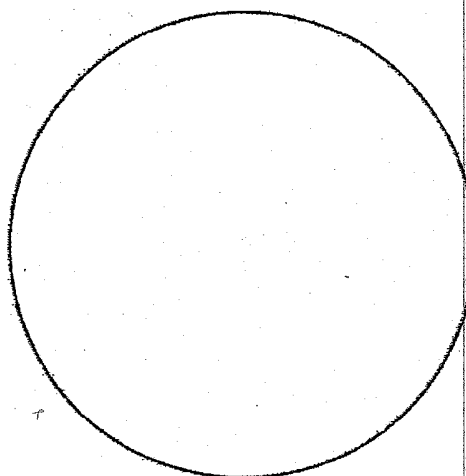
Instrument: 10x50
Power: 10X
Seeing (1-10): 9
Transparency (1-5): 5

FIELD DRAWING

Low Power



High Power



DESCRIPTION

Very lovely glow - no res. M36 just out of field
to NW.

Object Name: M38
Constellation: Am
R.A./Dec: _____

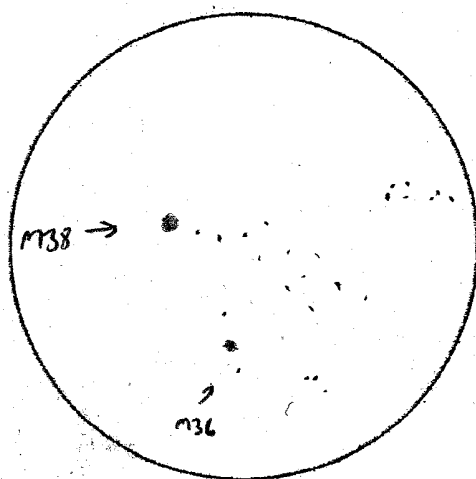
OBSERVATION LOG

Name: B1
Date: 9/19/5
Time: 11:55 CDT
Site: RNCC

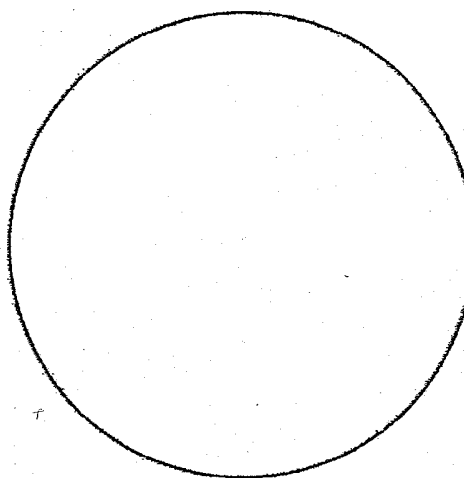
Instrument: 10x50
Power: 10
Seeing (1-10): 8
Transparency (1-5): 5

FIELD DRAWING

Low Power



High Power



DESCRIPTION

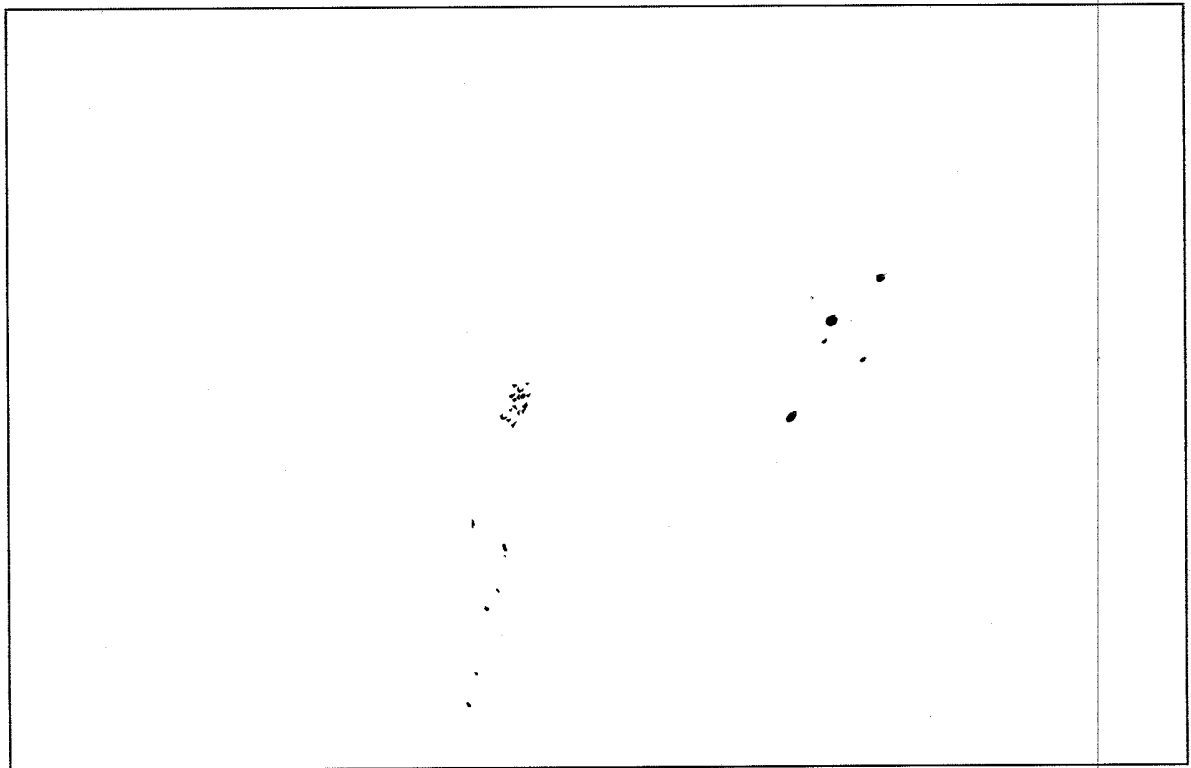
Very easy - just glow w/ some hint of resolution at
edges M36 actually in same field

DATE 11/02 TIME 9:00 CST CDT CLARITY I II III IV V SEEING I II III IV V

INSTRUMENT (125mm) (100x)
114mm 10x50 POWER 36X 72X 108X 144X 216X 228X

OBJECT M39 DESCRIPTION _____

in finder - 732 too wide

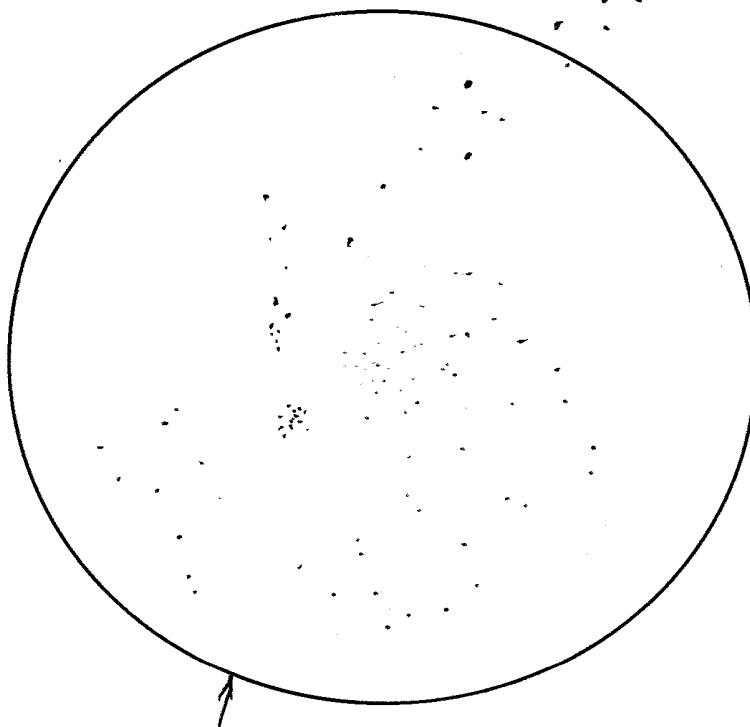


DATE 7/20/2 TIME 12:23 CST CDT CLARITY I II III IV V SEEING III IV V

INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X

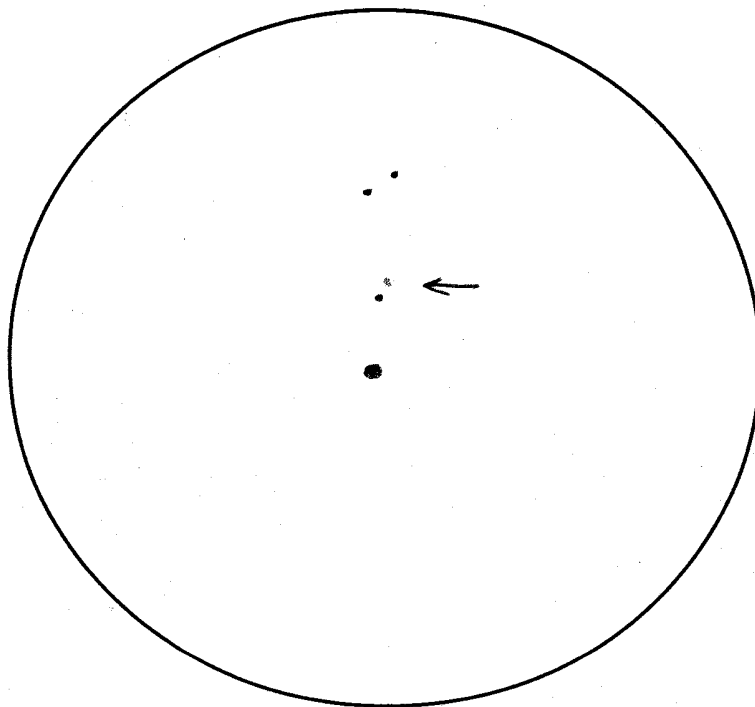
OBJECT M39 LOCATION RMCC HOME

• xcyg



Easily seen very bright cluster in phenomenal
area.

DATE 8/16/3 TIME 10:05 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M40 LOCATION RMCC HOME _____



Just a hint of glow NE of 5m (70 um) - looks like
an unresolved double star.

Observing Log

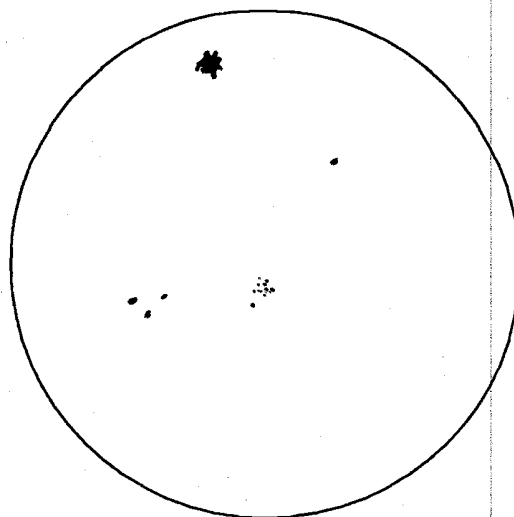
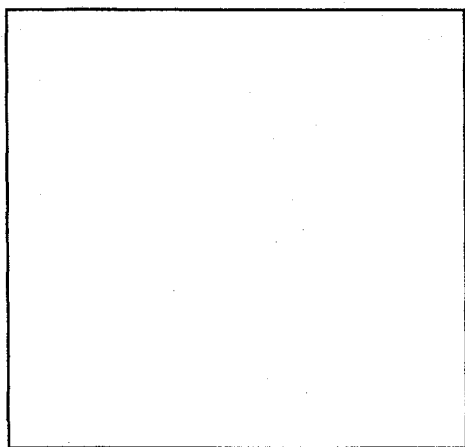
Object:	M41	Date:	9/24/3	UTC/civil
Right Ascension:	6h 30	Time:	6:05 am	UTC/std/ds
Declination:	-20	Seeing:	Transparency:	3 of 6
Constellation:	CMa	Steadiness:	7 of 10	
Magnitude:		Temperature:	60 °F	
Size:		Telescope:	10x50 b's	
		Eyepiece/Magnification:	10x	
		Filters:	—	

Notes: Resolved maybe 8-10 stars in nice clump S of Sirius - great view even at ~20° elevation.

Finder Chart:

Field Size:

70



Observer: B7

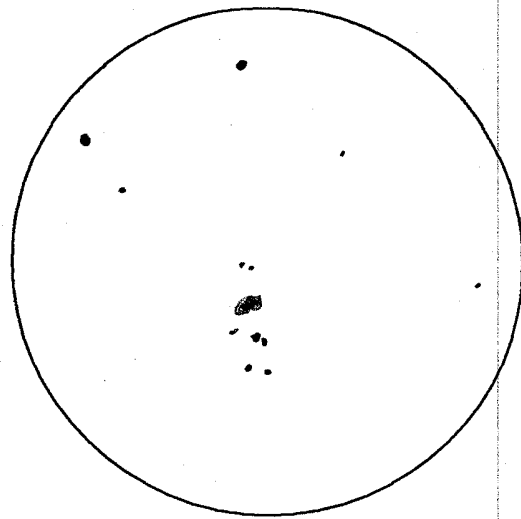
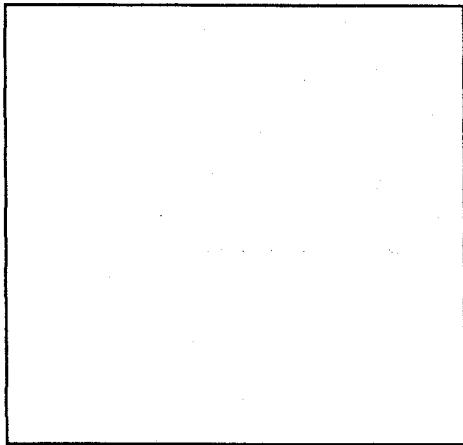
Observing Log

Object:	M42	Date:	9/24/3	UTC/civil
Right Ascension:	5h 30	Time:	6:00	UTC/std/ds
Declination:	-8	Seeing:	Transparency:	3 of 6
Constellation:	Orl		Steadiness:	7 of 10
Magnitude:		Temperature:	60 °F	
Size:		Telescope:	10x50 b.s	
		Eyepiece/Magnification:	10x	
		Filters:	—	

Notes: Obvious glow surrounding what looks like a close double @ 10x - wonderful object that just hints @ the real stunner it will be in telescope

Finder Chart:

Field Size: 7°



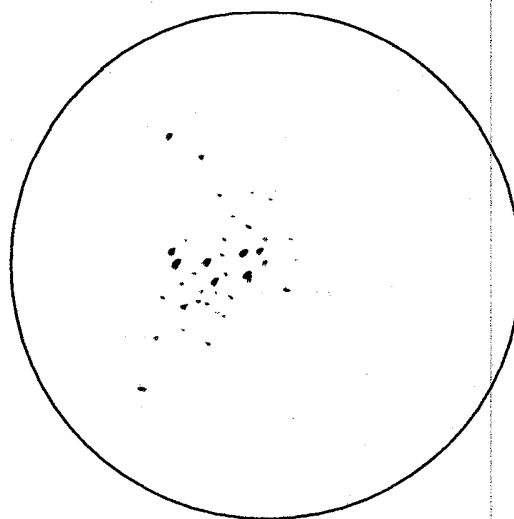
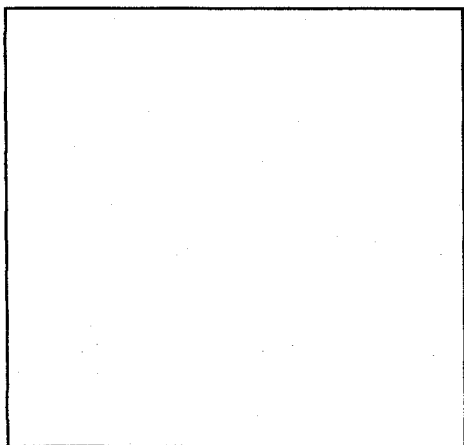
Observer: B7

Observing Log

Object:	M45	Date:	9/24/3	UTC/ civil
Right Ascension:	3h30	Time:	5:55	UTC/std/ ds
Declination:	+25	Seeing: Transparency:	7.6	
Constellation:	Tau	Steadiness:	7 of 10	
Magnitude:		Temperature:	60	
Size:		Telescope:	10x50's	
		Eyepiece/Magnification:	10x	
		Filters:	—	

Notes: Lovely as always - wonderful peppering along w/min 8.

Finder Chart: _____ Field Size: 70



Observer: B7

Observing Log

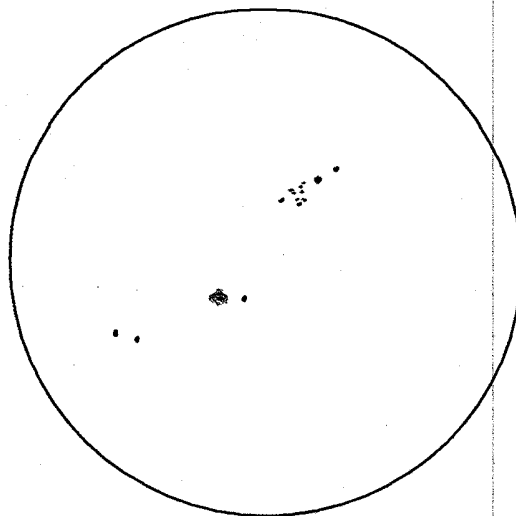
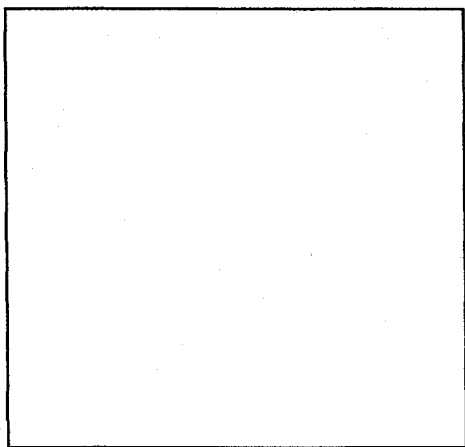
Object:	M47+M46	Date:	9/24/3	UTC/civil
Right Ascension:	8h	Time:	6:10	UTC/std
Declination:	-10°	Seeing:	Transparency:	3 of 6
Constellation:	CMa	Steadiness:	7 of 10	
Magnitude:		Temperature:	60°F	
Size:		Telescope:	10x50	6.5
		Eyepiece/Magnification:	10x	
		Filters:	—	

Notes: M47 very easy near 3 field stars - well resolved rather round - about 10 stars counted.

M46 much harder though drawn a bit dark - faint glow - no resolution - actually about the same size as M47 but much more a glow - also only 15° up w/ twilight beginning

Finder Chart:

Field Size: 70



Observer: B7

Observing Log

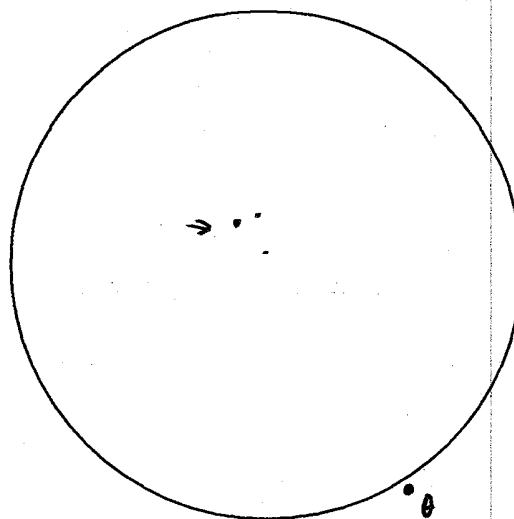
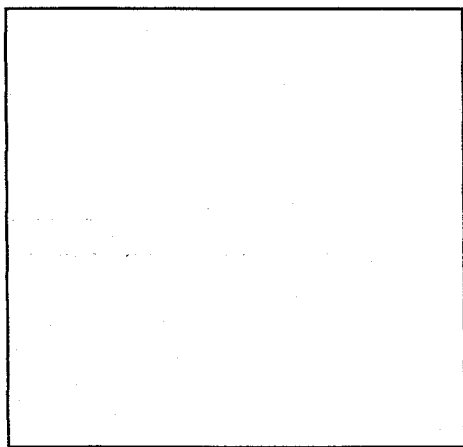
Object:	M50	Date:	9/24/3	UTC/civil
Right Ascension:	7h	Time:	6:15 am	UTC/std/ds
Declination:	-5°	Seeing:	Transparency:	30th
Constellation:	MON	Steadiness:	70/10	
Magnitude:		Temperature:	60°F	
Size:		Telescope:	10x50 3's	
		Eyepiece/Magnification:	10x	
		Filters:	—	

Notes: Extremely faint small glow near 2 stars
 No resolution - right or both eye a.v. needed. Low (20-25%)
 and twilight deepening.

Finder Chart:

Field Size:

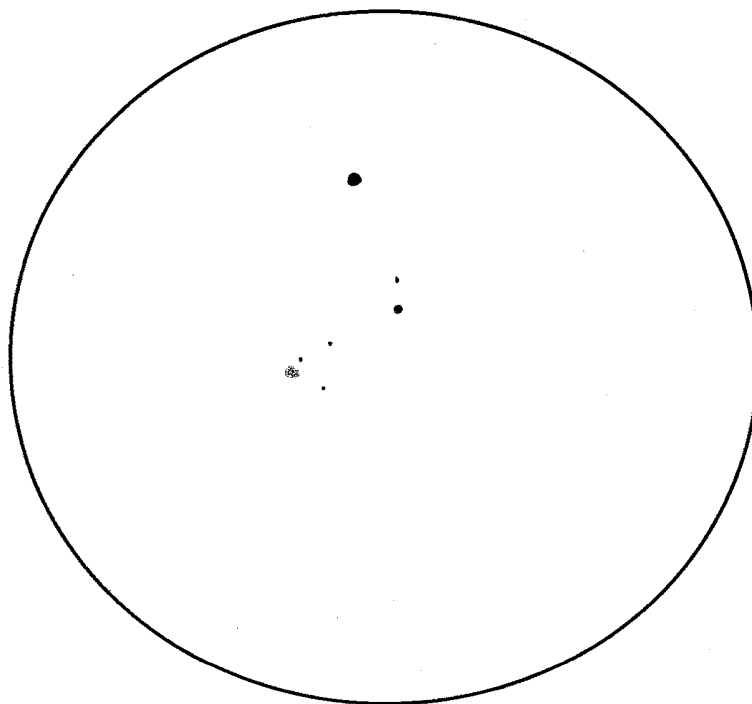
7°



Observer:

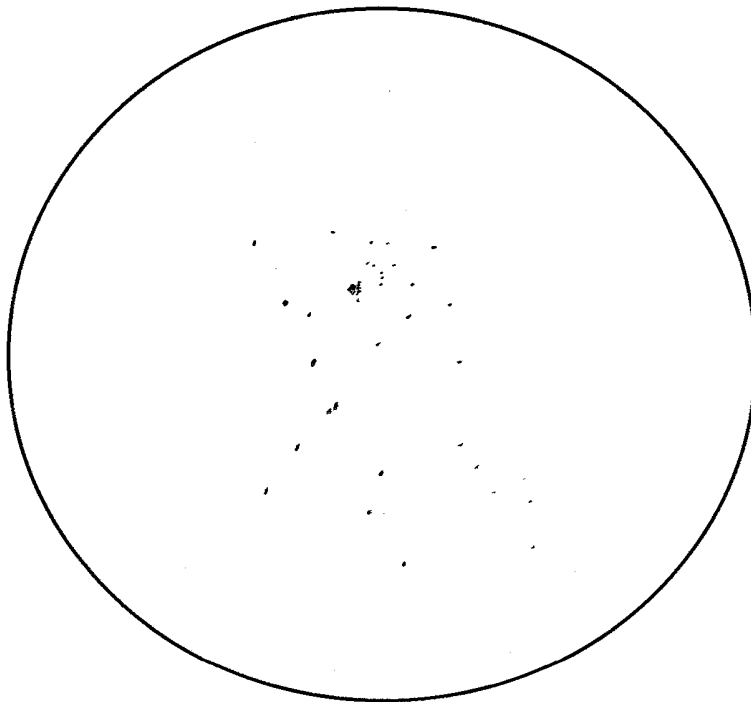
BY

DATE 7/22/3 TIME 10:10 CST CDT CLARITY II III IV V SEEING II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M51 LOCATION RMCS HOME _____



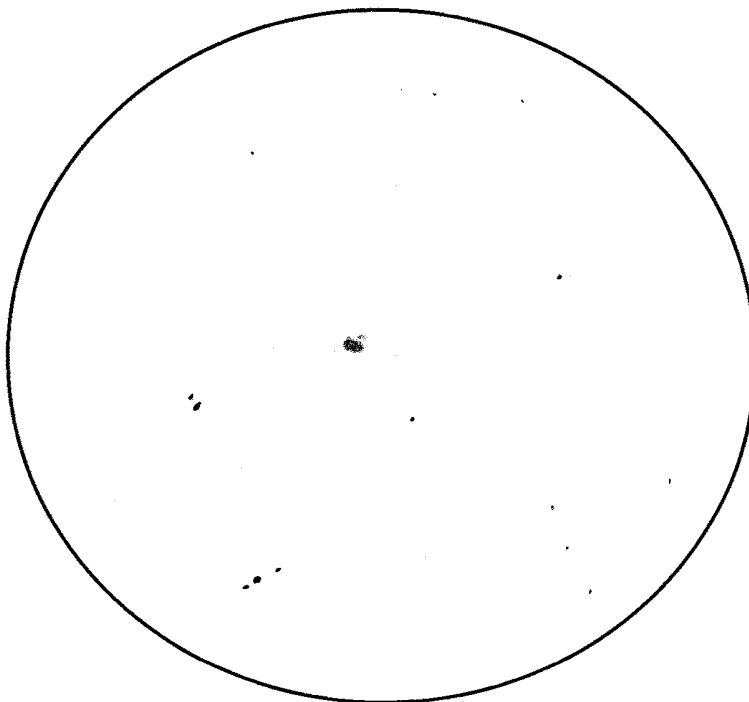
Very faint glow in easily caught field - no hope
of detail

DATE 7/23/3 TIME 1135 CST CD CLARITY I II III IV V SEEING II II IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M52 LOCATION RMCO HOME _____



Can actually resolve a few stars in the fuzz.

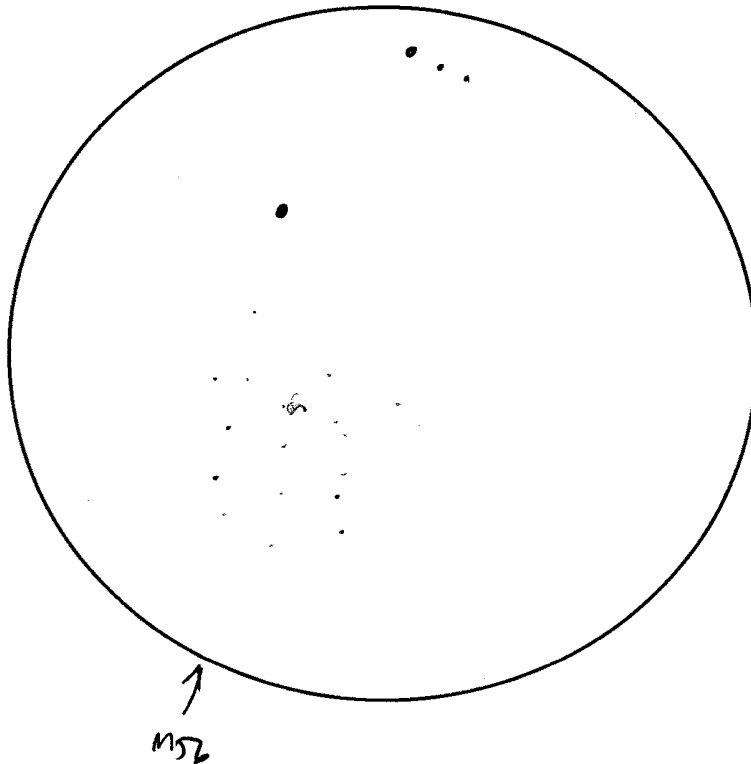
DATE 7/2/3 TIME 11:50 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 (10x50) EYE POWER 10X 73X 153X 475X
OBJECT MSS LOCATION RMCO HOME _____



ALMOST SEEMS EASIER IN B'S THAN ETX -

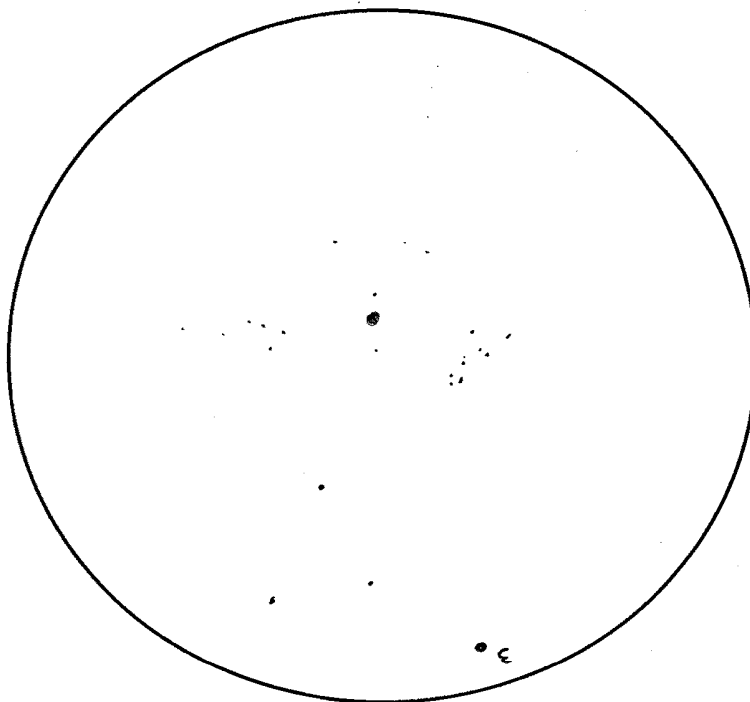
WELL SEEN BUT JUST A GLOW

DATE 7/20/3 TIME 12:19 CST CDT CLARITY I I III IV V SEEING I I III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M56 LOCATION RMCO HOME _____



Eq. w/AV - seen well. M57 no hope of course

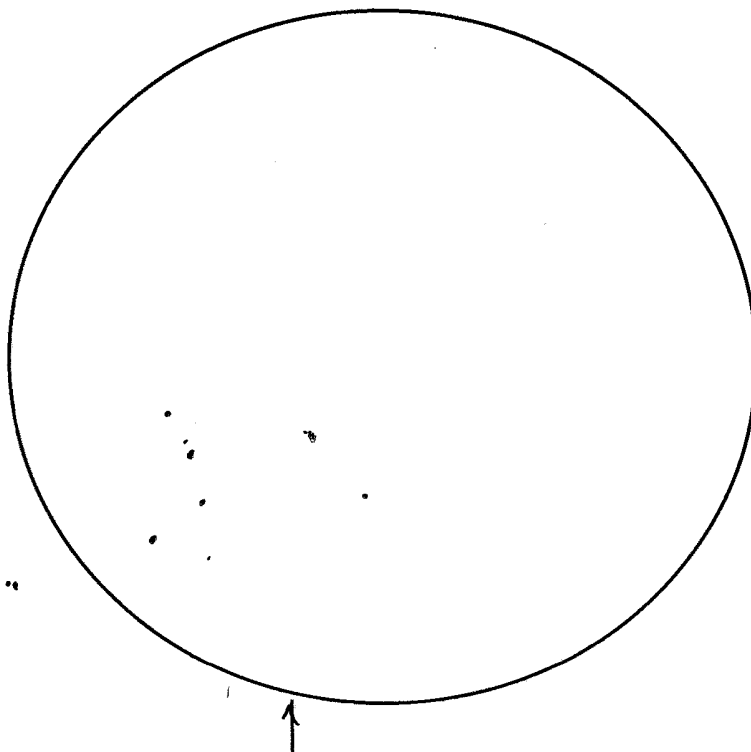
DATE 7/2/83 TIME 9:58 CST ☒ CLARITY I ☒ II III IV V SEEING ☒ II III IV V
INSTRUMENT ETX-125 ☒ 10X50 EYE POWER ☒ 10X 73X 153X 475X
OBJECT M62 LOCATION ☒ MCC HOME _____



DATE 7/19/3 TIME 11:05 CST CDT CLARITY I II III IV V SEEING I II III IV V

INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X

OBJECT M 83 LOCATION RMCC HOME _____

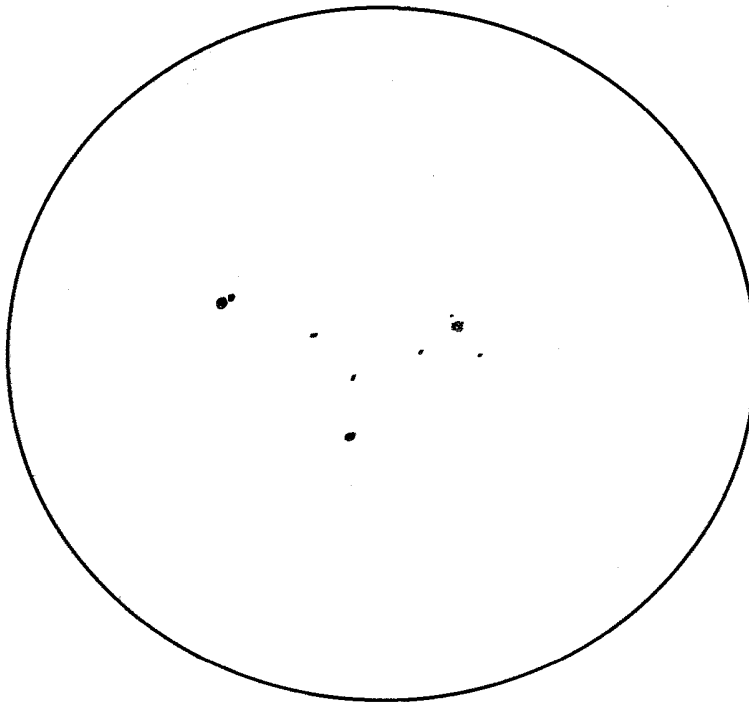


EASILY SEEN - HAVING JUST SEEN IN 153X WAS EASY
TO IDENTIFY

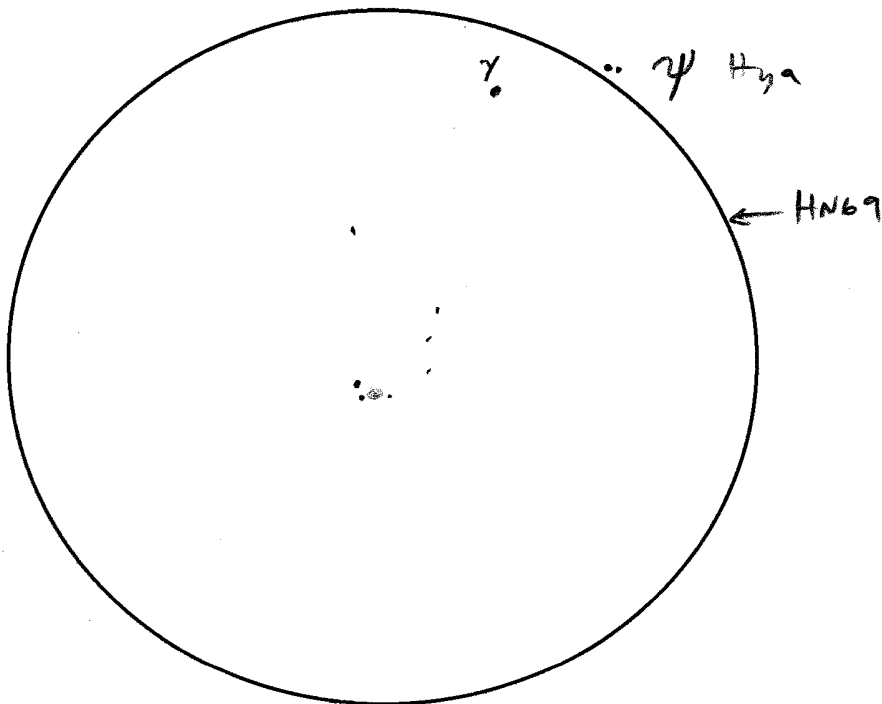
DATE 7/24/3 TIME 9:50 CST CDT CLARITY I II III IV V SEEING U III IV V

INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X

OBJECT M80 LOCATION RMCC HOME _____

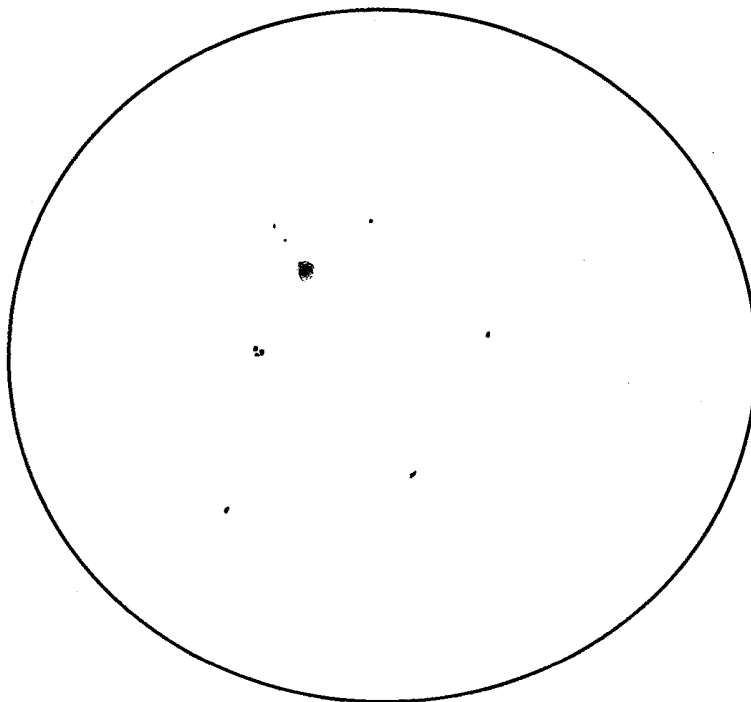


DATE 4/27/3 TIME 12:30 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M 83 LOCATION RMCC HOME _____



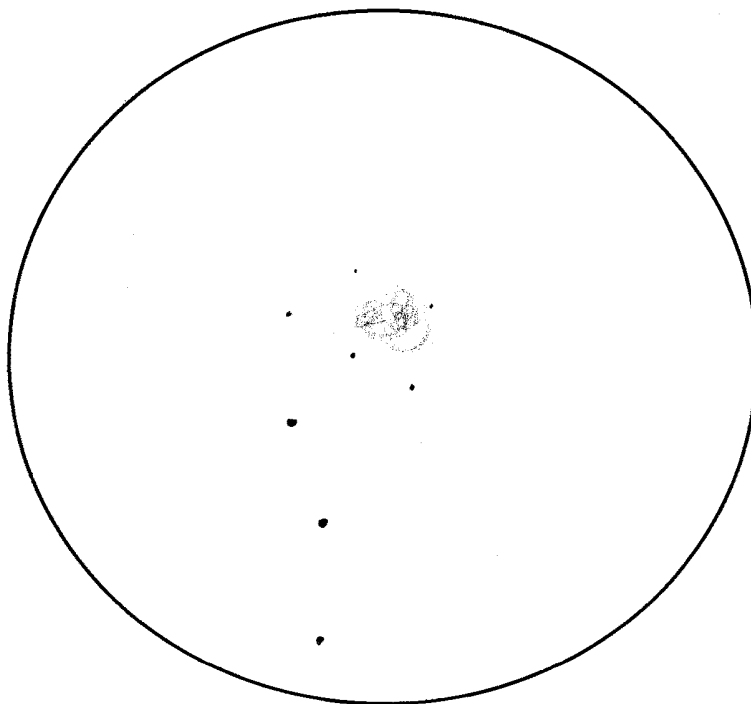
LAST VIEW - M 83 m b's - nicely seen.

DATE 7/22 TIME 9:55 CST ☒ CLARITY ☒ II III IV V SEEING ☒ III III IV V
INSTRUMENT ETX-125 ☒ EYE POWER ☒ 73X 153X 475X
OBJECT M92 LOCATION ☒ HOME _____



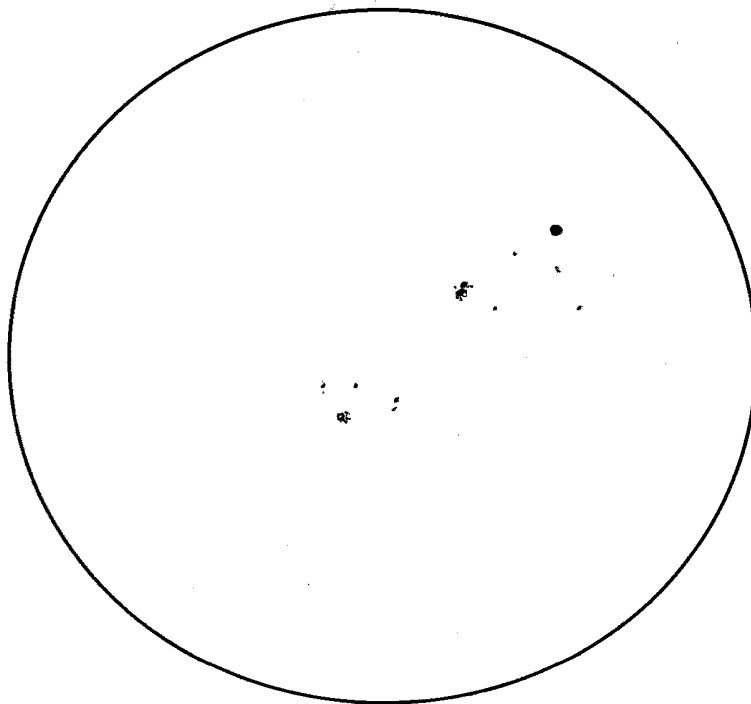
Easy and bright

DATE 7/22/3 TIME 10415 CST CDD CLARITY I 0 II III IV V SEEING I 0 II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M101 LOCATION RMCO HOME _____



Very faint AV only

DATE 7/23/3 TIME 1:25 CST DD CLARITY II III IV V SEEING II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT M103 + NGC 663 LOCATION RMCC HOME _____



NO NGC 659 seen - these clumpy but not resolved

Observing Log

Object type: Galaxy *α*

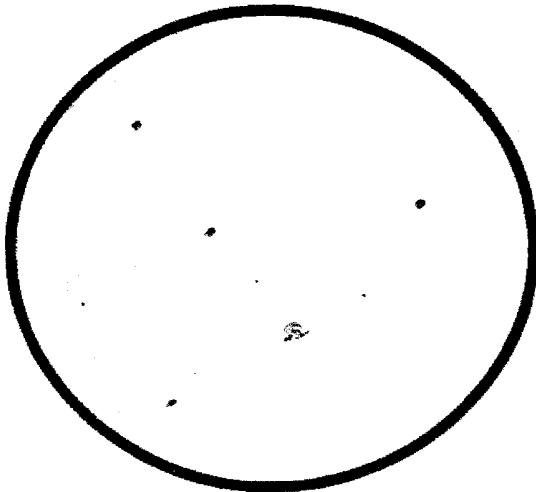
αα

Object ID: Ber 58

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____



Observer B. Yang

Date 7/8/7

Time 2:05

Location RMCC

Seeing II Transparency III

Instrument XT-12

Size 12

Eyepiece 42

Field of view _____ Power 37X

- Can this ^{*α*}galaxy be seen with direct vision, or is averted vision required? Seen
- What is the overall shape? Am
- Is a core noticeable? w/ 5 stars + free
- Is the core compact or stellar? —
- Can any detail be seen between the core and the outer envelope of the object? —
- Are the edges of the outer envelope sharp or diffuse? some background nebulosity
- Can any detail or mottling be seen in the outer envelope (bright or dark patches or lanes)? —
- Are there any other deep-sky objects in the same field of view? If so, what? —

Description Tr = I 1 p

Observing Log

Object type: Open Cluster

OCOC

Object ID: Berk 59

Const.: Cep

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B York

Date 7/15/7

Time 12:40 AM

Location Adams Ranch

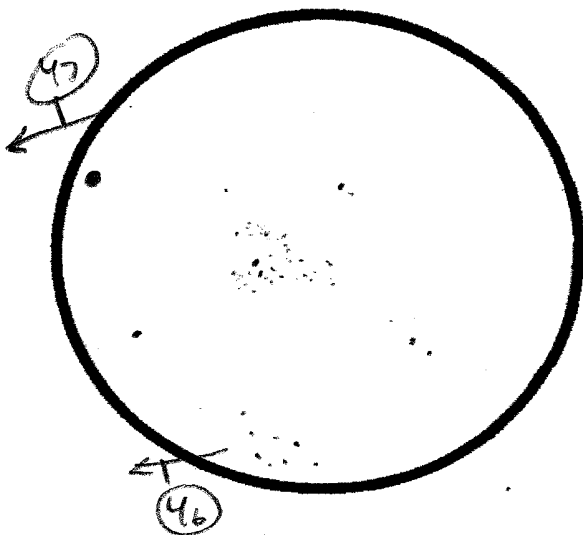
Seeing II Transparency II

Instrument Xt

Size 12

Eyepiece 42

Field of view _____ Power 37



- Can this cluster be easily distinguished from the background stars? OK
- What is the overall shape of the object? 2
- How many stars can you count in the cluster? 25
- Are the stars more concentrated in any one particular area? in U
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? in middle
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Tr = III 2p

46 = UNID sat
47 = " "

Observing Log

Object type: Galaxy OC

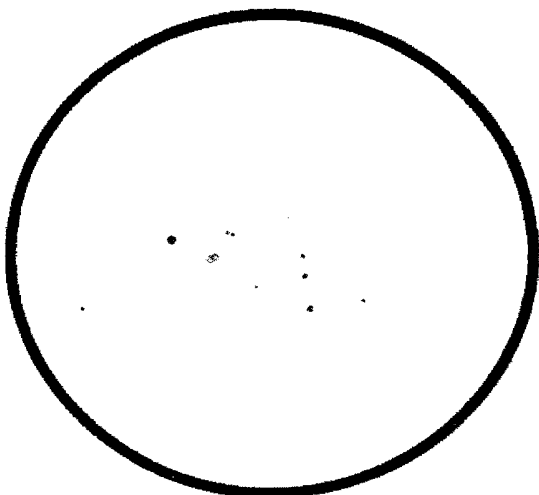
OCOC

Object ID: 13

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____



Observer B. Young

Date 7/9/17

Time 1:45

Location RMCC

Seeing II Transparency II

Instrument XT12

Size 12

Eyepiece 42

Field of view _____ Power 37

- Can this ^{OC} galaxy be seen with direct vision, or is averted vision required?
- What is the overall shape? LITTLE FUZZY SPOT
- Is a core noticeable? -
- Is the core compact or stellar? -
- Can any detail be seen between the core and the outer envelope of the object? -
- Are the edges of the outer envelope sharp or diffuse? w/ neb
- Can any detail or mottling be seen in the outer envelope (bright or dark patches or lanes)? -
- Are there any other deep-sky objects in the same field of view? If so, what? -

Description Carbomed 150x - still no neb!

1 r = I 1 p

Observing Log

Object type: ~~Galaxy~~ *OC*

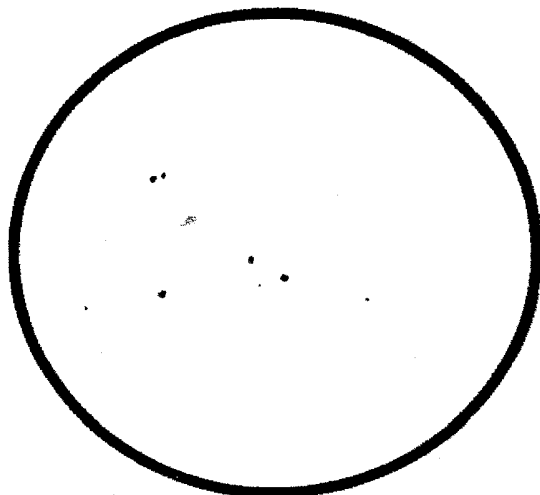
OCOC

Object ID: Bck 2

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____



Observer B. Yant

Date 7/9/7

Time 1:35

Location RACE

Seeing _____ Transparency _____

Instrument XT 12

Size 12"

Eyepiece 42

Field of view _____ Power 37

• Can this galaxy be seen with direct vision, or is averted vision required?

• What is the overall shape? Round fuzz spot

• Is a core noticeable? _____

• Is the core compact or stellar? _____

• Can any detail be seen between the core and the outer envelope of the object? _____

• Are the edges of the outer envelope sharp or diffuse? Nebulosity - no stars resolved

• Can any detail or mottling be seen in the outer envelope (bright or dark patches or lanes)? _____

• Are there any other deep-sky objects in the same field of view? If so, what? No

Description Tr = II 1p

*CONFIRMED
100x*

Observing Log

Object type: Open Cluster

Object ID: Kong 14

Const.: Crs

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B Yarr

Date 12/26/6

Time 7:30 CST

Location LMCC

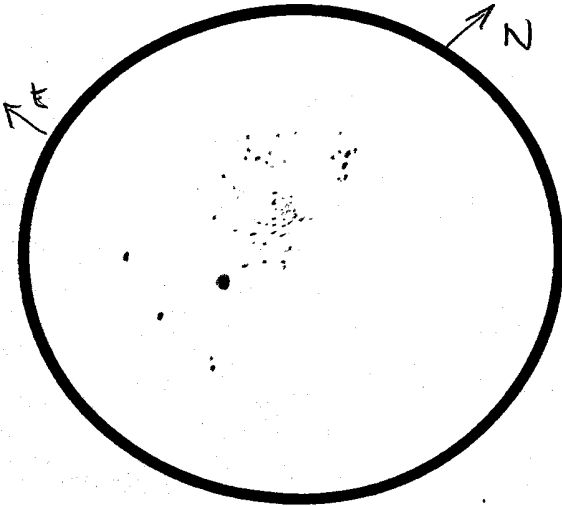
Seeing 3 Transparency 4

Instrument XT12

Size 304mm

Eyepiece 40mm

Field of view _____ Power 37



Can this cluster be easily distinguished from the background stars? fairly

- What is the overall shape of the object? top of hourglass
- How many stars can you count in the cluster? 30
- Are the stars more concentrated in any one particular area? in V
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? "pinch" of hourglass
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? 1 nearby
- Are there any other deep-sky objects in the same field of view? If so, what? N,

Description Tamper II 1p

Observing Log

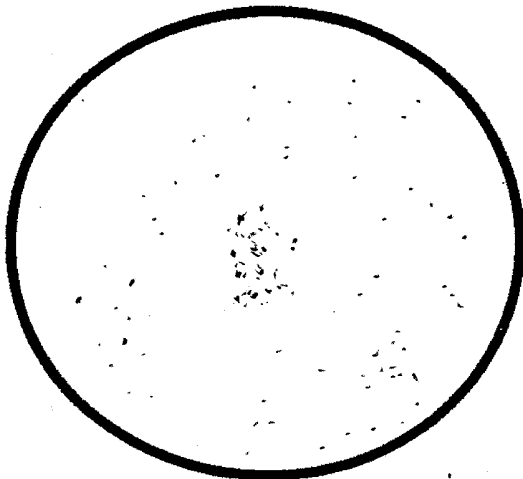
Object type: Open Cluster

Object ID: N6C 225

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____



Observer B Young

Date 11/22/6

Time 8:20 CST

Location LMCE

Seeing II Transparency I-

Instrument XT 12

Size 12

Eyepiece 42

Field of view _____ Power 36

- Can this cluster be easily distinguished from the background stars? oh
- What is the overall shape of the object? fairly round/oval
- How many stars can you count in the cluster? 21
- Are the stars more concentrated in any one particular area? No
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Tr = III 2 p

Observing Log

Object type: Open Cluster

OCOC

Object ID: King 16

Const.: Cas

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B Young

Date 7/15/17

Time 12:50 AM CDT

Location Adams Ranch

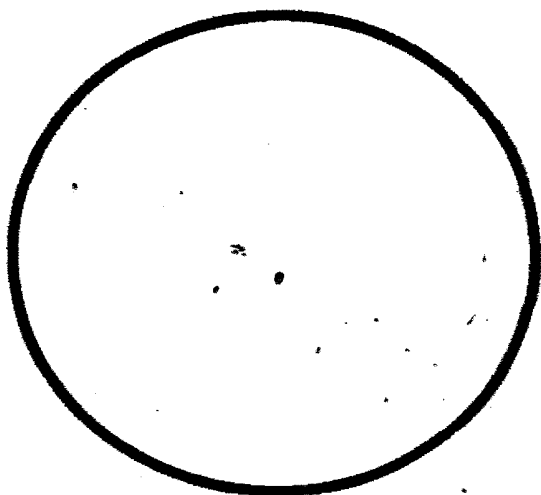
Seeing II Transparency II

Instrument X5

Size 12

Eyepiece 42

Field of view _____ Power 37



- Can this cluster be easily distinguished from the background stars? OK
- What is the overall shape of the object? Box
- How many stars can you count in the cluster? 6
- Are the stars more concentrated in any one particular area? small Box
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Tr = I 2p

Observing Log

Object type: Open Cluster

Object ID: Nbe 188

Const.: Cep

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B. Young

Date 12/26/05

Time 9:15 CST

Location RMCC

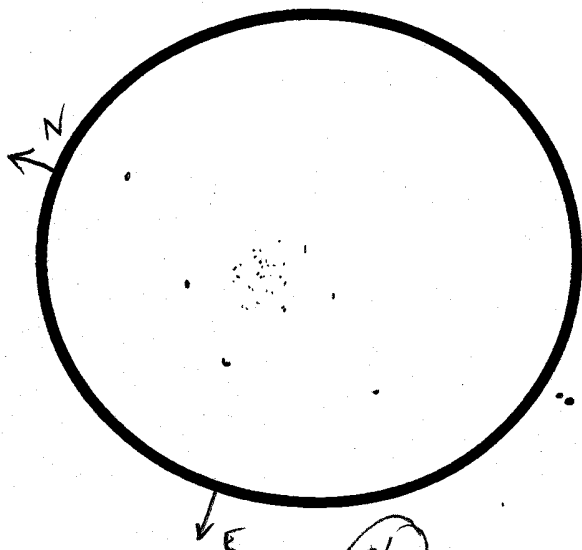
Seeing 3 Transparency 4

Instrument KT12

Size 304 mm

Eyepiece 40 mm

Field of view _____ Power 37



Can this cluster be easily distinguished from the background stars?

- What is the overall shape of the object? irregular
- How many stars can you count in the cluster? > 50
- Are the stars more concentrated in any one particular area? No
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Use AV! Tripler = III 1m

Observing Log

Object type: Open Cluster

Object ID: M103

Const.: Cas

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B Young

Date 12/26/05

Time 7:45 CST

Location RMCE

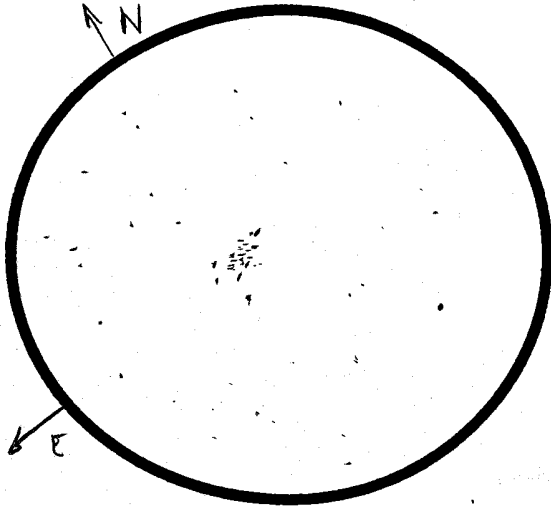
Seeing 3 Transparency 4

Instrument Xt12

Size 304mm

Eyepiece 40mm

Field of view _____ Power 37



Can this cluster be easily distinguished from the background stars?

What is the overall shape of the object? 1

How many stars can you count in the cluster? 25

Are the stars more concentrated in any one particular area? ✓

Is this cluster resolved fully or is there some background nebulosity noticed?

Is there any particular area where you notice an absence of stars in this cluster? ~

Are there any particularly bright stars involved in this cluster? If so, do they show any colors?

Are there any other deep-sky objects in the same field of view? If so, what?

yes, one
is yellow-or
other clusters → see next
sheet
(Tr 1)

Description Trumpler = I 3p

Observing Log

Object type: Open Cluster

Object ID: Dr 1

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer Bi YOUNG

Date 12/26/05

Time 7:55 CST

Location RMCC

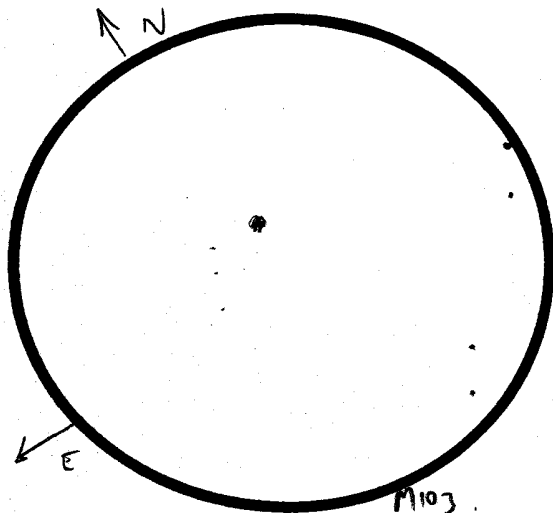
Seeing 3 Transparency 4

Instrument XT 12

Size 304 mm

Eyepiece 40 mm

Field of view _____ Power 37



- Can this cluster be easily distinguished from the background stars?
- What is the overall shape of the object? Tight clump
- How many stars can you count in the cluster? 4
- Are the stars more concentrated in any one particular area? No
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? M103 just SW

Description Trumpler = I 1 p

Observing Log

Object type: Open Cluster

Object ID: Cr 463

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B. Young

Date 12/30/05

Time 8:45 CST

Location RMCC

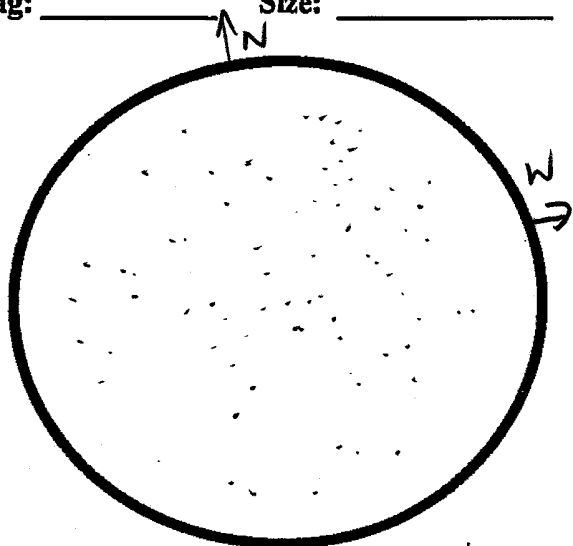
Seeing 4 Transparency 4

Instrument X512

Size 304 mm

Eyepiece 40 mm

Field of view _____ Power 37x



- Can this cluster be easily distinguished from the background stars? it is the field!
- What is the overall shape of the object? Scattered
- How many stars can you count in the cluster? ~100
- Are the stars more concentrated in any one particular area? some but few
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? Yes 161 in center & a few others are red or orange
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Tr = III 1m

Observing Log
Object type: Open Cluster

OCOC

Object ID: Stock 4

Const.: Per

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B. Young

Date 7/15/7

Time 2:20 AM

Location Adams Ranch

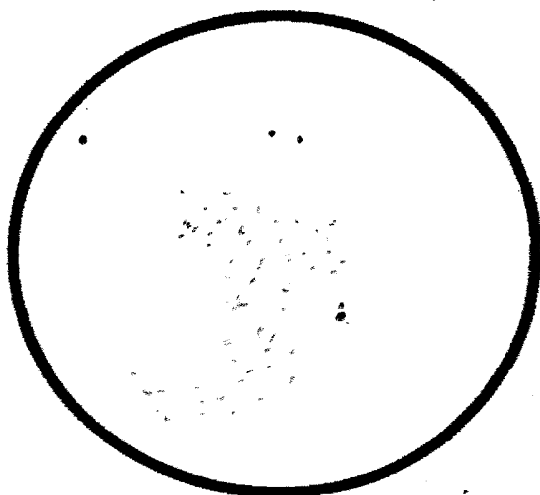
Seeing II Transparency II

Instrument XT

Size 12

Eyepiece 42

Field of view _____ Power 37



- Can this cluster be easily distinguished from the background stars? Yes
- What is the overall shape of the object? Irregular
- How many stars can you count in the cluster? 80
- Are the stars more concentrated in any one particular area? No
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No, but
size wide
- Are there any other deep-sky objects in the same field of view? If so, what? No
dbl to N

Description Tr = III 1m

Observing Log

Object type: Open Cluster

OCOC

Object ID: Mel 15 (Cr26)

Const.: Cas

Observer B. Yarnal

RA: _____ Dec.: _____

Date 7/15/17

Mag: _____ Size: _____

Time 2:30

Location Adams Ranch

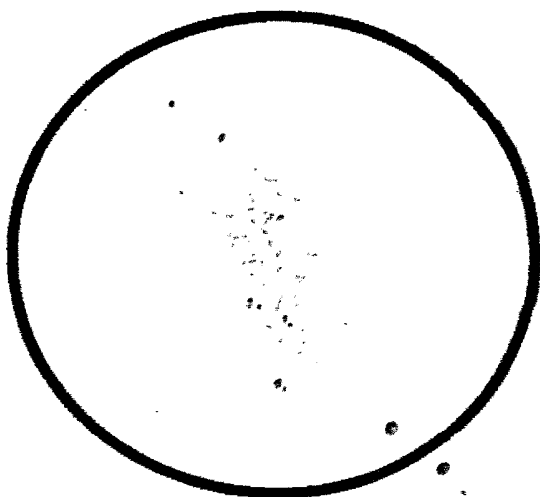
Seeing II Transparency II

Instrument XT

Size 12

Eyepiece 42

Field of view _____ Power 37



- Can this cluster be easily distinguished from the background stars? yes, but crowded area
- What is the overall shape of the object? "like a stream"
- How many stars can you count in the cluster? 80
- Are the stars more concentrated in any one particular area? Around one of the 6-7 mag
- Is this cluster resolved fully or is there some background nebulosity noticed? No - but nebula on N side
- Is there any particular area where you notice an absence of stars in this cluster? outside stream
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? Yes, no
- Are there any other deep-sky objects in the same field of view? If so, what? (some yellow)

Description Tr = IV 3 m n (?) None seen (neb?)

Observing Log

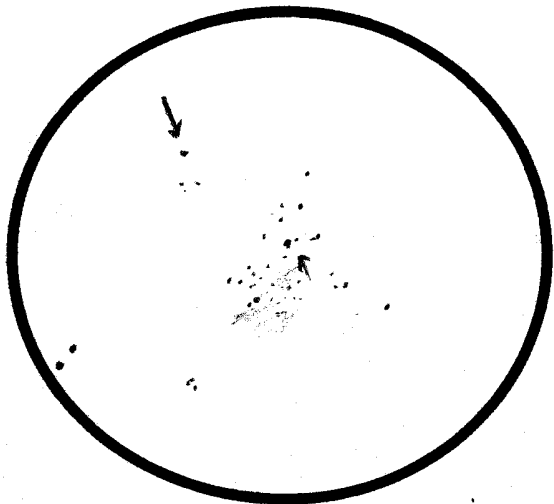
Object type: Open Cluster

Object ID: Tr 2

Const.: Per

RA: _____ Dec.: _____

Mag: _____ Size: _____



Observer B Young

Date 2/26/06

Time 8:10 CST

Location MCC

Seeing II Transparency III

Instrument 12" XT

Size 12"

Eyepiece 42mm

Field of view _____ Power 36x

- Can this cluster be easily distinguished from the background stars? Yes
- What is the overall shape of the object? Famly "starburst"
- How many stars can you count in the cluster? 50
- Are the stars more concentrated in any one particular area? Lines, rivulets
- Is this cluster resolved fully or is there some slightly background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? → = oranges
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Tr 2 II 2 m

Observing Log

Object type: Open Cluster

Object ID: NGC 1027

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B. Young

Date 12/30/05

Time 8:45 CST

Location RMCC

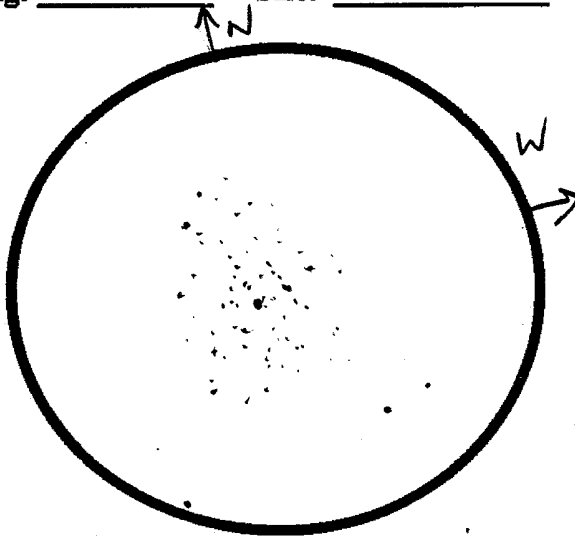
Seeing 4 Transparency 4

Instrument XT12

Size 304mm

Eyepiece 40mm

Field of view _____ Power 37x



- Can this cluster be easily distinguished from the background stars? Early
- What is the overall shape of the object? Irreg
- How many stars can you count in the cluster? 45
- Are the stars more concentrated in any one particular area? Near 6m center
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Tc = II 2 p

Observing Log

Object type: Open Cluster

Object ID: DOPZ 1

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B. YOUNG

Date 12/30/05

Time 7:00 CST

Location RMCC

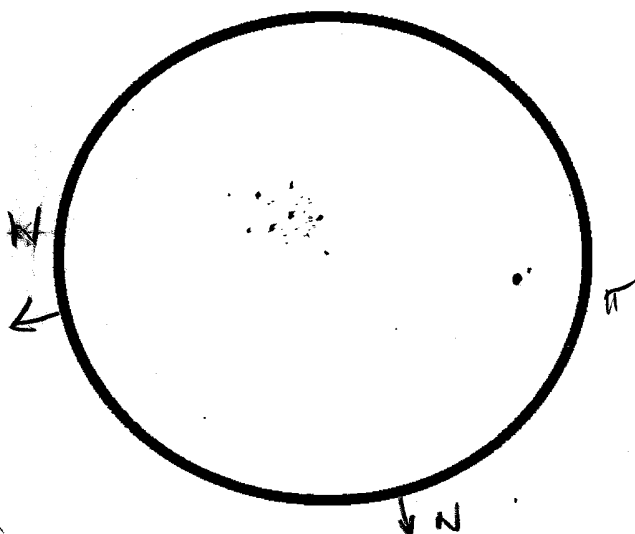
Seeing 4 Transparency 4

Instrument XT12

Size 304mm

Eyepiece 40mm

Field of view _____ Power 37x



- Can this cluster be easily distinguished from the background stars? Yes
- What is the overall shape of the object? 1
- How many stars can you count in the cluster? 10
- Are the stars more concentrated in any one particular area? Yes in SE area (horns)
- Is this cluster resolved fully or is there some background nebulosity noticed? definite faint blue "behind"
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? No, but

Description It is beautiful, pale yellow & blue

Tr = III 3 p

Observing Log

Object type: Open Cluster

Object ID: IC 1848

Const.: Cas

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B Young

Date 2/26/06

Time 8:45 CST

Location RMCC

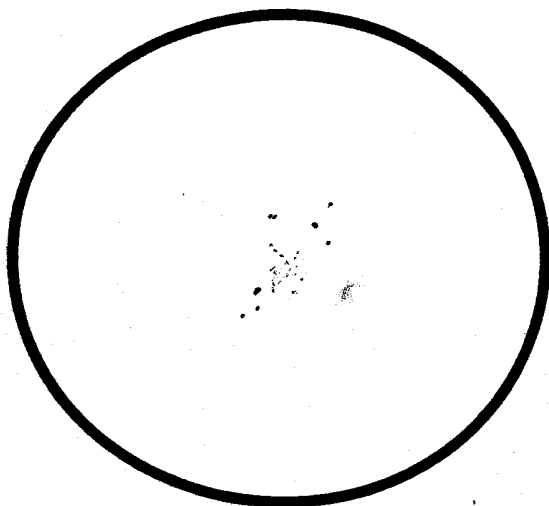
Seeing II- Transparency II

Instrument 12" XT

Size 12"

Eyepiece 42

Field of view _____ Power 36x



Can this cluster be easily distinguished from the background stars? Yes

- What is the overall shape of the object? Has a > component that stands out
- How many stars can you count in the cluster? 20
- Are the stars more concentrated in any one particular area? At "point"
- Is this cluster resolved fully or is there some background nebulosity noticed? → some neb to S as shown
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? Neb?

Description Tr = II 3p

Observing Log

Object type: Open Cluster

OCOC

Object ID: C34

Const.: Cas

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B. Young

Date 7/15/7

Time 2:45

Location Adams Ranch

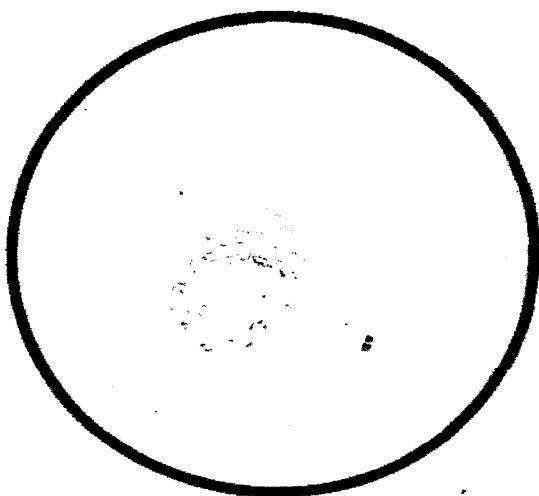
Seeing II Transparency II

Instrument XT

Size 12

Eyepiece 42

Field of view _____ Power 37



- Can this cluster be easily distinguished from the background stars? OK
- What is the overall shape of the object? POINT w/ HOLE
- How many stars can you count in the cluster? 25
- Are the stars more concentrated in any one particular area? Around hole, alt to E
- Is this cluster resolved fully or is there some background nebulousity noticed? especially on E side
- Is there any particular area where you notice an absence of stars in this cluster? In hole
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? no
- Are there any other deep-sky objects in the same field of view? If so, what? another observer nearby??

Description Saw Sadr 23 while nearby

Tr = III 3 p.m.

Observing Log

Object type: Open Cluster

Object ID: Tr 3

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B. Young

Date 12/30/05

Time 9:25 CST

Location RMCC

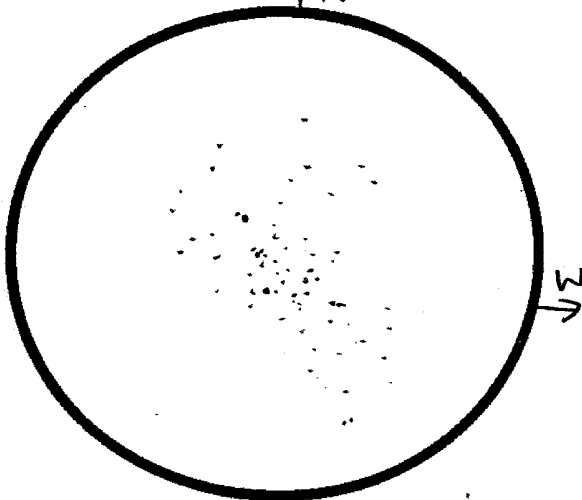
Seeing 4 Transparency 3

Instrument XT12

Size 304mm

Eyepiece 40mm

Field of view _____ Power 37x



- Can this cluster be easily distinguished from the background stars? Yes
- What is the overall shape of the object? Long W
- How many stars can you count in the cluster? 50
- Are the stars more concentrated in any one particular area? No
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? No

Nearby (Horn)
2142
516
→
W

Plotted on
Diagram

Description Tr = II 2m

Observing Log

Object type: Open Cluster

Object ID: Stock 23

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B. YOUNG

Date 12/30/05

Time 9:05 CST

Location RMCC

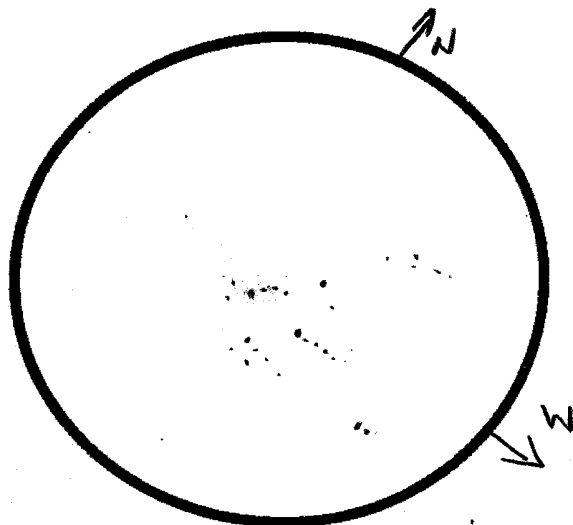
Seeing 4 Transparency 3

Instrument XT12

Size 304mm

Eyepiece 40mm

Field of view _____ Power 37x



- Can this cluster be easily distinguished from the background stars? Yes
- What is the overall shape of the object? "HOUSE"
- How many stars can you count in the cluster? 17
- Are the stars more concentrated in any one particular area? Around brights
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? "In" house
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Tr = II 3p

Observing Log

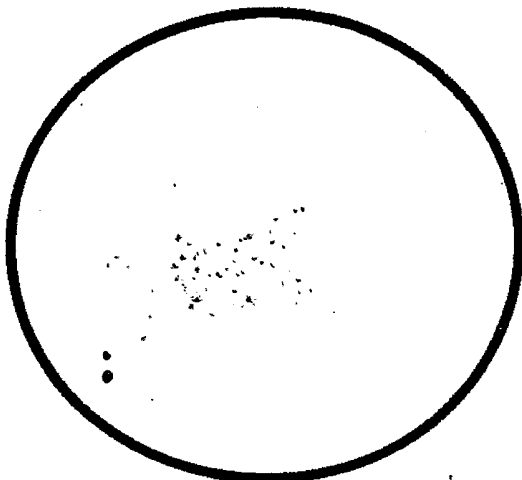
Object type: Open Cluster

Object ID: NGC 1342

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____



Observer B Young

Date 11/22/6

Time 8:30

Location RMCC

Seeing II- Transparency I-

Instrument X512

Size 12

Eyepiece 42

Field of view _____ Power 36

- Can this cluster be easily distinguished from the background stars? yes
- What is the overall shape of the object? Reclining Lion
- How many stars can you count in the cluster? 47
- Are the stars more concentrated in any one particular area? Rear end (towards double)
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Tr = III 2 m

Observing Log

Object type: Open Cluster

Object ID: IC 348

Const.: Per

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B. Young

Date 2/26/06

Time 7:40 pm CST

Location RMCE

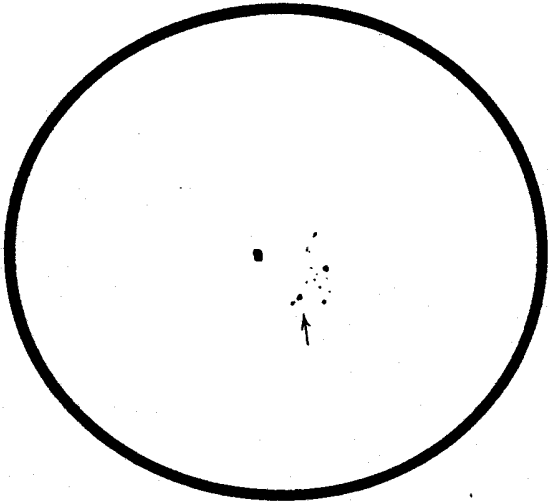
Seeing II Transparency III

Instrument 12XT

Size 12"

Eyepiece 42mm

Field of view _____ Power 36X



- Can this cluster be easily distinguished from the background stars? Yes
- What is the overall shape of the object? bees
- How many stars can you count in the cluster? 10
- Are the stars more concentrated in any one particular area? within
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? ↑ = orange
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Easy to find near α Per some nebulosity
but with high power I can't confirm it
Tr = F1p

Observing Log

Object type: Open Cluster

OCOC

Object ID: Bm 5

Const.: Cam

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B. Young

Date 7/15/17

Time 3:20 AM

Location Adams Ranch

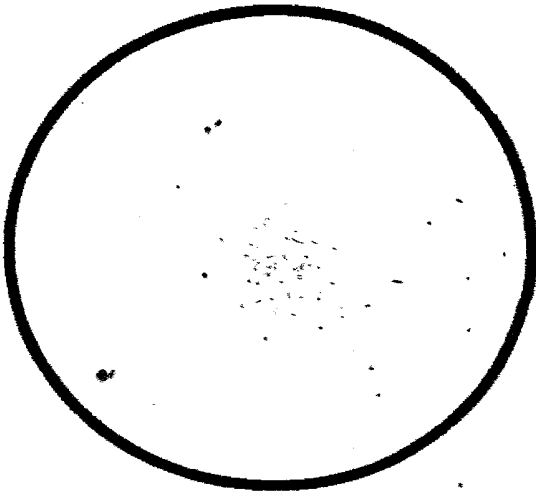
Seeing II Transparency II

Instrument X7

Size 12

Eyepiece 42

Field of view _____ Power 37



- Can this cluster be easily distinguished from the background stars? Yes
- What is the overall shape of the object? Random
- How many stars can you count in the cluster? 50
- Are the stars more concentrated in any one particular area? No
- Is this cluster resolved fully or is there some very faint background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Tr = III 1m

Observing Log

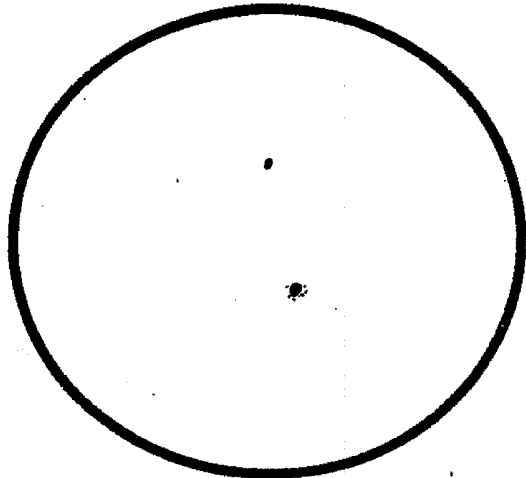
Object type: Open Cluster

Object ID: N6C 1444

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____



Observer B Young

Date 11/22/6

Time 8:45

Location RMCC

Seeing II Transparency I-

Instrument XT-12

Size 12

Eyepiece 42

Field of view _____ Power 36

- Can this cluster be easily distinguished from the background stars? No
- What is the overall shape of the object? Bees
- How many stars can you count in the cluster? 3
- Are the stars more concentrated in any one particular area? @ 6m star
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? yes, yellow
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Tr = I 3p See 10mm →

Observing Log

Object type: Open Cluster

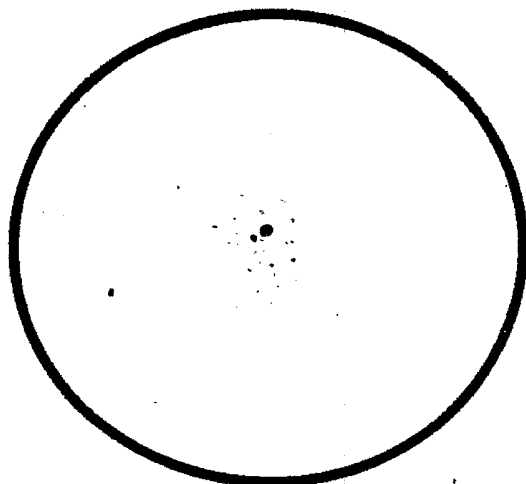
(NOT FOR
OCOC)

Object ID: NGC 1444

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____



Observer B. Young

Date 11/22/6

Time 8:50 CST

Location RMCC

Seeing II Transparency I-

Instrument XT12

Size 12

Eyepiece 10mm

Field of view _____ Power 150x

- Can this cluster be easily distinguished from the background stars? yes
- What is the overall shape of the object? Bees
- How many stars can you count in the cluster? 13
- Are the stars more concentrated in any one particular area? No
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? yes
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description _____

Observing Log

Object type: Open Cluster

OCOC

Object ID: King 7

Const.: Per

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer R Y

Date 10/2/7

Time 10:45

Location Adams Ranch

Seeing II Transparency II-

Instrument XT-12

Size 12

Eyepiece 42

Field of view _____ Power 37



- Can this cluster be easily distinguished from the background stars? NO
- What is the overall shape of the object? either tiny clump or a larger misty glow
- How many stars can you count in the cluster? 4 or ?
- Are the stars more concentrated in any one particular area? clump
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? NO
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? NO
- Are there any other deep-sky objects in the same field of view? If so, what? NO

Description Tr 2 IV 1 p

Observing Log

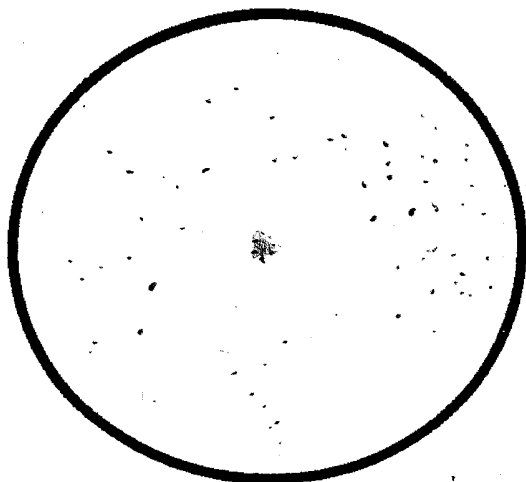
Object type: Open Cluster

Object ID: N6C 1496

Const.: Cam

RA: _____ Dec.: _____

Mag: _____ Size: _____



Observer B Yount

Date 11/22/16

Time 8:55

Location RMCC

Seeing II Transparency I-

Instrument X5-12

Size 12

Eyepiece 42

Field of view _____ Power 36

- Can this cluster be easily distinguished from the background stars? OK
- What is the overall shape of the object? Round fuzzy ball
- How many stars can you count in the cluster? 4 + fuzz
- Are the stars more concentrated in any one particular area? Wend
- Is this cluster resolved fully or is there some much background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Tr = I3p

Observing Log

Object type: Open Cluster

Object ID: NGC 1862

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B. Young

Date 12/30/05

Time 9:35 CST

Location RMCC

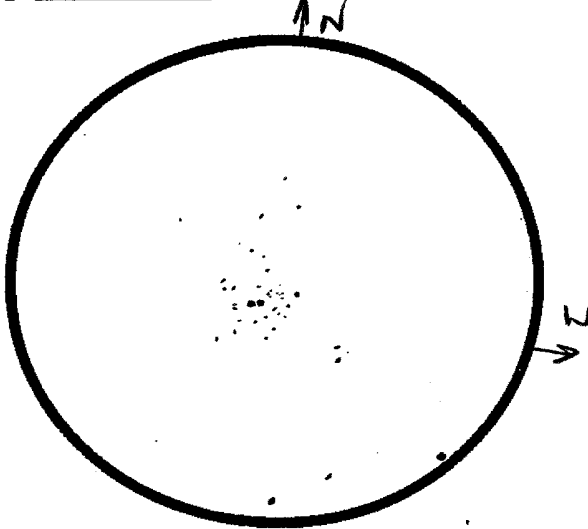
Seeing 4 Transparency 3+

Instrument X12

Size 304mm

Eyepiece 40mm

Field of view _____ Power 37x



- Can this cluster be easily distinguished from the background stars? Yes
- What is the overall shape of the object? ▷
- How many stars can you count in the cluster? 25
- Are the stars more concentrated in any one particular area? Near brighter stars
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? Yes, yellowish
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description It really brings them out!

Tr = J12p

Observing Log

Object type: Open Cluster

Object ID: NGC 1662

Const.: Orion

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B. Young

Date 2/26/06

Time 8:55 CST

Location RMCC

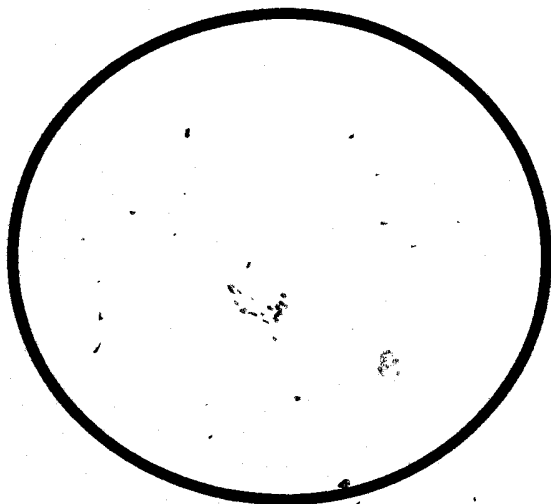
Seeing II- Transparency II

Instrument 12" XT

Size 12"

Eyepiece 42

Field of view _____ Power 36



Can this cluster be easily distinguished from the background stars?

Yes

• What is the overall shape of the object?

Y

• How many stars can you count in the cluster?

19

• Are the stars more concentrated in any one particular area? Known around center brighter

• Is this cluster resolved fully or is there some background nebulosity noticed? No

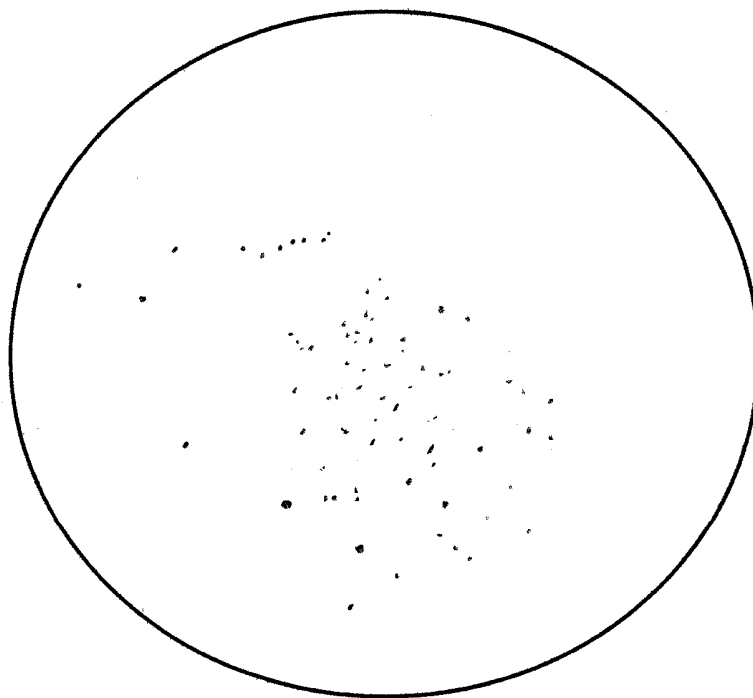
• Is there any particular area where you notice an absence of stars in this cluster? inside "cup"

• Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No

• Are there any other deep-sky objects in the same field of view? If so, what? No

Description Tr III 2 p

DATE 3/25/6 TIME 8:13 CST CDT CLARITY I II III IV V SEEING II III IV V
INSTRUMENT ETX-125 50 x 800 mm RR 10x50 EYE XT-12
POWER 10 47 73 153 190 316 475 20 30 64 80 133 200 (38)
OBJECT N+C 1746 FILTER NO NB WB OIII ____
OBS. PROGRAM OCOC LOCATION RMCC HOME ____



50 mm all resolved no glow very large
Tr = III 1 m

Observing Log

Object type: Open Cluster

Object ID: NGC 1807/1817

Const.: TAU

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B Young

Date 2/26/06

Time 9:15 CSR

Location RMCC

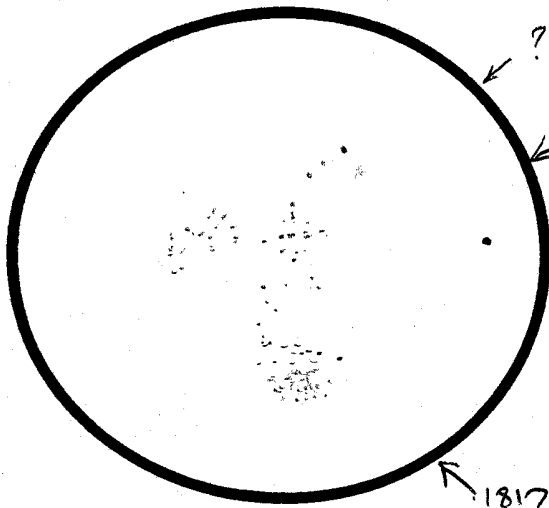
Seeing II- Transparency II

Instrument 12"X5

Size 12"

Eyepiece 42

Field of view _____ Power 36



Can this cluster be easily distinguished from the background stars? Yes

- What is the overall shape of the object? 1807 = + aspect 1817 rich, round
- How many stars can you count in the cluster? 16 (1807) didn't count (>50) 1817
- Are the stars more concentrated in any one particular area? 1807 +
- Is this cluster resolved fully or is there some background nebulosity noticed? see ? - small dm "fuzz"
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No, one off to right sl. yellow
- Are there any other deep-sky objects in the same field of view? If so, what? Each other

Description 1807 Tr = II 1p

1817 Tr = II 1m

Observing Log

Object type: Open Cluster

060C

Object ID: NBC 1798

Const.: Ar

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B Young

Date 4/20/7

Time 9:20

Location ANCE

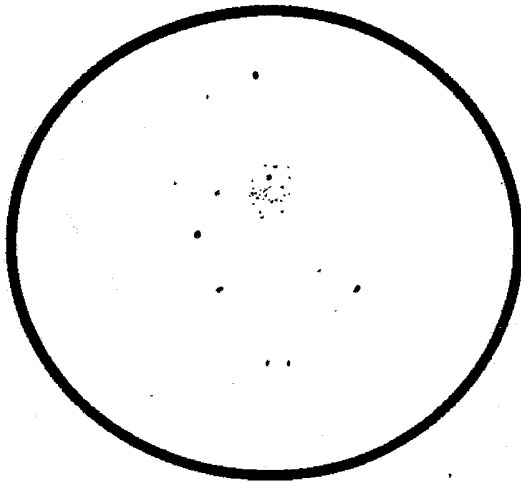
Seeing III Transparency I-

Instrument XT

Size 12

Eyepiece 40

Field of view _____ Power 37



- Can this cluster be easily distinguished from the background stars?
- What is the overall shape of the object? Round
- How many stars can you count in the cluster? 20
- Are the stars more concentrated in any one particular area? No
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? A few gaps
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? 9m-10m No
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Had seen it w/less res even at 9:00 pm!

Tr III 2p

Observing Log

Object type: Open Cluster

OCOC

Object ID: NBC 1893

Const.: Aw

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer Brad Yang

Date 10/10/7

Time 12:10

Location Ambros Ranch

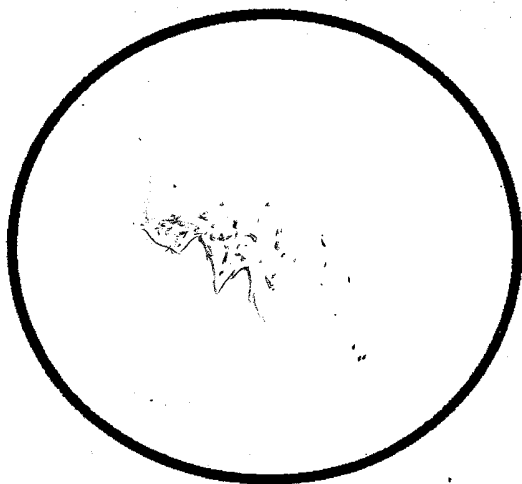
Seeing II Transparency I-

Instrument 85-12

Size 12

Eyepiece 42

Field of view _____ Power 37



- Can this cluster be easily distinguished from the background stars?
- What is the overall shape of the object? Clumpy w/ SW side cond
- How many stars can you count in the cluster? 45
- Are the stars more concentrated in any one particular area? Yes
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? on SW corner
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? Assess now

Description Involved in bright/dark nebulosity?

Tr = II 1 m n

Observing Log

Object type: Open Cluster

Object ID: M38

Const.: Aur

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B. Yanz

Date 12/26/05

Time 8:20 CST

Location RMCC

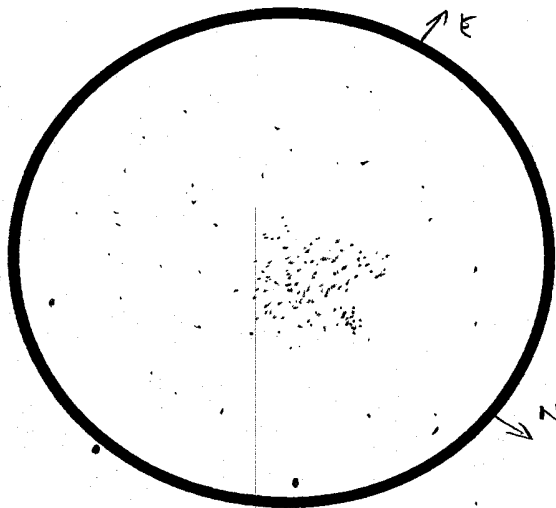
Seeing 3 Transparency 4

Instrument X12

Size 304mm

Eyepiece 40mm

Field of view _____ Power 37



- Can this cluster be easily distinguished from the background stars?
- What is the overall shape of the object? "Burst" - round
- How many stars can you count in the cluster? 100
- Are the stars more concentrated in any one particular area? some lines on NW side
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? no
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? no
- Are there any other deep-sky objects in the same field of view? If so, what? NGC 1907 to S

Description Trumpler = III 19

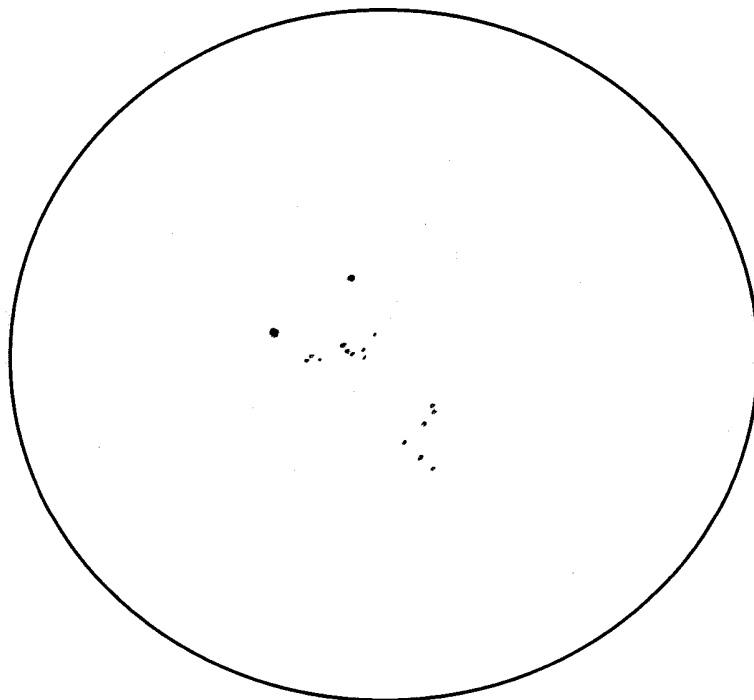
DATE 3/25/16 TIME 8:20 CDT CLARITY I II III IV V SEEING III III IV V

INSTRUMENT ETX-125 50 x 800 mm RR 10x50 EYE XTR

POWER 10 47 73 153 316 475 20 30 64 80 133 200 38

OBJECT Dol23 FILTER NO NB WB OIII

OBS. PROGRAM LOCATION RMCC HOME



10 stars clustered next to 29m + a T shape

of 6

$Tr = II 3p$

Observing Log

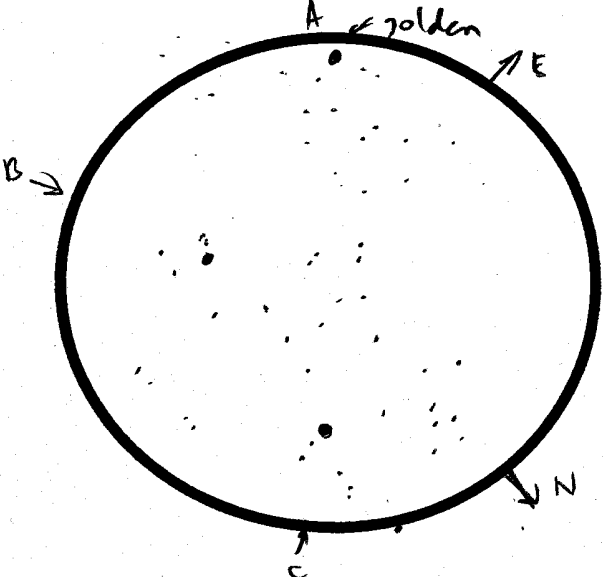
Object type: Open Cluster

Object ID: Cr 69 (Auricular)

Const.: Orion

RA: _____ Dec.: _____

Mag: _____ Size: _____



Observer B. Young

Date 12/26/05

Time 8:40 EST

Location RMCC

Seeing 3 Transparency 4

Instrument XLT 12

Size 304 mm

Eyepiece 40 mm

Field of view _____ Power 37

Can this cluster be easily distinguished from the background stars?

- What is the overall shape of the object? loose
- How many stars can you count in the cluster? ~50
- Are the stars more concentrated in any one particular area? Around A & C, somewhat eD
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? Between A & B
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? Yes, A = gold
- Are there any other deep-sky objects in the same field of view? If so, what? No.

Description Tr = III 3 m

A = ϕ_2

B = ϕ_1

C = λ

Observing Log

Object type: Open Cluster

Object ID: N6C 1981

Const.: Orion

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B. Young

Date 12/26/05

Time 8:50 CST

Location RMCC

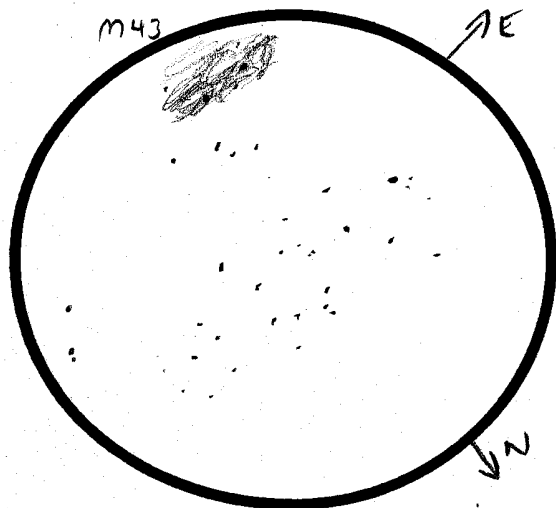
Seeing 3 Transparency 4

Instrument XT 12

Size 304mm

Eyepiece 40mm

Field of view _____ Power 37



Can this cluster be easily distinguished from the background stars?

- What is the overall shape of the object? Spherical
- How many stars can you count in the cluster? 35
- Are the stars more concentrated in any one particular area? No
- Is this cluster resolved fully or is there some background nebulosity noticed? Neb is other m43 etc
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? Yes blue
- Are there any other deep-sky objects in the same field of view? If so, what? Several (M43 etc.)

Description T_c = III 2p

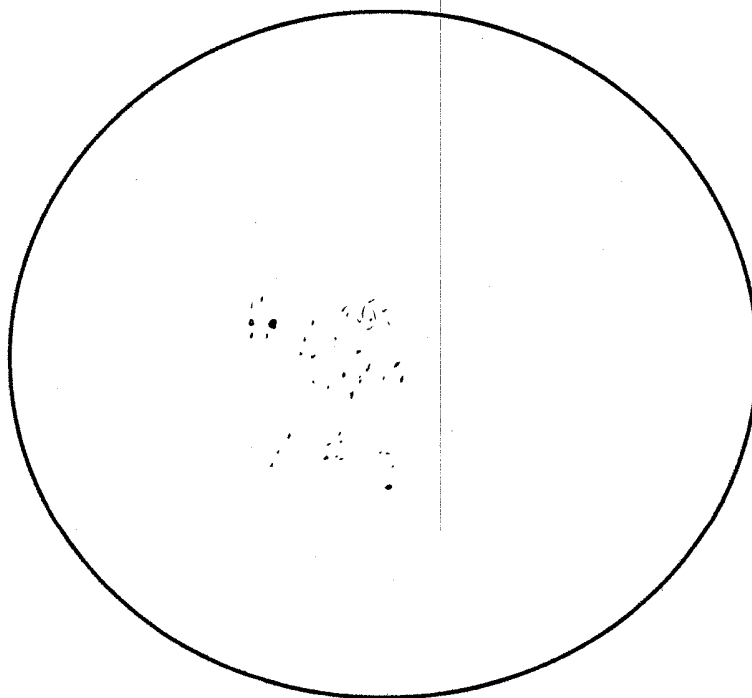
DATE 3/25/6 TIME 8:00 CDT CDT CLARITY I II III IV V SEEING I II III IV V

INSTRUMENT ETX-125 50 x 800 mm RR 10x50 EYE XR-12

POWER 10 47 73 153 190 316 475 20 30 64 80 133 200 38

OBJECT D0024 FILTER NO NB WB OIII

OBS. PROGRAM OCOC LOCATION RMCC HOME



24 stars very spread out + glow No colors

Tr = III 2p

Observing Log

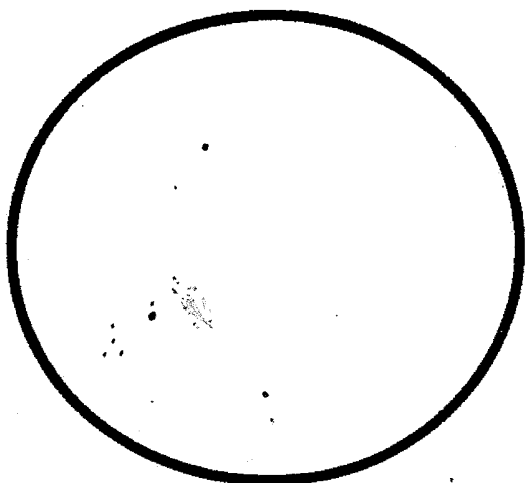
Object type: Open Cluster

Object ID: Ngc 2141

Const.: 6h5 +10

RA: _____ Dec.: _____

Mag: _____ Size: _____



Observer B Young

Date 3/24/6

Time 8:20 CST

Location Rice

Seeing II Transparency II

Instrument XT 12

Size 12

Eyepiece 42

Field of view _____ Power 38

- Can this cluster be easily distinguished from the background stars? Not easy
- What is the overall shape of the object? sl. rectangular
- How many stars can you count in the cluster? 20
- Are the stars more concentrated in any one particular area? No
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Tr = IV 1p

Observing Log

Object type: Open Cluster

Object ID: NGC 2158

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B. YOUNG

Date 12/30/05

Time 10:10

Location RMCC

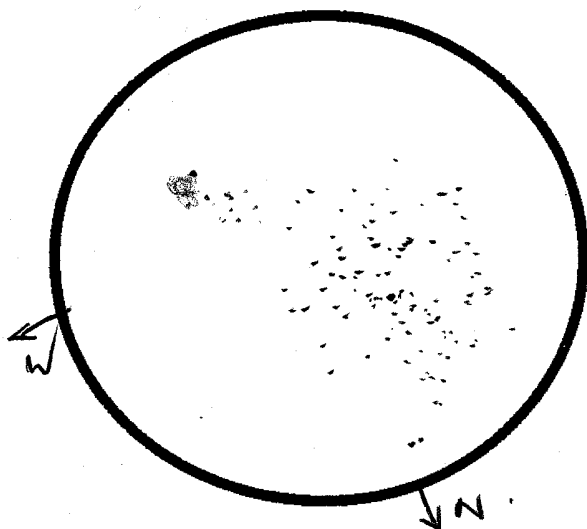
Seeing 4 Transparency 3+

Instrument XT12

Size 304mm

Eyepiece 40mm

Field of view _____ Power 37x



- Can this cluster be easily distinguished from the background stars? Yes
- What is the overall shape of the object? Triangular/prism shape
- How many stars can you count in the cluster? Only 2 or 3 resolved
- Are the stars more concentrated in any one particular area? No
- Is this cluster resolved fully or is there many some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? MB5

Description TC = III 4m

Observing Log

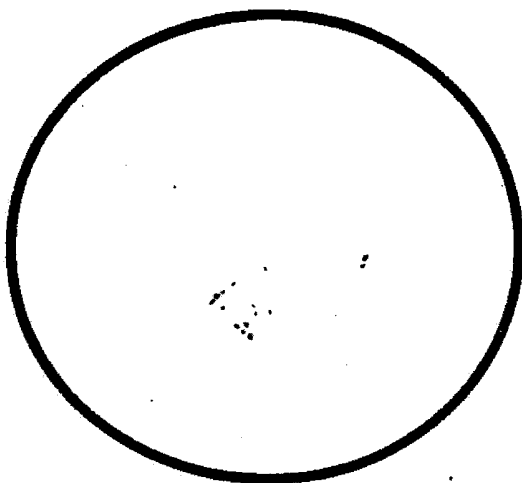
Object type: Open Cluster

Object ID: NGC 2169

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____



Observer B Young

Date 3/24/06

Time 8:15 CST

Location RMCC

Seeing II Transparency II

Instrument XJ12

Size 12

Eyepiece 42

Field of view _____ Power 38

- Can this cluster be easily distinguished from the background stars? Yes
- What is the overall shape of the object? L <
- How many stars can you count in the cluster? 12
- Are the stars more concentrated in any one particular area? shape
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? Yes, no
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Tr = I 1 p

Observing Log

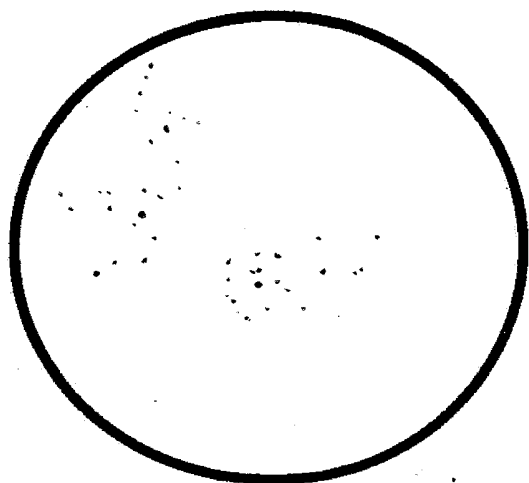
Object type: Open Cluster

Object ID: NGC 2232

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____



Observer B. Young

Date 3/4/6

Time 9:00 CST

Location RMCC

Seeing II Transparency II

Instrument X12

Size 12

Eyepiece 42

Field of view _____ Power 38

- Can this cluster be easily distinguished from the background stars?
- What is the overall shape of the object? None
- How many stars can you count in the cluster? 16
- Are the stars more concentrated in any one particular area? No
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? Yes, blue
- Are there any other deep-sky objects in the same field of view? If so, what? No, but near with 9 Man is neat

Description Tr = III 1p

Observing Log

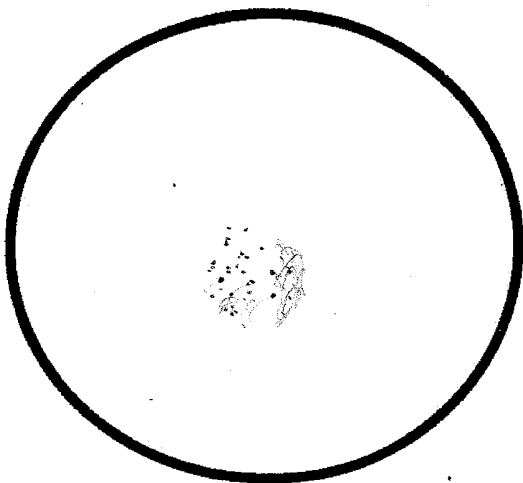
Object type: Open Cluster

Object ID: N6C 2244

Const.: _____

RA: _____ Dec.: _____

Mag: _____ Size: _____



Observer B Young

Date 3/24/6

Time 8:45 CS

Location RMCC

Seeing II Transparency II

Instrument X12

Size 12

Eyepiece 42

Field of view _____ Power 38

- Can this cluster be easily distinguished from the background stars?
- What is the overall shape of the object? Round
- How many stars can you count in the cluster? 30
- Are the stars more concentrated in any one particular area? one half - w/less nebulosity
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? Near center
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? Hints of Rosette

Description Tr = II 2m

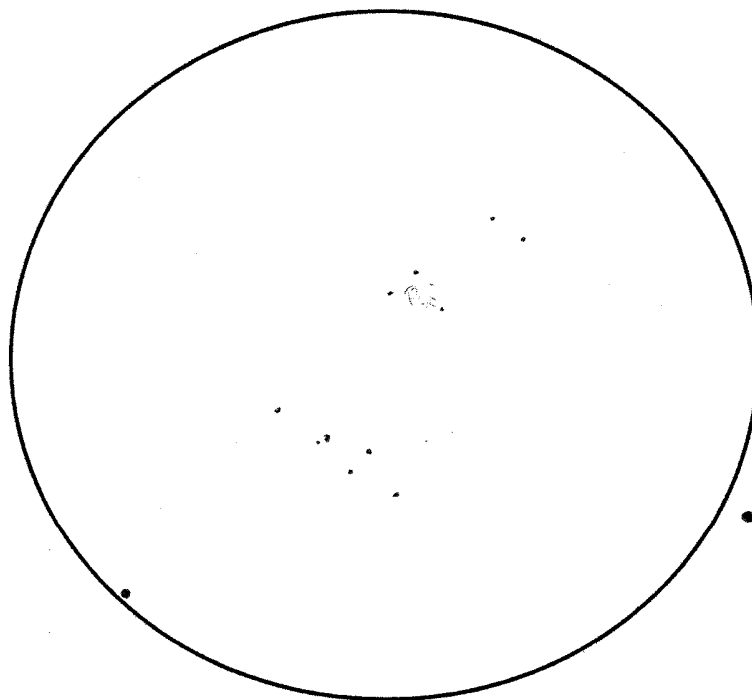
DATE 3/26/6 TIME 9:30 CST CDT CLARITY I 0 II III IV V SEEING I 0 II III IV V

INSTRUMENT ETX-125 50 x 800 mm RR 10x50 EYE XT-12

POWER 10 47 73 153 190 316 475 20 30 64 80 133 200 58

OBJECT Ru 1 FILTER NO NB WB OIII

OBS. PROGRAM OCOC LOCATION KMCC HOME



Front glow "inside" A of 11m! No detail

Tr = I 1 p

Observing Log

Object type: Open Cluster

OCOC

Object ID: Rv3

Const.: CMa

RA: _____ Dec.: _____

Mag: _____ Size: _____

Observer B Yount

Date 1/12/8

Time 3:40 LT

Location RNCC

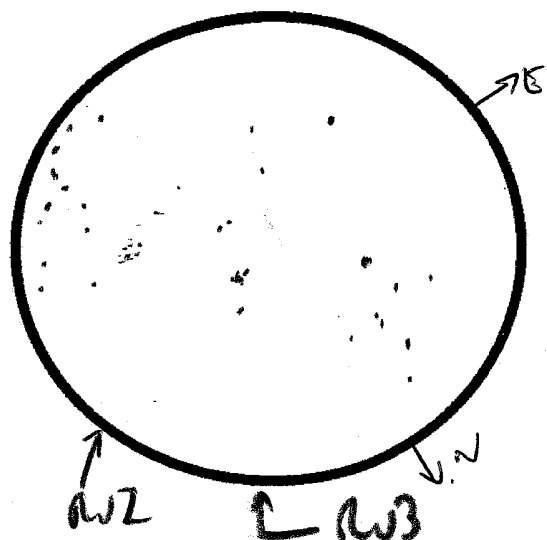
Seeing II Transparency I-

Instrument XST

Size 12

Eyepiece 212

Field of view _____ Power 37



- Can this cluster be easily distinguished from the background stars? slightly
- What is the overall shape of the object? clump
- How many stars can you count in the cluster? 5
- Are the stars more concentrated in any one particular area? No
- Is this cluster resolved fully or is there some background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? Rv2

Description Rv3 a small clump w/ Rv2 dimmer larger
& less resolvable to west
TR=IIp

Observing Log

Object type: Open Cluster

OCOC

Object ID: B19 = Buraikan 9 or Berk 30

Const.: Mon

Observer B. Young

RA: _____ Dec.: _____

Date 1/12/8

Mag: _____ Size: _____

Time 3:15 J

Location RMCC

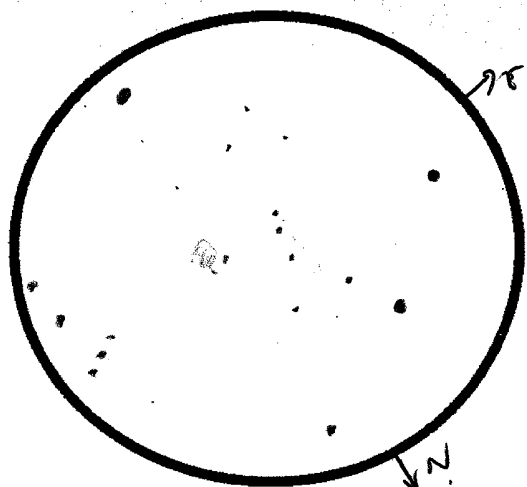
Seeing II Transparency I-

Instrument XT-12

Size 12

Eyepiece 42

Field of view _____ Power 37



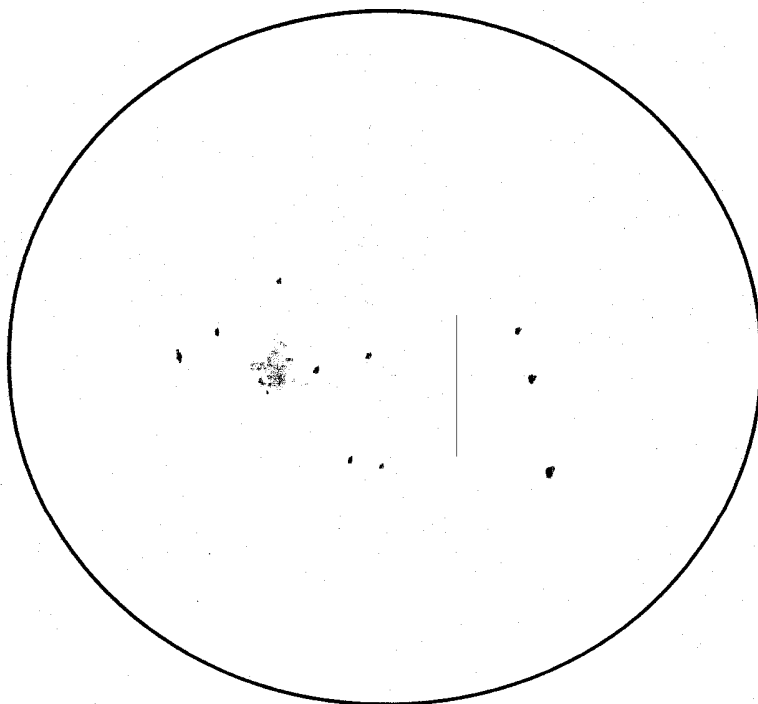
- Can this cluster be easily distinguished from the background stars? NO
- What is the overall shape of the object? Fuz
- How many stars can you count in the cluster? Nine
- Are the stars more concentrated in any one particular area? No
- Is this cluster resolved fully or is there some background nebulosity noticed? No
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Very small LDM - see confirmation

view @ 73x Attached

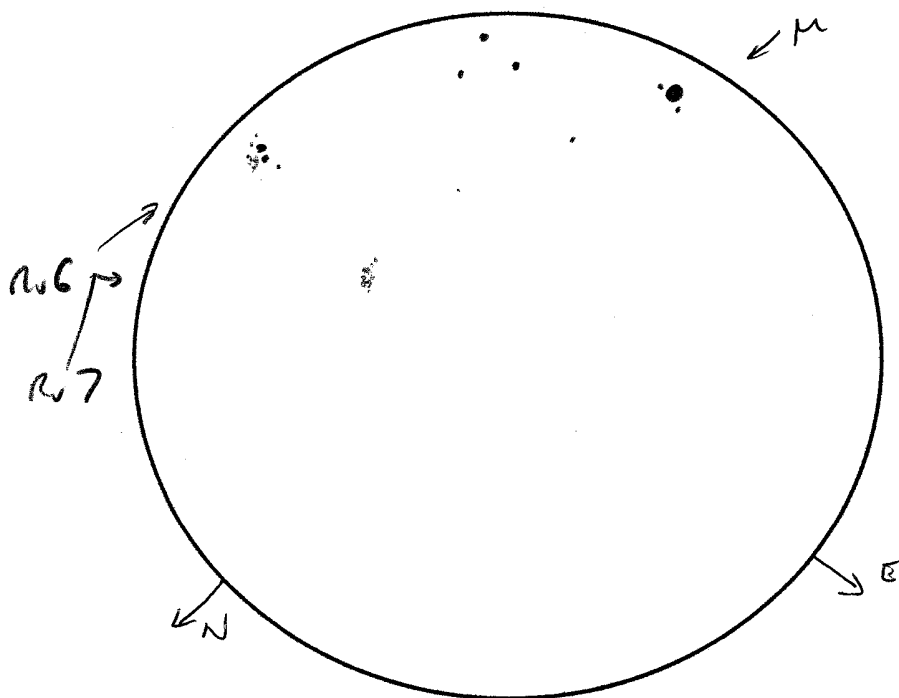
TR = IV 1p

DATE 1/12/8 TIME 8:45 (CST) CDT CLARITY I II III IV V SEEING II III IV V
INSTRUMENT ETX-125 50 x 800 mm RR 10x50 EYE 15-12
POWER 10 47 73 153 316 475 12" 20 30 64 80 133 200
OBJECT B. 9 w/2" Barlow FILTER NO NB WB OIII ____
OBS. PROGRAM OCOC LOCATION RMCC HOME ____



VERY SMALL FAINT GLOW (STILL) w/MAYBE
4 STARS RESOLVED - JUST TO VERIFY
FOR OCOB

DATE 3/25/6 TIME 9:46 (CST) CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 50 x 800 mm RR 10x50 EYE Xr-12
POWER 10 47 73 153 190 316 475 20 30 64 80 133 200 38
OBJECT Ru7 FILTER NO NB WB OIII ____
OBS. PROGRAM OCOC LOCATION RMCC HOME ____



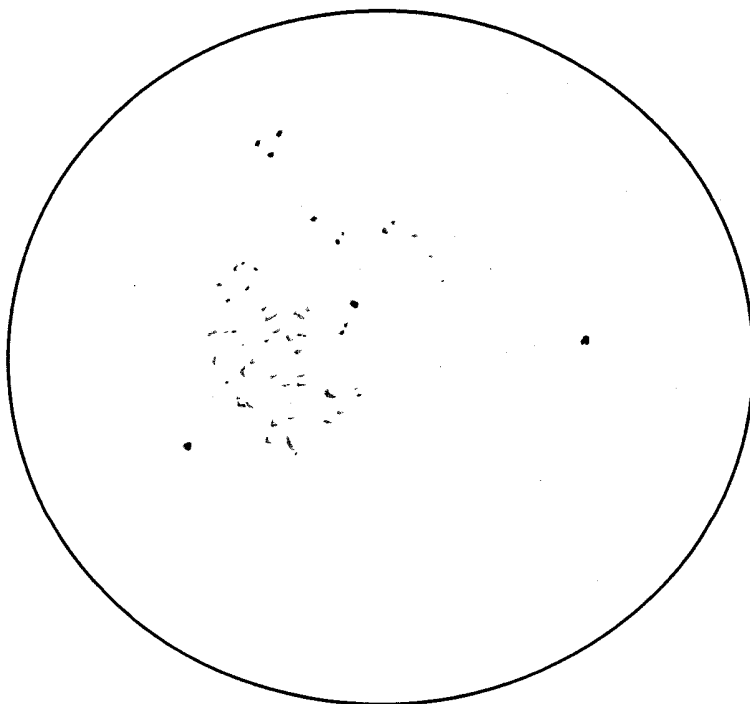
Very small - dm glow only a few res'd

Ru6 to W brighter w/ "bees" around inner

par μ CMA size triple

$Tr = I 1_f$

DATE 3/24/6 TIME 10:10 CDT CLARITY I II III IV V SEEING II III IV V
INSTRUMENT XT-12 ETX-125 50 x 800 mm RR 10x50 EYE
POWER 38 60 121 150 250 375 10 47 73 153 190 O/P 316 475 ____
OBJECT NGC 2353 FILTER NO VP NB WB OIII ____
OBS. PROGRAM OCOC LOC. RMCO RANCH HOME ____



Nice, easy large cluster spread as in
area of Δ of 6-7 mags ~25 stars resolved
w/ a little glow. $Tr = III \pm p$

Observing Log

Object type: Open Cluster

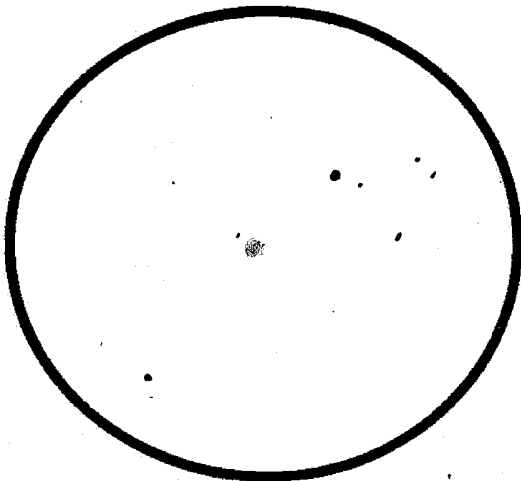
OCOC

Object ID: Tr 6

Const.: CMa

RA: _____ Dec.: _____

Mag: _____ Size: _____



Observer B Yount

Date 4/16/17

Time 10:00

Location RMCC

Seeing II Transparency II

Instrument DOB

Size 12"

Eyepiece 40

Field of view _____ Power 36

- Can this cluster be easily distinguished from the background stars? Yes
- What is the overall shape of the object? Round
- How many stars can you count in the cluster? 2 or 3 red from freeball
- Are the stars more concentrated in any one particular area? No
- Is this cluster resolved fully or is there some med background nebulosity noticed?
- Is there any particular area where you notice an absence of stars in this cluster? No
- Are there any particularly bright stars involved in this cluster? If so, do they show any colors? No
- Are there any other deep-sky objects in the same field of view? If so, what? No

Description Tr = I 1 p