

Object Name: 2P/ Comet Encke
Constellation: _____
R.A./Dec: _____

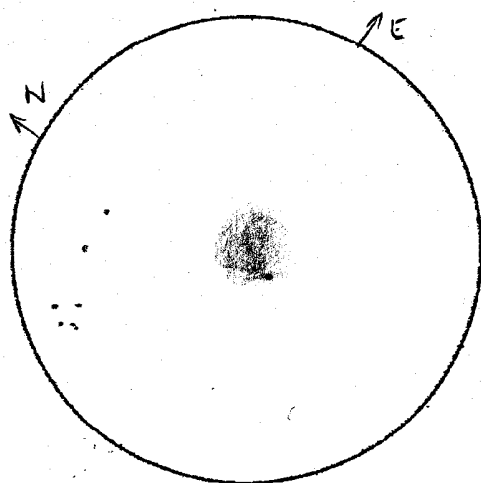
OBSERVATION LOG

Name: B Y
Date: 11/19/03
Time: 7:00 pm CST
Site: RMCC

Instrument: ETX 125
Power: 47x + 73x
Seeing (1-10): 8+
Transparency (1-5): 5

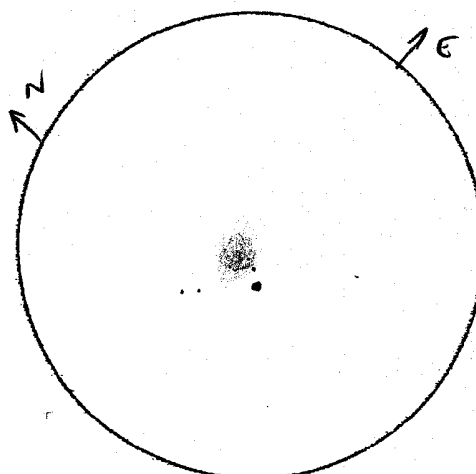
FIELD DRAWING

Low Power



0.9° field

High Power

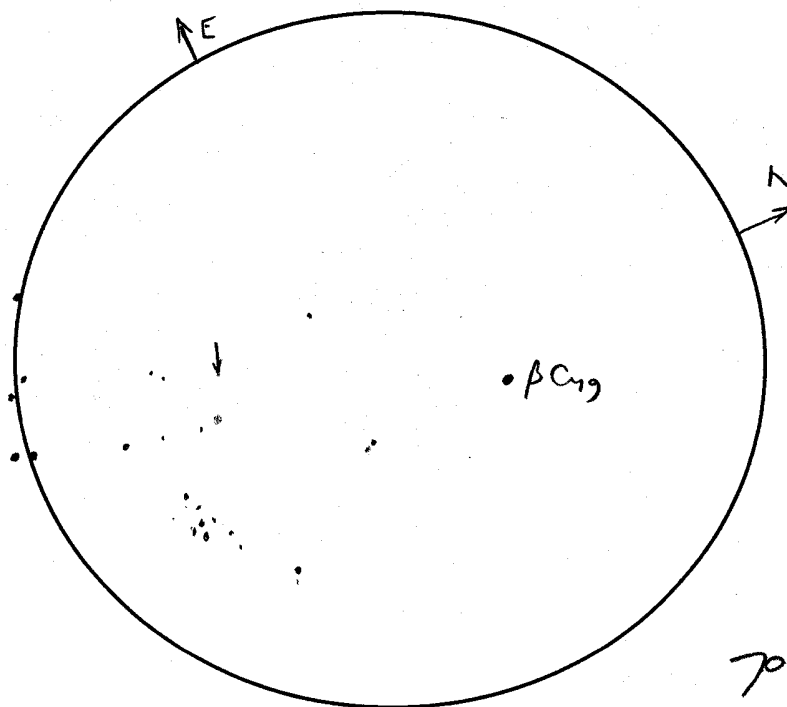


0.9° field

DESCRIPTION

153x too much - no help in nucleus detail
Also seen easily in 10x50's
Near M97 which I saw first by mistake -
beautiful as always.
Comet just amazing - very diffuse & on top
of orange ~5m star.
73x shows nucleus (?) or a dim star just off it!

DATE 11/21/3 TIME ^{7:15-}8:00 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ^{looked w/} ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT Comet 29 Encke LOCATION RMCC HOME



Very bad try (45 mm) w/ 47x E b's - only
thing I can say is maybe seen with 10x50's
where shown.

Object Name: 2P/Comet Encke
Constellation: Aql
R.A./Dec: _____

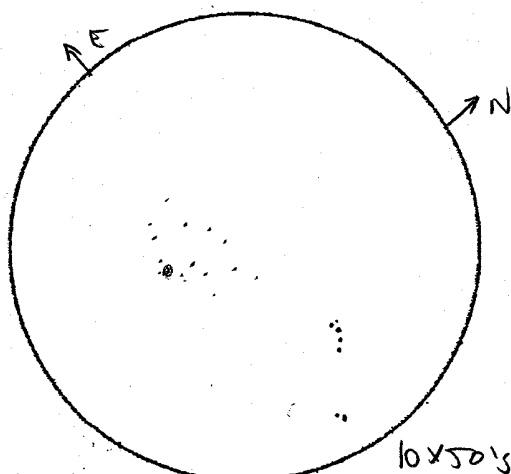
OBSERVATION LOG

Name: By
Date: 11/26/3
Time: 7:10 am CST
Site: Amcl

Instrument: 10x50 AETX-125
Power: 10, 47
Seeing (1-10): 8
Transparency (1-5): 4 (+moon)

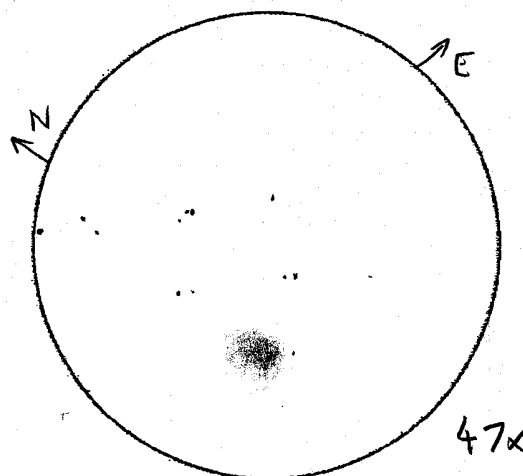
FIELD DRAWING

Low Power



70 fl

High Power



0.9 H₂

DESCRIPTION

Easy, even with 3 day old moon - very bright but
diffuse, star in with nucleus @ 47x

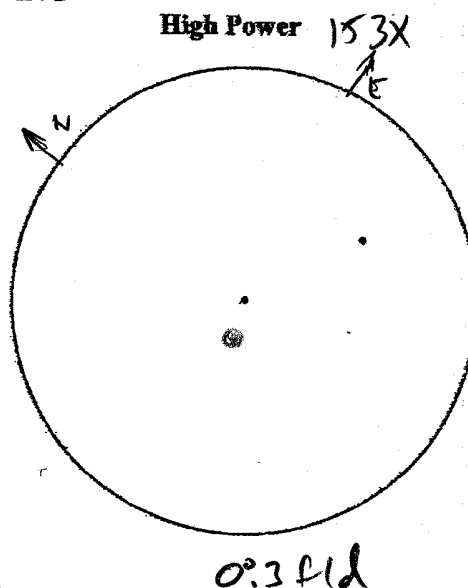
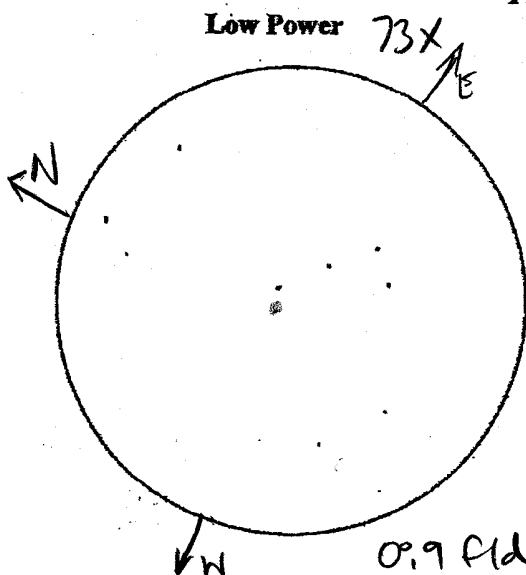
Object Name: Comet C2002 T7 (LINEAR)
Constellation: Per
R.A./Dec: _____

OBSERVATION LOG

Name: By
Date: 11/30/03
Time: 1:00 AM
Site: Home

Instrument: ETX 125
Power: 73, 153X
Seeing (1-10): 6
Transparency (1-5): 4-

FIELD DRAWING



DESCRIPTION

Easily found near 10m asterism - about as
bright as stars - com seen about 2' diameter
Nucleus tiny, starlike. First seen at 11:46 AM
closer to star nearby.

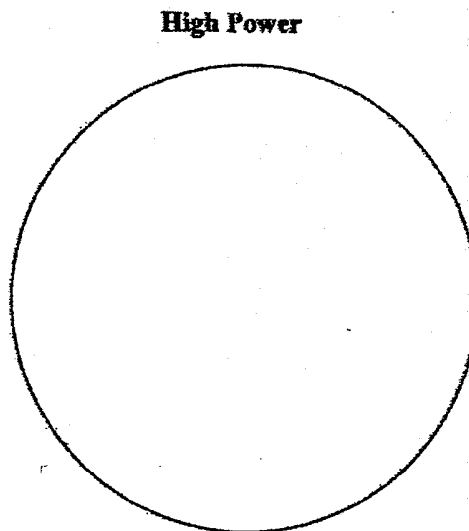
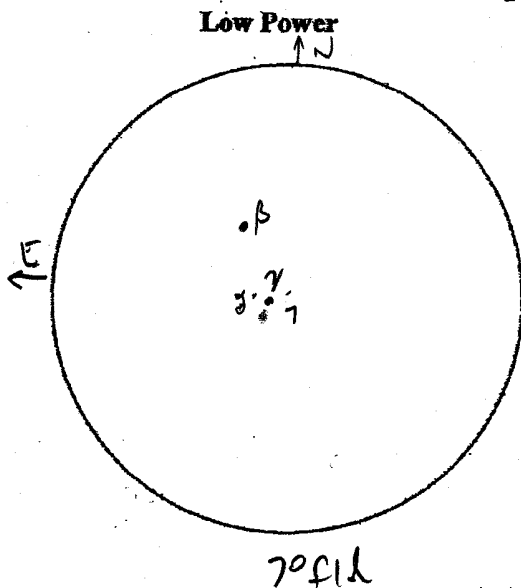
Object Name: Comet 2002T7 LINEAR
Constellation: _____
R.A./Dec: _____

OBSERVATION LOG

Name: B Y
Date: 12/11/3
Time: 7:35 CST
Site: Home

Instrument: BINOCES (50mm)
Power: 10X
Seeing (1-10): 8
Transparency (1-5): 5

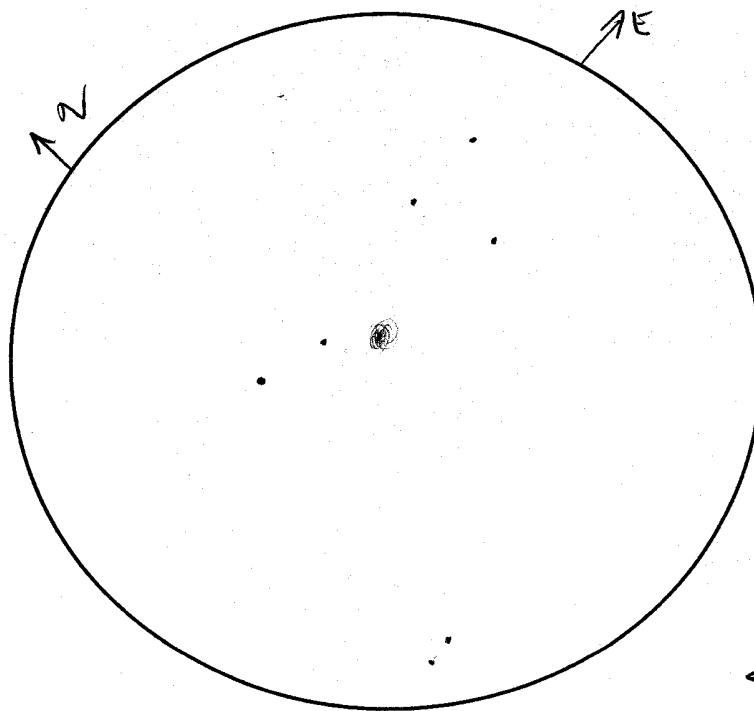
FIELD DRAWING



DESCRIPTION

Seen - small in binocs but I got it in downtown
w/ 10x50's! Definitely 8m

DATE 12/14/3 TIME 9:45 CDT CLARITY 10 III IV V SEEING 10 III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT Comet 2002T7 LOCATION RMCC HOME



0.9 fid

← COOL WIDE DBLS

Comet size coma seen -

amazing fields to SW
also!

DATE 12/19/3 TIME 7:55 CDT CLARITY 0 I II III IV V SEEING I 0 II III IV V
60 43210 1086420
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 475X NEB FILTER
OBJECT Comet 2002 T7 (LINEAR) LOCATION RMCC HOME _____



Seen but small and no tail M33 blows it away!

Also seen in KC's 14" Dob - bigger but
not much more detail.

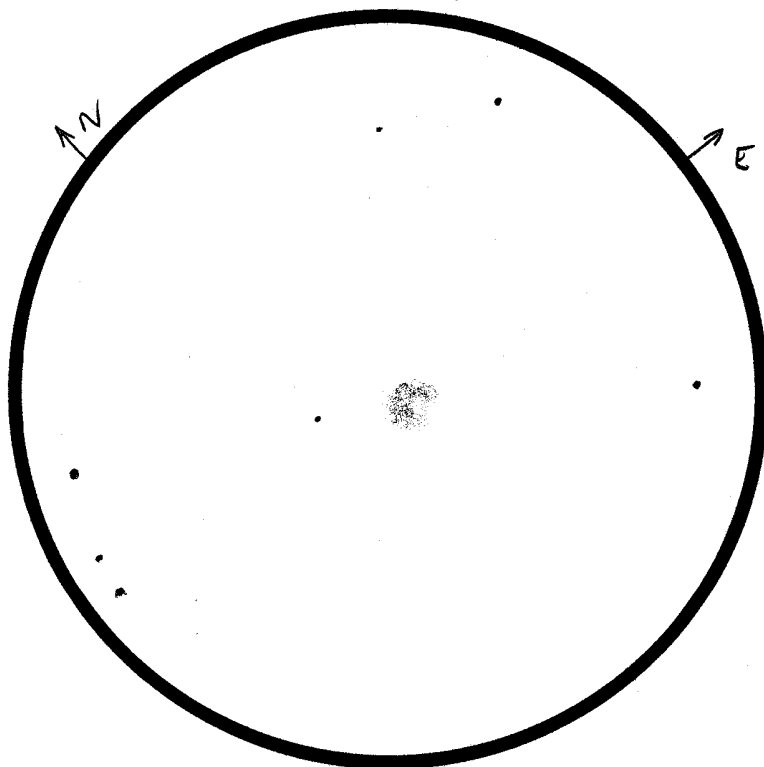
DATE 12/24/13 TIME 6:40 CDT CLARITY 0 II III IV V SEEING 0 III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 5 4 3 2 1 0 10 8 6 4 2 0
OBJECT Comet 2002T7 (LINEAR) LOCATION RMCO HOME _____

AN

NE

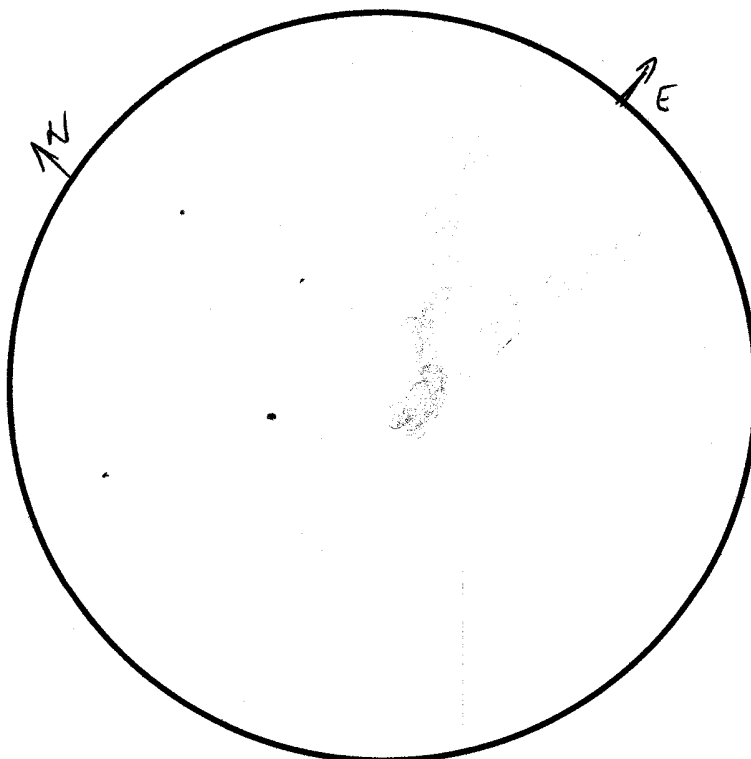
Lovely - seen easily in finder 2° S of M33
M33 Spectacular in 47x (not drawn) & in finder
Comet has short nub at tail as shown

DATE 1/21/4 TIME 8:15 CS CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 316 475
OBJECT Comet 2002 T7 (LINEAR) FILTER NO NB WB OIII ____
OBS. PROGRAM ComET LOCATION RMCC HOME ____



Getting low-WB Filter helps bring it out -
large diffuse coma

DATE 1/21/4 TIME 8:20 (CST) CDT CLARITY I (II) III IV V SEEING I (II) III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 (153) 316 475
OBJECT Comet 2002 T₇ (LINEAR) FILTER NO NB (WB) OIII ____
OBS. PROGRAM Comet LOCATION RMCC HOME ____



NOW VERY LARGE & DIFFUSE WITH EX. SUBTLE
HINT OF A TAIL (MAYBE SPLIT ???)
VERY DIFFICULT HERE AT HOME TO JUDGE
DETAILS

DATE 1/23/9 TIME 8:00 (CST) CDT CLARITY I II III IV V SEEING I II III IV V
6 5 4 3 2 1 0 10 8 6 4 2 0
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 475X NEB FILTER
OBJECT Comet 2002T7 (linear) LOCATION RMCC HOME _____

47x

↗ N

↗ E

NE

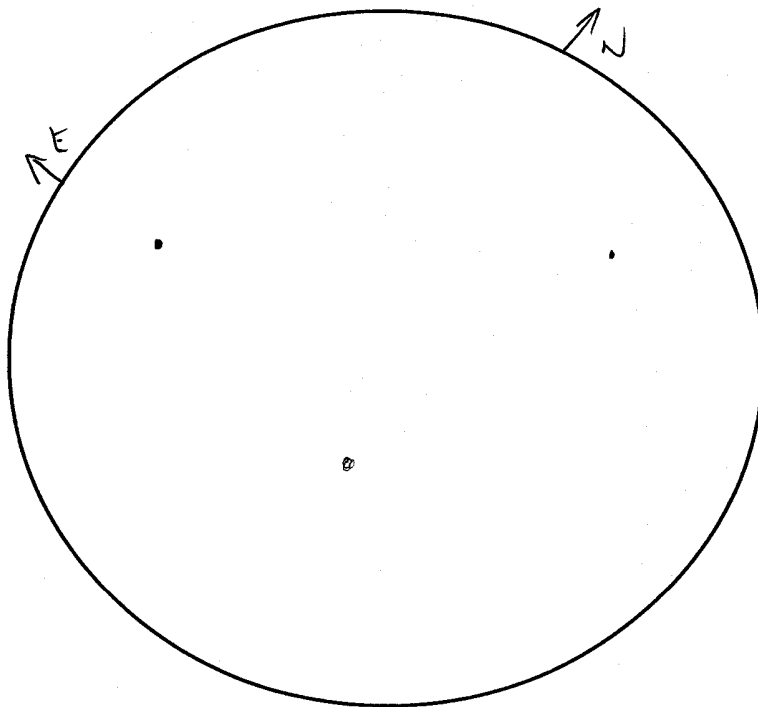
← tail
~ 1 field
to NE
beyond
dm

73x letail (no push)

tail lost in 73x

fast 1/2 field →

DATE 4/27/4 TIME 5:45 CST CDP CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE C POWER 10 47 73 153 316 475
OBJECT Comet (LINEA) ^{Snehat} 200257 FILTER NO NB WB OIII ____
OBS. PROGRAM Comet LOCATION RMCC HOME ____

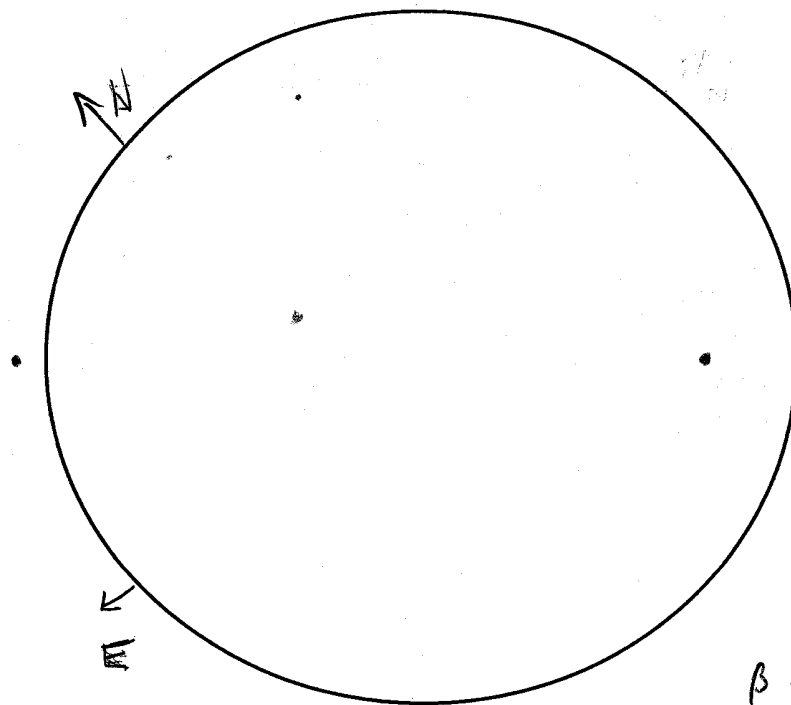


MAYBE A VERY Faint small coma

~6 mag extremely low & difficult in b5/

naked eye almost seems more certain (w/av)

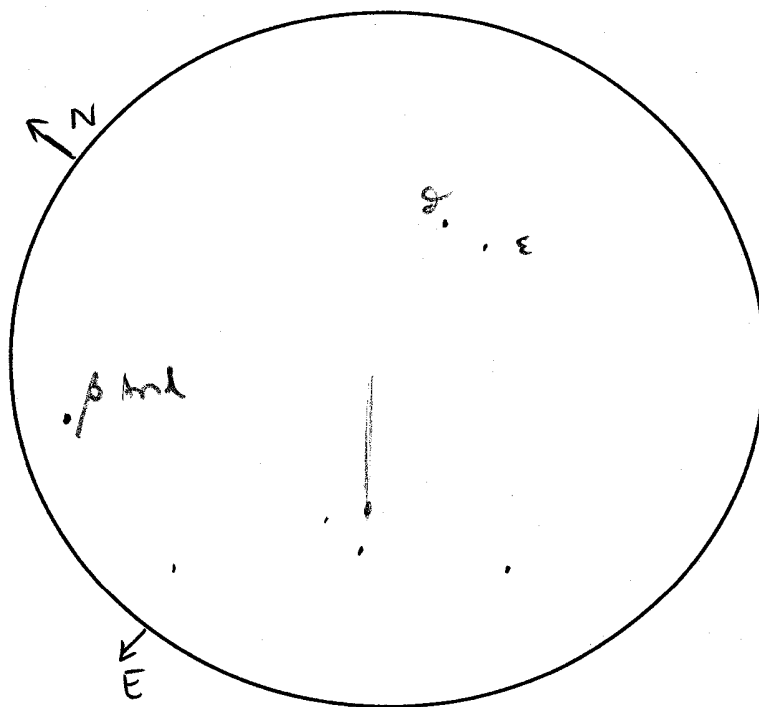
DATE 4/25/4 TIME 5:52 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 316 475
OBJECT Comet Bradfield/2004 F4 FILTER NO NB WB OIII
OBS. PROGRAM Comets LOCATION RMCC HOME



And 8. E
63 65
β
12
fsc
↑

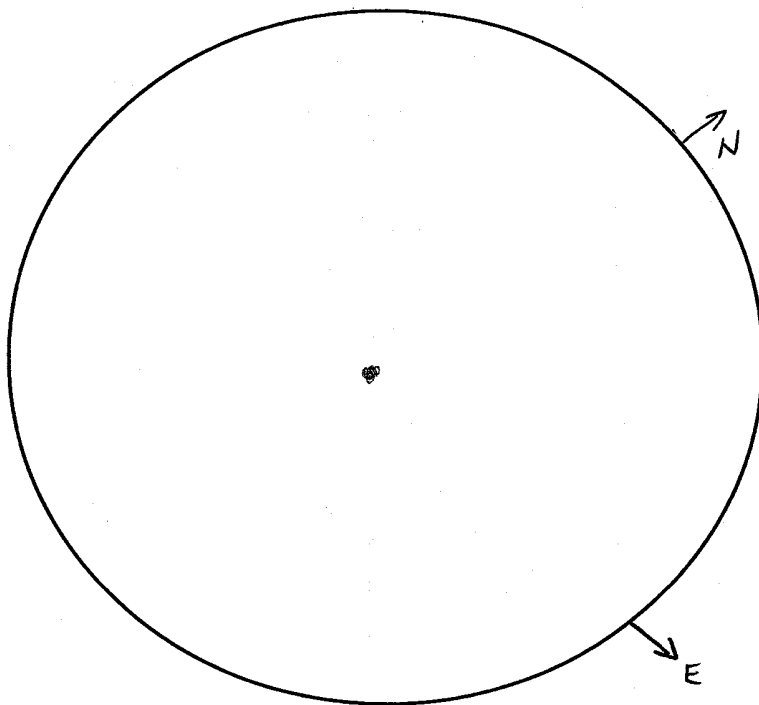
Not at all bright or easy - low m at 5 in
med. twilight. I almost say easier seen w/
naked eye (exp. w/AV) up until 6:04 am.
Small, coma only, seems to have fan
shape pointing down towards sun

DATE 4/27/4 TIME 5:40 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 316 475
OBJECT COMET BRADFIELD 2004 F4 FILTER NO NB WB OIII
OBS. PROGRAM COMET LOCATION RMCC HOME



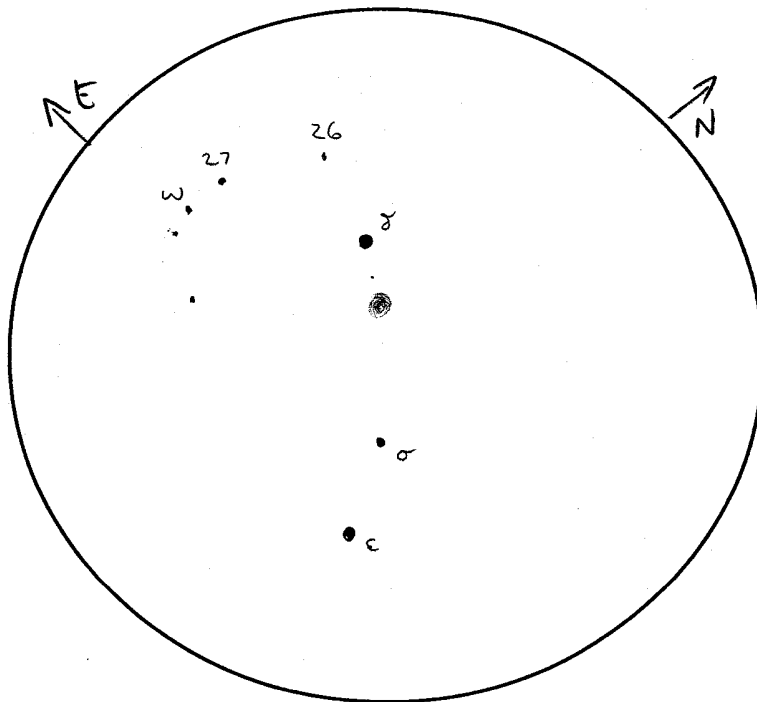
LONG THAN TAIL SEEN W/AN - BETTER
THAN SMALL GLOB NUCLEUS IN 13'S
VERY HARD TO MAKE OUT

DATE 4/27/4 TIME 5:55 CST CDD CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 316 475
OBJECT Comet Brabell 2004 F4 FILTER NO NB WB OIII
OBS. PROGRAM Comet LOCATION RMCC HOME



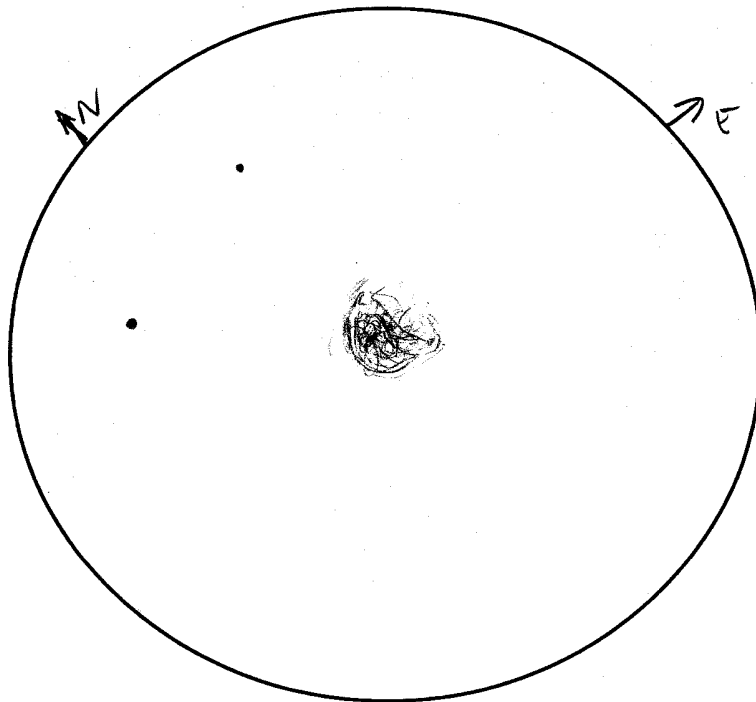
Very low contrast - but confirms bnoc (bnl)
and VBrat (ok) sights

DATE 5/4/4 TIME 9:15 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 316 475
OBJECT Comet NEAT (2001 QZ) FILTER NO NB WB OIII
OBS. PROGRAM Comet LOCATION RMCC HOME



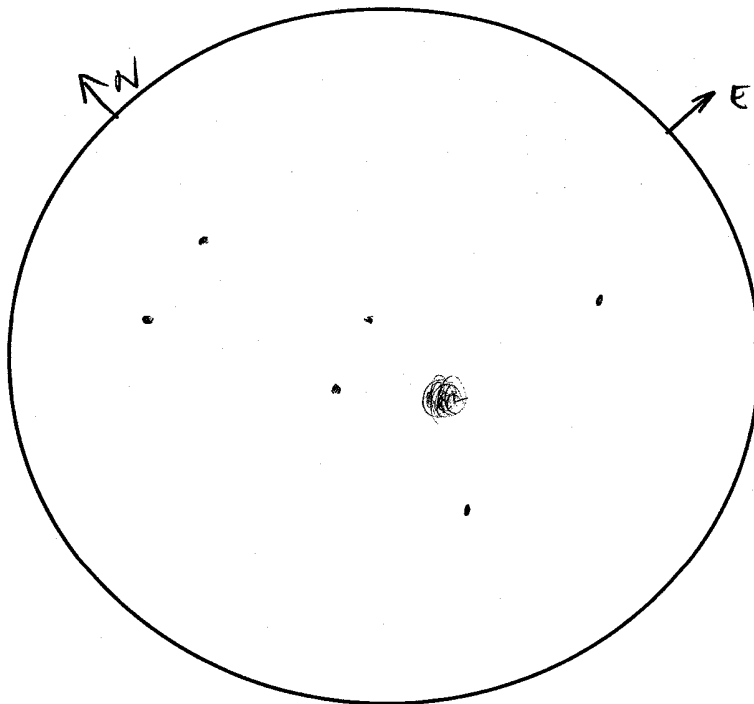
AMAZING - FUZZBALL SEEN FIRST @ 8:56 pm CDT
CERTAIN BY 9:05 - @ 9:15 I WAS TRYING TO
GRAB W/N.E. (NO WCK) COMA ~ 10' - NUCLEUS
MUST BE STARLIKE CAUSE I CAN'T SEE IT. WILL
USE ETX TOMORROW - GREAT COMET!
COULDN'T ASK FOR BETTER CONDITIONS!

DATE 5/5/4 TIME 9:20 CST CDT CLARITY I II III IV V ^{+LOW} SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 316 475
OBJECT COMET NEAT 2001Q4 FILTER NO NB WB OIII
OBS. PROGRAM COMET LOCATION RMCC HOME



STILL NEBULOUS COMA - SMALL BRIGHT NUCLEUS,
SOME "BOW SHOCK" CHARACTER TO IT SURROUND
+ incres'd glow all around - fairly even

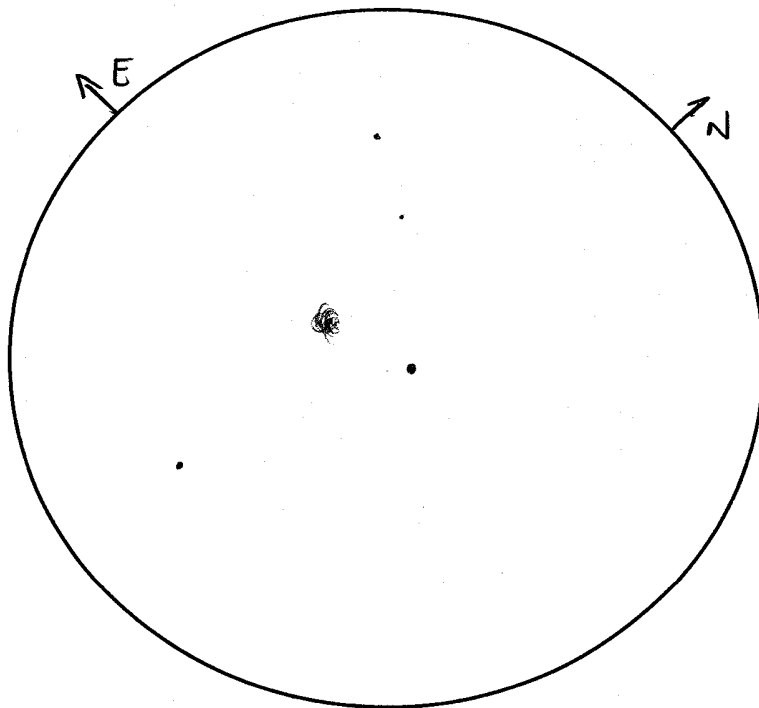
DATE 5/5/9 TIME 7:30 CST CDT CLARITY I II III IV V ^{very low} SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 316 475
OBJECT Comet NEAT 2001 Q4 FILTER NO NB WB OIII
OBS. PROGRAM Comet LOCATION RMCC HOME



9:00 cor
(first
view)

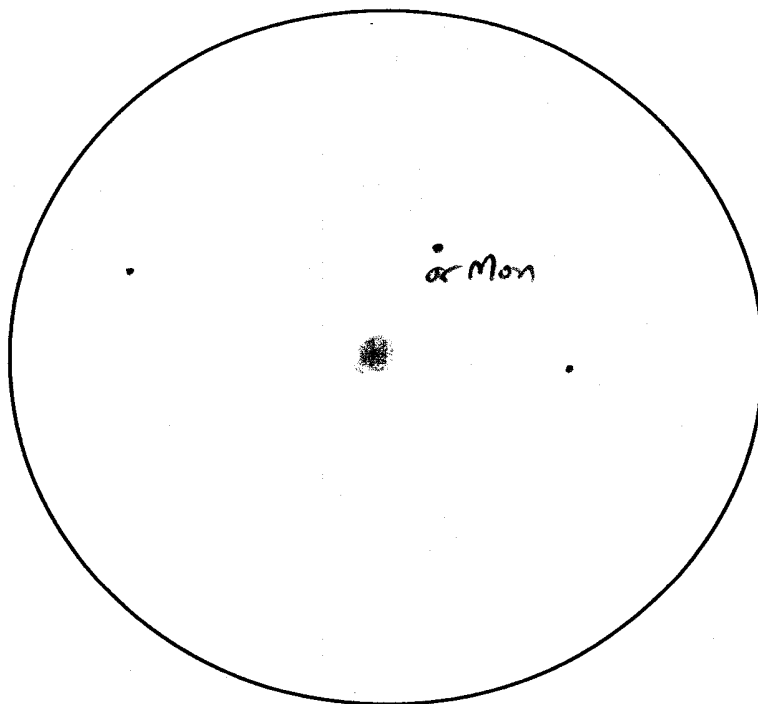
Nebulous glow w/ little detail, small bright
nucleus, nice field, obviously moved in
30 minutes

DATE 5/6/4 TIME 9:03 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 316 475
OBJECT Comet NEAT 2001 Q4 FILTER NO NB WB OIII
OBS. PROGRAM Comet LOCATION RMCC HOME



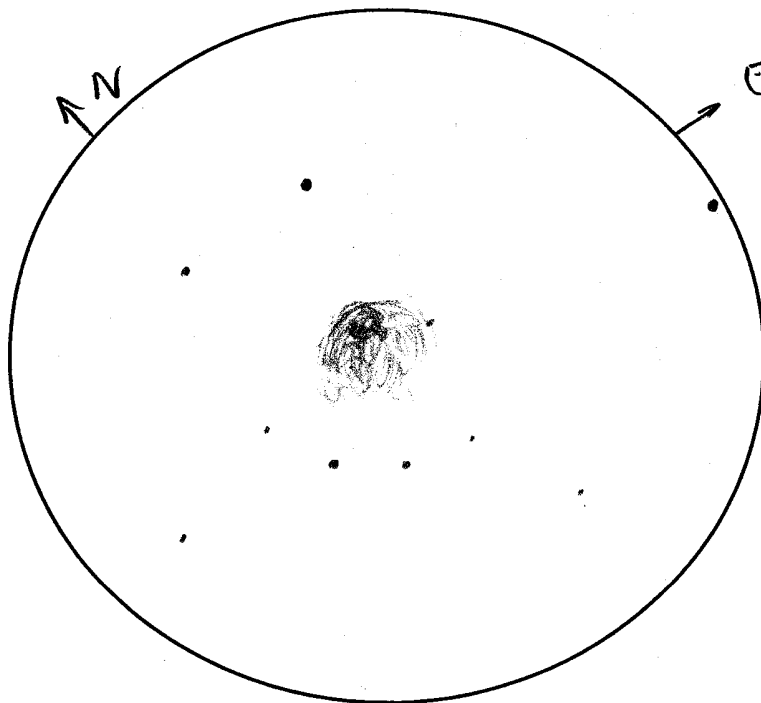
BRIGHTER BUT I DON'T THINK BIGGER THAN
LAST NIGHT - GETTING BRIGHTER - STILL UP
AT 9:35 pm - HAD MOVED ALMOST TO
RIGHT ANGLE WITH TWO BRIGHTER F.S.

DATE 5/7/14 TIME 9:35 CST CDT CLARITY I II III IV V SEEING II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 316 475
OBJECT COMET NEAR ZOO FILTER NO NB WB OIII
OBS. PROGRAM Comet LOCATION RMCC HOME



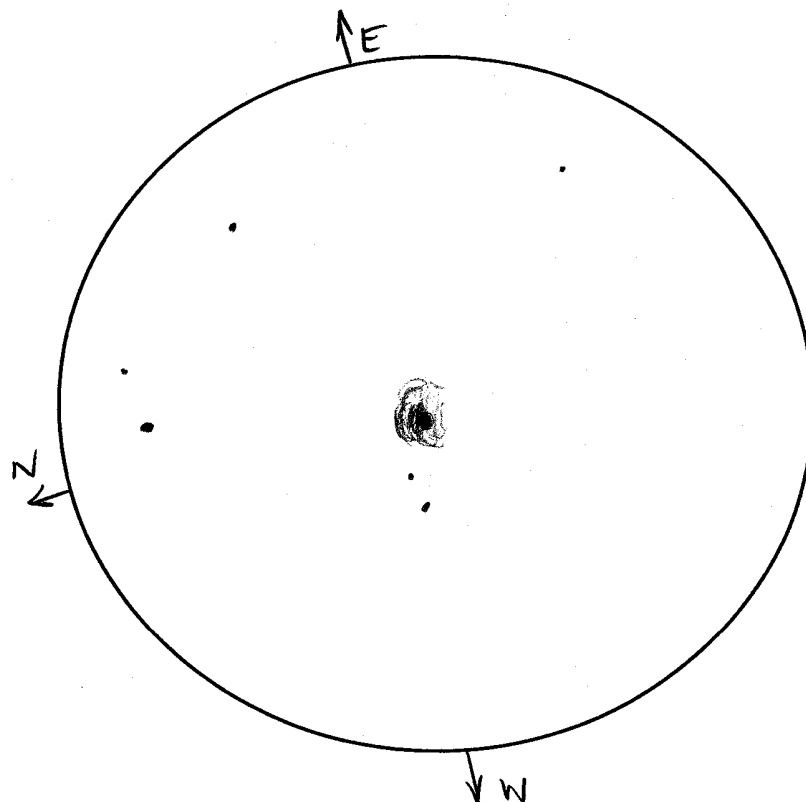
EXCELLENT VIEW - 10x50 & ONLY TWILIGHT
SKY MURKING UP - STILL SAW EASY COMET
BEGINNING @ 9:03 CDT - LATER W/NAKED
EYE (DARKLY - W/AV)

DATE 5/8/4 TIME 9:17 CST CDT CLARITY I II III IV V SEEING III III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 316 475
OBJECT Comet NEAT 2001 Q4 FILTER NO NB WB OIII
OBS. PROGRAM COMET LOCATION RMCC HOME



Amazing at RMCC - not a perfect night
but very grand view, near a star & easy
w/ n. eye (~ 2.5 mag from comp. w/ M44)
10:10 - 10:20 Club's 12" & b's - unbelievable
the star near center here now out & reddish
coma greenish & 1° tail in b's

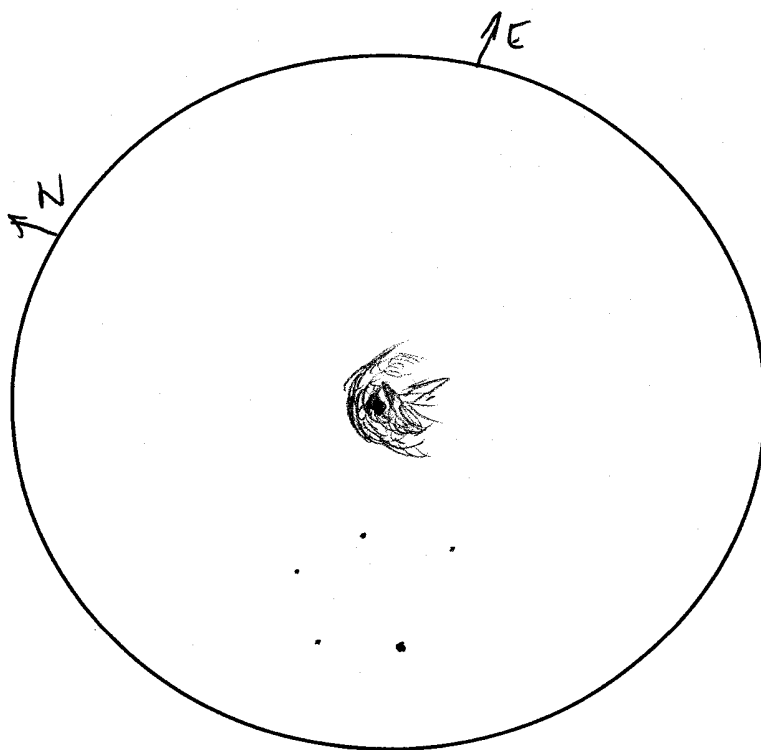
DATE 5/14/14 TIME 9:45 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 316 475
OBJECT Comet NEAR 2001 Q4 FILTER NO NB WB OIII
OBS. PROGRAM Comet LOCATION RMCC HOME



NOT AS MUCH DETAIL AT HOME BUT COMA &

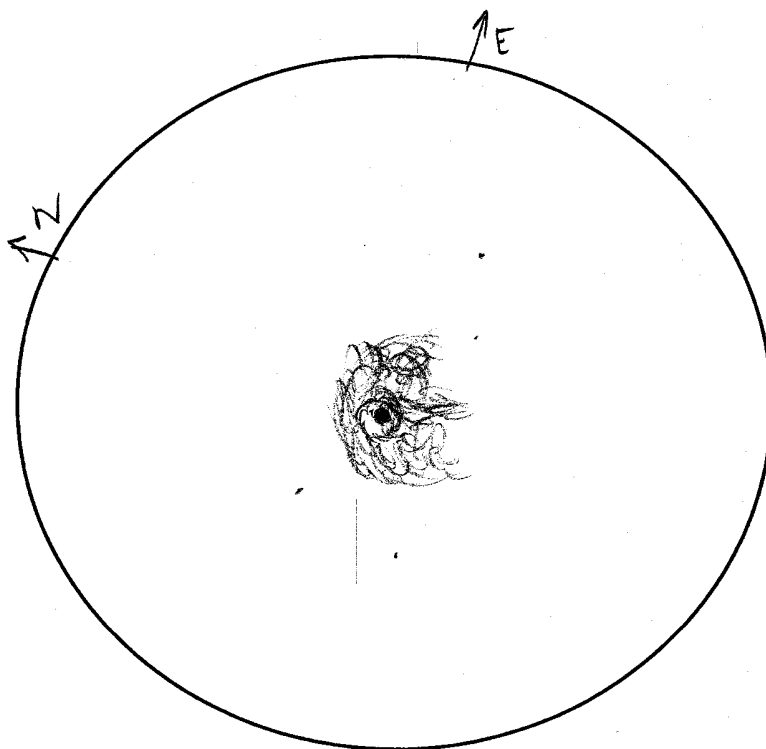
NUCLEUS SEEN WELL.

DATE 5/4/4 TIME 9:50 CST/CDT CLARITY I II III IV V SEEING II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 316 475
OBJECT Comet NEAR 2001Q4 FILTER NO NB WB OIII
OBS. PROGRAM Comet LOCATION RMCC HOME



HIGHER POWER - MORE DETAIL IN COMA INCLUDE A "SPRITE"
AT BASE OF TAILWARD SHEET.

DATE 5/14/4 TIME 9:55 CST CDT CLARITY I II III IV V SEEING III III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 316 475
OBJECT COMET NEAR 2001 Q4 FILTER NO NB WB OIII
OBS. PROGRAM Comet LOCATION RMCC HOME



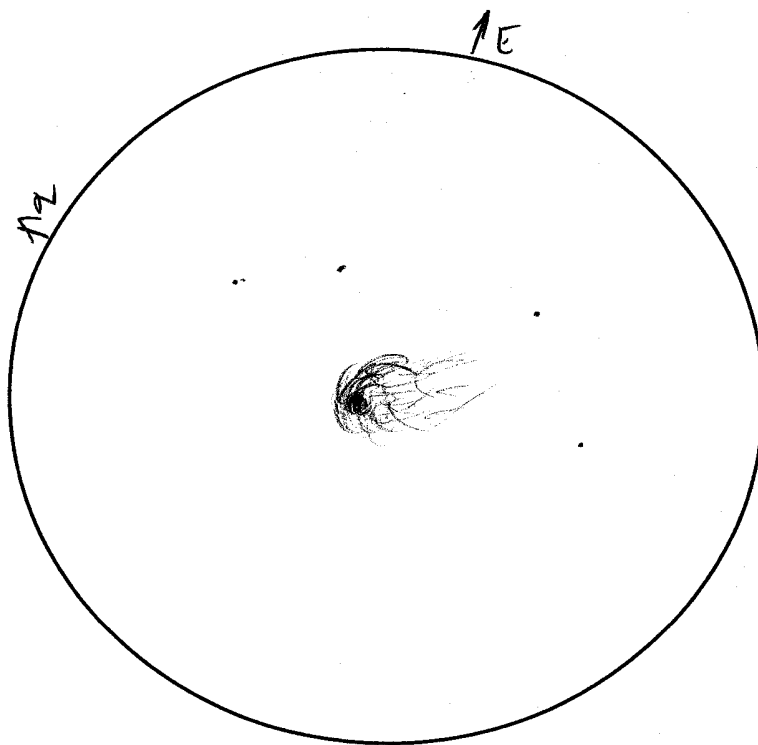
PUSHED AS HARD AS I CAN GO!

DATE 5/18/4 TIME 9:20 CST (C) CLARITY I (II) III IV V SEEING (II) III IV V

INSTRUMENT (ETX-125) 10x50 EYE POWER 10 (47) 73 153 316 475

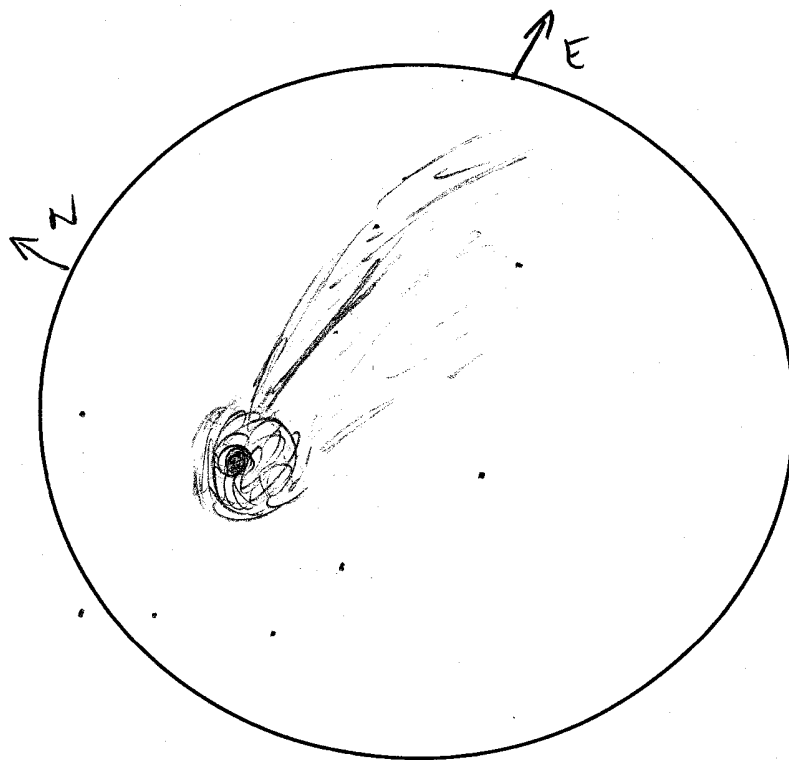
OBJECT COMET NEAR 2001Q4 FILTER (NO) NB WB OIII

OBS. PROGRAM COMET LOCATION (RMCC) HOME



GREAT VIEW - NEAR MU4 w/N.E.

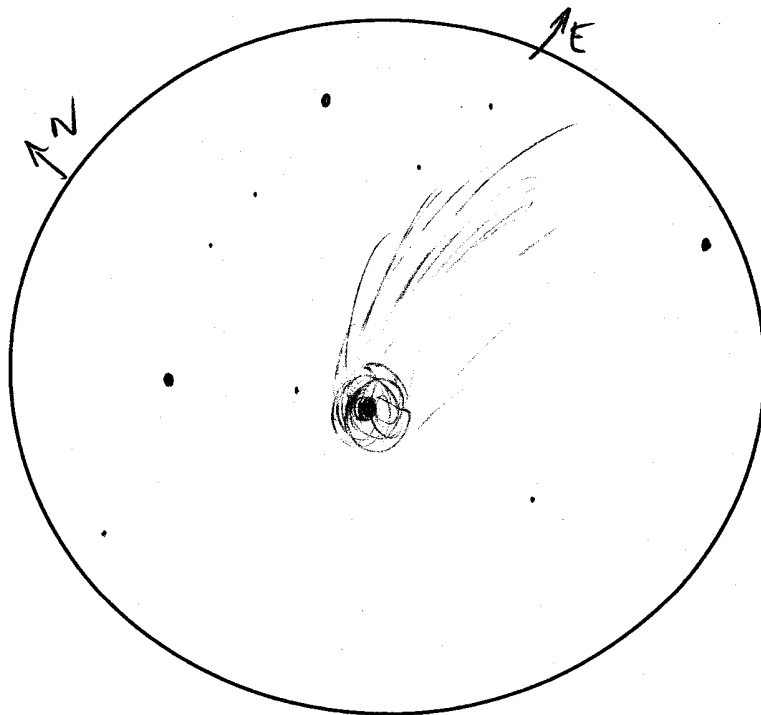
DATE 5/16/5 TIME 10:01 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 316 475
OBJECT Comet NEA FILTER NO NB WB OIII
OBS. PROGRAM Comet LOCATION RMCC HOME



SOME DUST TAIL FORMING (W/SLIGHT CURVE)

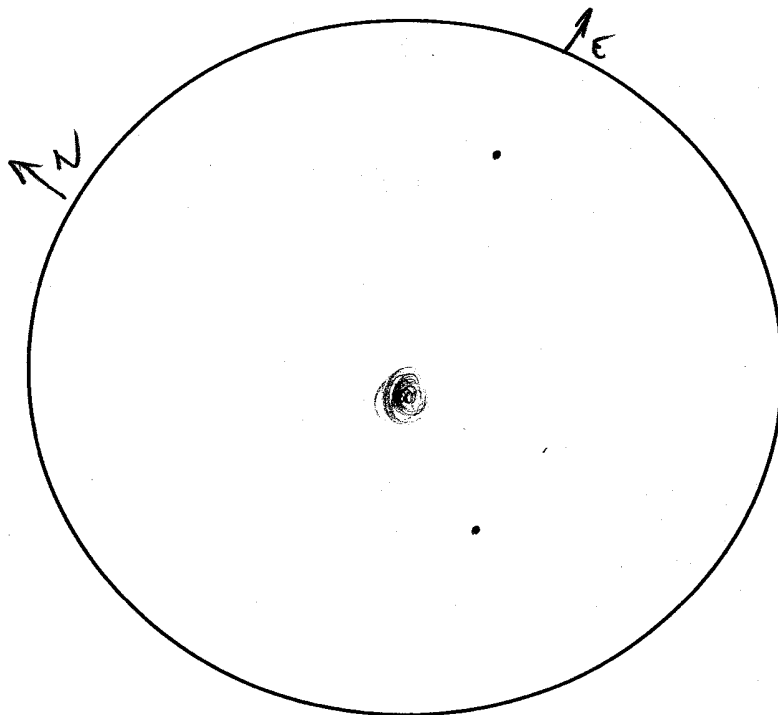
& ION TAIL

DATE 5/20/4 TIME 10:20 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 100x50 EYE POWER 10 47 73 153 316 475
OBJECT COMET NEAT 2001 Q4 FILTER NO NB WB OIII _____
OBS. PROGRAM COMET LOCATION RMCC HOME _____

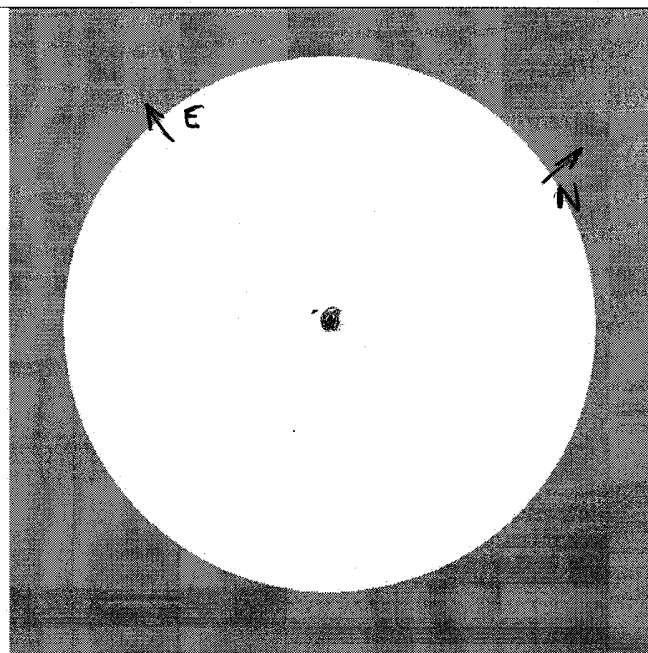


Also saw in 12" @ 40mm eyepiece - more
detail esp. in gas tail (not here) & dust (hmt)

DATE 5/28/4 TIME 10:20 CST CDT CLARITY I II III IV V SEEING I II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10 47 73 153 316 475
OBJECT Comet NEAT 2009 Q4 FILTER NO NB WB OIII
OBS. PROGRAM Comet LOCATION RMCC HOME



Seems a little smaller (coma) but hard to tell
with ^{8d} moon & lights & Friday night spotlights
on a very humid hot night. Still easy in
10x50's (see next) & a great comet!



Observer's name:

B. YOUNG

Comet:

C/2003 K4 (LINEAR)

Date / Time:

7/11/04 4:15 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

10X50 BINOCES / 10x / 7°

Comet sky location (constellation, nearest star, or RA/DEC):

Boo

Sky & Star steadiness

boiling (circle one) steady
5 4 3 (2) 1

Sky transparency

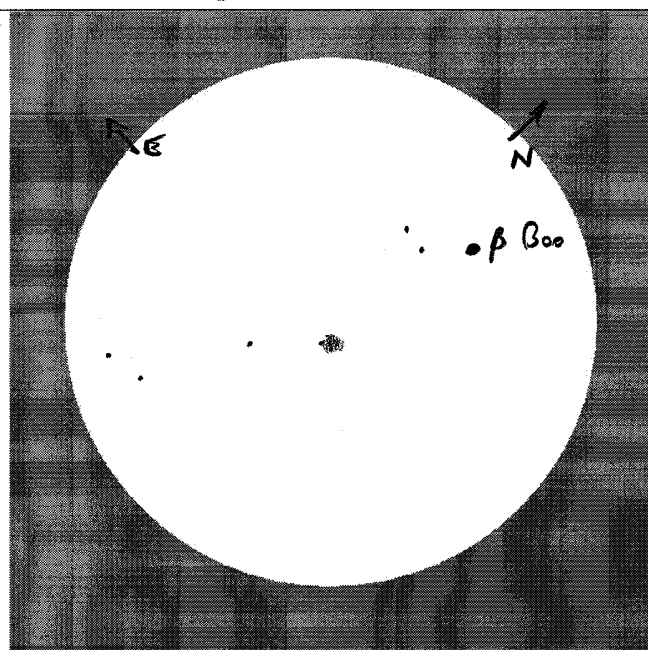
Un-aided zenith magnitude limit: 4.0

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Very faint (in 10x50) large coma ~ 8 mag, just past 8m star

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

Difficult due to omnipresent haze



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

C/2003 K4 (LINEAR)

Date / Time:

7/15/04 3:52 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

10X50 / 10x / 7°

Comet sky location (constellation, nearest star, or RA/DEC):

Boo

Sky & Star steadiness

boiling (circle one) steady
5 4 3 (2) 1

Sky transparency

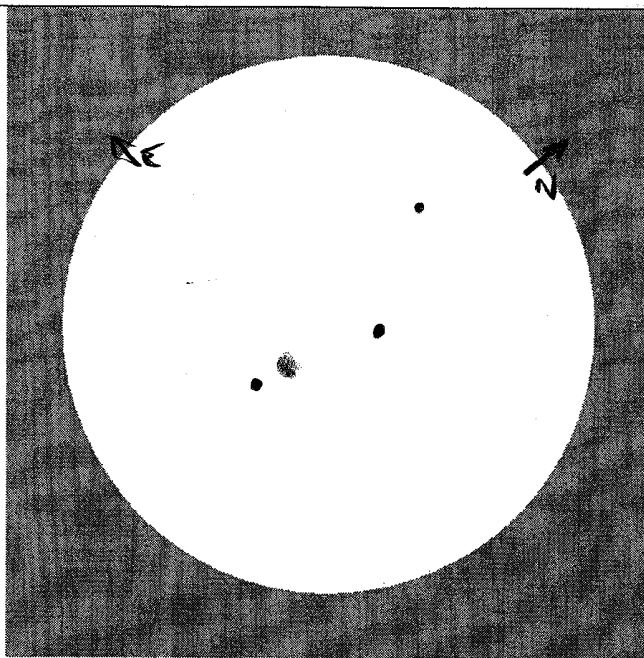
Un-aided zenith magnitude limit: 4.0

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Still easy coma but no tail or detail

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

Be sure to indicate North & East on your drawings.



Observer's name:

B. YOUNG

Comet:

C/2003 K4 (LINEAR)

Date / Time:

7/16/04

3:45 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

10x50 / 10x / 7°

Comet sky location (constellation, nearest star, or RA/DEC):

Boo

Sky & Star steadiness

boiling (circle one) steady
5 4 3 ② 1

Sky transparency

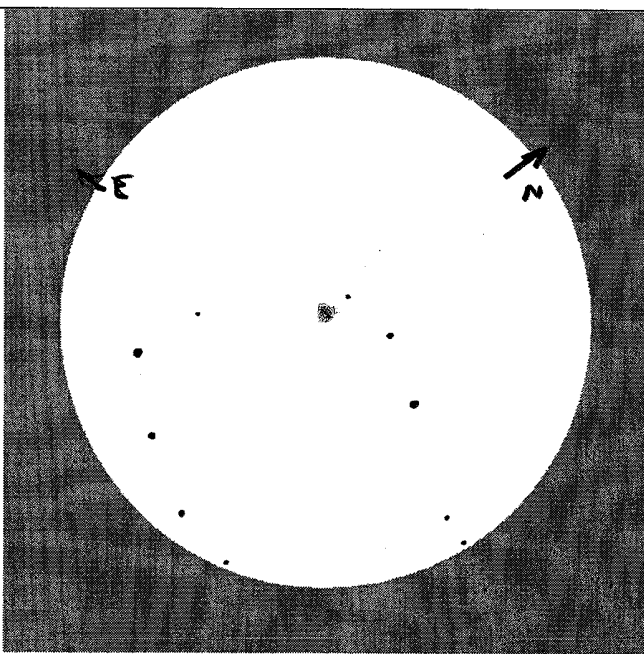
Un-aided zenith
magnitude limit:

3.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Coma only - easy to find but sky haze fuzzed it out

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

C/2003 K4 (LINEAR)

Date / Time:

8/6/04

2:45 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

10x50 / 10x / 7°

Comet sky location (constellation, nearest star, or RA/DEC):

Ser

Sky & Star steadiness

boiling (circle one) steady
5 4 3 ① 1

Sky transparency

Un-aided zenith
magnitude limit:

4.0

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

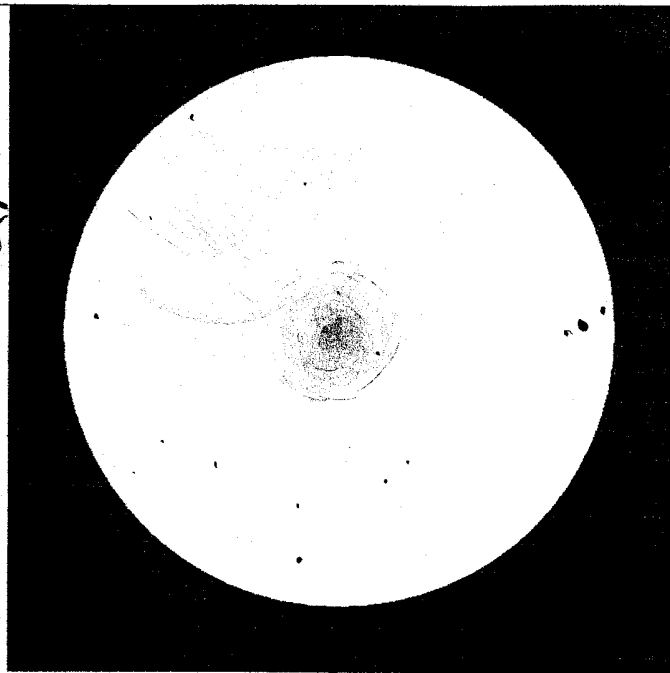
Still see coma but it's getting low now.

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

D. Think because of low / haze

Be sure to indicate North & East on your drawings.

01215



Observer's name: B7

Comet: 2004 Q2 MA (110) 12

Date / Time: 12/4/04 4:26 UT

Observing location: RMCC

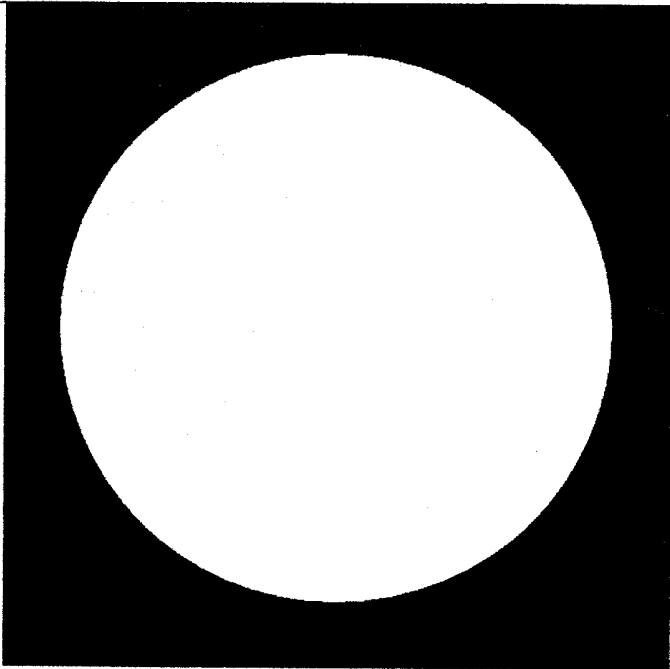
Instrument / eyepiece / magnification / field of view: 67mm / 40mm / 47x /

Comet sky location (constellation, nearest star, or RA/DEC): Cep

Sky & Star steadiness					Sky transparency	
boiling	(circle one)			steady	Un-aided zenith magnitude limit:	G +
5	4	3	2	1		
				1		

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

Date / Time:

Observing location:

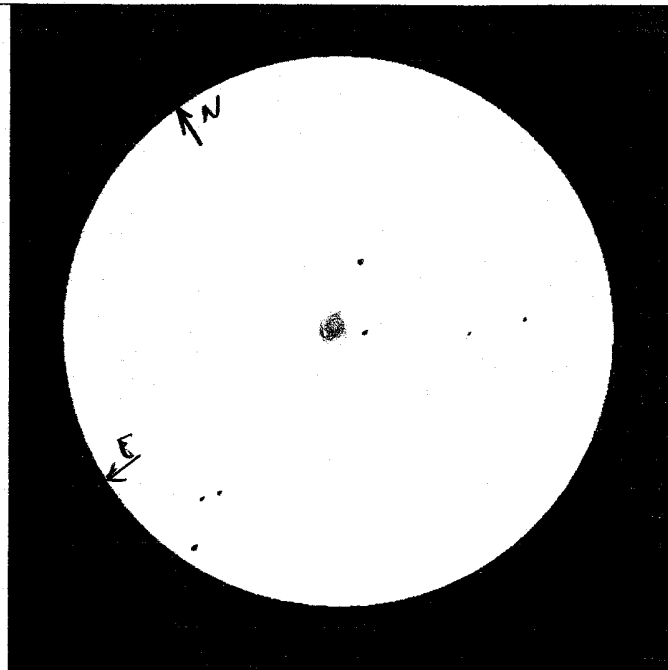
Instrument / eyepiece / magnification / field of view:

Comet sky location (constellation, nearest star, or RA/DEC):

Sky & Star steadiness					Sky transparency	
boiling	(circle one)			steady	Un-aided zenith magnitude limit:	
5	4	3	2	1		

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Observer's name:

BRAD YOUNG

Comet:

COMET MACARTHUR C/2004 Q2

Date / Time:

12/19/04 2:25 UT

Observing location:

RMCE

Instrument / eyepiece / magnification / field of view:

10X50 BINOCS 10X 7°

Comet sky location (constellation, nearest star, or RA/DEC):

ERU

Sky & Star steadiness

boiling (circle one) steady
5 4 3 2 1

Sky transparency

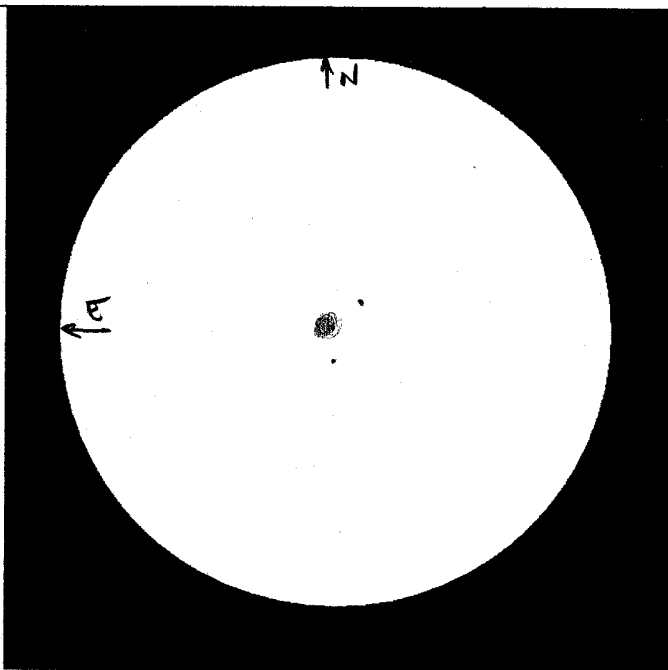
Un-aided zenith
magnitude limit:

5.0 (12.2)

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

5.5 (12.2) LOOK NO W (LOOK MORE LATER)

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

MACARTHUR C/2004 Q2

Date / Time:

12/19/4 4:50 UT

Observing location:

RMCE

Instrument / eyepiece / magnification / field of view:

10X50 BVS 10X 7°

Comet sky location (constellation, nearest star, or RA/DEC):

ERU

Sky & Star steadiness

boiling (circle one) steady
5 4 3 2 1

Sky transparency

Un-aided zenith
magnitude limit:

5.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Same as above but ↑ → obvious motion N

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

!!!!

Be sure to indicate North & East on your drawings.

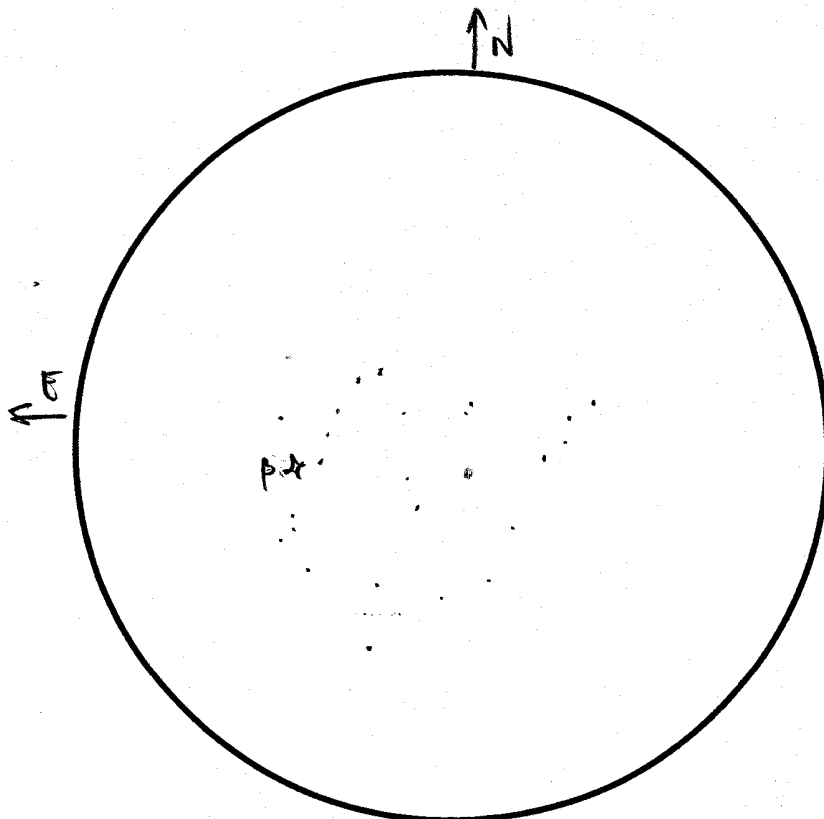
!!!!

DATE 12/19/14 TIME 9:55 CST CDT CLARITY I II III IV V SEEING I II III IV V

INSTRUMENT ETX-125 10x50 EYE (IX) POWER 10 47 73 153 316 475

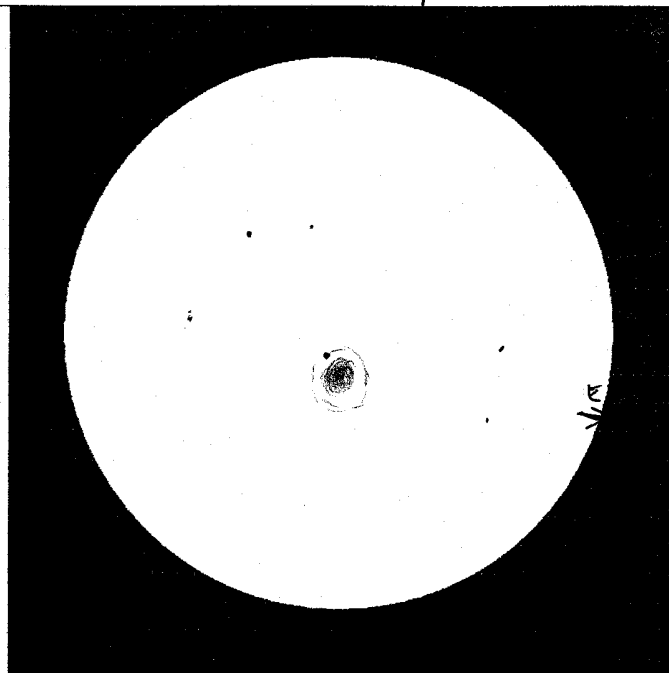
OBJECT Comet Machholz ^{C/2004 Q2} FILTER (NO) NB WB OIII

OBS. PROGRAM Comet LOCATION (RMCC) HOME



Amazing sight w/IX even w/100

1N



Observer's name:

B. YOUNG

Comet:

MACHHOLZ C/2004 Q2

Date / Time:

12/21/04 3:20 UT

Observing location:

HOME 47x

Instrument / eyepiece / magnification / field of view:

ETX-125 / 40mm / 47x /

Comet sky location (constellation, nearest star, or RA/DEC):

ERI

Sky & Star steadiness

boiling

(circle one)

steady

5

4

3

2

1

Sky transparency

Un-aided zenith
magnitude limit:

4.5

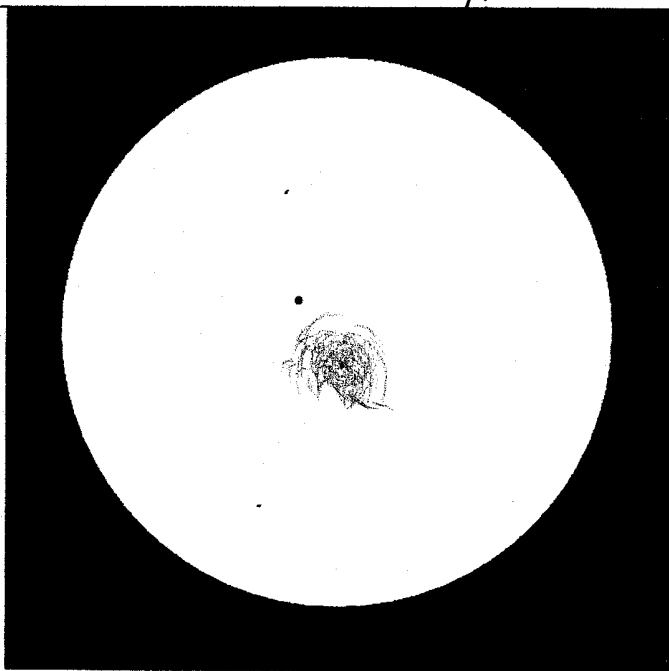
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

5

LOOSE NO W RAND SMOOTH EDGE → COMET

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

1N



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

MACHHOLZ C/2004 Q2

Date / Time:

12/21/04 3:25 UT

Observing location:

HOME 153x

Instrument / eyepiece / magnification / field of view:

ETX-125 / 12.4mm / 153x /

Comet sky location (constellation, nearest star, or RA/DEC):

ERI

Sky & Star steadiness

boiling

(circle one)

steady

5

4

3

2

1

Sky transparency

Un-aided zenith
magnitude limit:

4.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

see above, but point nucleus & graining detail including "flap"

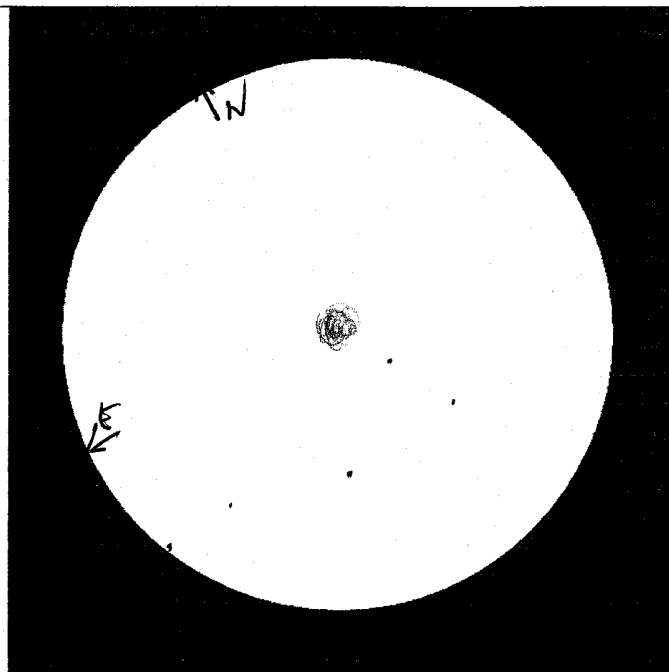
Observing notes (difficulty, observing partners, interesting objects in field, general comments):

EASY

lights on 8 mag star

Be sure to indicate North & East on your drawings.

side on SE & a
dark "hole" of
nucleus inotherwise
fairly even
coma



Observer's name:

B. YOUNG

Comet:

MAETHOLZ C/2004 Q2

Date / Time:

12/25/04 3:27 UT

Observing location:

HOME

Instrument / eyepiece / magnification / field of view:

ETX 125 / 40mm / 47x /

Comet sky location (constellation, nearest star, or RA/DEC):

ERI

Sky & Star steadiness

boiling (circle one) steady
5 4 3 2 1

Sky transparency

Un-aided zenith magnitude limit: 4.0

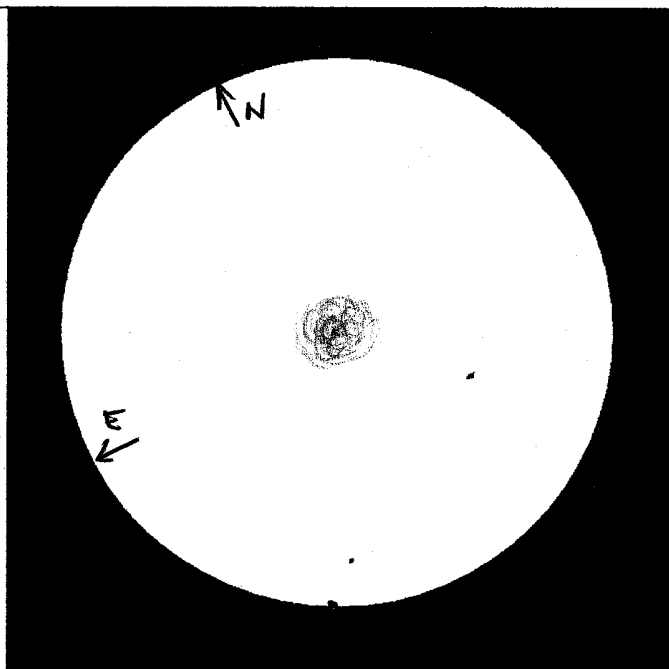
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

13L2

WASITED OUT BY MOON BUT STILL FOUND EASILY

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

IN 8X25 FINDER



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

MAETHOLZ C/2004 Q2

Date / Time:

12/25/04 3:33 UT

Observing location:

HOME

Instrument / eyepiece / magnification / field of view:

ETX-125 / 12.4 / 153x /

Comet sky location (constellation, nearest star, or RA/DEC):

ERI

Sky & Star steadiness

boiling (circle one) steady
5 4 3 2 1

Sky transparency

Un-aided zenith magnitude limit: 4.0

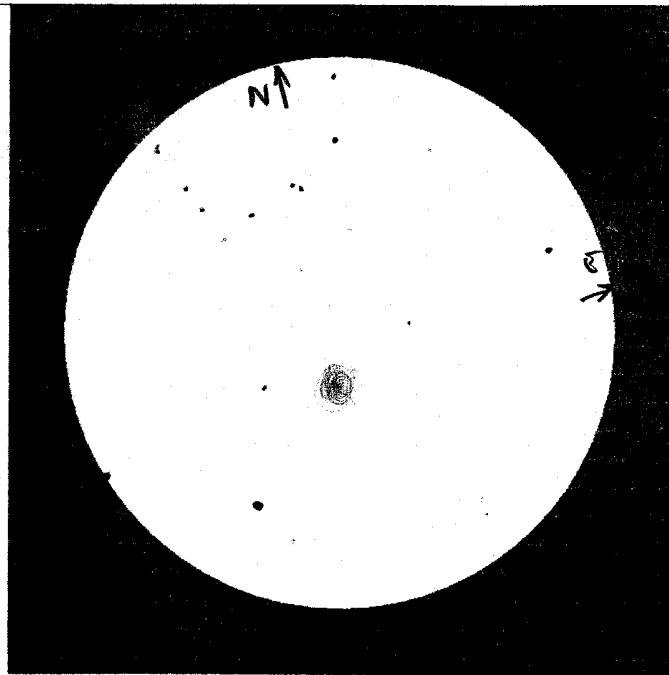
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

NO "DENT" ON S NOW - BECD VERY BRIGHT -

Be sure to indicate North & East on your drawings.

CONTRAST
POOR PLE
TO D



Observer's name:

B. Young

Comet:

MACHHOLZ C/2004 Q2

Date / Time:

12/26/04 3:50 UT

Observing location:

HOME

Instrument / eyepiece / magnification / field of view:

ETX 125 / 10" / 47x

Comet sky location (constellation, nearest star, or RA/DEC):

ERI

Sky & Star steadiness

boiling (circle one) steady
5 4 (3) 2 1

Sky transparency

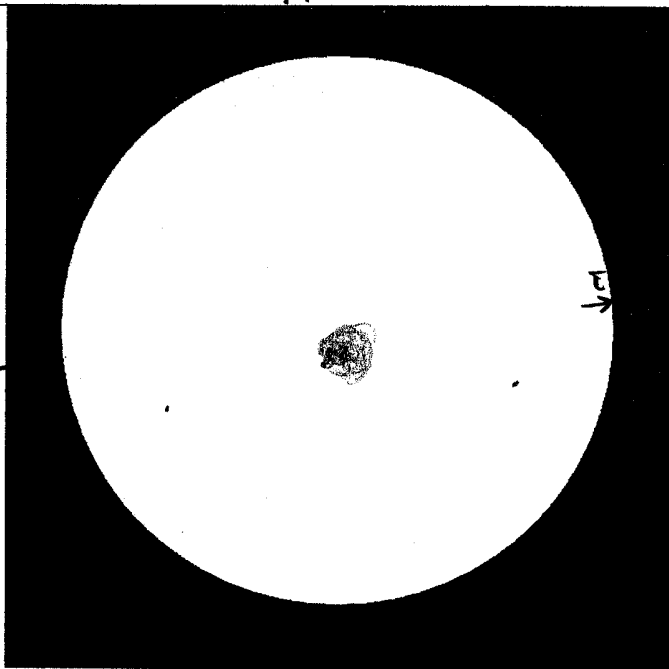
Un-aided zenith
magnitude limit:

4.6 Full D

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

All coma-false nucleus. Not extremely condensed but well defined condensation.

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

C/2004 Q2 MACHHOLZ

Date / Time:

12/26/04 3:57 UT

Observing location:

HOME

Instrument / eyepiece / magnification / field of view:

ETX 125 / 12.4mm / 53x

Comet sky location (constellation, nearest star, or RA/DEC):

Sky & Star steadiness

boiling (circle one) steady
5 4 (3) 2 1

Sky transparency

Un-aided zenith
magnitude limit:

4.0

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

SUBTLE "PUFF" ON W SIDE

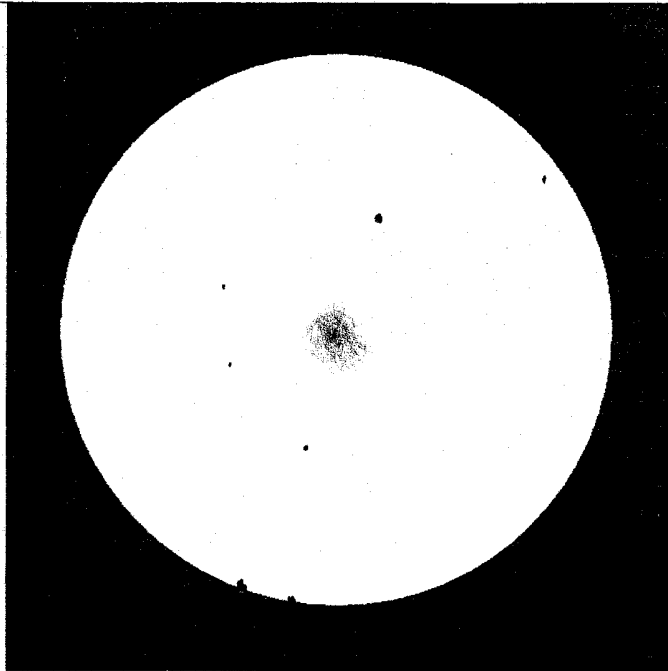
Observing notes (difficulty, observing partners, interesting objects in field, general comments):

PPPP

Be sure to indicate North & East on your drawings.

PPPP

↑N →E



Observer's name:

B. Jones

Comet:

MAEHTOLZ (C/2004 Q2)

Date / Time:

12/29/4 4:32 UT

Observing location:

Instrument / eyepiece / magnification / field of view:

ETX 125 / 40 / 47 /

Comet sky location (constellation / nearest star, or RA/DEC):

TAU

Sky & Star steadiness

boiling (circle one) steady
5 4 3 2 1

Sky transparency

Un-aided zenith magnitude limit: 4.0

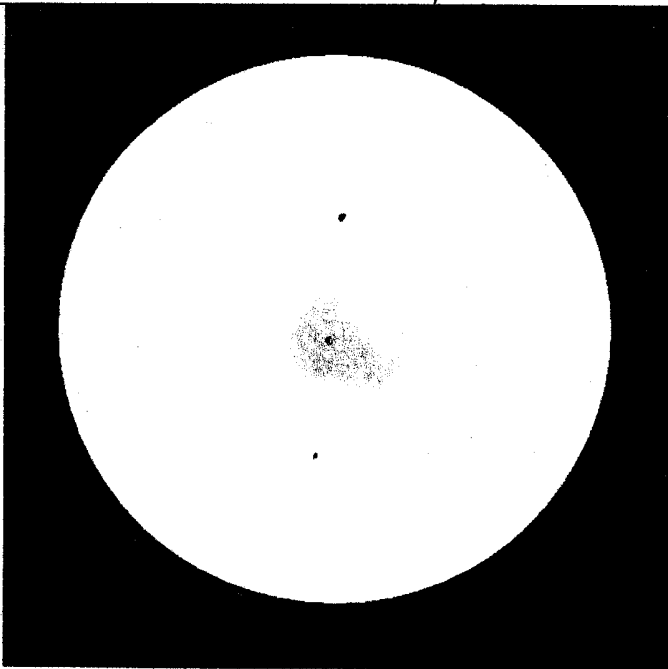
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

4.5 6' LOOSE NO GRAY RING FAIRLY SMOOTH

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

↑N →E

ROUND W/ EXTENSION TO ESE



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

MAEHTOLZ (C/2004 Q2)

Date / Time:

12/29/4 4:40 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

ETX 125 / 12.4 / 153X /

Comet sky location (constellation, nearest star, or RA/DEC):

TAU

Sky & Star steadiness

boiling (circle one) steady
5 4 3 2 1

Sky transparency

Un-aided zenith magnitude limit: 4.0

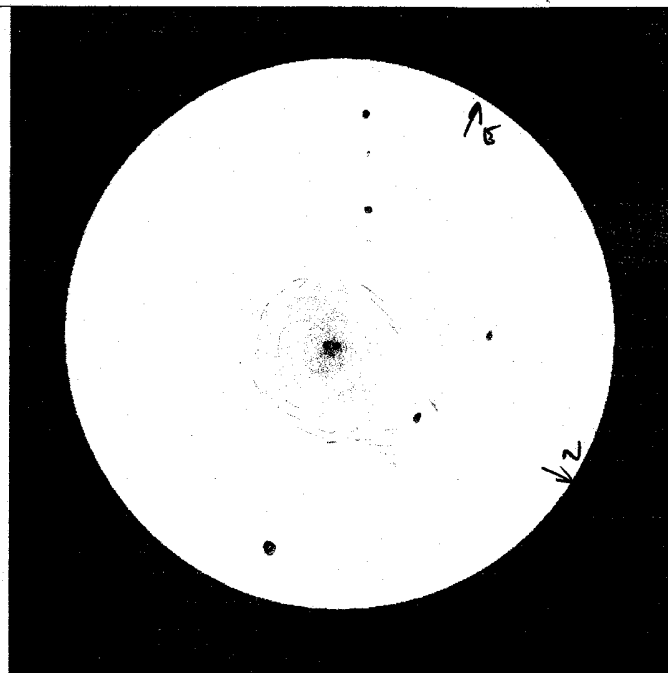
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Same but definitely bladier space around coma except

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

for ESE "fog" that extends

Be sure to indicate North & East on your drawings.



Observer's name:

BRAD YOUNG

Comet:

MACHHOLZ C/2004 Q2

Date / Time:

12/31/04

1:40 UT

Observing location:

RMCC

Instrument / eyepiece / magnification / field of view:

ETX-125 / 12.4mm / 153x /

Comet sky location (constellation, nearest star, or RA/DEC):

TAV

Sky & Star steadiness

boiling

(circle one)

steady

5

4

3

2

1

Sky transparency

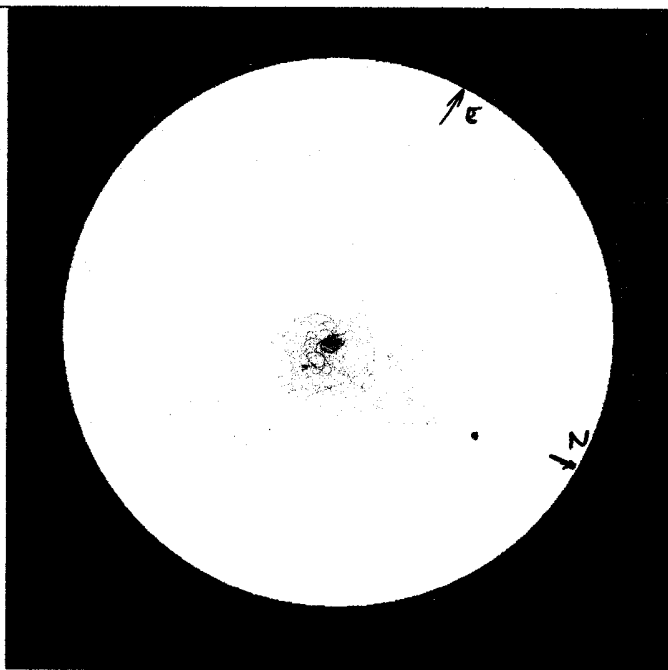
Un-aided zenith
magnitude limit:

6.0

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

2 NUCS?? - see below

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

MACHHOLZ C/2004 Q2

Date / Time:

12/31/4

11:49 UT

Observing location:

RMCC

Instrument / eyepiece / magnification / field of view:

ETX-125 / 6mm / 316x /

Comet sky location (constellation, nearest star, or RA/DEC):

TAV

Sky & Star steadiness

boiling

(circle one)

steady

5

4

3

2

1

Sky transparency

Un-aided zenith
magnitude limit:

6.0

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

OR IS IT A STAR NEAR NUCLEUS? NEED FURTHER OBSERVATIONS

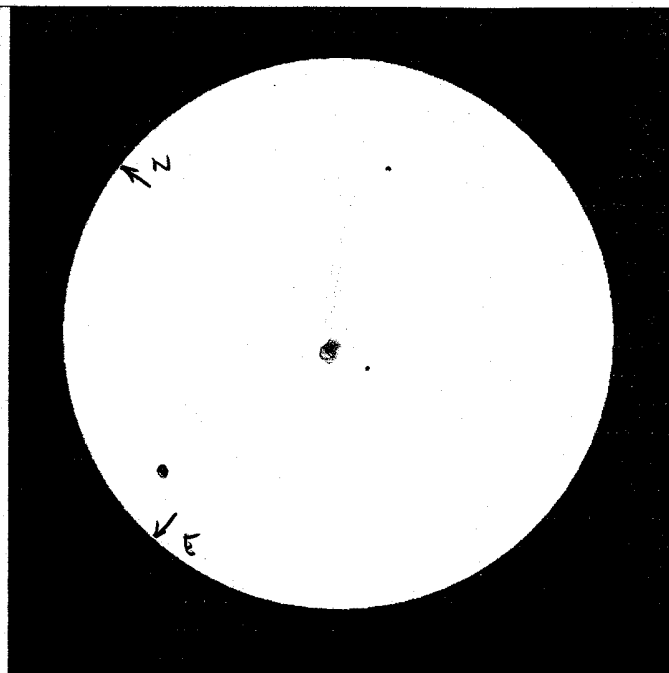
Observing notes (difficulty, observing partners, interesting objects in field, general comments):

EASILY N. EYE BY 6:30 PM

PPPP

Be sure to indicate North & East on your drawings.

PPPP



Observer's name:

BRAD YOUNG

Comet:

MACHHOLZ C/2004 Q2

Date / Time:

12/31/04 4:25 US

Observing location:

RMCC

Instrument / eyepiece / magnification / field of view:

10x50 BINOCS / 10x / 70

Comet sky location (constellation, nearest star, or RA/DEC):

TAV

Sky & Star steadiness

boiling (circle one) steady
5 4 3 2 1

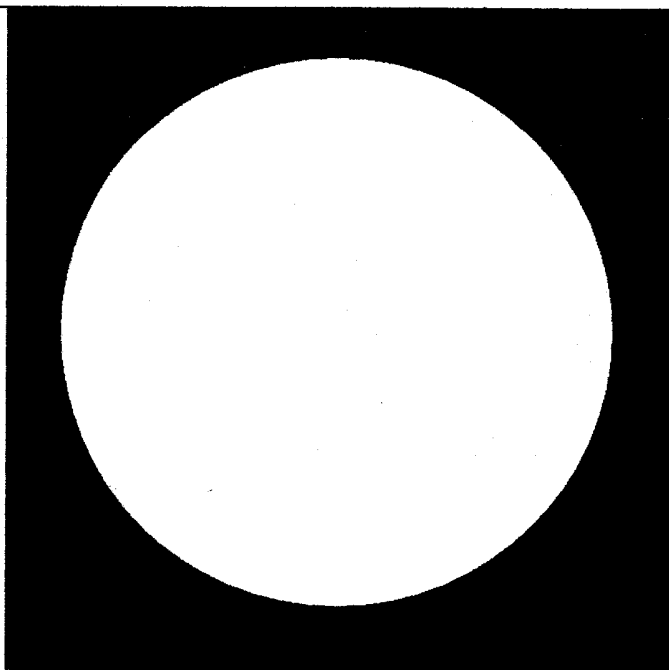
Sky transparency

Un-aided zenith
magnitude limit: 6.0

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

VERY DIM THIN TAIL AS SHOWN - NO HINT OF TAIL TO WSW FROM
TELE. VIEW (1700HRS)

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

Date / Time:

Observing location:

Instrument / eyepiece / magnification / field of view:

Comet sky location (constellation, nearest star, or RA/DEC):

Sky & Star steadiness

boiling (circle one) steady
5 4 3 2 1

Sky transparency

Un-aided zenith
magnitude limit:

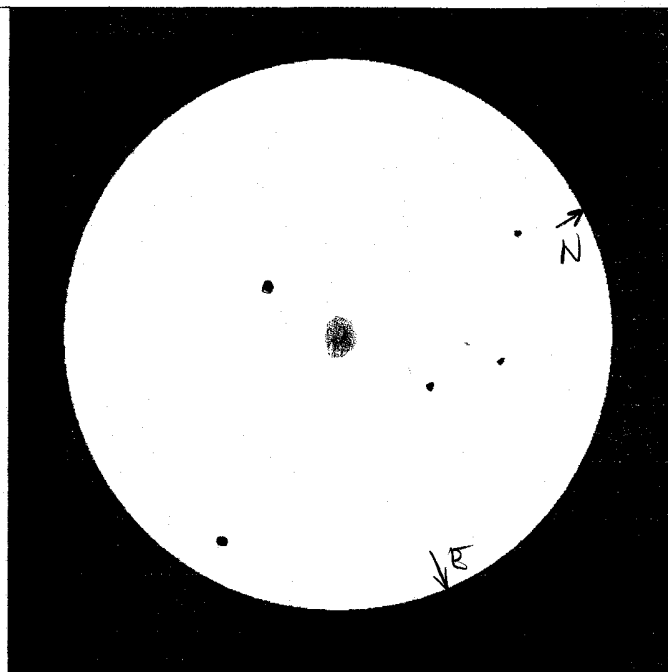
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

PPPP

Be sure to indicate North & East on your drawings.

PPPP



Observer's name:

B Young

Comet:

MACHTHOLZ C/2004 Q2

Date / Time:

1/2/05 1:40 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

ETX 125 / 40 / 47 /

Comet sky location (constellation, nearest star, or RA/DEC):

TAU

Sky & Star steadiness

boiling

(circle one)

steady

↓

5

4

3

2

1

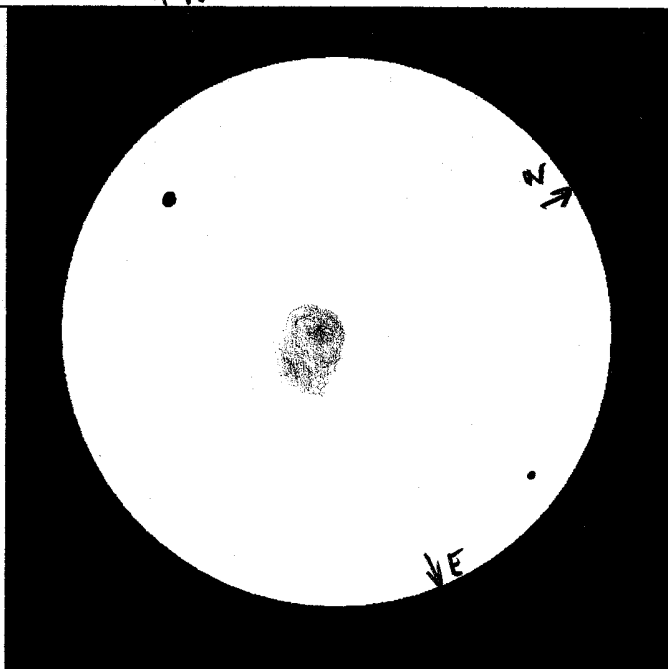
Sky transparency

Un-aided zenith magnitude limit:

4.3

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

MACHTHOLZ C/2004 Q2

Date / Time:

1/2/05 1:45 UT

Observing location:

Instrument / eyepiece / magnification / field of view:

12.4 / 153x

Comet sky location (constellation, nearest star, or RA/DEC):

Sky & Star steadiness

boiling

(circle one)

steady

↓

5

4

3

2

1

Sky transparency

Un-aided zenith magnitude limit:

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

4, 8-10', LOOSE, bright (no eye now!) grey round

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

HARMIET & GUS BOTH SAW IT. Glimpsed 1x in city on

!!!!

Be sure to indicate North & East on your drawings.

!!!!

VERY HUMID /
PASSIVE LOW CLOUDS
NIGHT



Observer's name:

B Young

Comet:

MACHHOLZ C/2004 Q2

Date / Time:

1/9/05 1:34 UT

Observing location:

RMCC

Instrument / eyepiece / magnification / field of view:

ETX125/40mm/47x/0.9°

Comet sky location (constellation, nearest star, or RA/DEC):

Tau

Sky & Star steadiness

boiling

(circle one)

steady

5

4

3

2

1

Sky transparency

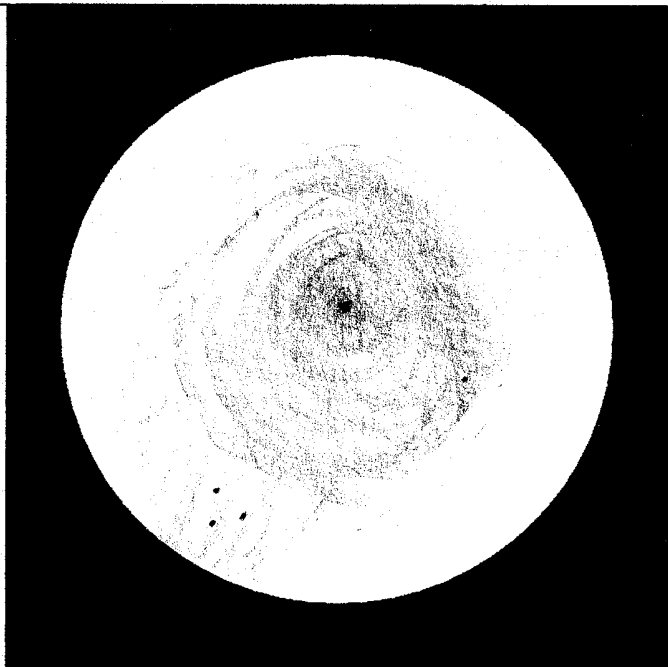
Un-aided zenith magnitude limit:

5.0...

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

4.5 mag

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

MACHHOLZ C/2004 Q2

Date / Time:

1/9/05 1:40 UT

Observing location:

RMCC

Instrument / eyepiece / magnification / field of view:

ETX125/12.4mm/152x/0.3°=18'

Comet sky location (constellation, nearest star, or RA/DEC):

Tau

Sky & Star steadiness

boiling

(circle one)

steady

5

4

3

2

1

Sky transparency

Un-aided zenith magnitude limit:

5.0...

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

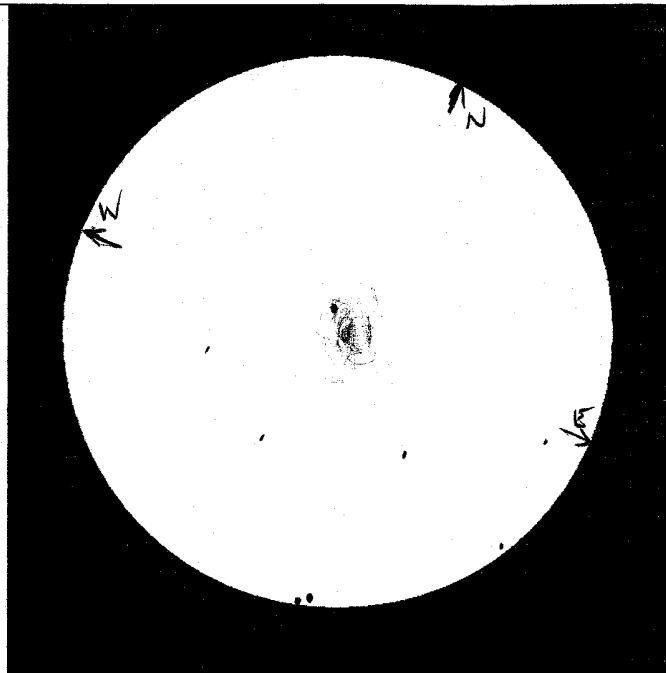
FILLS 2/3 OF FOV! = 12' coma!

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

□□□□

Be sure to indicate North & East on your drawings.

□□□□



Observer's name:

Br Young

Comet:

MACHO22 C/2004 Q2

Date / Time:

1/10/05 1:50 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

ETX 125/40mm / 47x / 0.9°

Comet sky location (constellation, nearest star, or RA/DEC):

Tw/Per

Sky & Star steadiness

boiling

(circle one)

steady

5

4

3

(2)

1

Sky transparency

Un-aided zenith
magnitude limit:

4.3

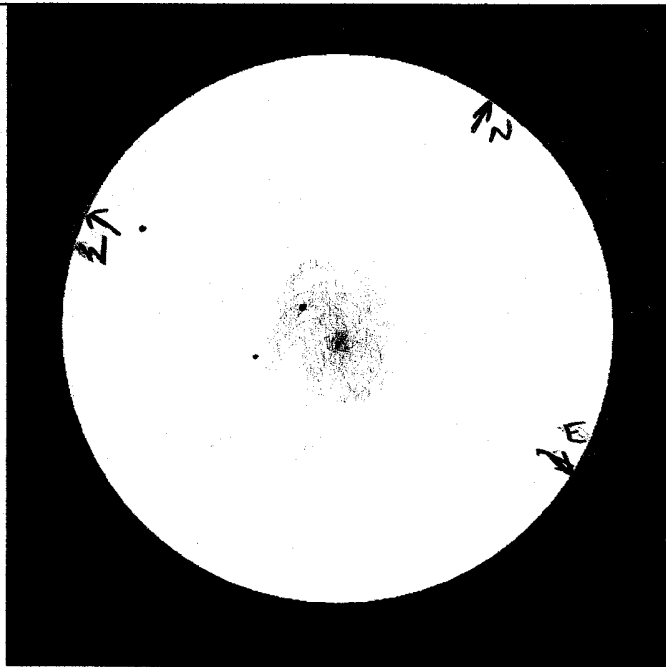
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Seems dimmer but not a transparent night. Coma still big,

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

SEEN W/ N.EYE BUT A.V. REQ'D

near 7m star
tail sub limited to SW



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

MACHO22 C/2004 Q2

Date / Time:

1/10/05 1:57 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

ETX 125/12.4/153X / 0.3°

Comet sky location (constellation, nearest star, or RA/DEC):

Tw/Per

Sky & Star steadiness

boiling

(circle one)

steady

5

4

3

(2)

1

Sky transparency

Un-aided zenith
magnitude limit:

4.3

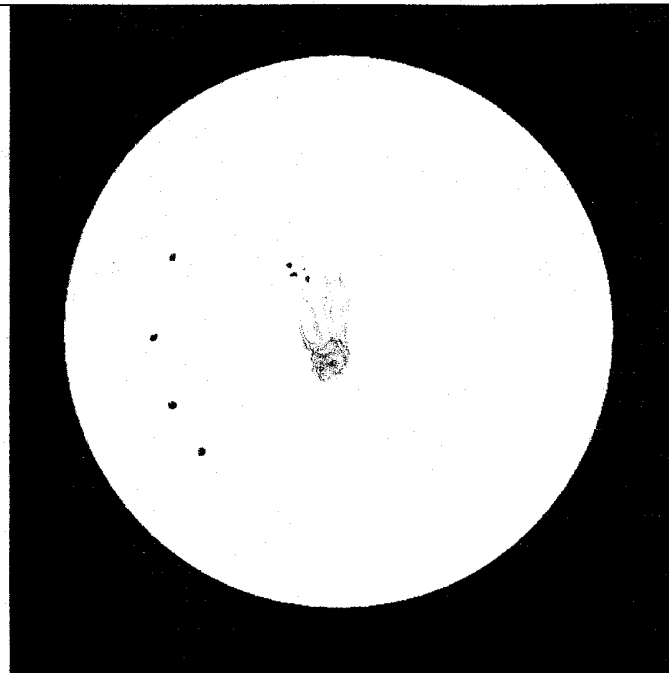
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

"Bigger" version of 47x view, a little more detail to

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

cool wide dbl to S in 47x field

Be sure to indicate North & East on your drawings.



Observer's name:

B. Young

Comet:

MACHHOLZ C/2004 Q2

Date / Time:

1/14/05 4:30 UT

Observing location:

S. C. City

Instrument / eyepiece / magnification / field of view:

10x50 binocs / 10x / 7°

Comet sky location (constellation, nearest star, or RA/DEC):

Per

Sky & Star steadiness

boiling (circle one) steady

5 4 3 2 1

Sky transparency

Un-aided zenith
magnitude limit:

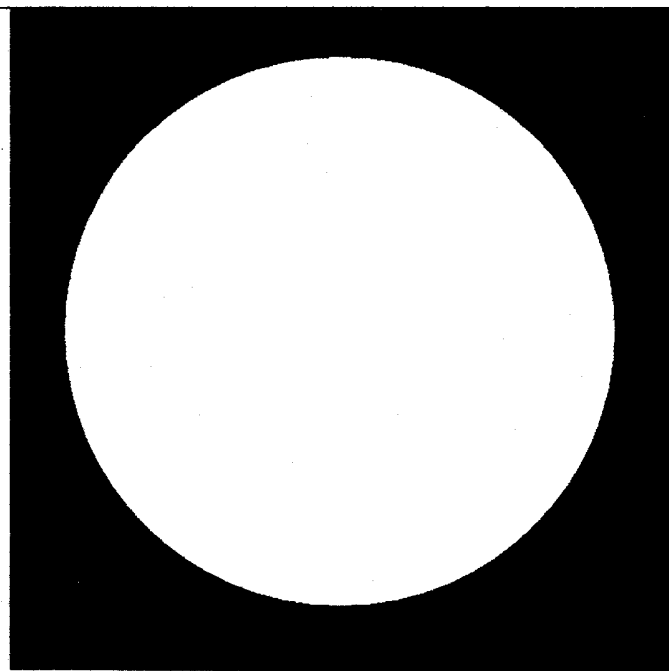
6.0

easy

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

4.5 (easy w/ n. eye - tail not seen 1x)

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

Date / Time:

Observing location:

Instrument / eyepiece / magnification / field of view:

Comet sky location (constellation, nearest star, or RA/DEC):

Sky & Star steadiness

boiling (circle one) steady

5 4 3 2 1

Sky transparency

Un-aided zenith
magnitude limit:

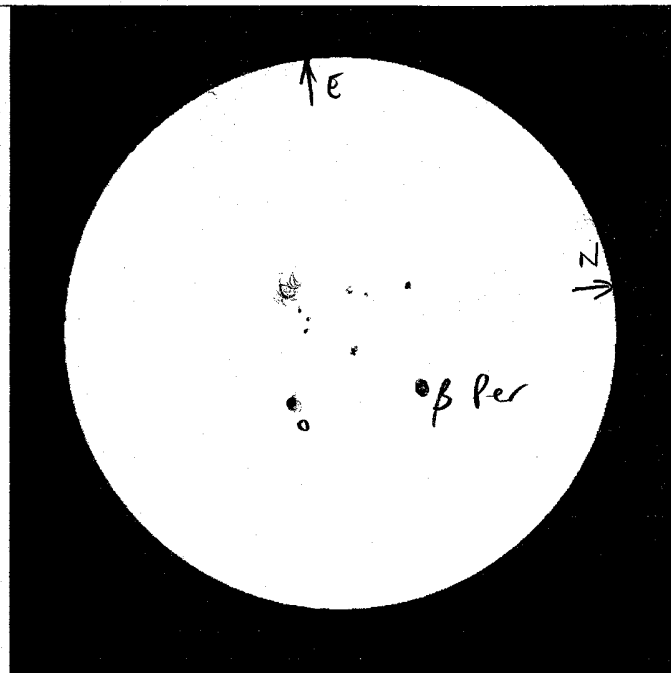
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Be sure to indicate North & East on your drawings.





Observer's name:

B Young

Comet:

MACHHOLZ C/2004 Q2

Date / Time:

1/15/05

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

10x50's / -10x / 7°

Comet sky location (constellation, nearest star, or RA/DEC):

Per

Sky & Star steadiness

boiling

(circle one)

steady

5

4

3

2

1

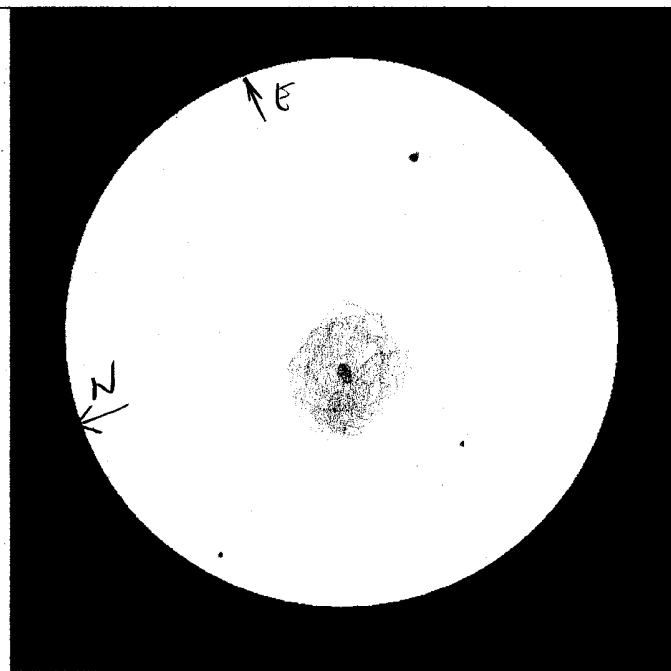
Sky transparency

Un-aided zenith magnitude limit:

4.0

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

MACHHOLZ C/2004 Q2

Date / Time:

1/17/05 3:20 AM

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

ETX 125 / 10mm on T10 / 19x / 0.2

Comet sky location (constellation, nearest star, or RA/DEC):

Per

Sky & Star steadiness

boiling

(circle one)

steady

5

4

3

2

1

Sky transparency

Un-aided zenith magnitude limit:

4.5 F&D

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

S, can't follow all the way out (moon), loose, not all here,

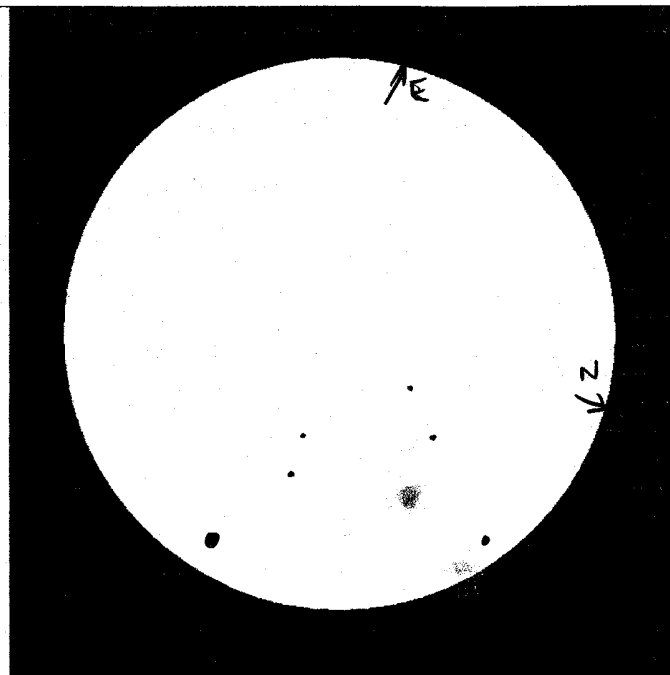
Observing notes (difficulty, observing partners, interesting objects in field, general comments):

grey, more "cloud" on WNW as shown

■■■■

Be sure to indicate North & East on your drawings.

■■■■



Observer's name:

B. Young

Comet:

MACHOLZ c/2004 Q2

Date / Time:

1/18/5 3:10 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

10x50's / 10x / 7°

Comet sky location (constellation, nearest star, or RA/DEC):

Per

Sky & Star steadiness

boiling (circle one) steady
5 4 3 2 1

Sky transparency

Un-aided zenith
magnitude limit:

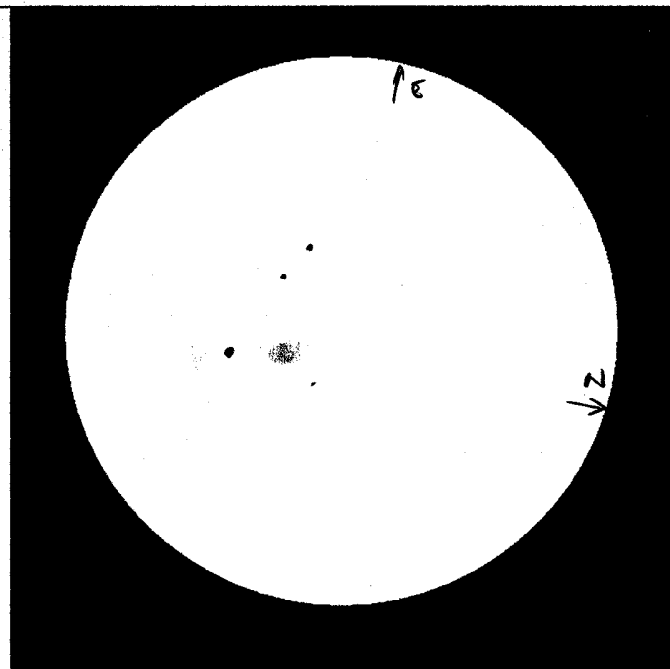
4 (8d D)

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

↑
Per

↑
Per

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

MACHOLZ c/2004 Q2

Date / Time:

1/19/5 2:40 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

10x50's / - / 10x / 7°

Comet sky location (constellation, nearest star, or RA/DEC):

Per

Sky & Star steadiness

boiling (circle one) steady
5 4 3 2 1

Sky transparency

Un-aided zenith
magnitude limit:

4 (9d D)
20° S

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

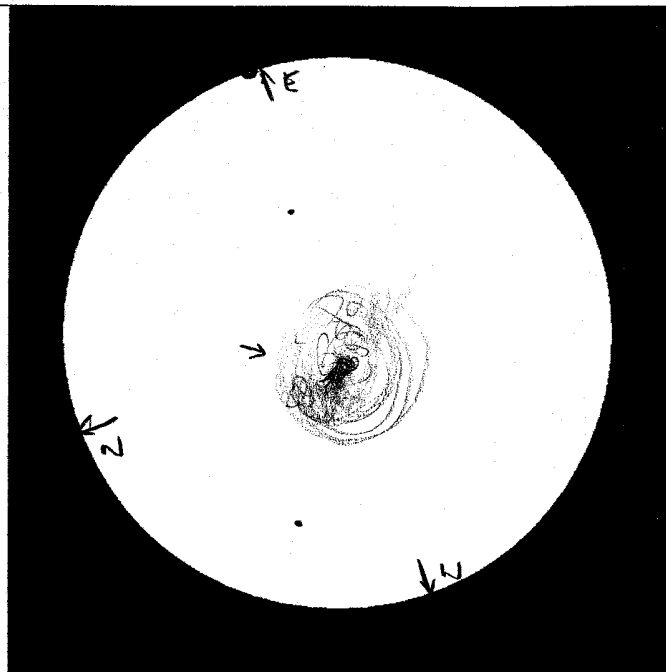
↑
Per

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

PPPP

Be sure to indicate North & East on your drawings.

PPPP



Observer's name:

B Young

Comet:

MACHHOLZ C/2004 Q2

Date / Time:

1/20/05 3:15 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

ETX 125 / 6mm / 190X / 0.3°

Comet sky location (constellation, nearest star, or RA/DEC):

Per

Sky & Star steadiness

boiling (circle one) steady

5 4 3 2 1

Sky transparency

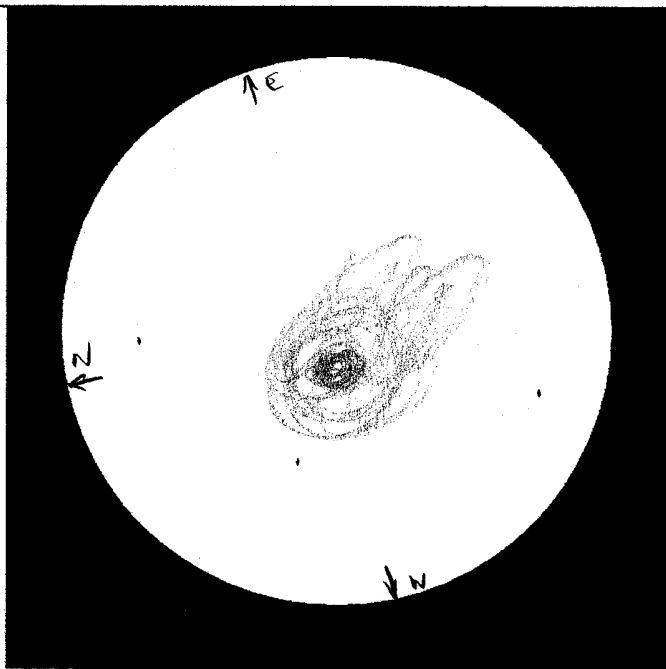
Un-aided zenith magnitude limit:

4.0 D

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Some "fan" shaped feature involved in NW portion of coma better seen @ 316x

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

MACHHOLZ C/2004 Q2

Date / Time:

1/21/05 3:40 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

ETX 125 / 10 / 190 / 0.3

Comet sky location (constellation, nearest star, or RA/DEC):

Per

Sky & Star steadiness

boiling (circle one) steady

5 4 3 2 1

Sky transparency

Un-aided zenith magnitude limit:

4.5 D but so green

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

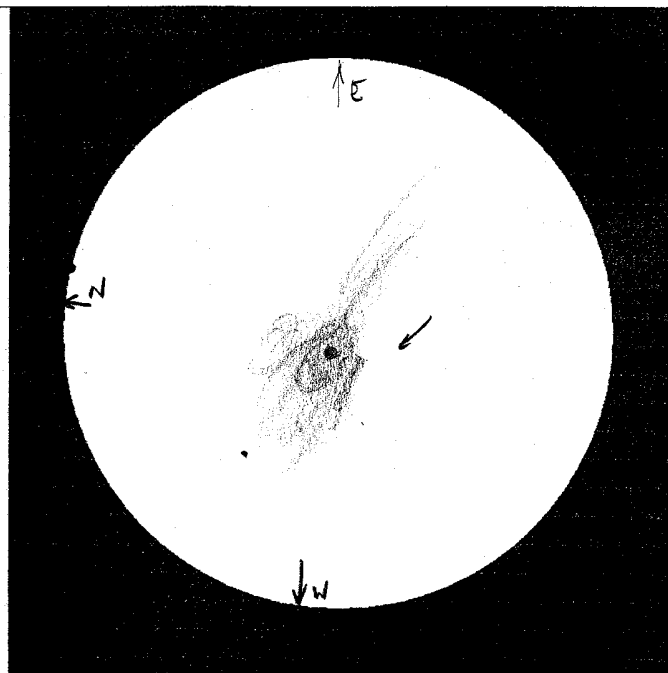
Not seeing feature from 1/20 - do notice fan-shape sub of tail (?) to SE.

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

PPPP

Be sure to indicate North & East on your drawings.

PPPP



Observer's name:

B Young

Comet:

MACTHOUR C/2004 Q2

Date / Time:

1/21/05 3:45 AM

Observing location:

HOMER

Instrument / eyepiece / magnification / field of view:

ETX 125 / 6mm / 316x / 0.2

Comet sky location (constellation, nearest star, or RA/DEC):

Per

Sky & Star steadiness

boiling	(circle one)	steady
5	4	3

Sky transparency

Un-aided zenith magnitude limit:

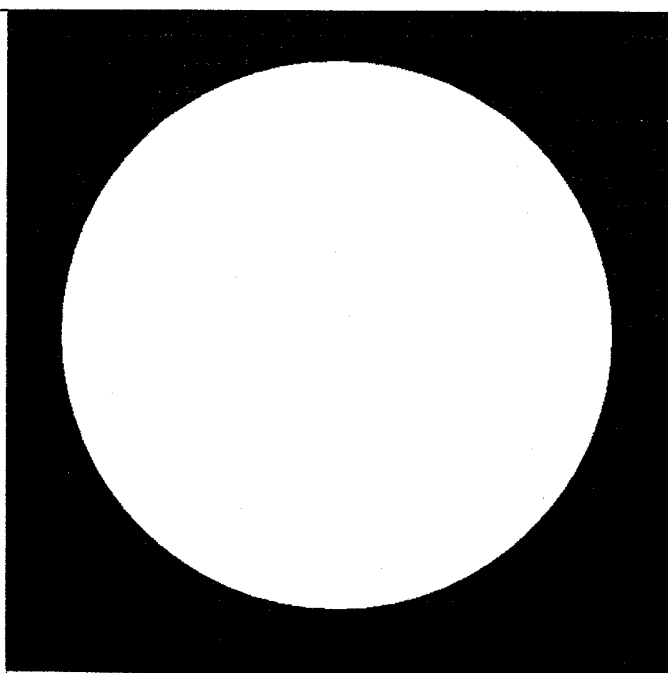
4.5

Dark sky

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

316x shows thin tail streaming towards SE, dark "wall" at arrow, NW side seems full coma, nothing noticed "in" it

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

Date / Time:

Observing location:

Instrument / eyepiece / magnification / field of view:

Comet sky location (constellation, nearest star, or RA/DEC):

Sky & Star steadiness

boiling	(circle one)	steady
5	4	3

Sky transparency

Un-aided zenith magnitude limit:

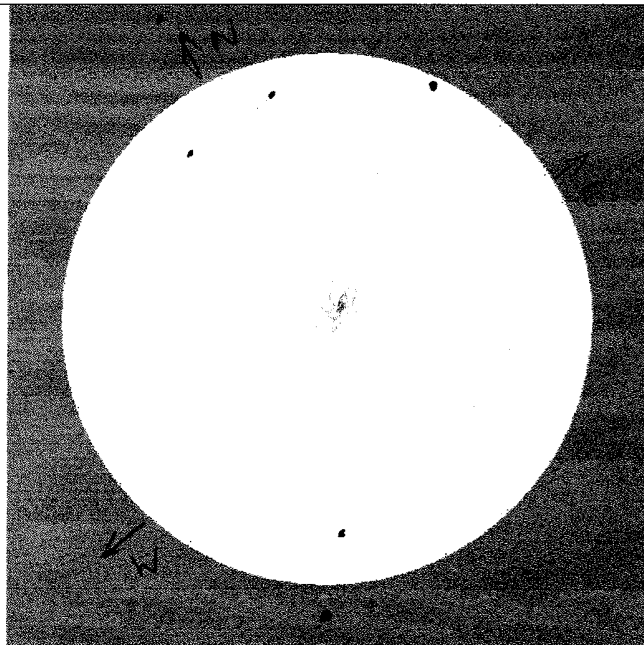
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

!!!!

Be sure to indicate North & East on your drawings.

!!!!



Observer's name:

B Young

Comet:

9P/Tempel

Date / Time:

7/3/5 3:45 AM

Observing location:

RMCE

Instrument / eyepiece / magnification / field of view:

ETX-125/10mm/190x/0.3

Cometary location (constellation, nearest star, or RA/DEC):

VIR

Sky & Star steadiness

boiling

(circle one)

steady

1

5

4

3

2

1

0

1

1

Sky transparency

Un-aided zenith

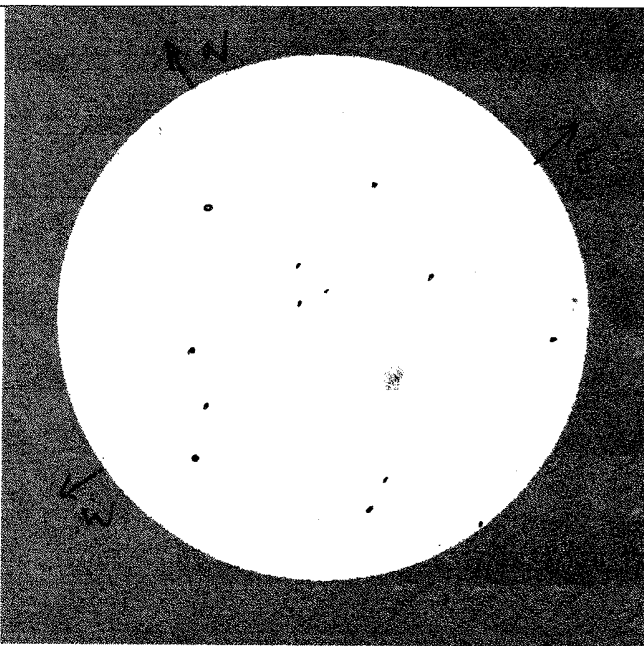
magnitude limit:

6.0

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Starlike nucleus - very diffuse & dim coma
overall ~ 11 mag

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

9P/Tempel

Date / Time:

7/3/5 3:50 AM

Observing location:

RMCE

Instrument / eyepiece / magnification / field of view:

ETX-125/25mm/13x/0.9

Cometary location (constellation, nearest star, or RA/DEC):

VIR

Sky & Star steadiness

boiling

(circle one)

steady

1

5

4

3

2

1

0

1

1

Sky transparency

Un-aided zenith

magnitude limit:

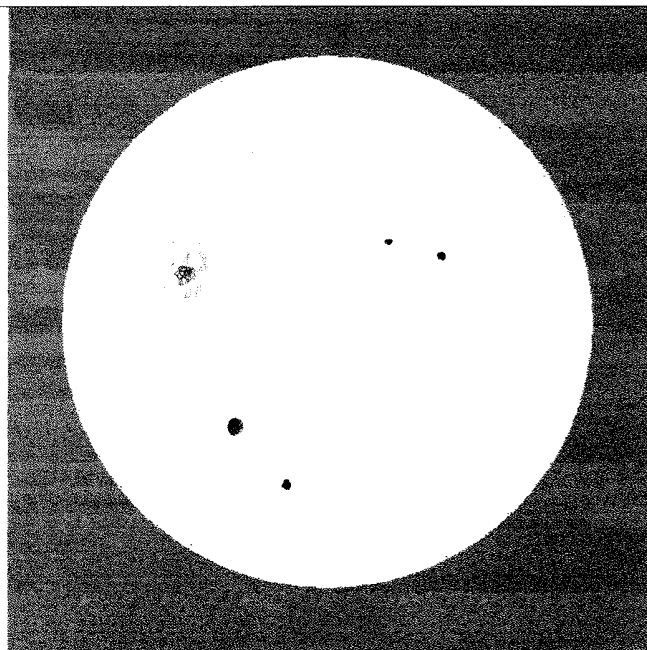
6.0

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Best view @ this power. Great field

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

Be sure to indicate North & East on your drawings.



Observer's name:

B Young

Comet:

Comet 9P/Tempel 1

Date/Time:

7/2/5 3:35 AM

Observing location:

RMCC

Instrument/eyepiece/magnification/field of view:

13.2" DOB / / 175x

Cometary location (constellation, nearest star, or RA/DEC):

Vir

Sky & Star steadiness

boiling	(circle one)			steady	
1	5	4	3	2	1

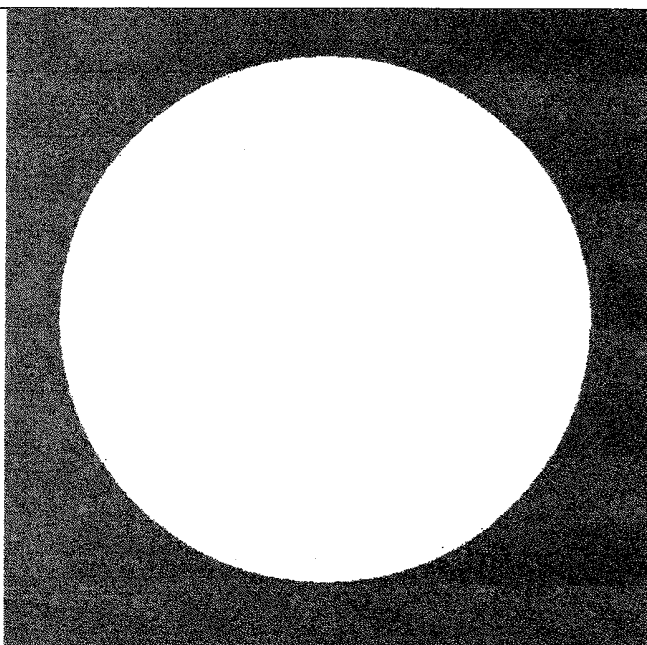
Sky transparency

Un-aided zenith magnitude limit: 6.0

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Great view on KC's Scope - nice coma & detail in nucleus

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

Date/Time:

Observing location:

Instrument/eyepiece/magnification/field of view:

Cometary location (constellation, nearest star, or RA/DEC):

Sky & Star steadiness

boiling	(circle one)				steady
1	5	4	3	2	1

Sky transparency

Un-aided zenith magnitude limit:

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

Be sure to indicate North & East on your drawings.

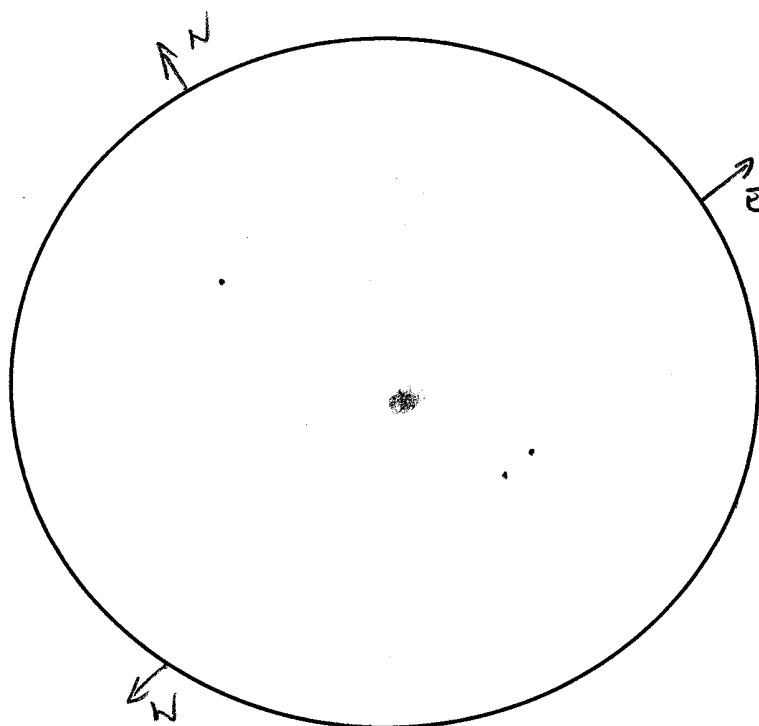
DATE 6/2/5 TIME 11:35 CST ☒ CDT CLARITY I ☒ II III IV V SEEING I ☒ II III IV V

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

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

OBJECT Comet Tempel 1 FILTER ☒ NO NB WB OIII

OBS. PROGRAM Comet LOCATION RMCC HOME



0.3 fld

Seen well at 47, 73, 153, 190x but no detail
AV helps extend it to ~3' across

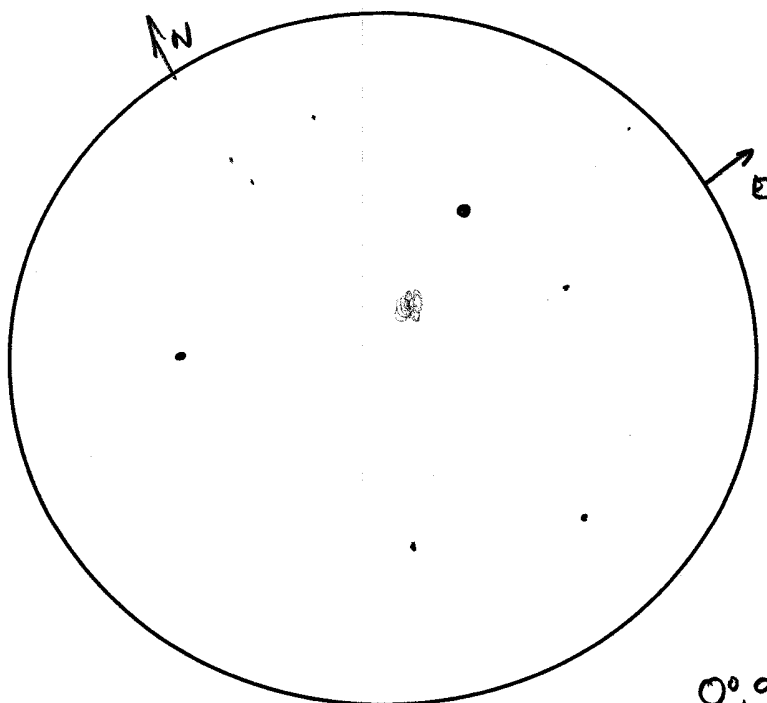
DATE 8/1/5 TIME 11:45 CST CDT CLARITY I I II III IV V SEEING II III IV V

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

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

OBJECT Comet Tempel 1 (9P) FILTER NO NB WB OIII

OBS. PROGRAM Comet LOCATION RMCC HOME

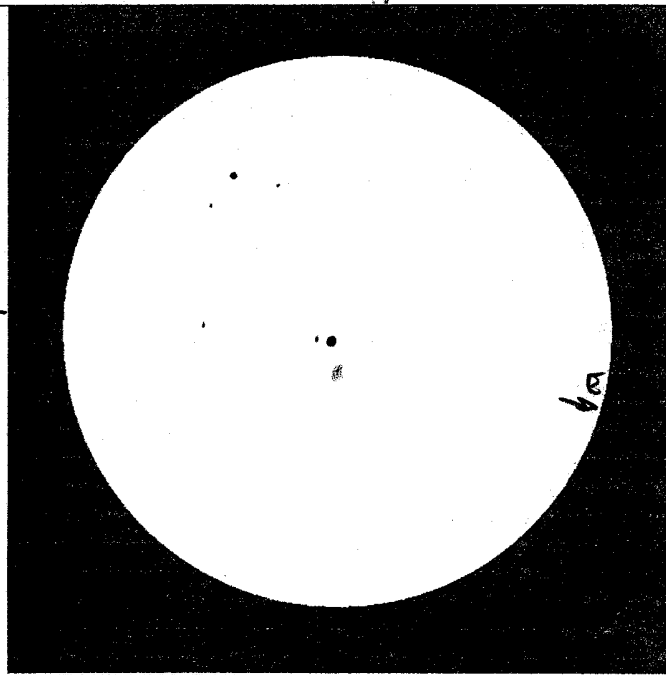


0.9 fld

Finally a hint of coma to go w/ nucleus

It extends to ~3' in diameter

Note: visible 47x but better w/ 73x



Observer's name:

B YOUNG

Comet:

9P TEMPEL 1

Date / Time:

5/17/15 3:40 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

ETX 125 / 10mm Ortho / 190x / 0.3

Comet sky location (constellation, nearest star, or RA/DEC):

Vir

Sky & Star steadiness

boiling (circle one) steady
5 4 (3) 2 1

Sky transparency

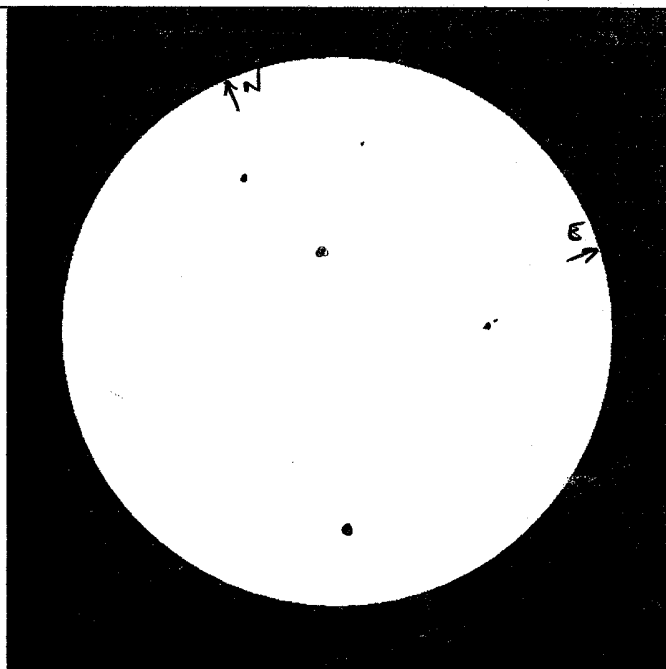
Un-aided zenith magnitude limit: 4.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Very fuzzy ball - see attached drawing at eyepiece

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

AV only



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

9P TEMPEL 1

Date / Time:

5/30/05 3:50 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

ETX 125 10mm 190x / 0.3

Comet sky location (constellation, nearest star, or RA/DEC):

Vir

Sky & Star steadiness

boiling (circle one) steady
5 4 3 (2) 1

Sky transparency

Un-aided zenith magnitude limit: 4.0

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

CONFIRMED w/ 73A @ 4122 UT - NO MORE DETAIL @ LOW POWER

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

PPPP

Be sure to indicate North & East on your drawings.

PPPP

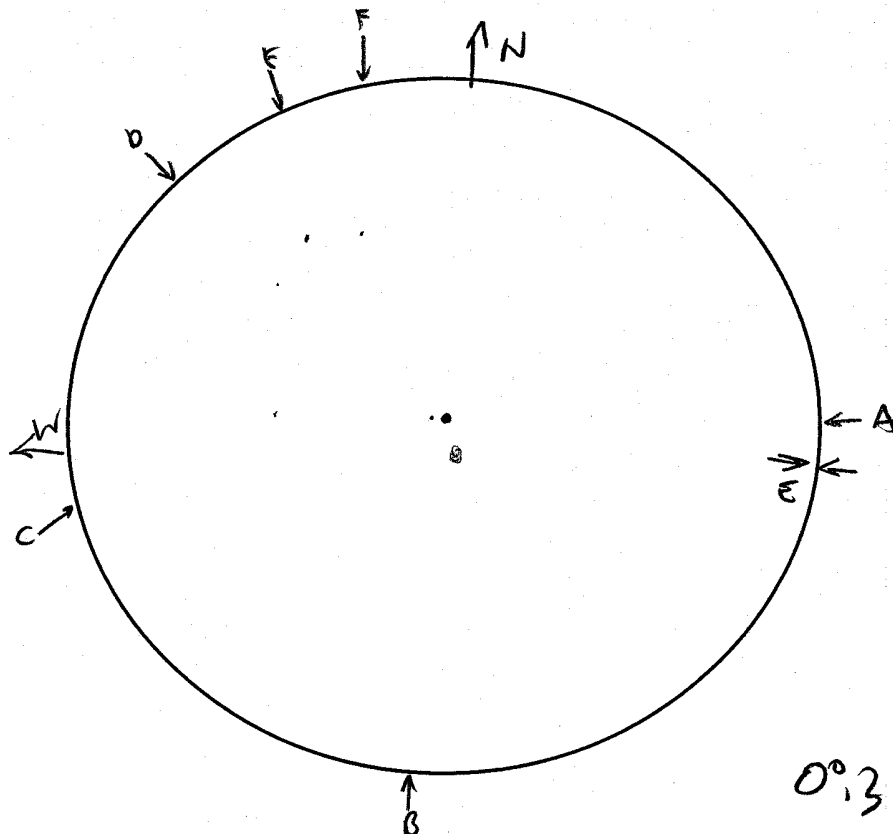
DATE 5/16/5 TIME 10:40 CST CDT CLARITY I II III IV V SEEING I II III IV V

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

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

OBJECT corner 90° corner 1 FILTER NO NB WB OIII

OBS. PROGRAM corner LOCATION RMCC HOME



0° 3 fld

@ 316x also - very sure w/Av only

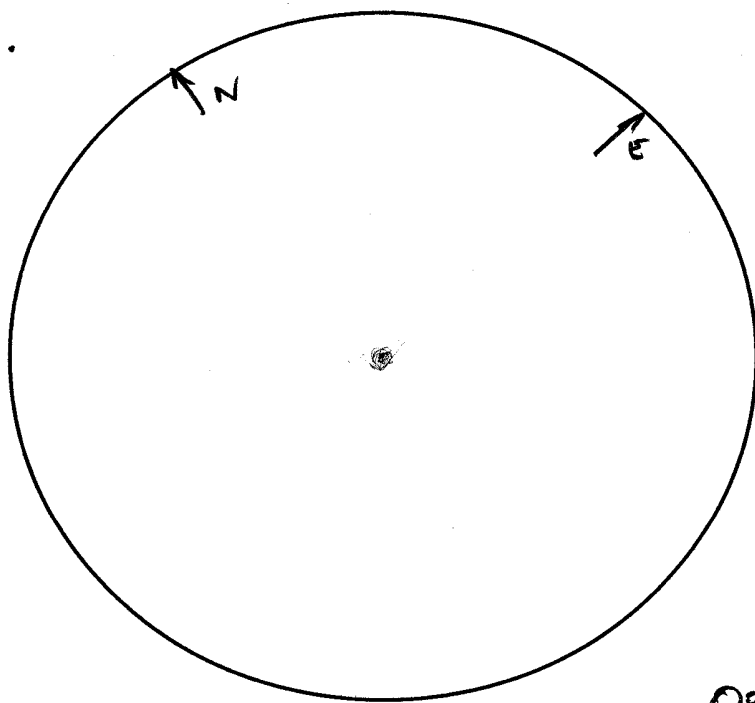
A = 7.9m E ~ 11.5

B ~ 13 F ~ 10

C Not on chart

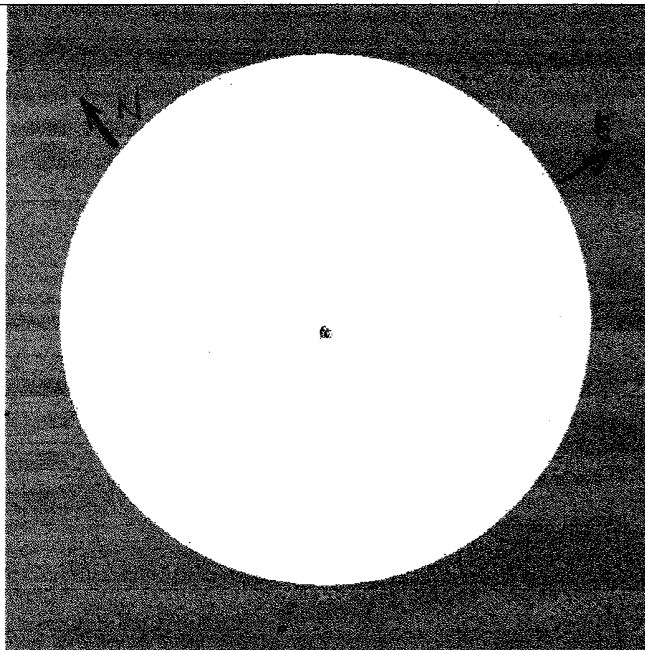
D ~ 12

DATE 6/10/6 TIME 3:15 CST VI CLARITY I II III IV V SEEING II III IV V
INSTRUMENT ETX-125 50 x 800 mm RR 10x50 EYE
POWER 10 47 73 153 190 316 475 20 30 64 80 133 200
OBJECT Comet C/2005 U2 (LINEAR) NO NB WB OIII
OBS. PROGRAM Comet LOCATION RMCC HOME



0.9 fld

FS from 4/26 faint but seen!



Observer's name:

C/2004 Q2

G. Young

COMET MACH 10/2

Comet:

6/12/05 15:04 UT

Date/Time:

Observing location:

Home

Instrument/eyepiece/magnification/field of view:

ETX 125/25mm/73x/09.9

Cometary location (constellation, nearest star, or RA/DEC):

CVn

Sky & Star steadiness

boiling (circle one) steady
1 5 4 3 (2) 1

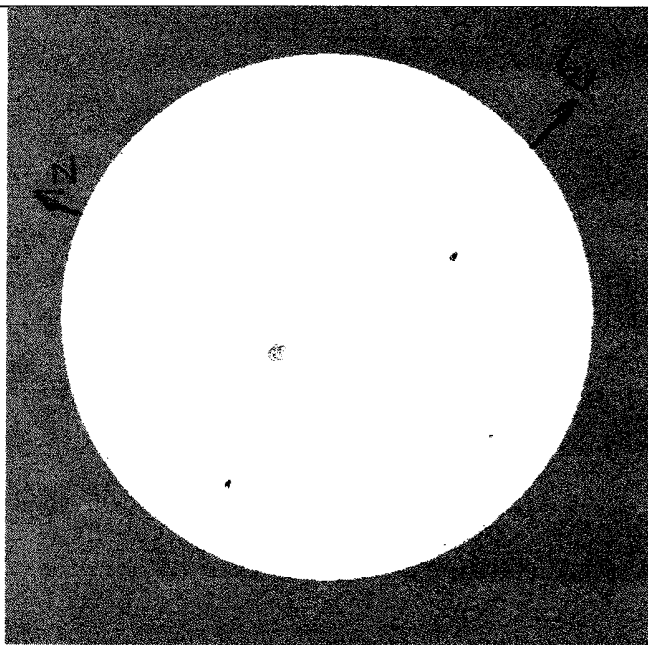
Sky transparency

Un-aided zenith magnitude limit: 4.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

9m or less - not much detail - around 1' total glow - no condensation

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



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Comet:

C/2005 K2 (LINEAR)

Date/Time:

6/12/05 13:25 UT

Observing location:

Home

Instrument/eyepiece/magnification/field of view:

ETX-125/40mm/47x/09.9

Cometary location (constellation, nearest star, or RA/DEC):

UMa

Sky & Star steadiness

boiling (circle one) steady
1 5 4 3 (2) 1

Sky transparency

Un-aided zenith magnitude limit: 4.5

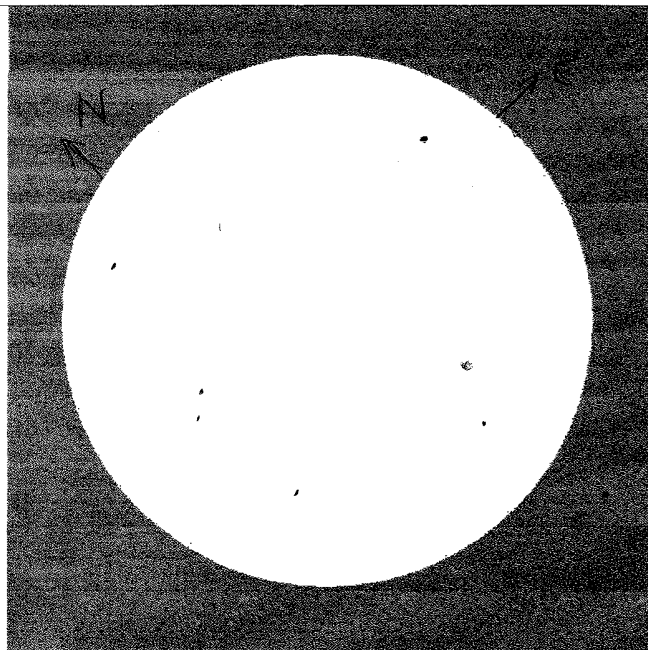
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Seen w/AV - 2' med comet extent seen - couldn't push to 73x

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

Very hard to contrast w/sky

Be sure to indicate North & East on your drawings.



Observer's name:

BRAD YOUNG

Comet:

C/2005 K2 (LINEAR)

Date/Time:

6/15/8 / 3:30 UT

Observing location:

HOMER

Instrument/eyepiece/magnification/field of view:

ETX-125/25mm/BX/0.9

Cometary location (constellation, nearest star, or RA/DEC):

Lyn/UMA

Sky & Star steadiness

boiling (circle one) steady
5 4 3 (2) 1

Sky transparency

Un-aided zenith
magnitude limit:

4.5

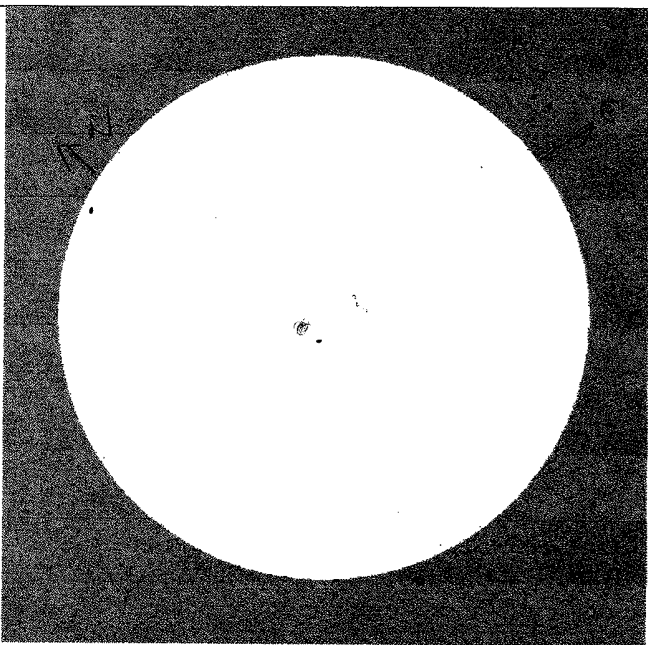
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

VERY SMALL HINT OF COMA - 1' MAX - A.V., COULD NOT

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

HOLD DIRECT VISION
W/ HIGHER POWER

(FQD)



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

MAECHHOLZ C/2004 Q2

Date/Time:

6/15/8 4:15 UT

Observing location:

HOMER

Instrument/eyepiece/magnification/field of view:

ETX-125/25mm/BX/0.9

Cometary location (constellation, nearest star, or RA/DEC):

CVN

Sky & Star steadiness

boiling (circle one) steady
5 4 3 (2) 1

Sky transparency

Un-aided zenith
magnitude limit:

4.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

SLIGHTLY EXTENDED, LARGER BUT LITTLE MORE THAN

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

HINTS OUT TO 3'
W/AV - COMA
NOT TAIL

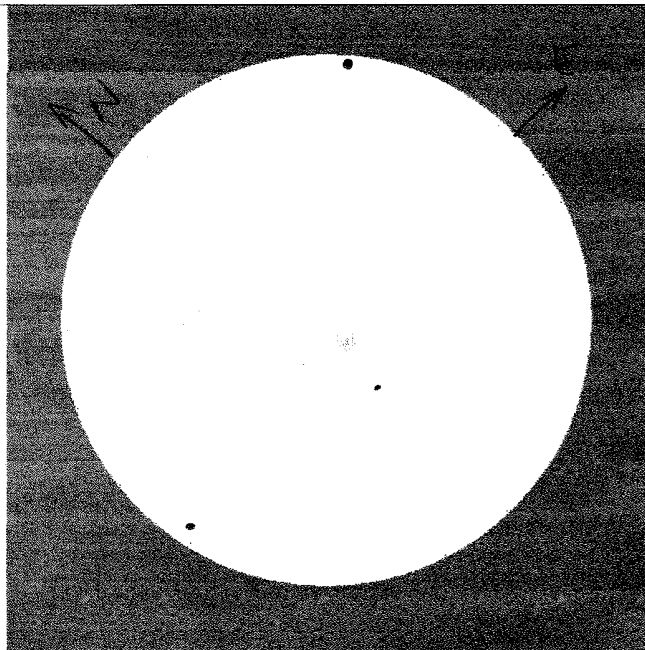
(FQD)

####

Be sure to indicate North & East on your drawings.

####

190X



Observer's name:

BRAD YOUNG

Comet:

C/2005 K2 (LINEAR)

Date / Time:

6/18/05 3:05 UT

Observing location:

HOME

Instrument/eyepiece / magnification / field of view:

ETX-125/25mm/73x/0°.9

Cometary location (constellation, nearest star, or RA/DEC):

Cnc

Sky & Star steadiness

boiling (circle one) steady
1 5 4 3 2 1

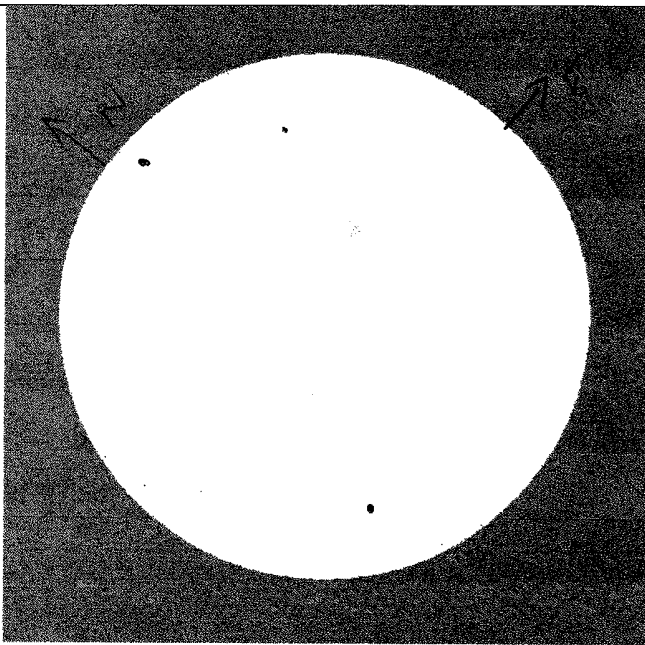
Sky transparency

Un-aided zenith magnitude limit: 4.0

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

SO FAINT - AV ONLY TO BE SURE - NO DETAILS (D)

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

C/2005 K2 (LINEAR)

Date / Time:

6/20/05 3:00 UT

Observing location:

HOME

Instrument/eyepiece / magnification / field of view:

ETX 125/40mm/47x/0°.9

Cometary location (constellation, nearest star, or RA/DEC):

Cnc

Sky & Star steadiness

boiling (circle one) steady
1 5 4 3 2 1

Sky transparency

Un-aided zenith magnitude limit: 4.0

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

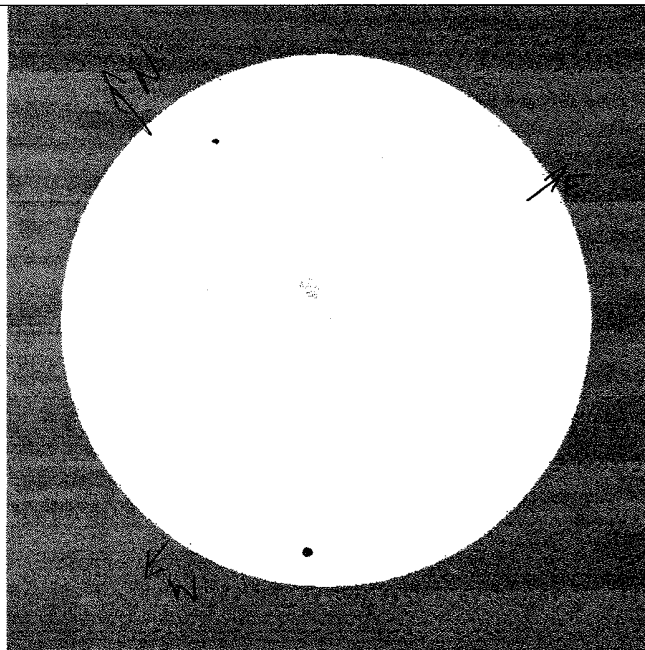
DEFINITELY SEEN DIRECT VISION. FINALLY 100% CONFIDENT I SAW IT - JUST A FAINT DIFFUSE COMA WITH NO TAIL

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

OF SPLIT NUCLEUS BUT SEEN & NICE TO

Be sure to indicate North & East on your drawings.

BE SURE



Observer's name:

BRAD YOUNG

Comet:

C/2005 K2 (LINEAR)

Date/Time:

6/20/05 3:05 UT

Observing location:

HOME

Instrument/eyepiece/magnification/field of view:

ETX-125/25mm/3x/0.99

Cometary location (constellation, nearest star, or RA/DEC):

Cnc

Sky & Star steadiness

boiling (circle one) steady

1 5 4 3 2 1

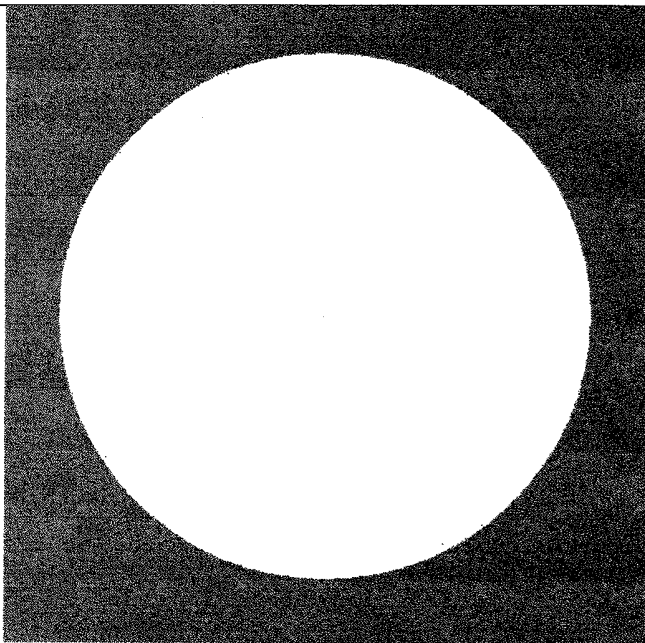
Sky transparency

Un-aided zenith magnitude limit: 4.0

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

73x - no more detail but does help contrast a bit
No way I can push it more

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

Date/Time:

Observing location:

Instrument/eyepiece/magnification/field of view:

Cometary location (constellation, nearest star, or RA/DEC):

Sky & Star steadiness

boiling (circle one) steady

1 5 4 3 2 1

Sky transparency

Un-aided zenith magnitude limit:

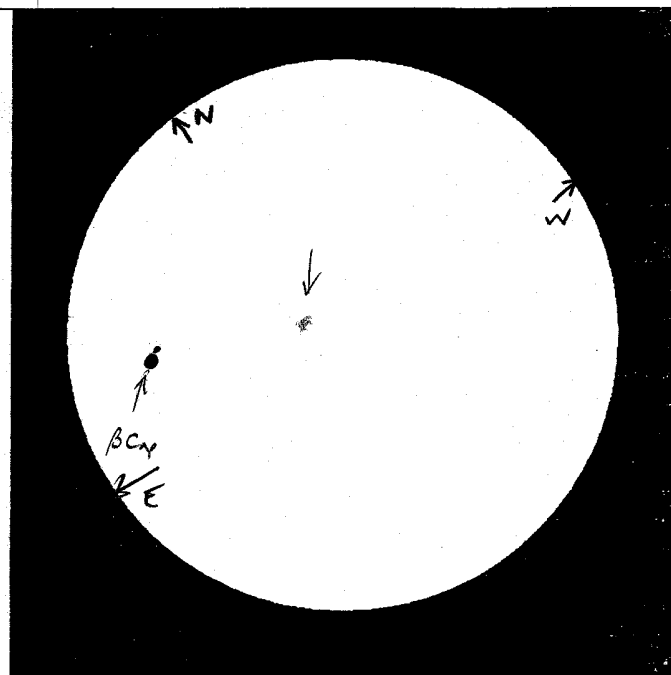
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

####

Be sure to indicate North & East on your drawings.

####



Observer's name: Brad Young
C/2006 A1 (Pojmanski)

Comet:

Date / Time:

2/26/06 12:10 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

10x50 binocs/10x/7°

Comet sky location (constellation, nearest star, or RA/DEC):

β Cap

Sky & Star steadiness
boiling (circle one) steady
5 4 3 ② 1

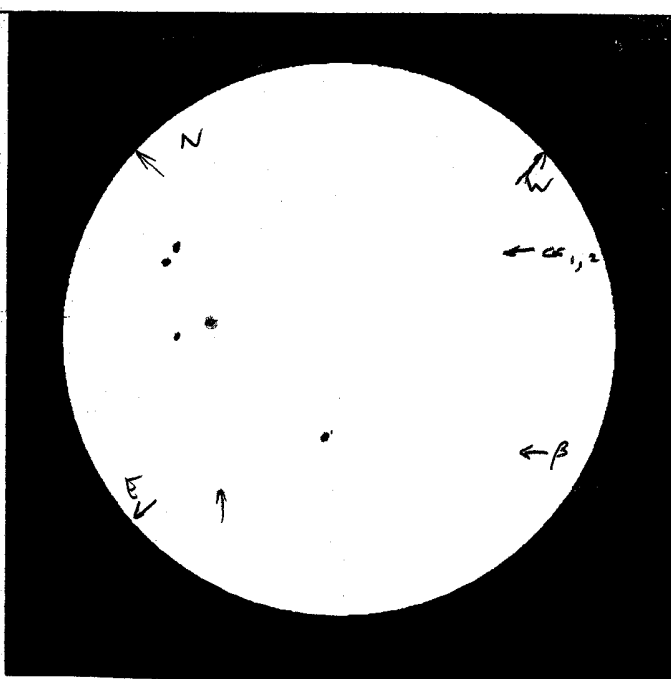
Sky transparency

Un-aided zenith magnitude limit: 4.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

HR 7775 = 6.1 companion to β CAP is much brighter - can't draw how dim it was, 50 mm before sunrise, on a spotlessly clear morning w/my back to horizon

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

C/2006 A1

Date / Time:

2/27/06 11:45 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

10x50 binocs / 10x / 7°

Comet sky location (constellation, nearest star, or RA/DEC):

γ Cap

Sky & Star steadiness
boiling (circle one) steady
5 4 3 2 ①

Sky transparency

Un-aided zenith magnitude limit: 4

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

~6 mag total, can see com even in 10x now, no color to me

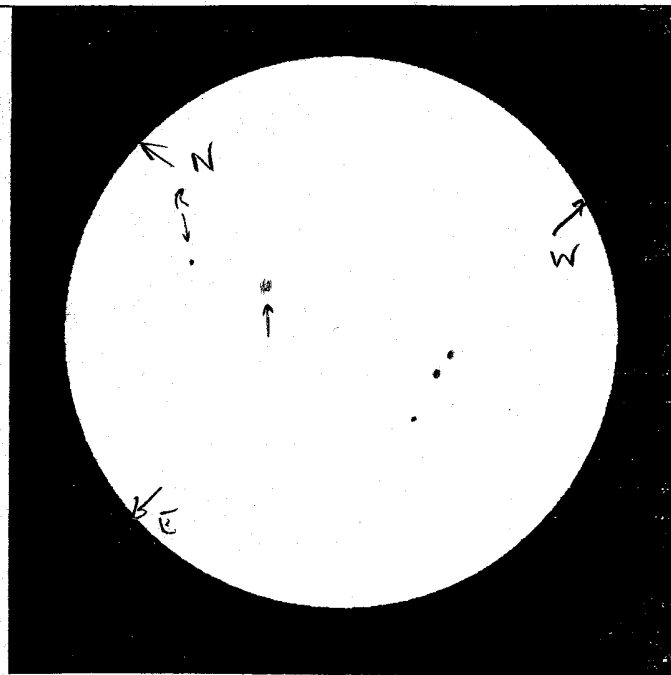
Observing notes (difficulty, observing partners, interesting objects in field, general comments):

Very easy to find with Gant's tail to guide you

PPPP

Be sure to indicate North & East on your drawings.

PPPP



Observer's name:

B. YOUNG

Comet:

C/2006 A1 Pognanski

Date / Time:

2/28/06 11:45 UT

Observing location:

HOME

Instrument / eyepiece / magnification / field of view:

10x50 BINOCs / 10x / 7°

Comet sky location (constellation, nearest star, or RA/DEC):

CAT

Sky & Star steadiness

boiling (circle one) steady

5 4 3 2 1

Sky transparency

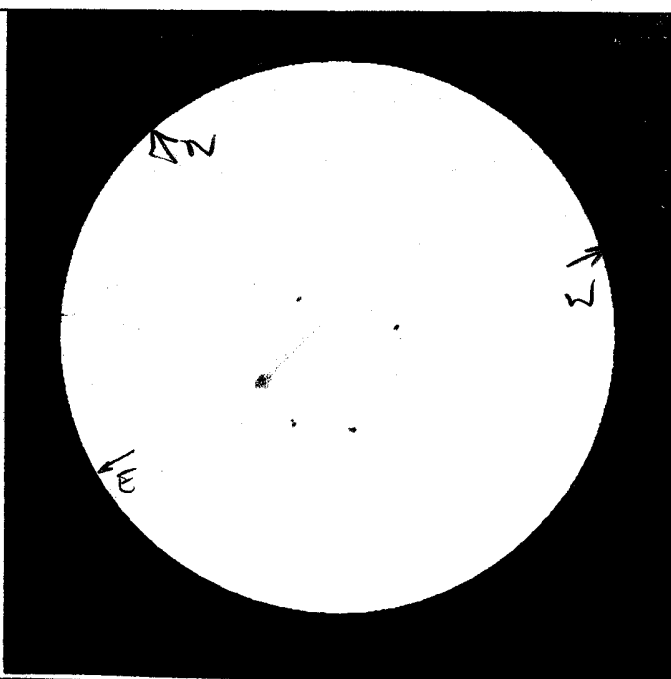
Un-aided zenith
magnitude limit:

4

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Still no tail seen but brighter, coma easily distinguished, star labelled A looked red, HIP 100524 6.3mag 65 spec

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

C/2006 A1

Date / Time:

3/3/06 11:45 UT

Observing location:

HOME

Instrument / eyepiece / magnification / field of view:

10x50 IS 10x 7°

Comet sky location (constellation, nearest star, or RA/DEC):

6 Aql

Sky & Star steadiness

boiling (circle one) steady

5 4 3 2 1

Sky transparency

Un-aided zenith
magnitude limit:

4

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

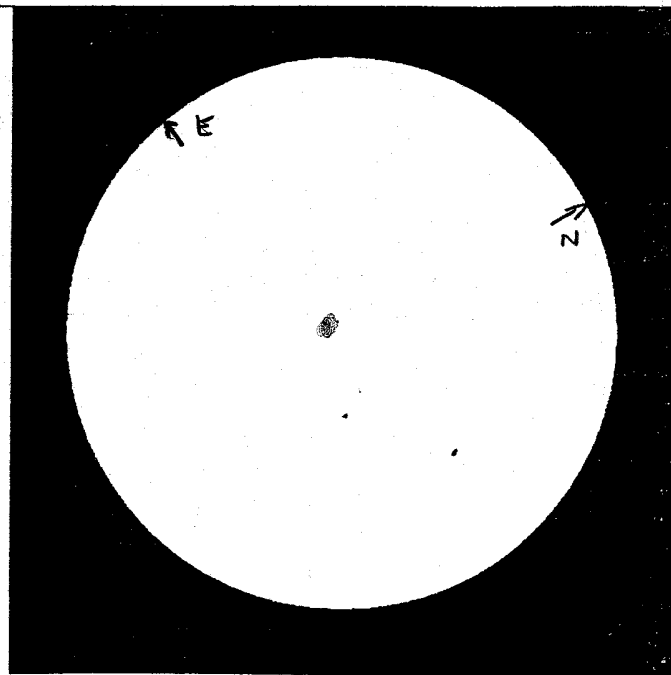
Just the slightest hint of straight tail

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

PPPP

Be sure to indicate North & East on your drawings.

PPPP



Observer's name:

B. YOUNG

Comet:

C/2006 A1 POJMANSKI

Date / Time:

3/6/6 11:50 UT

Observing location:

HOME

Instrument / eyepiece / magnification / field of view:

ETX-125 25mm 73x 0.9

Comet sky location (constellation, nearest star, or RA/DEC):

S. Del

Sky & Star steadiness

boiling (circle one) steady
5 4 3 (2) 1

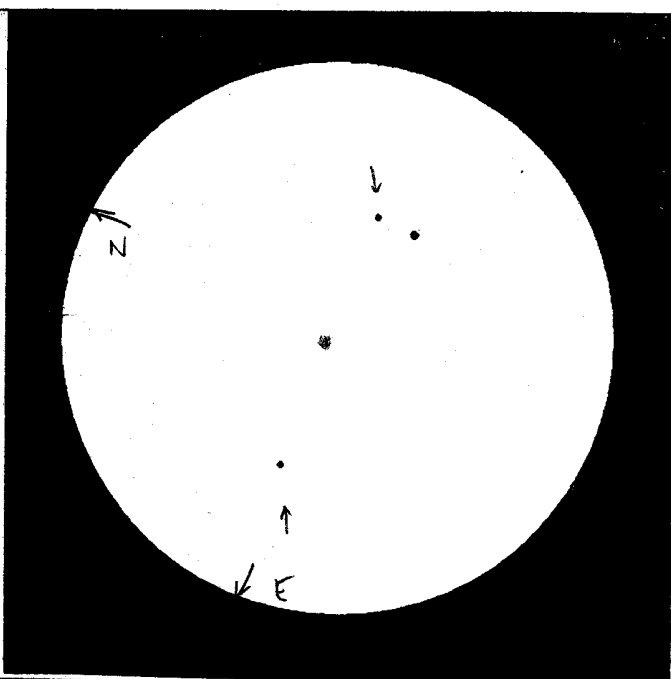
Sky transparency

Un-aided zenith
magnitude limit: 4

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Coma $\frac{1}{10}$ size of D° between stars. Better color
drap (light blue). Took a while to sweep up

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

C/2006 A1 POJMANSKI

Date / Time:

3/13/6 11:55 UT

Observing location:

HOME

Instrument / eyepiece / magnification / field of view:

10x50 / 10x / 70

Comet sky location (constellation, nearest star, or RA/DEC):

W Peg

Sky & Star steadiness

boiling (circle one) steady
5 4 (3) 2 1

Sky transparency

Un-aided zenith
magnitude limit: 4

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

ABOUT AS BRIGHT AS THE 6th MAGS HIP 104539 (+6.7)

& HIP 103516 (+6.6) UNKNOWN

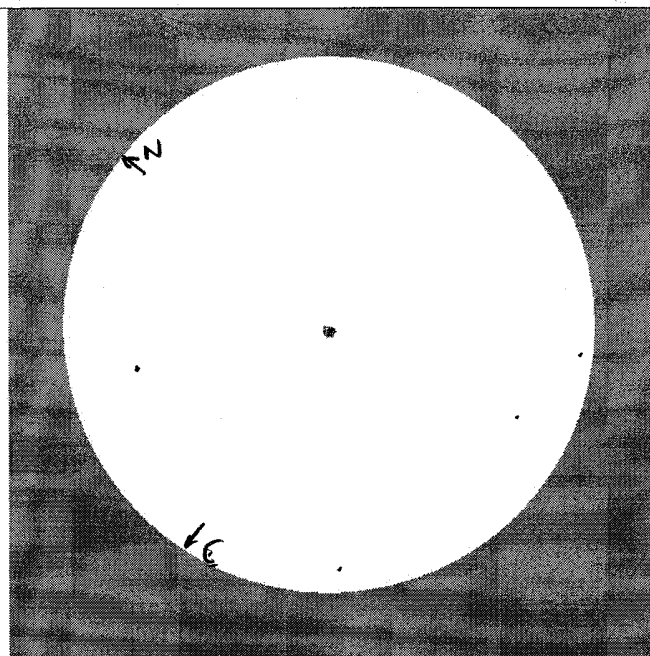
Observing notes (difficulty, observing partners, interesting objects in field, general comments):

HIGHER NOW BUT TWILIGHT INTERFERING - COMA ONLY & NOT AS BRIGHT

!!!!

Be sure to indicate North & East on your drawings.

!!!!



Observer's name:

B. Young

Comet:

C/2006 A1 POJMANUSKI

Date / Time:

3/14/6 11:25

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

10x50 10x 7°

Comet sky location (constellation, nearest star, or RA/DEC):

W Peg

Sky & Star steadiness

boiling (circle one) steady

5 4 3 ② 1

Sky transparency

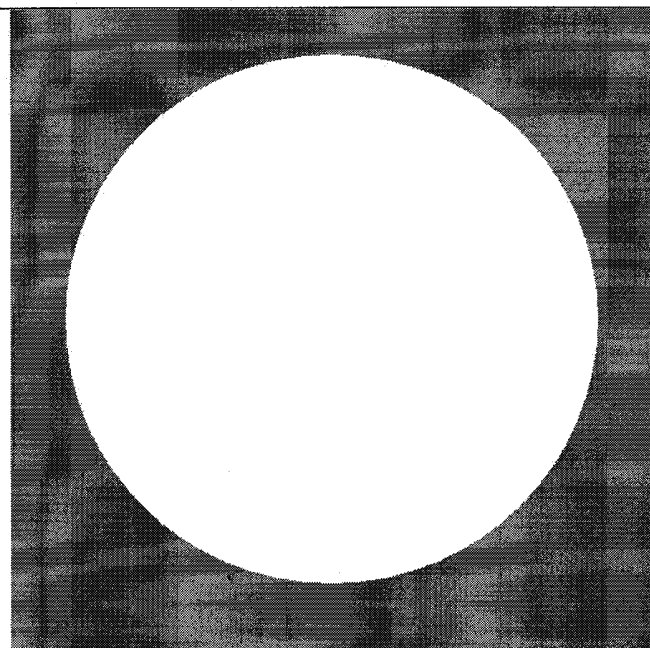
Un-aided zenith
magnitude limit:

4

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

In a blank field - seen but only coma. Still has bluish tint but getting fainter.

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

Date / Time:

Observing location:

Instrument / eyepiece / magnification / field of view:

Comet sky location (constellation, nearest star, or RA/DEC):

Sky & Star steadiness

boiling (circle one) steady

5 4 3 2 1

Sky transparency

Un-aided zenith
magnitude limit:

.....

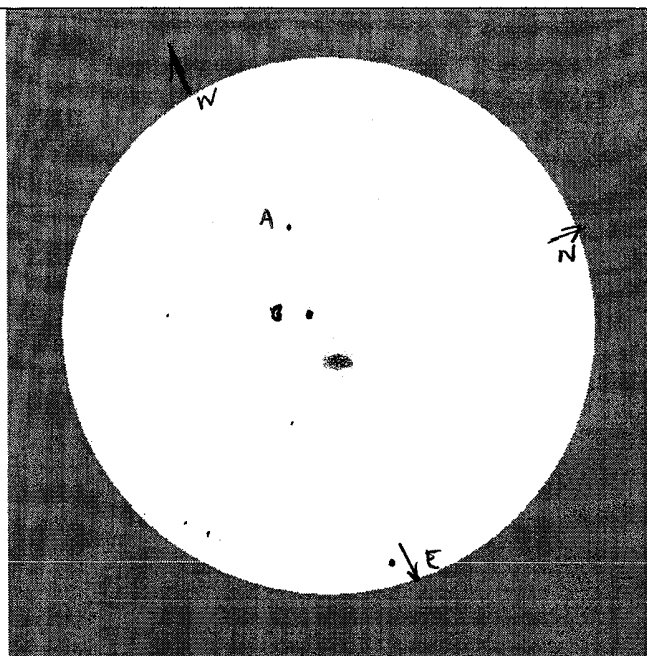
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Be sure to indicate North & East on your drawings.





Observer's name:

B. Zank

Comet:

73P/SCHWASSMANN-WACHMANN "C" 3

Date / Time:

4/17/06

3:25 UT

Observing location:

HOME

Instrument / eyepiece / magnification / field of view:

ETX 125 / 25mm / 73x / 09.9

Comet sky location (constellation, nearest star, or RA/DEC):

CrB

Sky & Star steadiness

boiling

(circle one)

steady

5 4 3 ② 1

Sky transparency

Un-aided zenith magnitude limit:

4.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

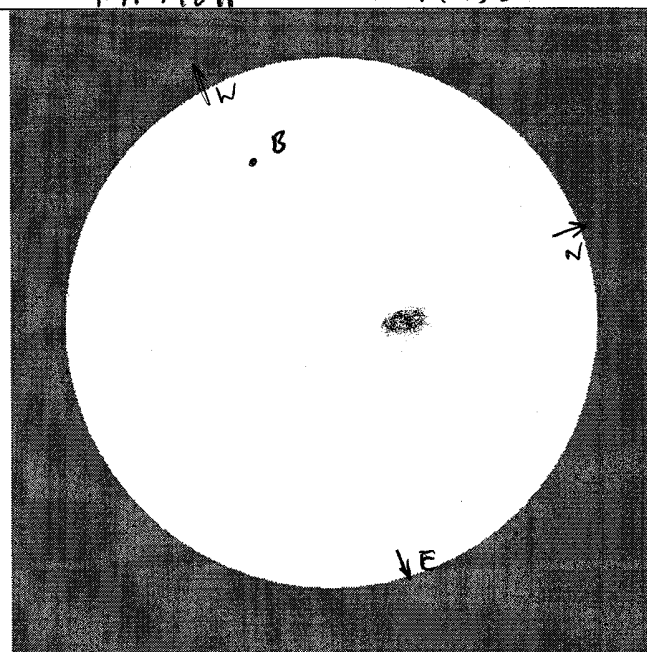
RECONFIRMED @ 3:50 w/ 25mm - higher now - easily DV, no more detail

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

A = m 10.2
HIP 74891

B = m 8.6
HIP 74958

Approx TM TO ME = A → B = 9.0



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

73P/SCHWASSMANN-WACHMANN "C" 3

Date / Time:

4/17/06

3:30 UT

Observing location:

HOME

Instrument / eyepiece / magnification / field of view:

ETX 125 / 10mm / 190x / 8.3

Comet sky location (constellation, nearest star, or RA/DEC):

CrB

Sky & Star steadiness

boiling

(circle one)

steady

5 4 3 ② 1

Sky transparency

Un-aided zenith magnitude limit:

4.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

HIGHER POWER BRINGS OUT NO MORE DETAIL - FLUORESCENT COMA

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

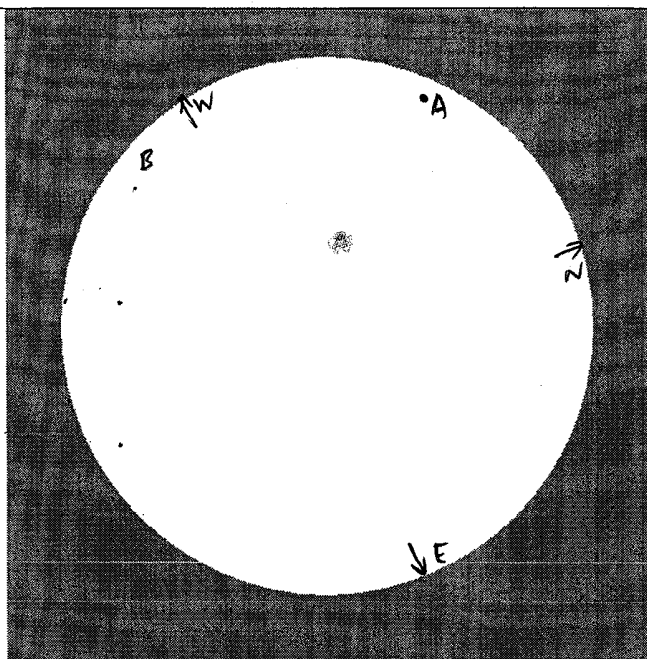
~ 2' LONG & VERY

TENNOUS

####

Be sure to indicate North & East on your drawings.

####



Observer's name:

B Yank

Comet:

73P/SCHWASSMANN-WACHMANN 3 "B"

Date / Time:

4/17/06

3145

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

ETX 125 / 25 mm / 73x / 0.9

Comet sky location (constellation, nearest star, or RA/DEC):

Boo / CrB

Sky & Star steadiness

boiling (circle one) steady
5 4 3 ② 1

Sky transparency

Un-aided zenith magnitude limit: 4.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

EVEN DIMMER & SMALLER A.V. NEEDED TO BE SURE OF IT -

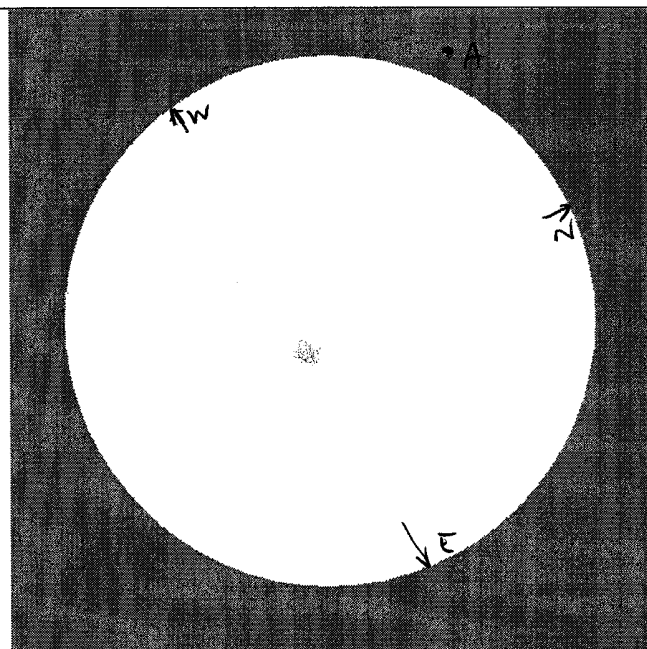
VERY AMORPHOUS, SMALL & DIM

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

A = HIP 73248 m = 7.5

APPROX TM TO ME = B = 9.8

OTHER 4 NOT SEEN ON
CAMERAS ONLY EXCEPT B = HIP 73162 m = 9.8



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

73P S-W 3 "B"

Date / Time:

4/17/06

3:50

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

ETX-125/10mm/90x / 0.3

Comet sky location (constellation, nearest star, or RA/DEC):

Boo / CrB

Sky & Star steadiness

boiling (circle one) steady
5 4 3 ② 1

Sky transparency

Un-aided zenith magnitude limit: 4.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

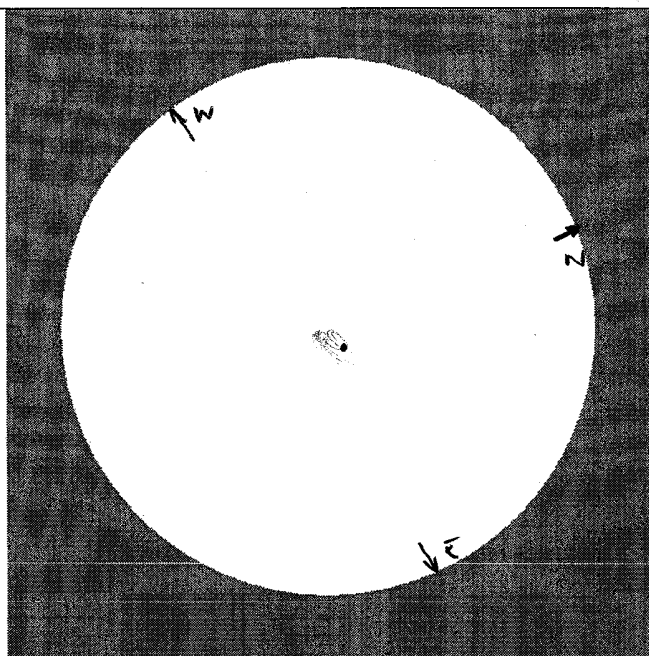
TOO MUCH DIMMER - NO DETAIL

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Be sure to indicate North & East on your drawings.





Observer's name:

B Yount

Comet:

73P/
COMET SCHWASSMANN-WACHMANN 3rd C⁴

Date / Time:

4/18/06

3:30 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

ETX 10mm P / 190x / 6.3

Comet sky location (constellation, nearest star, or RA/DEC):

CrB

Sky & Star steadiness

boiling (circle one) steady
5 4 (3) 2 1

Sky transparency

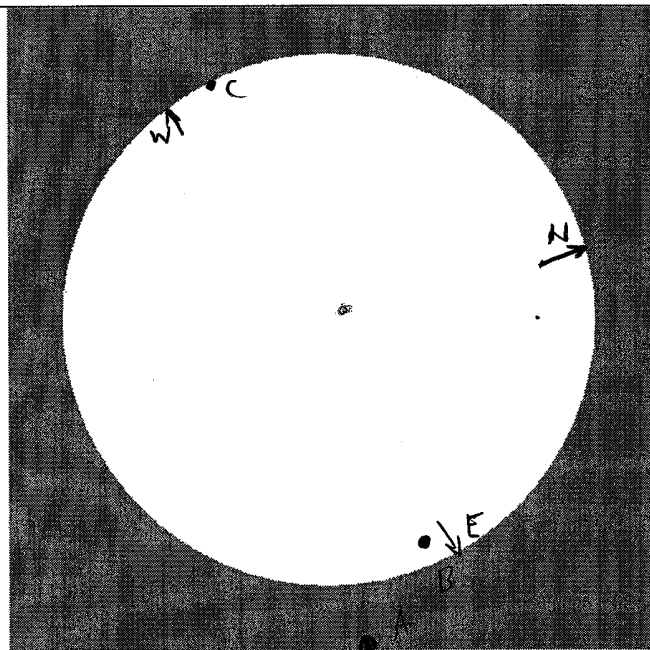
Un-aided zenith magnitude limit: 4.0

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Seemingly "on" a faint star = HIP 75132 9.0 mag

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

With star so near, hard to distinguish detail in coma
"C" is on a star > than it



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

73P/ S-W

"B"

Date / Time:

4/18/06

3:45 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

ETX 125 / 40 / 47x / 0.9

Comet sky location (constellation, nearest star, or RA/DEC):

Boo

Sky & Star steadiness

boiling (circle one) steady
5 4 (3) 2 1

Sky transparency

Un-aided zenith magnitude limit: 4.0

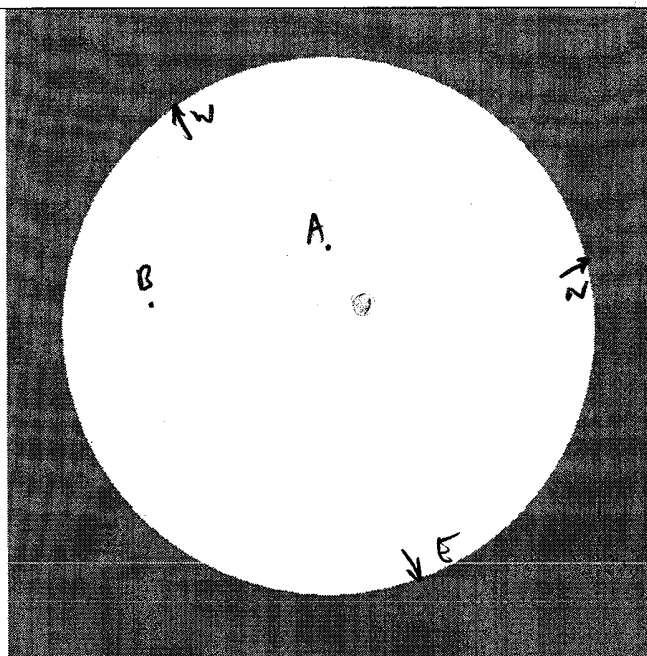
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

AV REQUIRED - poor sky cond. 20m no help. Definitely 1-1.5 mag
< C

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

A = ψ = 4.5 mag B = HIP 73699 6.8m C = HIP 73389 m = 7.6

Be sure to indicate North & East on your drawings.



Observer's name:

B. YOUNG

Comet:

73P/SCHWASSMANN-WACHMANN 3" C"

Date / Time:

4/20/06

3:30 UT

Observing location:

HOME

Instrument / eyepiece / magnification / field of view:

ETX-125/40mm/47x/0.9

Comet sky location (constellation, nearest star, or RA/DEC):

CrB

Sky & Star steadiness

boiling (circle one) steady
5 4 3 ② 1

Sky transparency

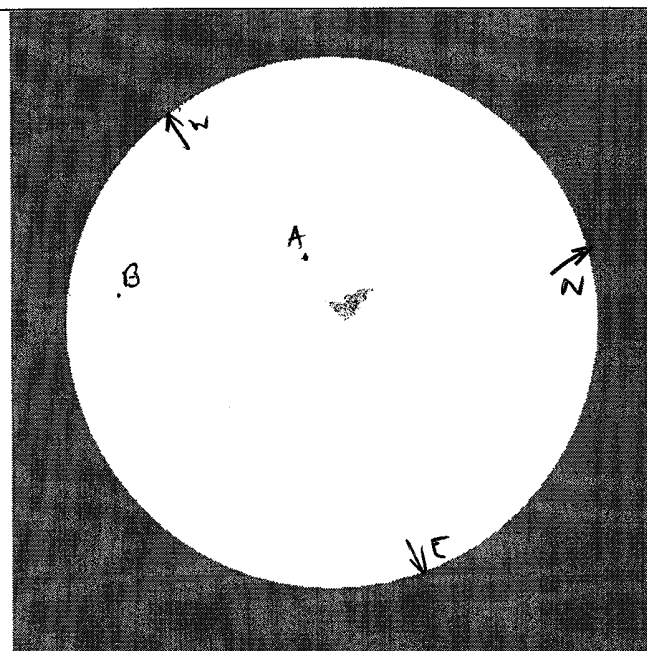
Un-aided zenith magnitude limit: 4.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

OK w/AV but AV helps a lot. Still only coming low

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

A = HIP 75734 m = 8.7 B = HIP 75708 m = 9.4 "C" > A a bit



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

73P/S-W 3" C"

Date / Time:

4/20/06

3:35 UT

Observing location:

HOME

Instrument / eyepiece / magnification / field of view:

ETX125/25mm/73x/0.9

Comet sky location (constellation, nearest star, or RA/DEC):

CrB

Sky & Star steadiness

boiling (circle one) steady
5 4 3 ② 1

Sky transparency

Un-aided zenith magnitude limit: 4.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

73x brings it out more, AV still helps but not required

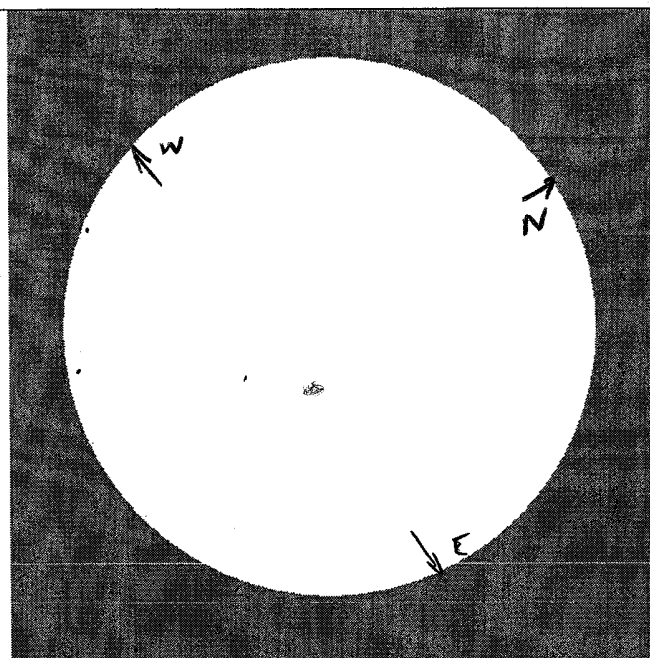
Observing notes (difficulty, observing partners, interesting objects in field, general comments):

Definite shape as shown.

||||

Be sure to indicate North & East on your drawings.

||||



Observer's name:

B. Yount

Comet:

73P/Schwassmann-Wachmann 3 'B'

Date / Time:

4/20/06

3:50 UT

Observing location:

Home

Instrument / eyepiece / magnification / field of view:

ETX 125/25mm / 73x / 0.9

Comet sky location (constellation, nearest star, or RA/DEC):

Boo

Sky & Star steadiness

boiling

(circle one)

steady

5

4

3

(2)

1

Sky transparency

Un-aided zenith
magnitude limit:

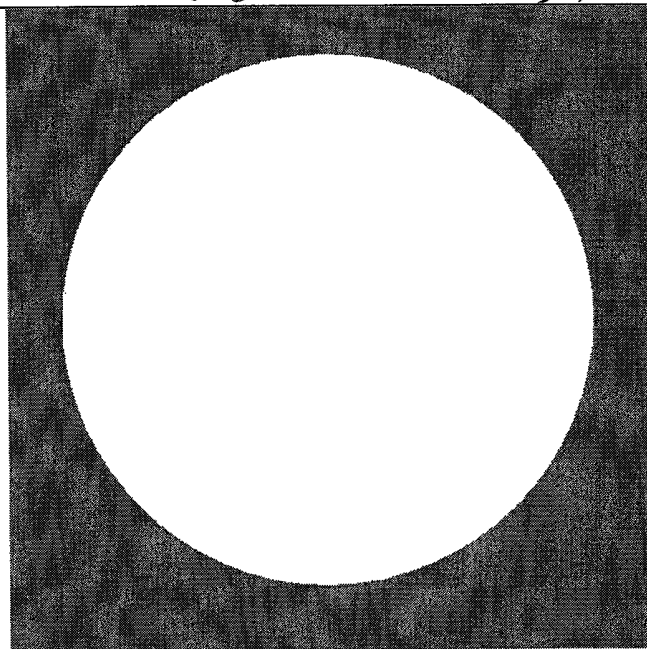
4.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Difficult, seen readily w/AV on a black field but can't "get it" well enough to describe any shape to it.

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

Stars shown < 10 mag, comet "B" is nearly as dim



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

Date / Time:

Observing location:

Instrument / eyepiece / magnification / field of view:

Comet sky location (constellation, nearest star, or RA/DEC):

Sky & Star steadiness

boiling

(circle one)

steady

5

4

3

2

1

Sky transparency

Un-aided zenith
magnitude limit:

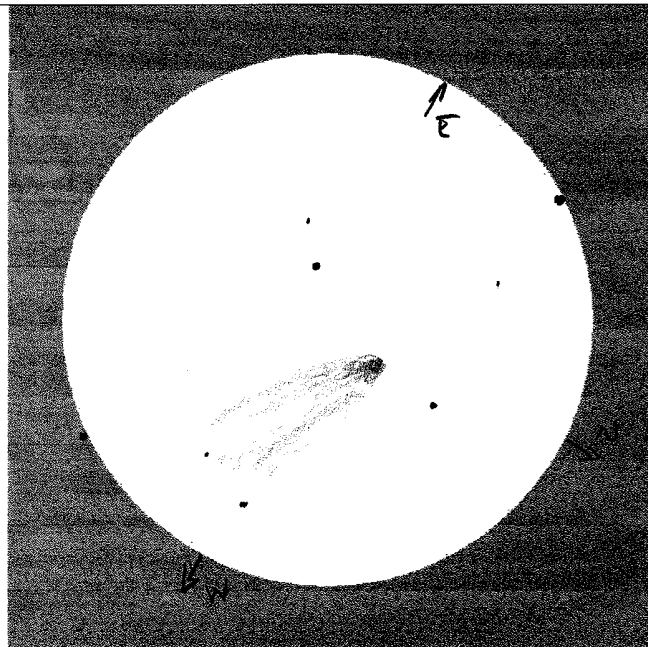
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Be sure to indicate North & East on your drawings.





Observer's name:

B. Young

Comet:

73P/Schwassmann-Wachmann 3 "C"

Date / Time:

4/22/06

3:00 UT

Observing location:

RMCC

Instrument / eyepiece / magnification / field of view:

XT-12 / 25mm / 60x / 19.0

Comet sky location (constellation, nearest star, or RA/DEC):

CrB

Sky & Star steadiness

boiling	(circle one)			steady
5	4	3	(2)	1

Sky transparency

Un-aided zenith magnitude limit: 5.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

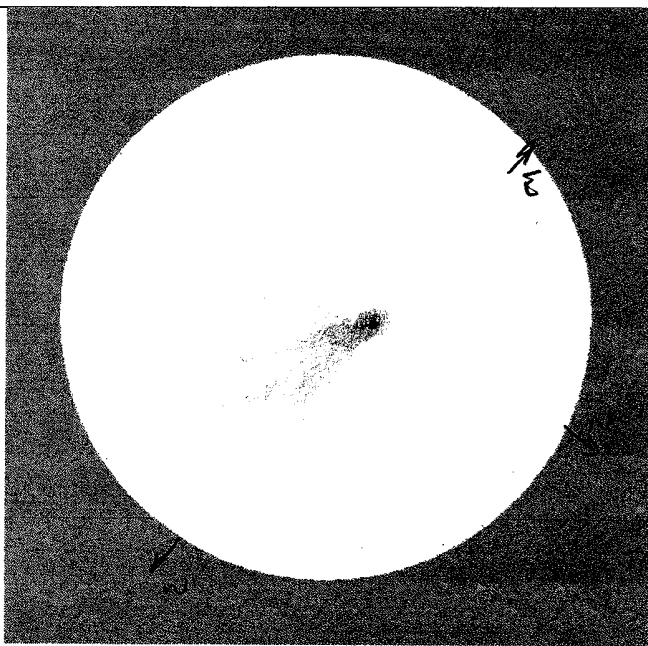
Finally a "REAL" VIEW AT DARK SITE. "C" REALLY SHOWS OFF

COMA & TAIL OUT HERE, 7.5 mag, COMA ~ 10', NOT WELL CONDENSED, TAIL

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

OUT 30'. NO COLOR, GRAINY

TEXTURE SEEN BETTER AT 150x



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

73P/S-W 3

"C"

Date / Time:

4/22/06

3:05 UT

Observing location:

RMCC

Instrument / eyepiece / magnification / field of view:

XT-12 / 10mm / 150x / 09.3

Comet sky location (constellation, nearest star, or RA/DEC):

CrB

Sky & Star steadiness

boiling	(circle one)			steady
5	4	3	(2)	1

Sky transparency

Un-aided zenith magnitude limit: 5.5

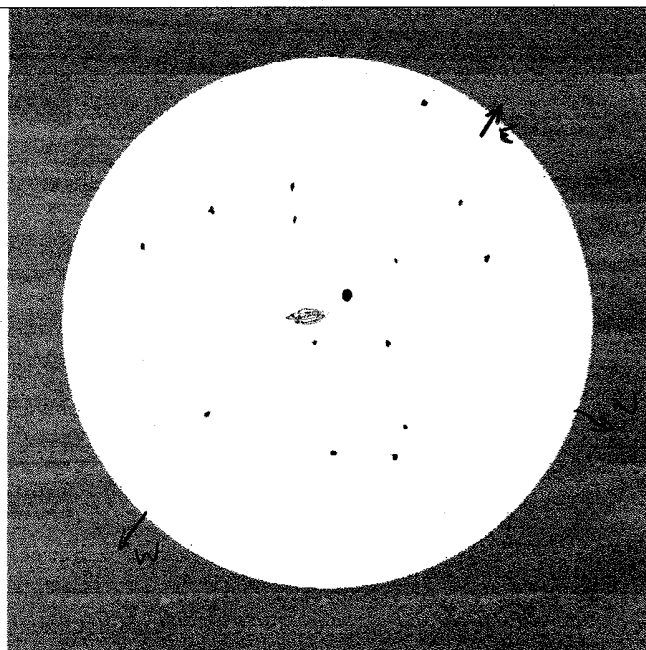
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

NOTE: TIM, & JERRY M. ALL SAW IF "C" SEEN 10x50 @ 11:20 PM

Be sure to indicate North & East on your drawings.

CRB



Observer's name:

D. Young

Comet:

73P/Comet Schwassmann-Wachmann 3rd Bth

Date / Time:

4/22/06

3:10 UT

Observing location:

RMCC

Instrument / eyepiece / magnification / field of view:

XT-12 / 42 / 37x / 1.7

Comet sky location (constellation, nearest star, or RA/DEC):

χ Boo

Sky & Star steadiness

boiling	(circle one)			steady
5	4	3	2	1

Sky transparency

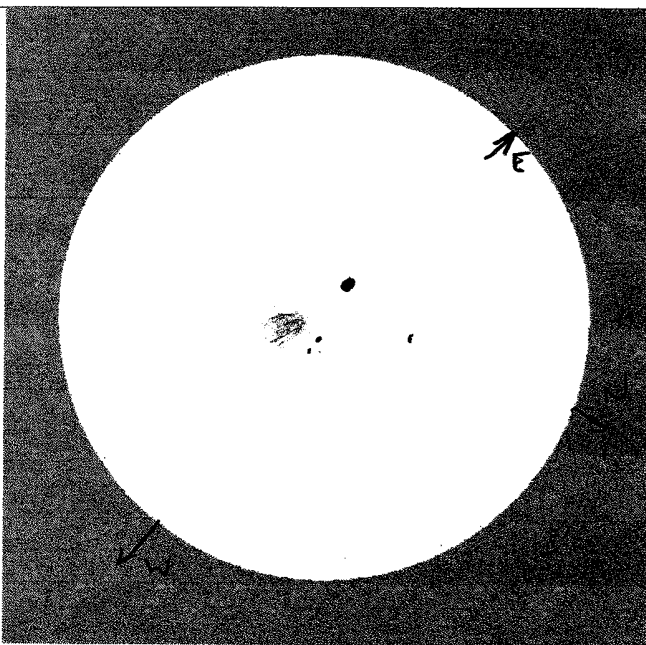
Un-aided zenith
magnitude limit:

5.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Glow - no detail @ 37x but easily seen near χ Boo

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

73P/Schwassmann-Wachmann 3rd Bth

Date / Time:

4/22/06

3:15 UT

Observing location:

RMCC

Instrument / eyepiece / magnification / field of view:

XT-12 / 25mm / 60x / 1.0

Comet sky location (constellation, nearest star, or RA/DEC):

χ Boo

Sky & Star steadiness

boiling	(circle one)			steady
5	4	3	2	1

Sky transparency

Un-aided zenith
magnitude limit:

5.5

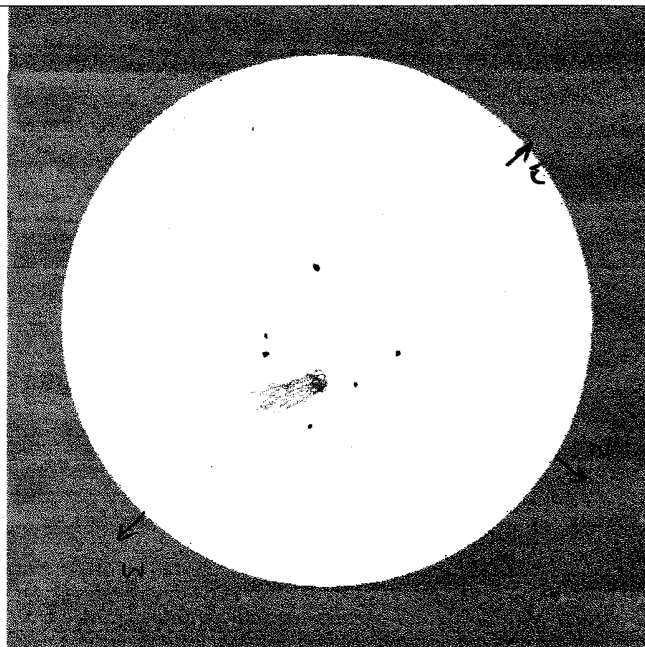
Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Some detail here, still a very uncondensed coma, hat of

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

tail

Be sure to indicate North & East on your drawings.



Observer's name:

B. Yount

Comet:

73P/Schwassmann-Wachmann 3C¹¹

Date / Time:

4/22/06

5:00 UT

Observing location:

RMCC

Instrument / eyepiece / magnification / field of view:

XT-12/42mm/37x/1.7

Comet sky location (constellation, nearest star, or RA/DEC):

Cab

Sky & Star steadiness

boiling	(circle one)			steady
5	4	3	②	1

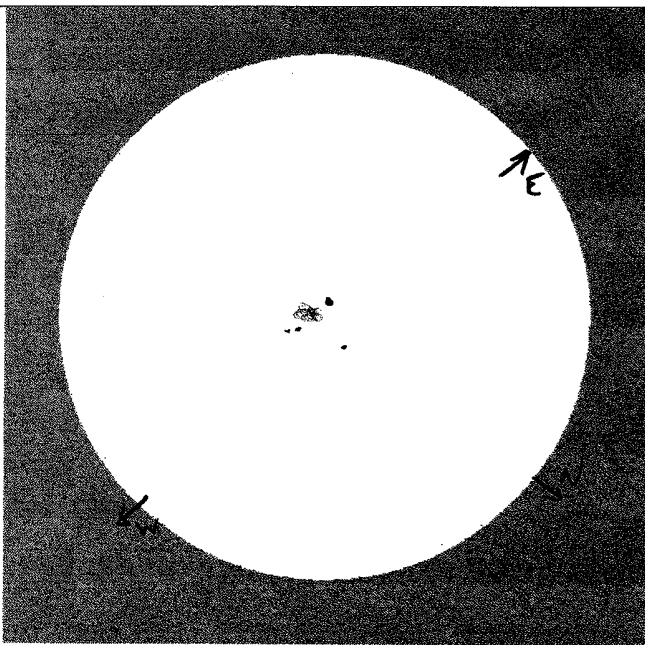
Sky transparency

Un-aided zenith magnitude limit: 5.8

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

To show motion & view in higher sky.

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

73P/Schwassmann-Wachmann 3B^m

Date / Time:

4/22/06

5:08 UT

Observing location:

RMCC

Instrument / eyepiece / magnification / field of view:

XT-12/42/37x/1.7

Comet sky location (constellation, nearest star, or RA/DEC):

Boo

Sky & Star steadiness

boiling	(circle one)			steady
5	4	3	②	1

Sky transparency

Un-aided zenith magnitude limit: 5.8

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Now I can just see a hint of cond @ very core - still

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

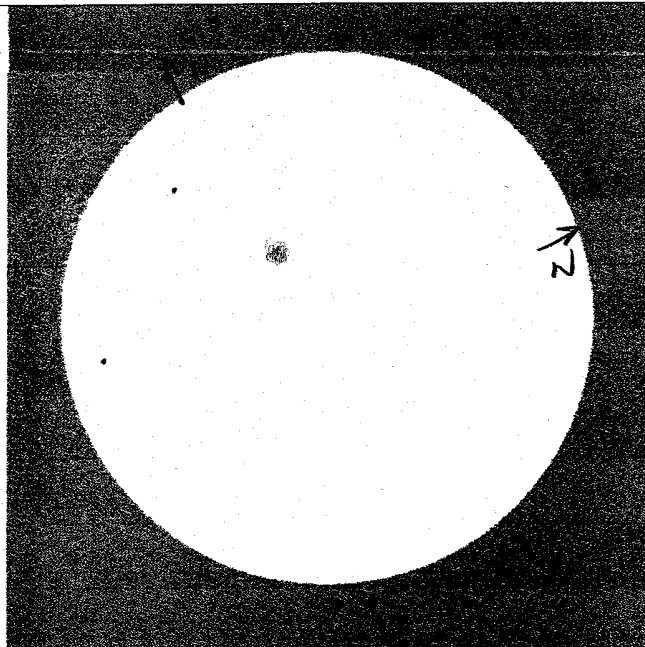
highly amorphous

Notice movement in last few hours

FFFF

Be sure to indicate North & East on your drawings.

FFFF



Observer's name:

B. YOUNG

Comet:

73P/SCHWASSMANN-WACHMANN 3 "C"

Date / Time:

4/28/06

3:25 UT

Observing location:

HOME

Instrument / eyepiece / magnification / field of view:

ETX-125/40/47x/0.9

Comet sky location (constellation, nearest star, or RA/DEC):

CrB

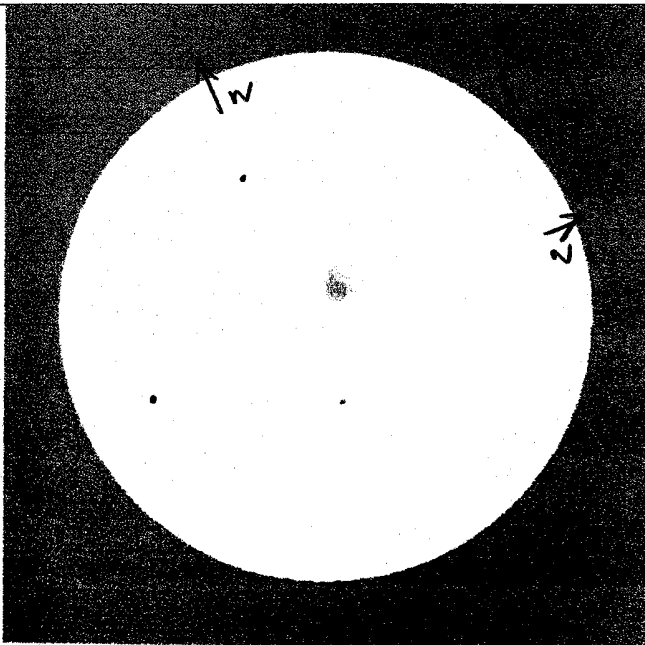
Sky & Star steadiness
boiling (circle one) steady
5 4 (3) 2 1

Sky transparency

Un-aided zenith magnitude limit: 4.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

Observing notes (difficulty, observing partners, interesting objects in field, general comments):



Note: This can be the second drawing of the same comet above to show motion compared to background stars. Or, if a second position is indicated in the first drawing, this can be a different comet observation.

Comet:

Same

Date / Time:

4/28/06

3:30 UT

Observing location:

HOME

Instrument / eyepiece / magnification / field of view:

ETX-125/25/73x/0.9

Comet sky location (constellation, nearest star, or RA/DEC):

CrB

Sky & Star steadiness
boiling (circle one) steady
5 4 (3) 2 1

Sky transparency

Un-aided zenith magnitude limit: 4.5

Comet description (magnitude, coma size, condensation, tail(s), color, shape, texture, motion):

(Both) Very hard to see in city - uncondensed, hint of tail

Observing notes (difficulty, observing partners, interesting objects in field, general comments):

"sweep" w/73x

Need to go back to dark site

PPPP

Be sure to indicate North & East on your drawings.

PPPP

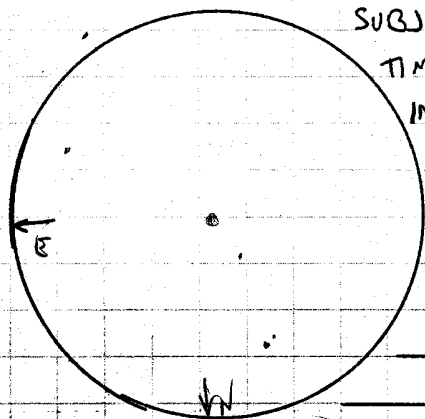
Blank field, mag ~7.5 total

BRAD YOUNG

TULSA, OKLAHOMA

OBSERVATION RECORD

OBSERVATION: Why not (PARANORMAL) SEEING: III CLARITY: IV
GENERAL NOTES: CRABPOT SLICES TIME: 4:40-6:00^{EST} DATE: 5/12/96
INSTRUMENT: EYE GLASS (4.5") POWER: 10X 45X 70X 220X 440X LOCATION: 5TH



SUBJECT: CRABPOT

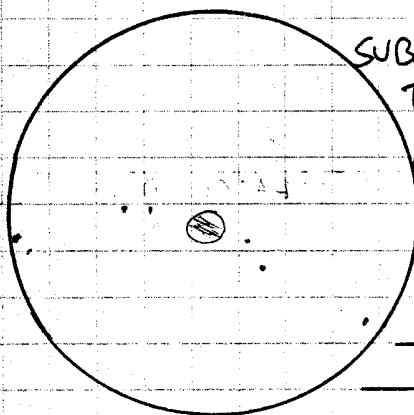
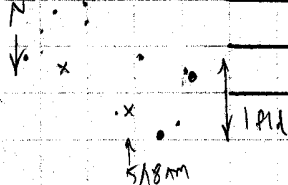
TIME: 4:40

INSTRUMENT: 4.5"

NOTES: 45X

NEAR help

N
↓
FIELDS



SUBJECT: 4

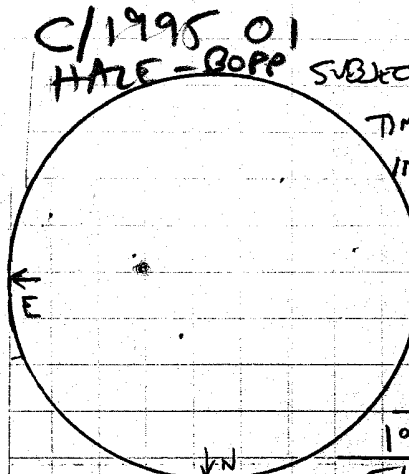
TIME: 5:04

INSTRUMENT: 4.5"

NOTES: 45X

NICE FIELDS

MOON OUT.



C/1995 01
HALE - ROPP

SUBJECT: COMET HALE

TIME: 4:50

INSTRUMENT: 4.5"

NOTES: 45X

1/2 mag brighter

more cond.

that Kopp

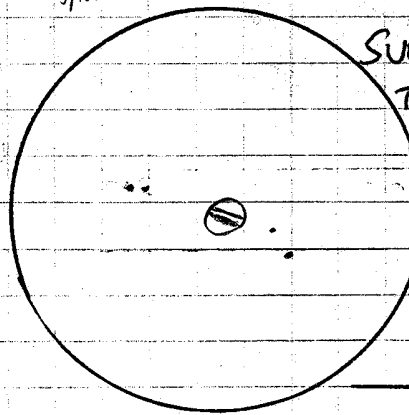
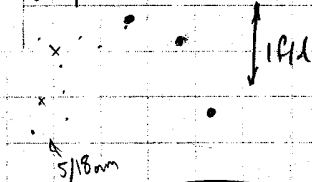
No AV needed

1° field

5/10/96

9:50 UT

N
↓
FIELDS



SUBJECT: 3

TIME: 5:58

INSTRUMENT: 4.5"

NOTES: 45X

BRAD YOUNG

TULSA, OKLAHOMA

OBSERVATION RECORD

OBSERVATION:

GENERAL NOTES:

INSTRUMENT: ~~EXE 10X50~~ 4.5" POWER: 10X 45X 90X 220X 440X

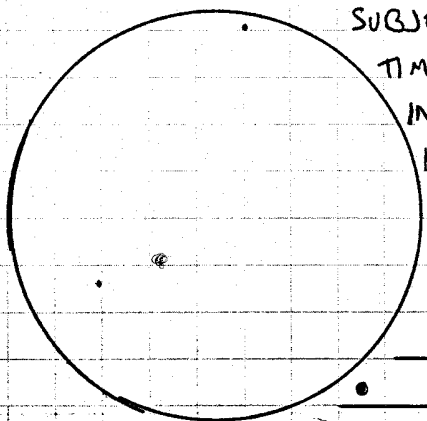
TIME:

~~CST~~
CDT

SEEING: II CLARITY: II

DATE: 5/18/96 AM

LOCATION:



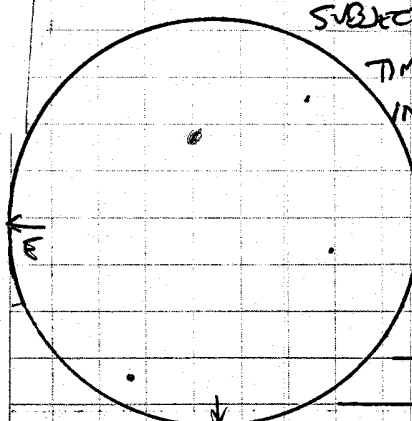
SUBJECT: COMET KOPFF

TIME: 5:00 ~~CST~~ CDT

INSTRUMENT: 4.5"

NOTES: 45X

EASY



SUBJECT: COMET HALLEY

TIME: 5:15 ~~CST~~ CDT

INSTRUMENT: 4.5"

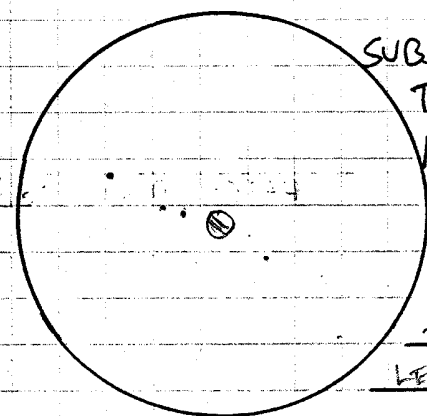
NOTES: 45X

EASY - COMA

ONLY 10X

5/18/96

10:15 UT



SUBJECT: 9

TIME: 5:55 ~~CST~~ CDT

INSTRUMENT: 4.5"

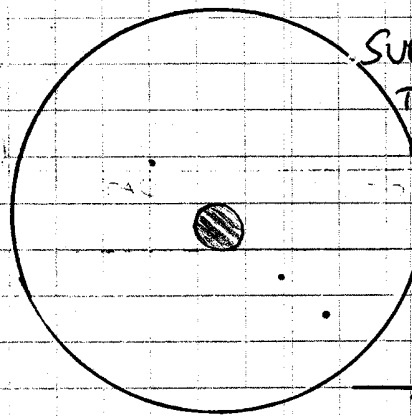
NOTES: 45X

LAST REMY

ONLY VIEW

TO WIRE - SPACED

LEFT TO RY



SUBJECT: 7

TIME: 5:25 ~~CST~~ CDT

INSTRUMENT: 4.5"

NOTES: 220X

OBSERVATION RECORD

6/25/96 AM

TIME:

CST
COT

SEEING:

CLARITY: III

DATE:

INSTRUMENT: EXE 10K50 4.5" POWER: 10X 45X 90X 220X 440X

LOCATION:

SUBJECT: 4

TIME: 5:06 ^{CST}~~EDT~~

INSTRUMENT: 45"

NOTES: 240x

SUBJECT: Core of Fake-Byg

TIME: 5:30

INSTRUMENT: 4.5"

NOTES: 402

Wow! nice

CGMA /

NUCLEUS AND

SHORT TAIL

10 FIELD

6/25/96

10:30 ✓

SUBJECT: h

Time: 6:00 ^{CST} ~~COT~~

Wavelength: 4.04

NOTES: 290X

SUBJECT: 4

TIME: 5:45 ^{CJS}
CD

Instrument: 4x5"

NOTES: 280X

BRAD YOUNG

TULSA, OKLAHOMA

OBSERVATION RECORD

OBSERVATION: REFUND

GENERAL NOTES:

INSTRUMENT: EYE 10X50 4.5"

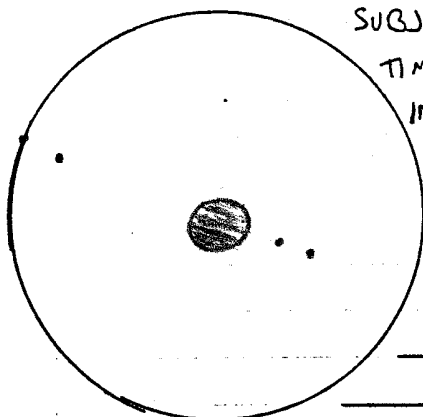
6/28 p.m. → 6/29 a.m. obs

TIME: 10:30-6:35

SEEING: II CLARITY: II

DATE: 6/28/29/96

LOCATION: 57

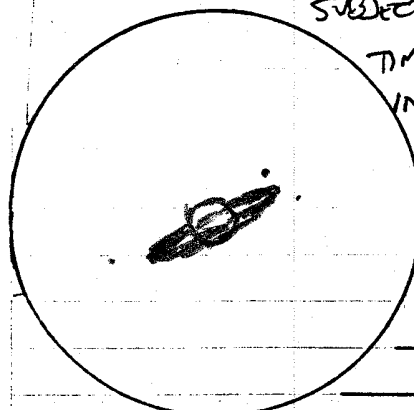


SUBJECT: 4

TIME: 4:36 CST

INSTRUMENT: 4.5"

NOTES: 220X

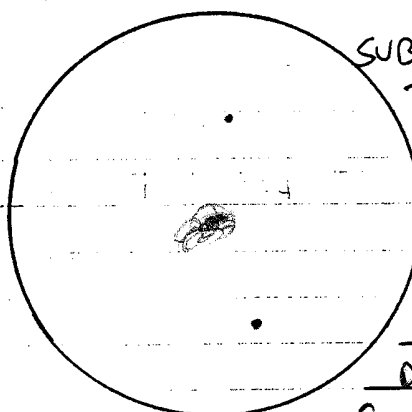


SUBJECT: 4

TIME: 5:15 CST

INSTRUMENT: 4.5"

NOTES: 220X



(low)
SUBJECT: Hale-Bopp

TIME: 4:30 CST

INSTRUMENT: 4.5"

NOTES: 400X

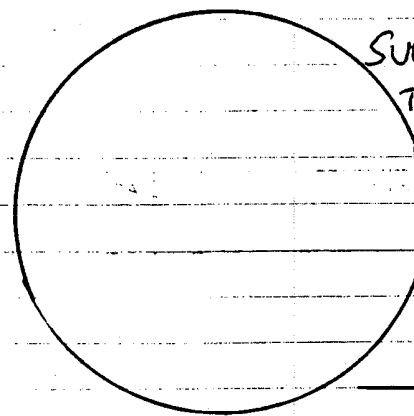
6/29/96

9:30 UT

NICE CONTRAST

NO TAIL

SEEN 1° FLD



SUBJECT: CS

TIME: CS

INSTRUMENT: CS

NOTES: CS

FIELDS

NOTE! SCOPE
HAD BEEN STOLEN

Tulsa

Comet Hale-Bopp 3/10/97 5:10am
p.c. (last night home!)

← BRAD YOUNG
3/10/97
11:10 UT
IX

NE E

Comet Hale-Bopp 3/15/97 7:15pm
Tulsa
only 35 min also 5:15 (twisted) from 5:22
from red with eye

← 3/16/97
1:15 UT
IX

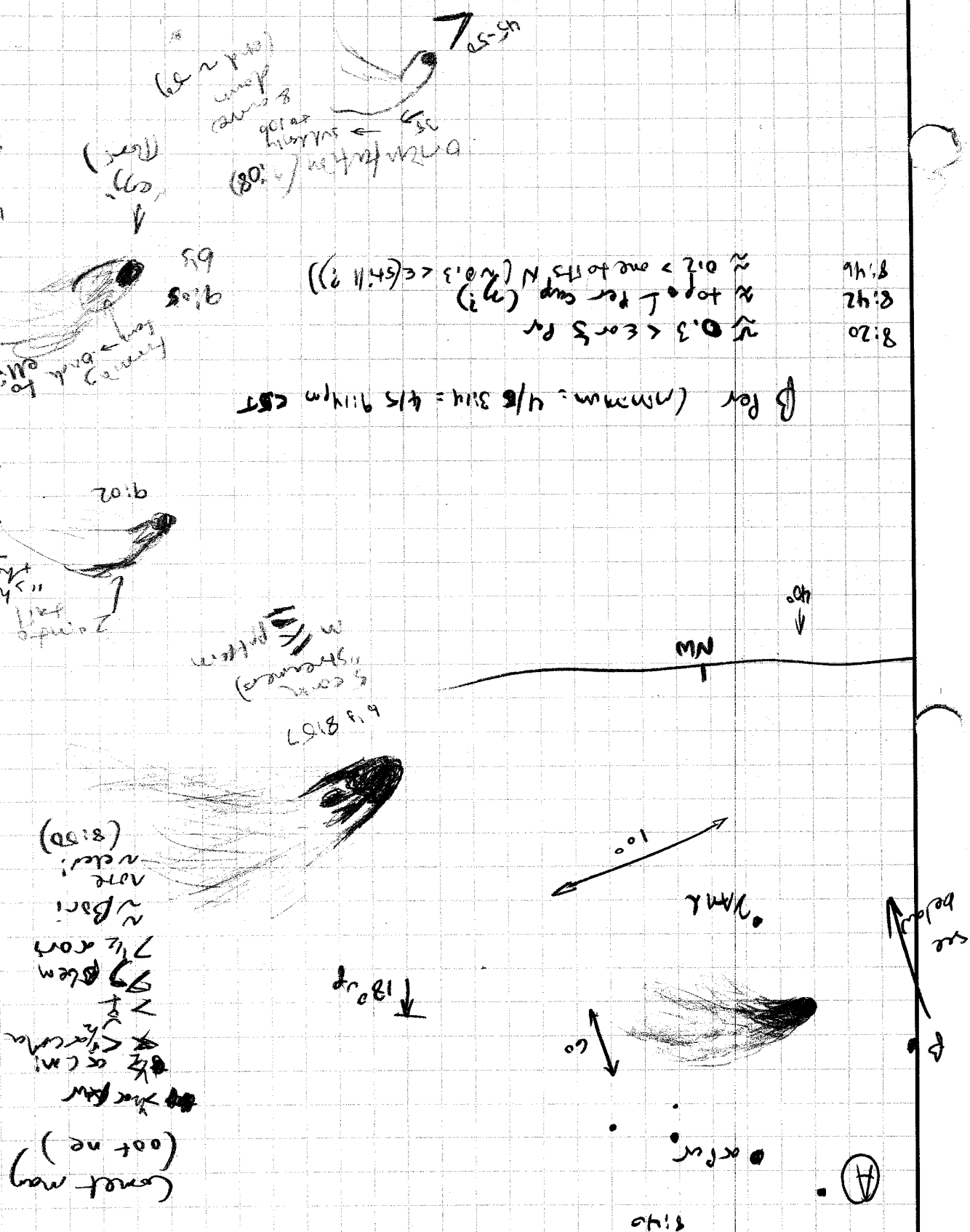
W NW
7:40pm

αCMa

1:40pm
from W. Hills
m. 91
W. Hill

W WNW

SUBJECT:	SHEET: _____ OF _____
CLIENT:	DATE: _____
COMPUTED BY: _____	JOB: _____
CHKD. BY: _____	CONTRACT NO.: _____



ENGINEERING COMPUTATION SHEET

cont

SUBJECT:

CLIENT:

COMPUTED BY:

CHKD. BY:

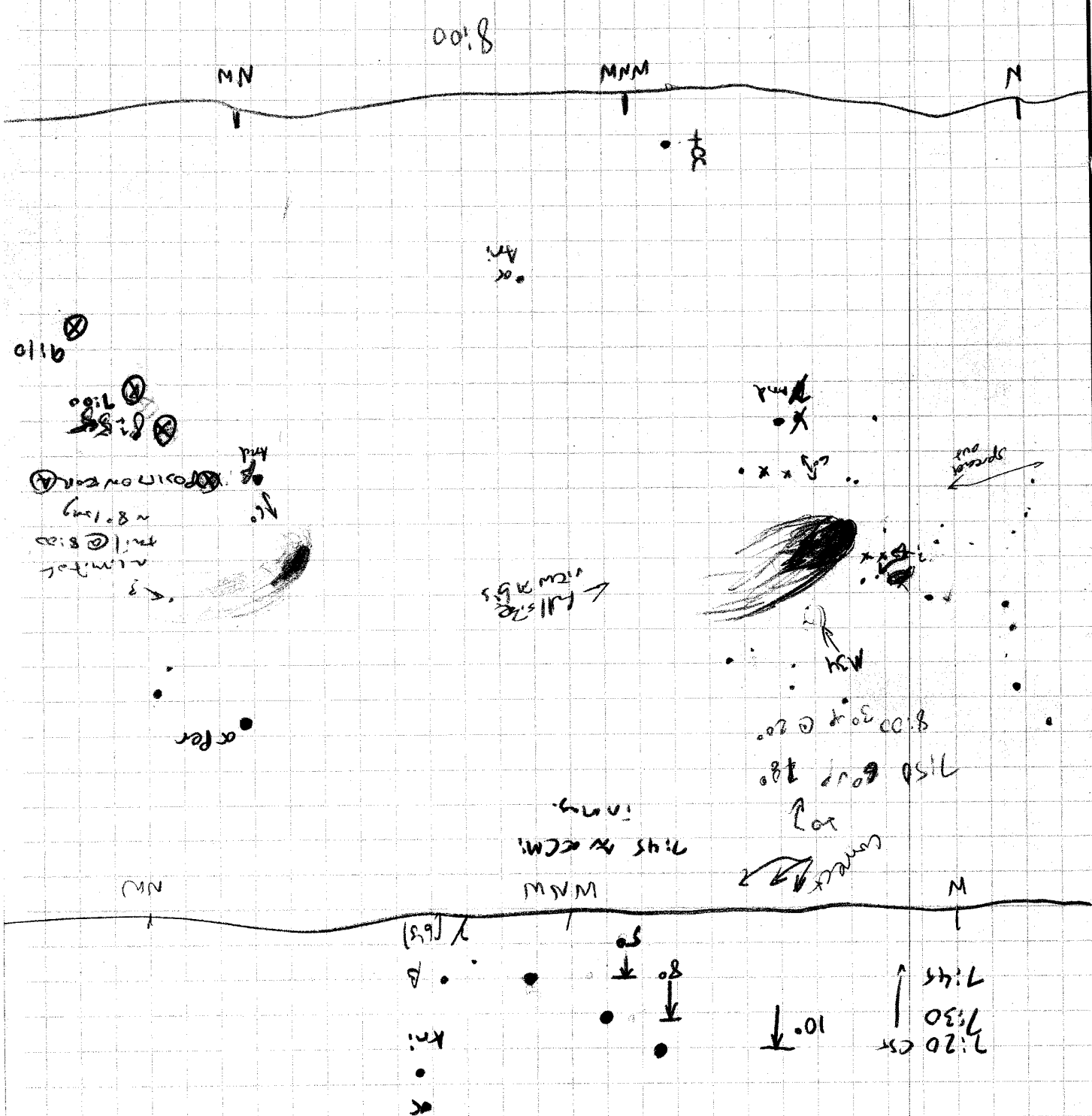
JOB:

CONTRACT NO.:

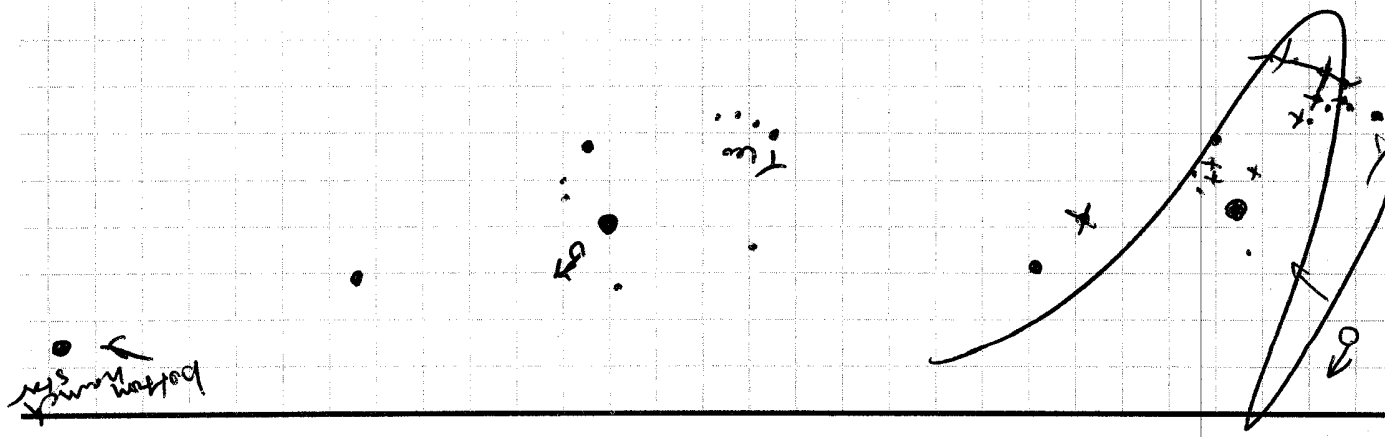
DATE: _____

SHEET: _____ OF _____

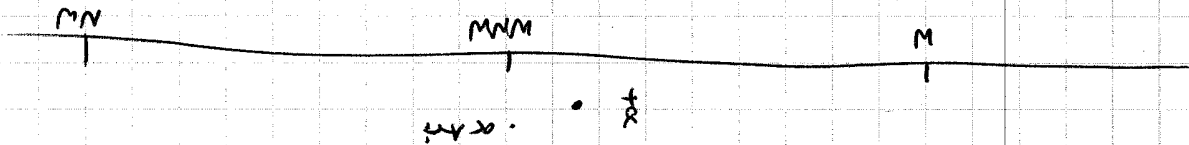
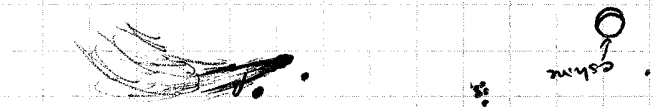
41/5/97



SUBJECT: _____ OF _____ SHEET: _____
CLIENT: _____
COMPUTED BY: _____ CHKD. BY: _____ JOB: _____ CONTRACT NO.: _____

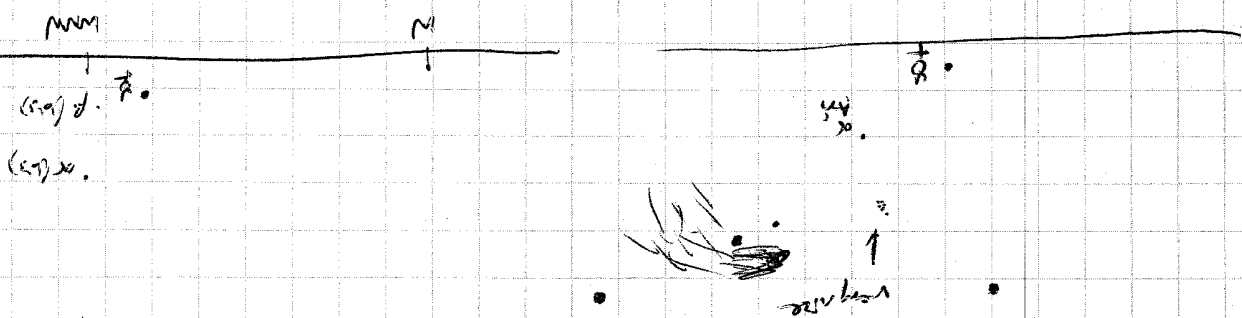


4/9/97 From "end of" 290 8:45



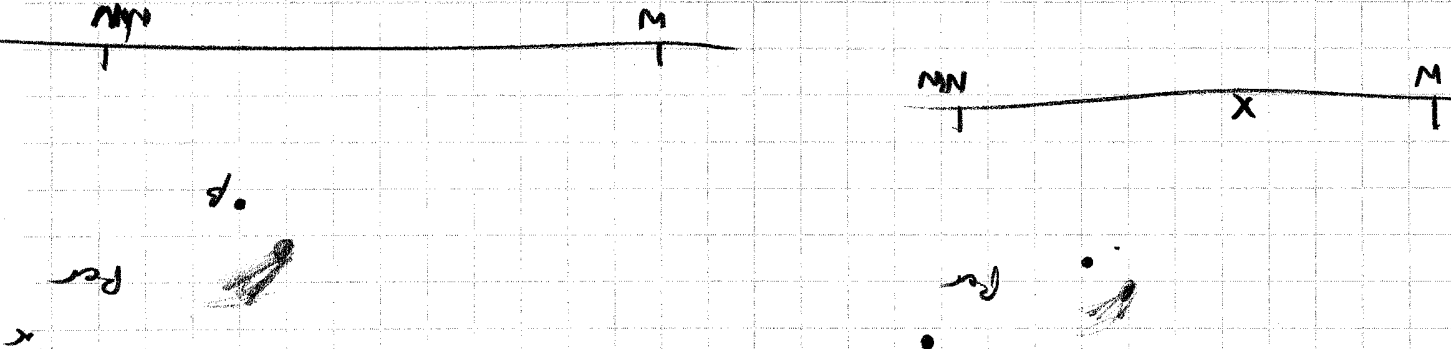
4/13/97 7:15 8:45

4/11/97 31,000 feet above College Station 8:00



SUBJECT: _____
CLIENT: _____
COMPUTED BY: _____
CHKD. BY: _____
JOB: _____
CONTRACT NO.: _____
DATE: _____
SHEET: _____ OF _____

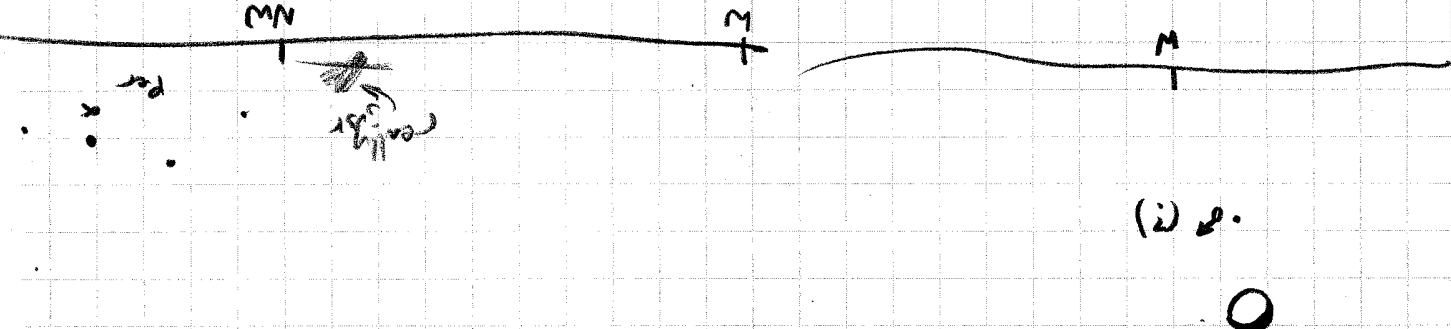
4/15/97 Houston 8:55pm
O ← com on led
30,000 ft up 100 NMWST
4/17/97
O ← com on led
30,000 ft up 100 NMWST
4/17/97



4/18/97 2:15am (Aurora)
oncent during!

moon

4/18/97 10:50 pm
Long went to ball game 6:5
with 18 ramps
and car
or for

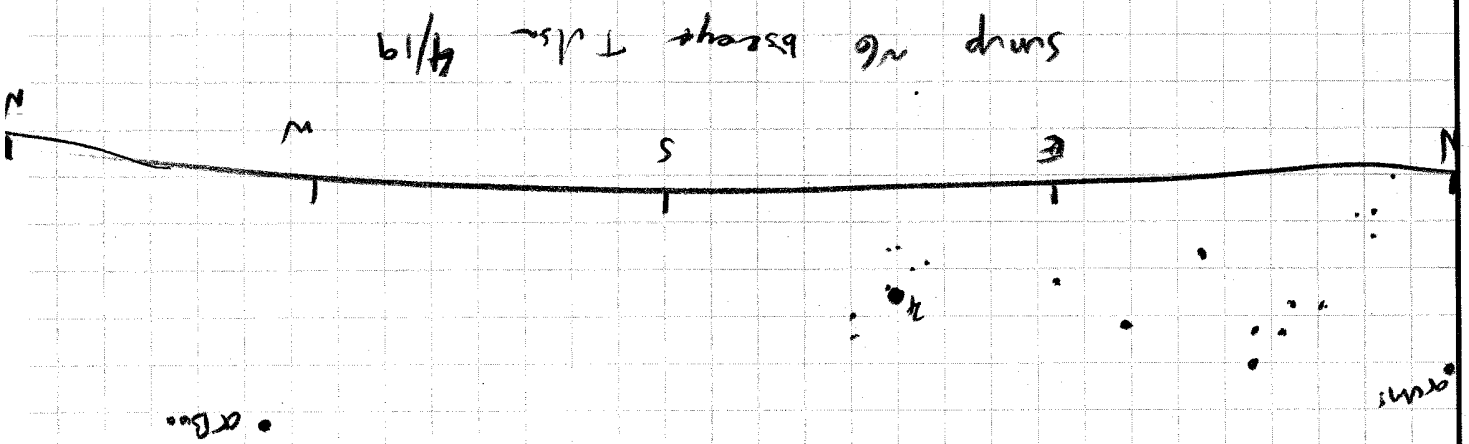
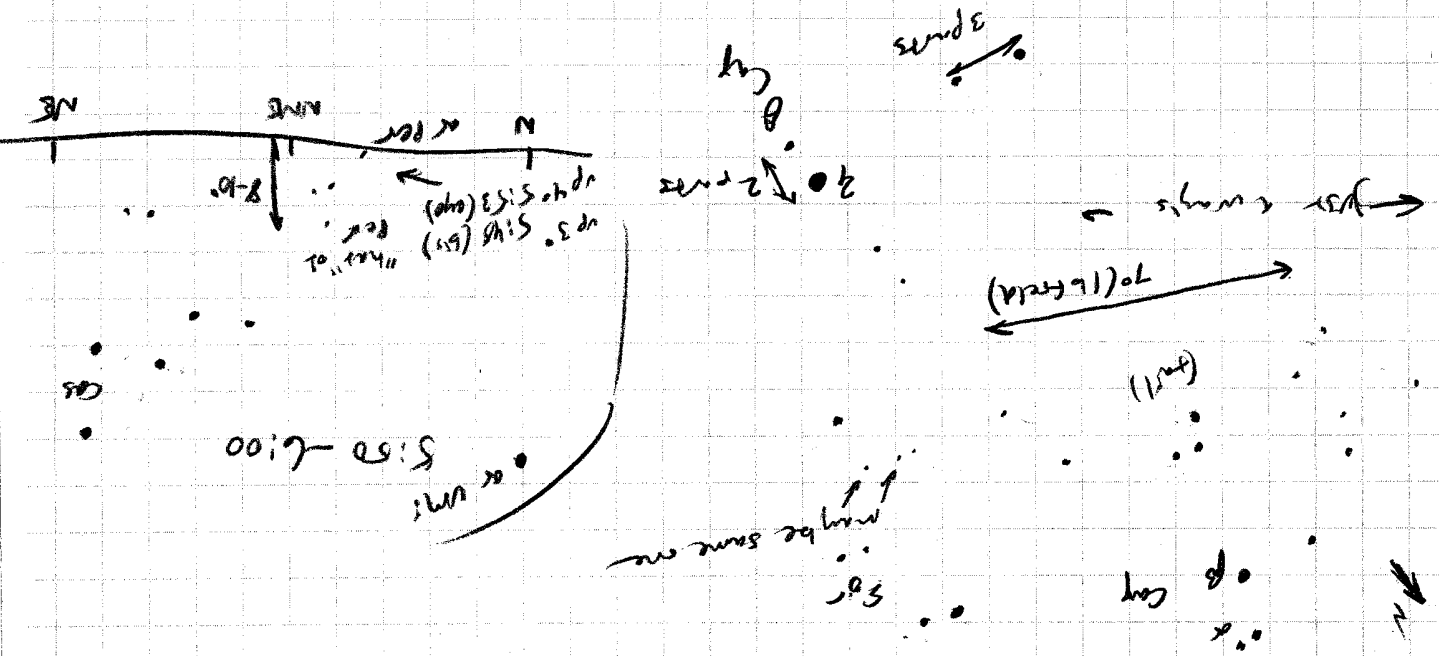


4/18/97 4:15am



SUBJECT: _____
CLIENT: _____
COMPUTED BY: _____
CHKD. BY: _____
JOB: _____
CONTRACT NO.: _____
DATE: _____
SHEET: _____ OF _____

4/19 5:15-5:25 am Tulsa



See back

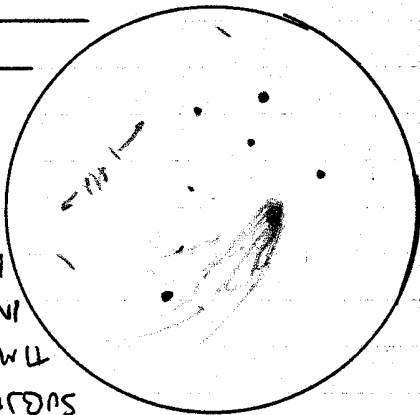
BRAD YOUNG

TULSA, OKLAHOMA

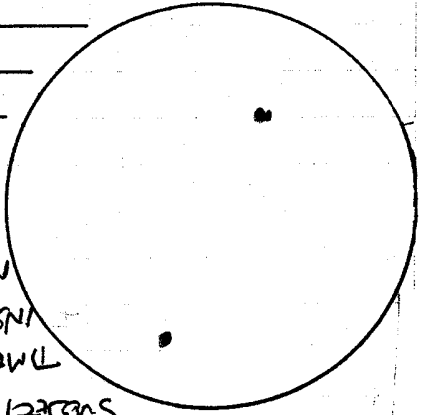
See left
OBSERVATION RECORD

OBSERVATION: _____
GENERAL NOTES: _____
INSTRUMENT: EYE PISO 4.5" POWER: 10X 45X 90X 220X 440X
TIME: _____
DATE: 4/20/97
CLARITY: _____
SEEING: _____
LOCATION: _____

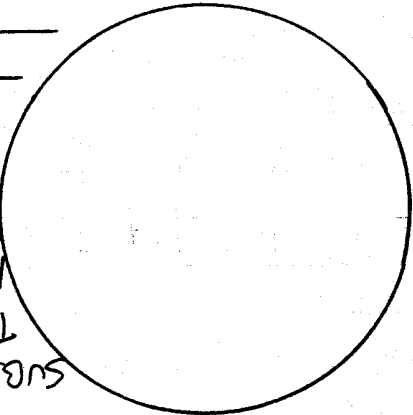
TULSA



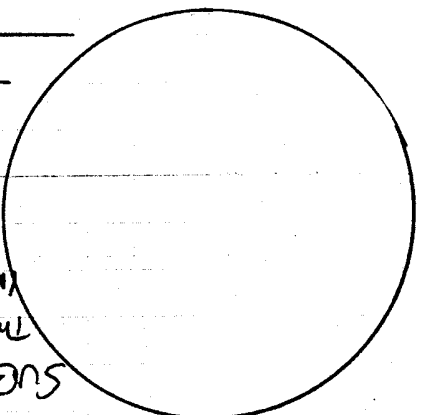
SUBJECT: _____
TIME: _____
INSTRUMENT: Dinos
NOTES: _____



SUBJECT: 2 Lyr
TIME: _____
INSTRUMENT: _____
NOTES: _____



SUBJECT: _____
TIME: _____
INSTRUMENT: _____
NOTES: _____



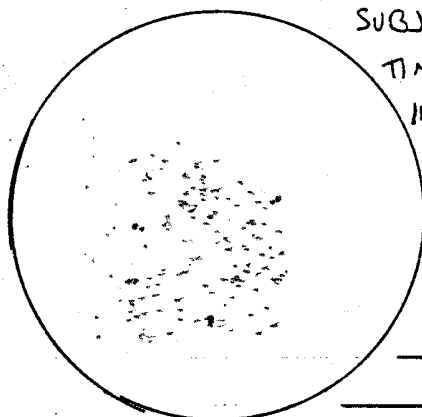
SUBJECT: _____
TIME: _____
INSTRUMENT: _____
NOTES: _____

BRAD YOUNG

TULSA, OKLAHOMA

OBSERVATION RECORD

OBSERVATION: _____ SEEING: _____ CLARITY: _____
GENERAL NOTES: _____ TIME: _____ CST DATE: _____
INSTRUMENT: EYE 10X50 4.5" POWER: 10X 45X 90X 220X 440X LOCATION: _____

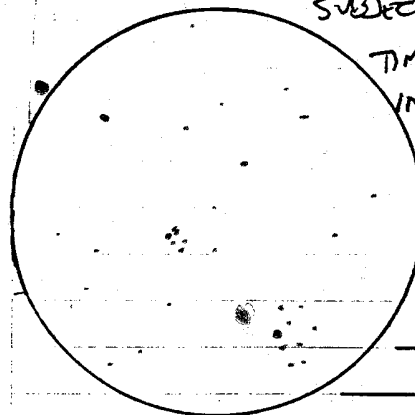


SUBJECT: M6

TIME: _____ CST

INSTRUMENT: _____

NOTES: 45X

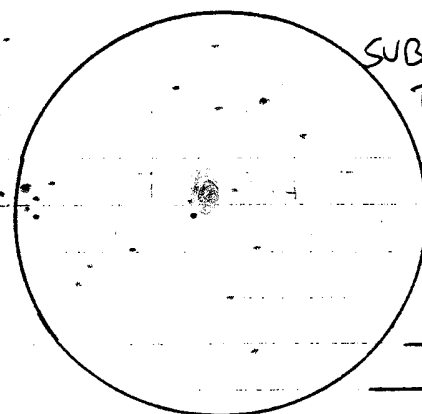


SUBJECT: KOPPE

TIME: _____ CST

INSTRUMENT: _____

NOTES: _____

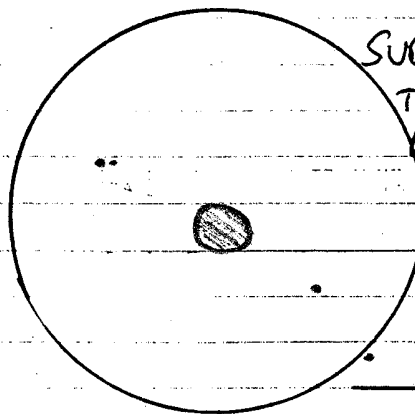


SUBJECT: HAIR-BALL

TIME: _____ CST

INSTRUMENT: _____

NOTES: 45X



SUBJECT: 4

TIME: _____ CST

INSTRUMENT: _____

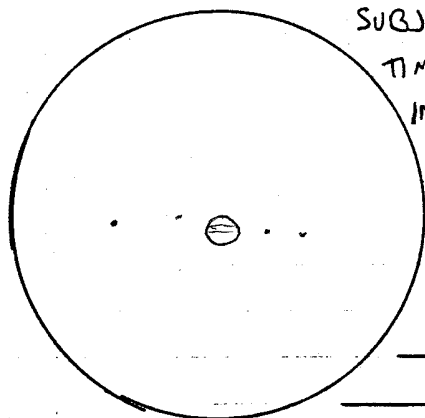
NOTES: 220X

BRAD YOUNG

TULSA, OKLAHOMA

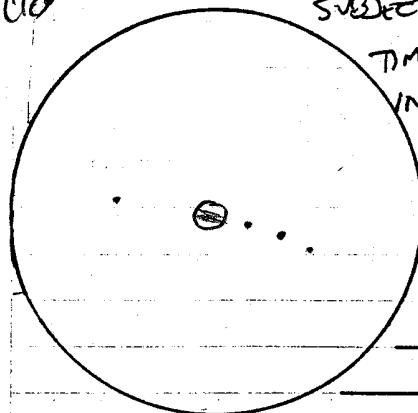
OBSERVATION RECORD

OBSERVATION: @ RIVER (!)
GENERAL NOTES: BECOMING JAIL (!)
INSTRUMENT: ~~SE 10X50~~ 4.5" POWER: ~~10X45X70X20X450X~~
SEEING: ~~I~~ CLARITY: ~~I~~
DATE: 7/20-21/96
LOCATION: RIVER (!)



SUBJECT: 4
TIME: 1:00 ^{CST} ~~CST~~
INSTRUMENT: 4.5"
NOTES: 40X

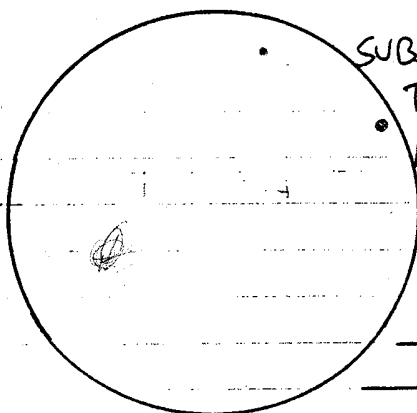
RIVER
BOW



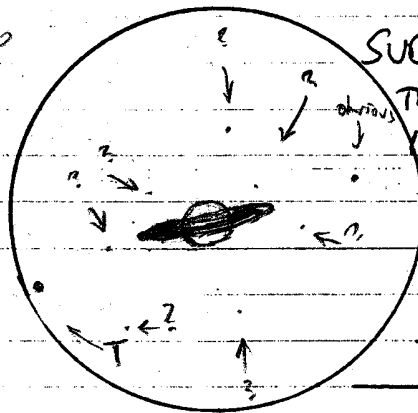
SUBJECT: 4
TIME: 12:35 ^{CST} ~~CST~~
INSTRUMENT: 4.5"
NOTES: 45X

7/27-28/96 MME/DC'S

7/27-28 cont.

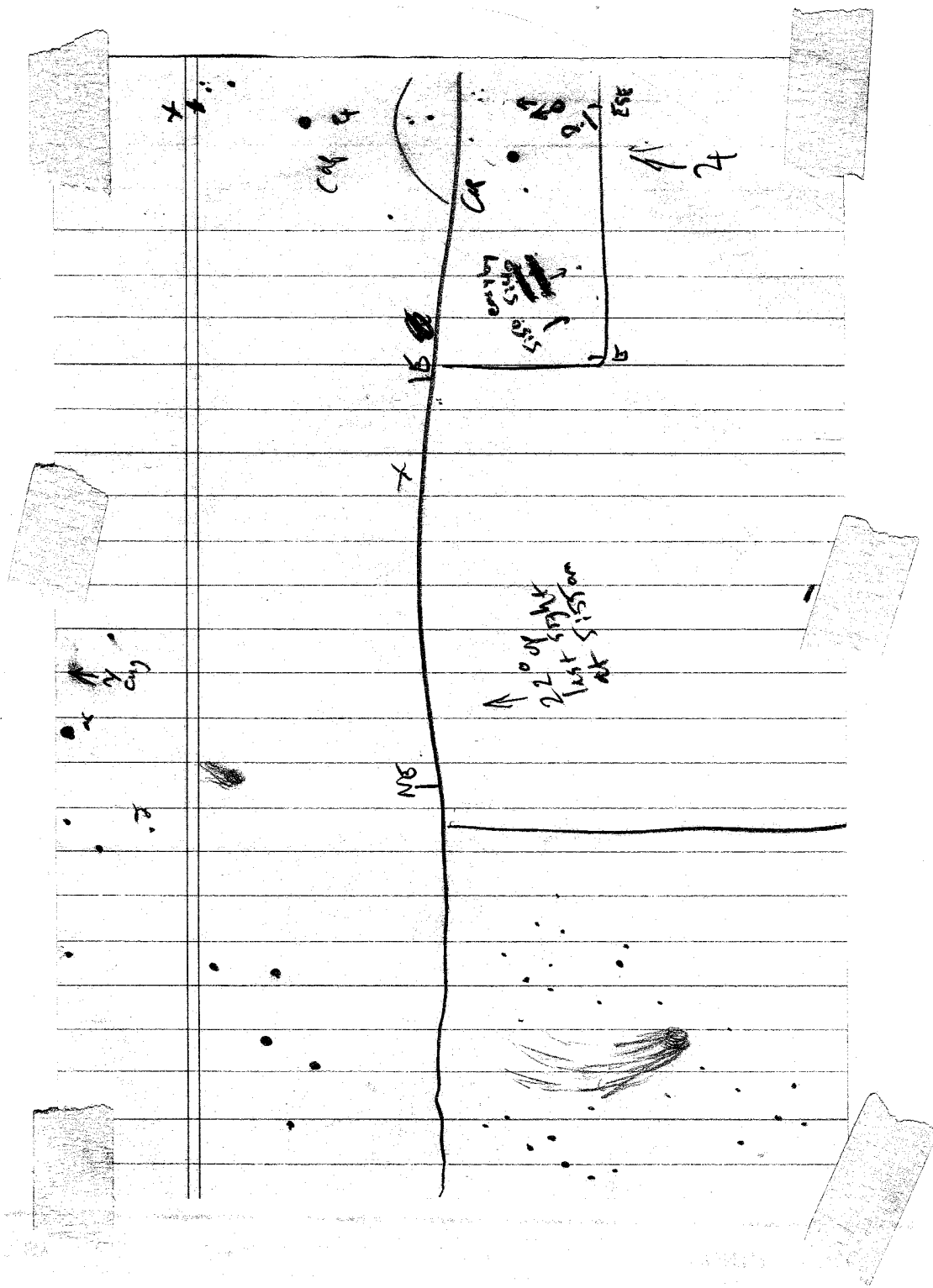


SUBJECT: Comet Hale-Bopp
TIME: 3:25 ^{CST} ~~CST~~
INSTRUMENT: 4.5"
NOTES: Very low
mag (12 days
old) + making
six! 45X



SUBJECT: ~~h~~
TIME: 4:02 ^{CST} ~~CST~~
INSTRUMENT: 4.5"
NOTES: 220X

15 1W 1 NW SUBJECT: DUSK DATE: 3/9/97 TIME: 7:20 NOTES: TULSA		EST	
1W SUBJECT: HALE-COFF DATE: 3/13/97 TIME: 5:00 NOTES: WALKING TO HALLS TO FLY TO HOU.		EST	
1W SUBJECT: DATE: TIME: NOTES:		EST	
1W SUBJECT: DATE: TIME: NOTES:		EST	



BRAD YOUNG

TULSA, OKLAHOMA

OBSERVATION RECORD

OBSERVATION:

3/13 am cont.

GENERAL NOTES:

INSTRUMENT: EYE 10X50 4.5" POWER: 10X 45X 90X 220X 440X

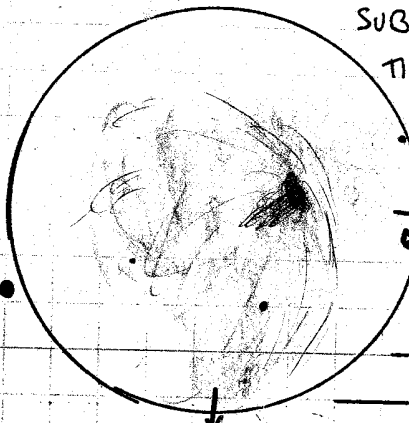
TIME:

CST
COT

SEEING: CLARITY:

DATE:

LOCATION:



SUBJECT: COMET HYAK 2

TIME: 2:40 CST

INSTRUMENT: 4.5"

NOTES: 45X

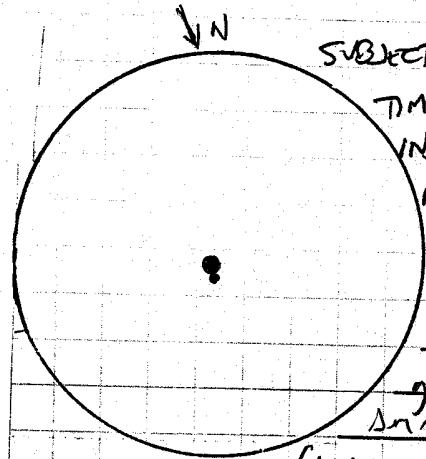
C/1996 B2
(HYAKATAKE)

3/13/96

8:40 UT

CITE S: II

1° FIELD



SUBJECT: E/B 00

TIME: 2:45 CST

INSTRUMENT: 4.5"

NOTES: 220X

Oh hell yes!

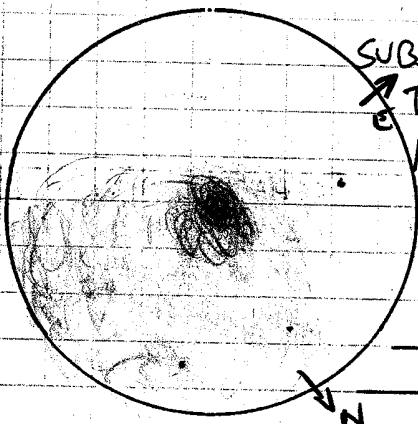
Deep blue/teal

Relatively blue-

green! 335°

Size ~ 3, Dia ~ 3"

(1/4 image width gap)



C/1996 B2
HYAKATAKE

10:05 UT

SUBJECT: COMET HYAK 2

TIME: 4:05 CST

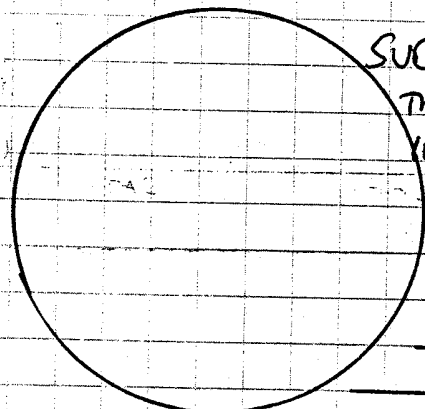
INSTRUMENT: 4.5"

NOTES: 45X

1° FIELD

NOTE

MOVEMENT



SUBJECT:

TIME: CST

INSTRUMENT:

NOTES:

BRAD YOUNG

TULSA, OKLAHOMA

OBSERVATION RECORD

OBSERVATION:

GENERAL NOTES:

INSTRUMENT: EYE 10X50 4.5" POWER: 10X 45X 90X 220X 440X

3/13-14/96 cont.

TIME:

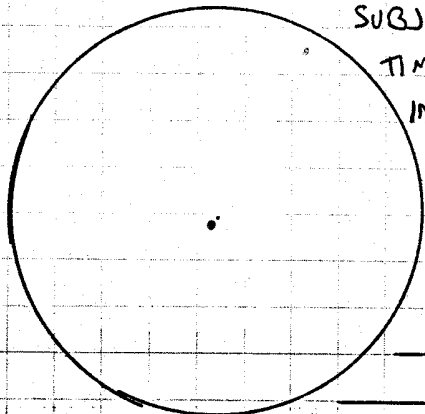
SEEING:

CLARITY:

CST
COT

DATE:

LOCATION:



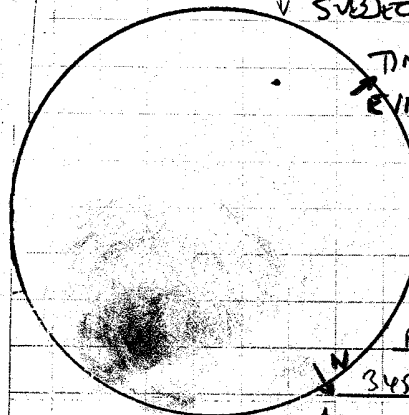
SUBJECT: B260 (L)

TIME: 4:20 CST

INSTRUMENT: 4.5"

NOTES: 40X

210° North Thrill



SUBJECT: COMET H2

TIME: 4:50 CST

INSTRUMENT: 4.5"

NOTES: 90X

QUITE RASHED

BY DUNE

CLOUDS HIDE,

BUT @ PA

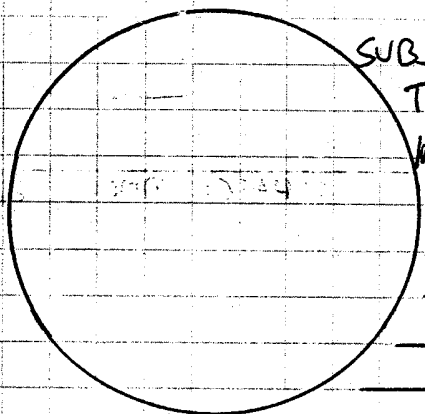
345° in OBLA

AGOOD 10' PASS IT!

10'/3hrs → 80'/day! AGREEMENT

3/14/96 10:50 UT

TOO MOODY/FOGGY/CLOUDY!

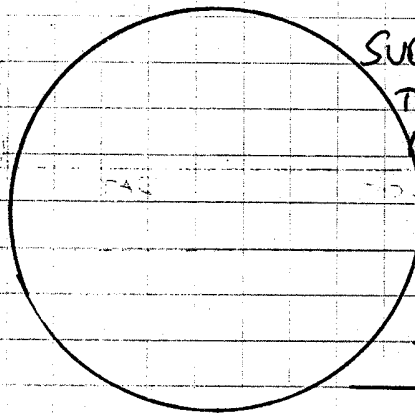


SUBJECT:

TIME: CST
COT

INSTRUMENT:

NOTES:



SUBJECT:

TIME: CST
COT

INSTRUMENT:

NOTES:

BRAD YOUNG

TULSA, OKLAHOMA

OBSERVATION RECORD

OBSERVATION: IT CLEARED UP!

GENERAL NOTES: AFTER WIL - MANS

INSTRUMENT: EYE 10X50 4.5" POWER: 10X (6X 10X 20X 44X) or more

SEEING: II - CLARITY: I -

DATE: 3/17/96

LOCATION: 5th

C/1996 B2

SUBJECT: COMET HYAKUTAKE

TIME: 4:05 CDT

INSTRUMENT: 4.5"

NOTES: 45X

Oh, Lord how

it's getting better every

time lovely

field, really

full of glowing

details I can't draw!

"X" Position AT 5:50 AM!

1° FIELD 3/17/96

10:05 UT

SUBJECT: COMET HYAKUTAKE

TIME: 4:15 CDT

INSTRUMENT: 4.5"

NOTES: 220X

EVER BETTER!

2 features, as

shown at

NPA 80° & 345°

from nucleus.

"Tail" appears to

head off at PA ~ 235°

SUBJECT: NEC 4631

TIME: 4:30 CDT

INSTRUMENT: 4.5"

NOTES: 45X

NEED A DARK

SITE FOR

CATARACTS, FOR C!

556 (50) SUBJECT: (B512)

TIME: 4:40 CDT

INSTRUMENT: 4.5"

NOTES: Rather

deep yellow

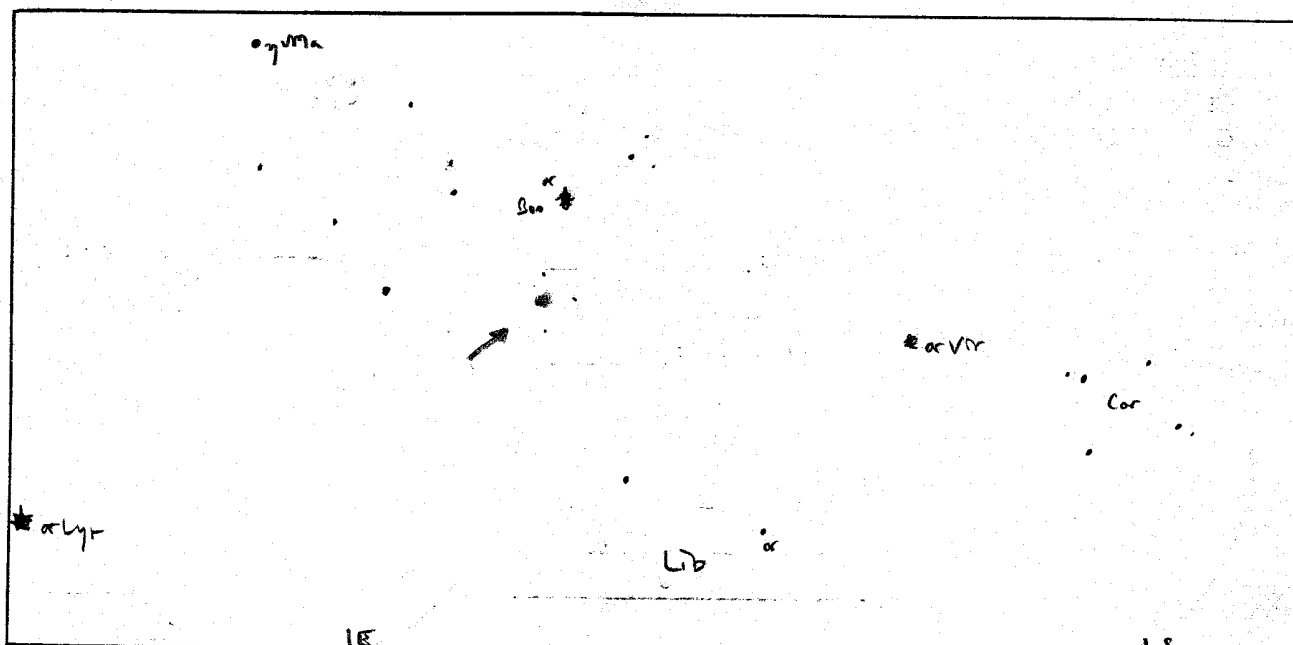
+ offish blue-

green, 250°;

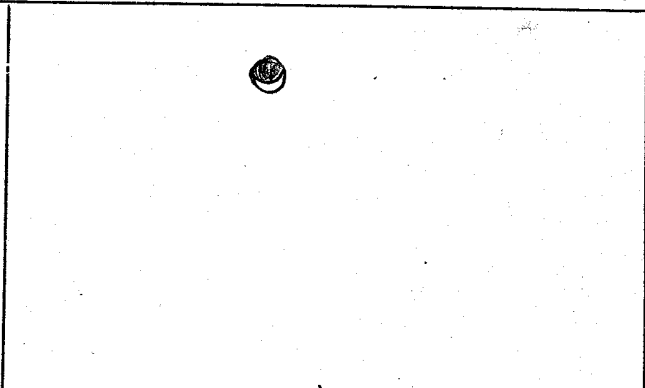
45X Δm ~ 2-2.5

Got by mistake on

Way to S. Lp.

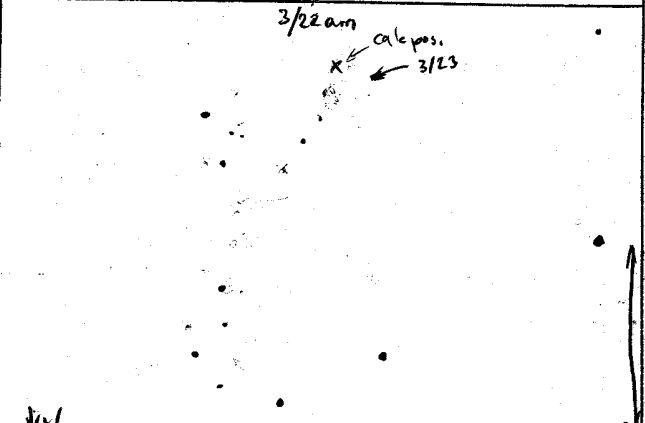
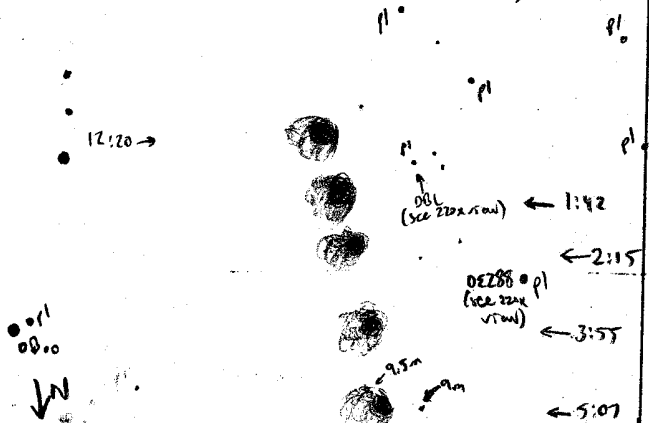


SUBJECT: COMET HYAKUTAKE (1996) DATE: 3/22/96 TIME: 12:30
 NOTES: ~ SAME MAGN as gamma UMa (Alkard) as judged by no glasses look, can't miss it, too stunning!



SUBJECT: COMET HYAKUTAKE DATE: 3/22/96 TIME: 12:30
 NOTES: FIRST SEEN @ 11:00 PM

SUBJECT: MOON DATE: 3/21/96 TIME: 7:00
 NOTES: NEAR! NO POS.



SUBJECT: COMET HYAK DATE: 3/24/96 TIME: 12:35
 NOTES: MOTION FROM 45X FIELDS

SUBJECT: PALLAS DATE: 3/24/96 TIME: 12:35
 NOTES: 45X FIELDS

COMET @ THIS TIME

BRAD YOUNG

TULSA, OKLAHOMA

OBSERVATION RECORD

OBSERVATION: GERALD & TWINS VULT, JESSICA OWEN
GENERAL NOTES: COMET RING THE SKY TIME: 12:30-6:00 ^{EST} ~~COT~~ SEEING: II CLARITY: II
INSTRUMENT: EXE 10X50 4.5" POWER: 10X/15X/10X/220X/440X ^{or more} DATE: 3/22/96
LOCATION: SPA

SUBJECT: COMET HYACINTH
TIME: 11:40 ^{EST} ~~COT~~
INSTRUMENT: 4.5"
NOTES: 450
CLASSIC BOW-
SHAPED "SHOCK
WAVE" SHAPE
TO COMA, FORMING
TAIL OFF AT PA 300°
TAIL 30 IN O'S (SEE LAST
PAGE)
10° FIELD

SUBJECT: COMET HYAC
TIME: 12:50 ^{EST} ~~COT~~
INSTRUMENT: 4.5"
NOTES: 220X
DEFINITELY
SLOWLY IN PA
N 240°, ALMOST
LOOKS LIKE 3
PIECES.
0.2 FIELD

1° SSW of →
PT 8m 00L
SUBJECT: M4150 (Boo)
TIME: 1:50 ^{EST} ~~COT~~
INSTRUMENT: 4.5"
NOTES: 220X
ONLY USED
POWER BECAUSE
SEC. IS 11m or <!
PA ~ 150-260°, COMET
DUE WEST V40!

(Boo)
SUBJECT: 05289
TIME: 2:30 ^{EST} ~~COT~~
INSTRUMENT: 4.5"
NOTES: 220X
NOT TRULY
SEP, BUT ENOUGH
BULGE TO COUNT,
PA 175°, Δ ~ 1/2
COOL AS SHIT!

BRAD YOUNG

TULSA, OKLAHOMA

OBSERVATION RECORD

OBSERVATION:

7/21/96 AM CONT.

GENERAL NOTES:

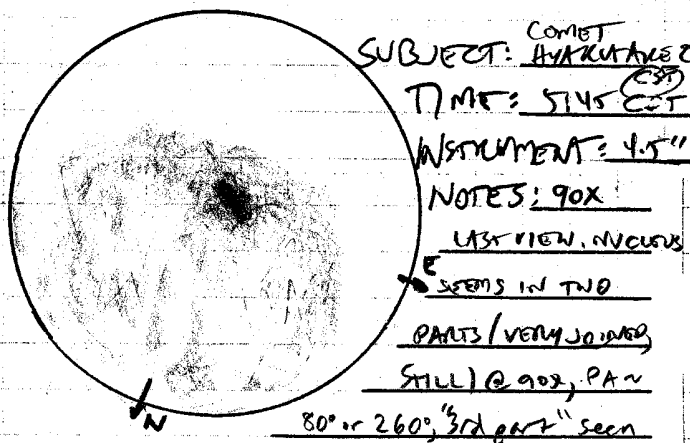
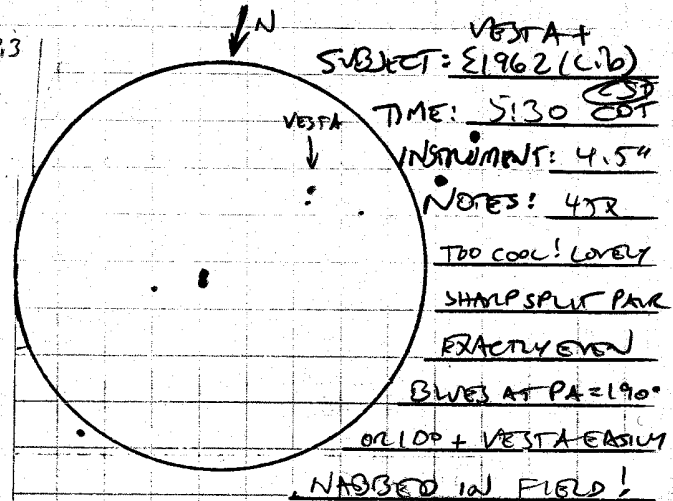
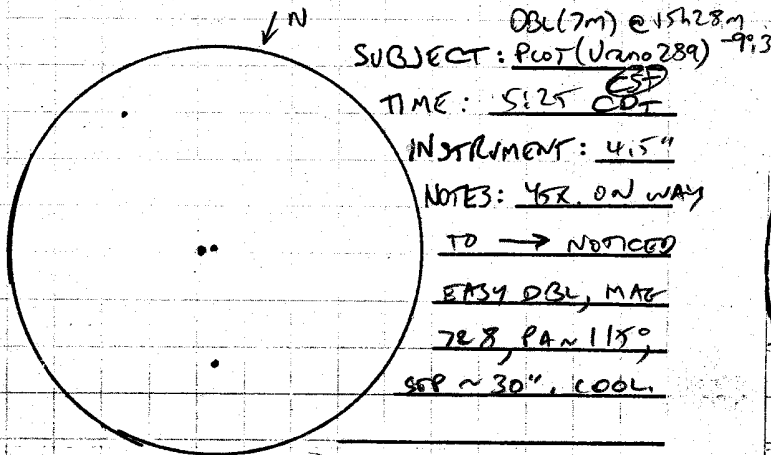
TIME:

SEEING: CST
DATE:

CLARITY:

INSTRUMENT: EXE 10X50 4.5" POWER: 10X 45X 90X 220X 440X

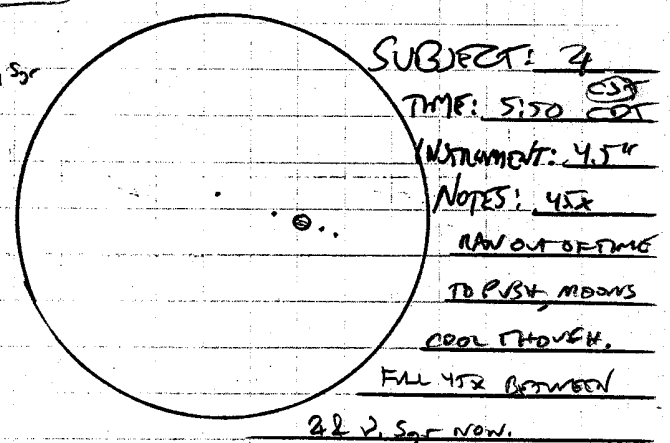
LOCATION:



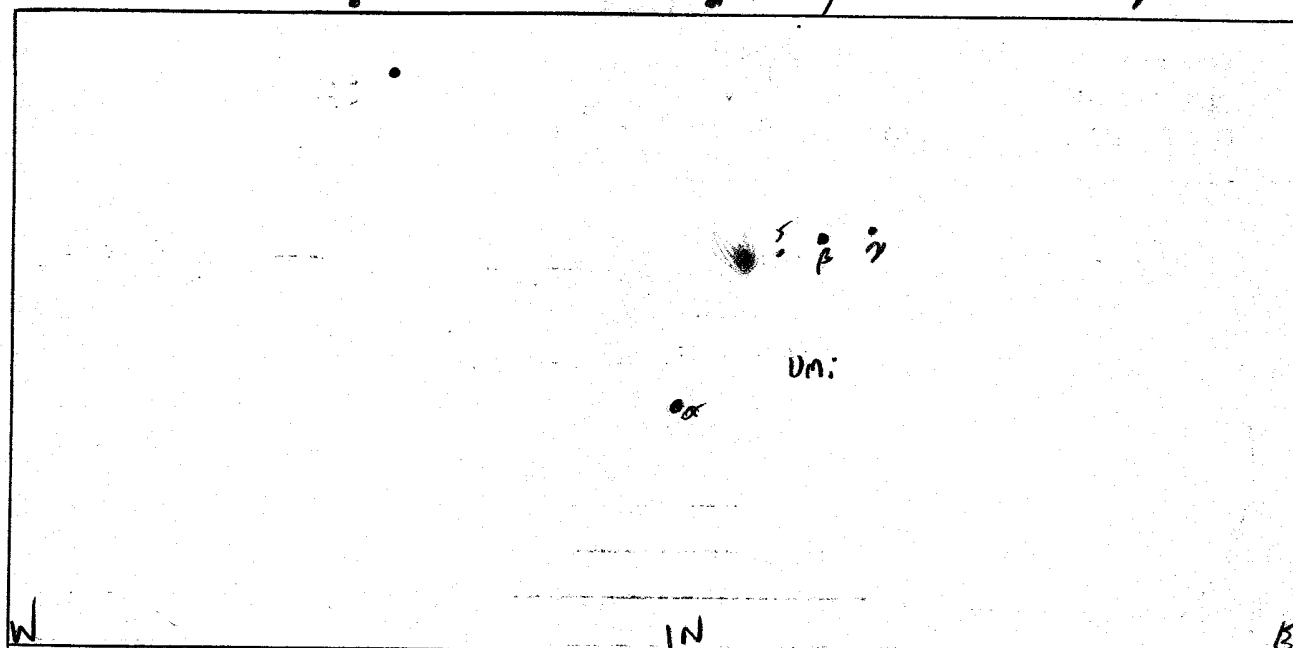
In 220x earlier to PA 340° not noted.

"Tail" part of coma directed at 305°

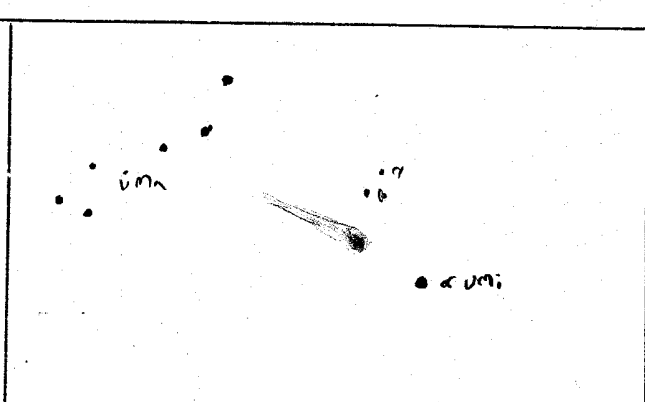
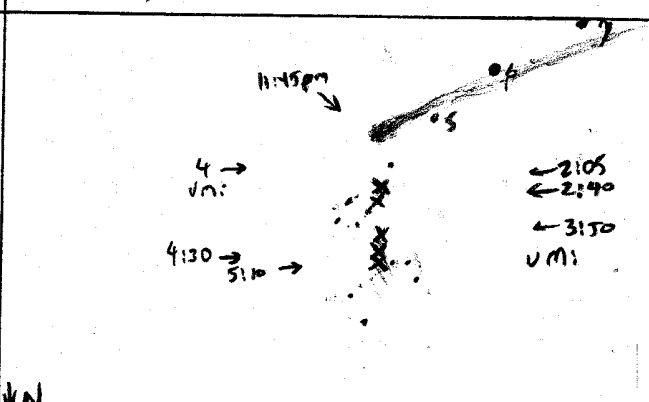
0.5 FIELD



C/1996 B2

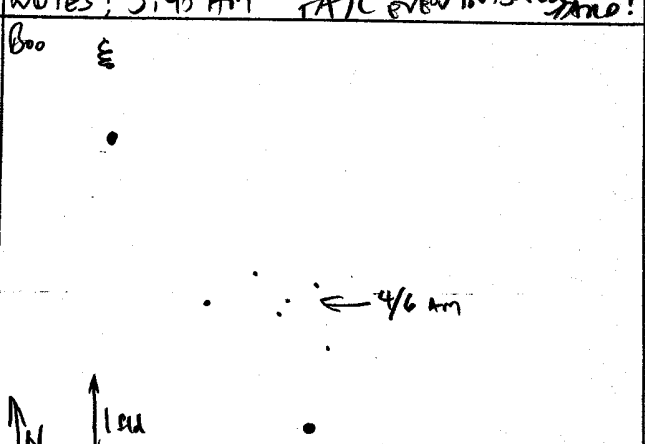
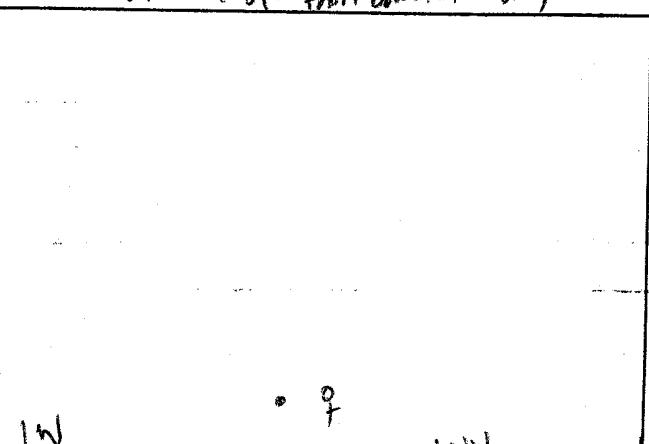


SUBJECT: COMET HYAKUTAKE 2 DATE: 3/25/96 TIME: 11:45
 NOTES: CLOUDY BY 12:00, EARLIER BUSY W/ BUSINESS, ETC. TODAY WAS THE DAY THAT NIKI TOLD ME HER "ITELL", & DARRIN GOT DA COMB FOR ME OVERALL, ~1.5 MAG > or UMI ~ +0.5!



SUBJECT: COMET HYAK DATE: 3/25-26/96 TIME: 11:45 PM
 NOTES: b's fields (13" from barn window!)

SUBJECT: COMET DATE: 3/26 PM TIME: 3:45 AM
 NOTES: TAIL EVEN IN BACKYARD!



SUBJECT: P DATE: 3/29/96 TIME: 10:10 PM
 NOTES: TRIED FOR 134 W/ b's, no luck (morning)

SUBJECT: PALLAS cont. DATE: TIME: 4/96
 NOTES: RUPEN TO CHAIR AST. (400 #12)

BRAD YOUNG

TULSA, OKLAHOMA

OBSERVATION RECORD

OBSERVATION:

GENERAL NOTES:

INSTRUMENT: EYE 10X50 4.5" POWER: 10X 45X 90X 220X 440X

TIME:

EST
COT

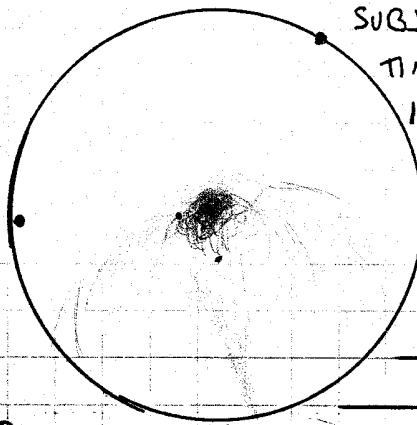
SEEING: CLARITY:

DATE:

LOCATION:

3/31/96

3/31/96



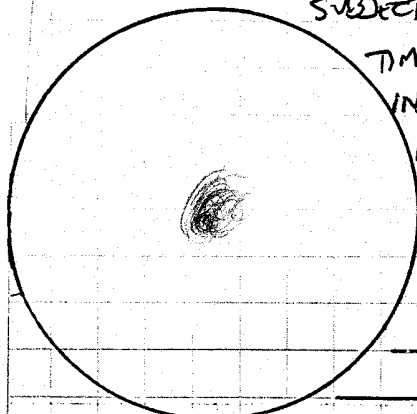
SUBJECT: COMET HYAK 2

TIME: 8:45 ^{EST} COT

INSTRUMENT: 4.5"

NOTES: 45X

THANK GOD IT
CLEARED UP!



SUBJECT:

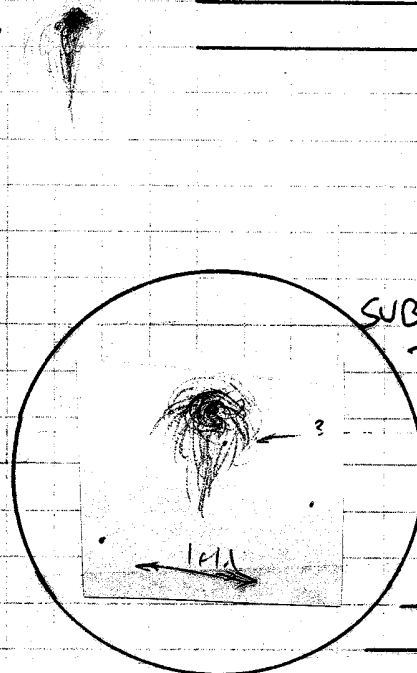
TIME: 10:30 ^{EST} COT

INSTRUMENT:

NOTES: 40X

Low

ADJACENT FIELDS

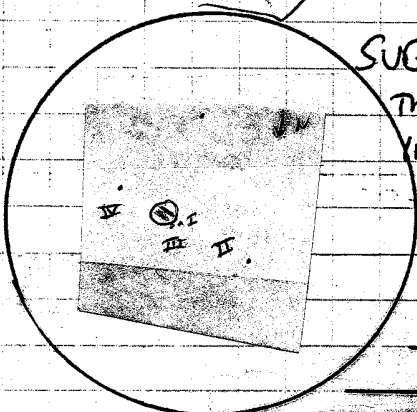


4/2/96
SUBJECT: COMET HYAK 2

TIME: 5:45 AM ^{EST} COT

INSTRUMENT: 4.5"

NOTES: 90X



SUBJECT: 2

TIME: 5:55 ^{EST} COT

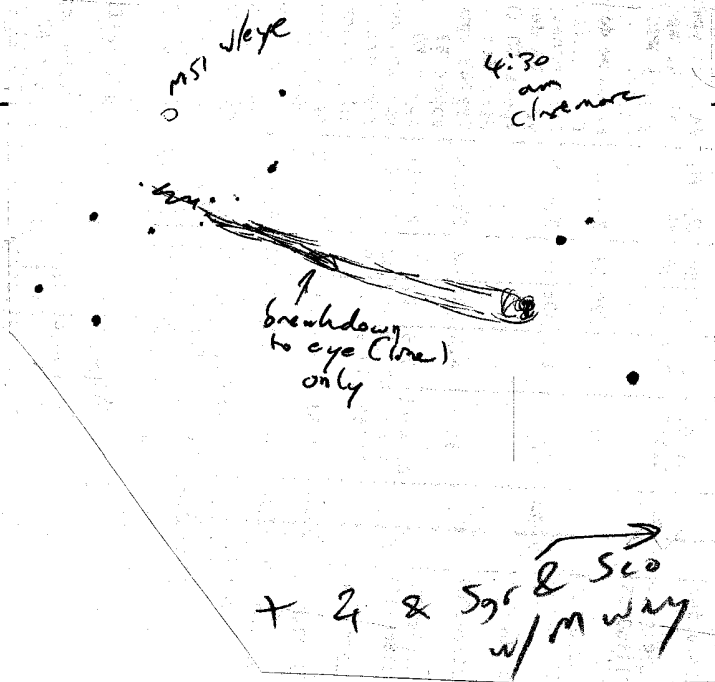
INSTRUMENT: 4.5"

NOTES: 90X

SIMILAR OBS. @
5110 km @ 95X

DANGER!
missed in/out
shadow!
at this point
Comet's shadow
has left disk!
look for transit
at 6:31 am

TOO MANY
THINGS TO
SEE!



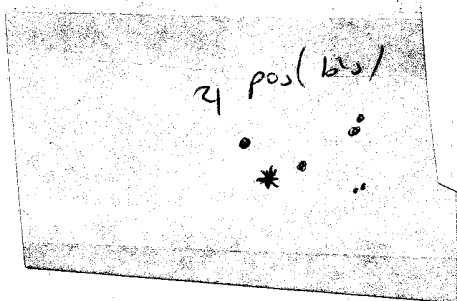
IN

SUBJECT: Comet
NOTES: HYNKATANE
C/1996 B2

DATE: 4/2/96
10:30 UT

TIME:

CST
COT



VESTA

b's 5:25-5:35

SUBJECT:
NOTES:

DATE: 4/2/96 TIME:

CST

SUBJECT:
NOTES:

DATE: 4/2/96 TIME:

CST
COT

5:46 b's (still seen w/eye)
p - orange shows vs

draw comet
"night path"
for last several

4/2/96

SUBJECT:
NOTES:

DATE:

TIME:

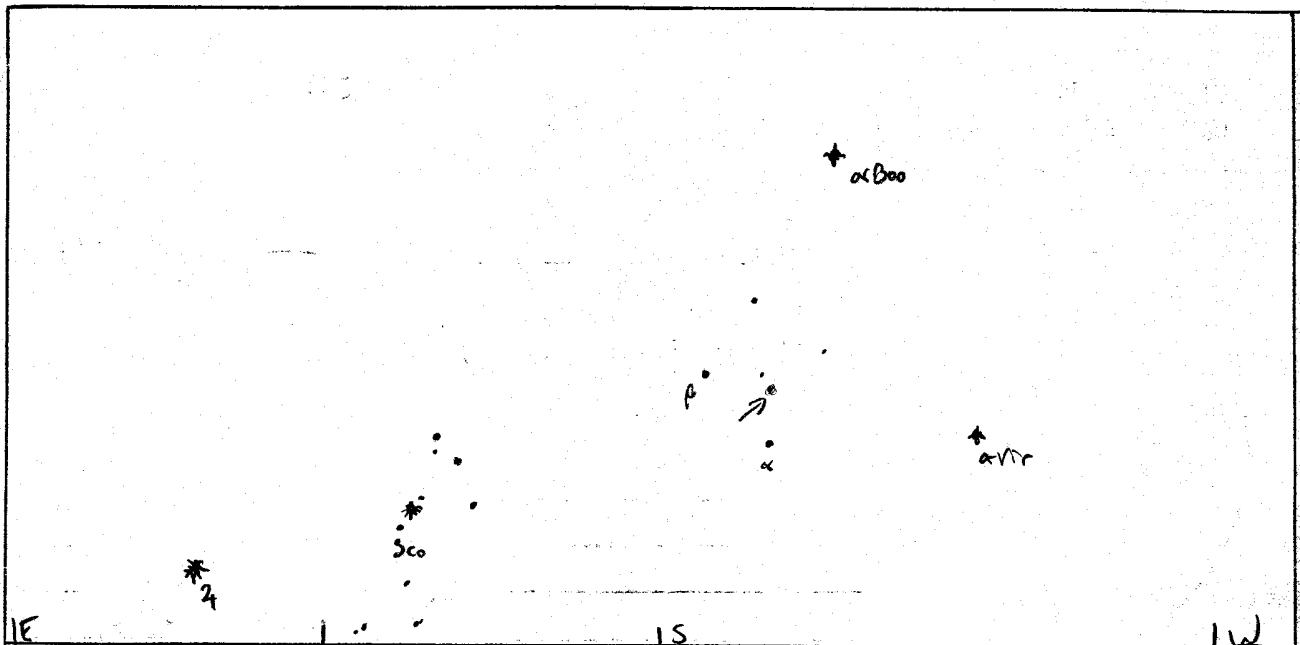
CST
COT

SUBJECT:
NOTES:

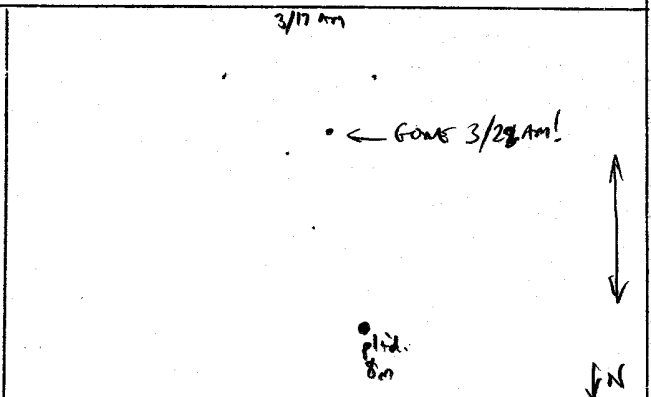
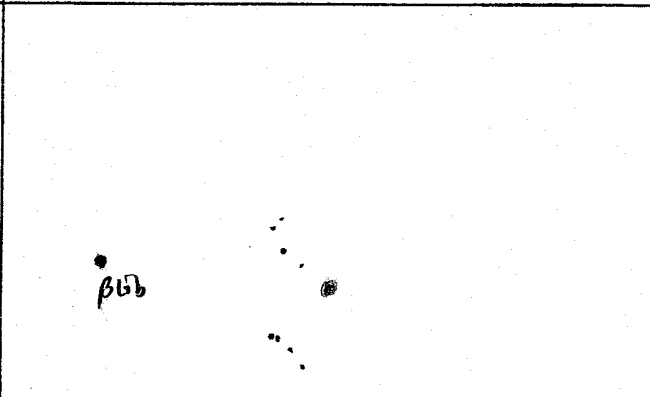
DATE:

TIME:

CST
COT

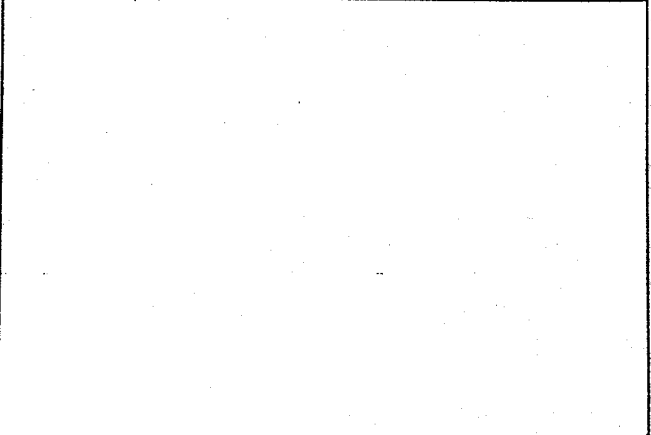
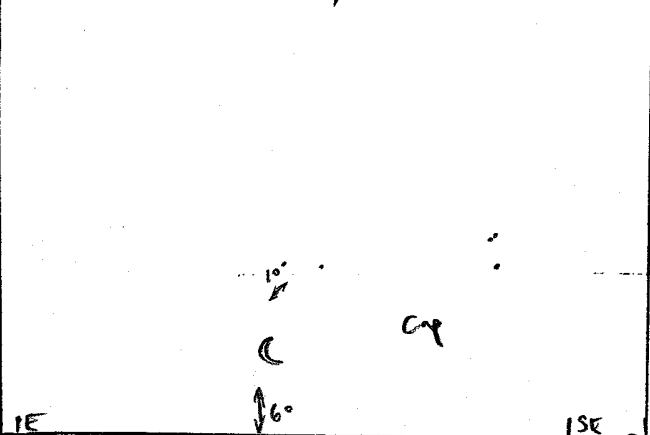


IE 15 1W
 SUBJECT: COMET HYAKUKE 2 DATE: 3/17/96 TIME: 4:10 am
 NOTES: + DAWN CST



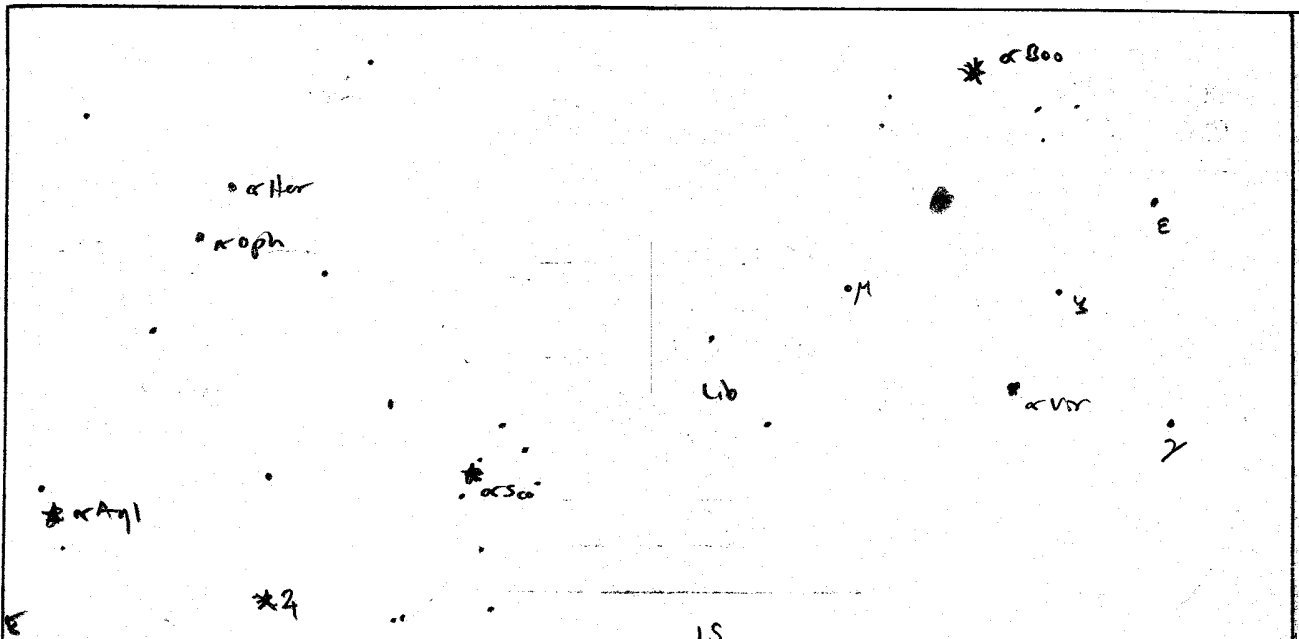
SUBJECT: DETAIL POS. ON DATE: 3/17/96 TIME: 4:10 am
 NOTES: COMET (b/s) CST

SUBJECT: PALLAS DATE: TIME: 1W
 NOTES: NAB BUT SEE ON FOR MORE! CST

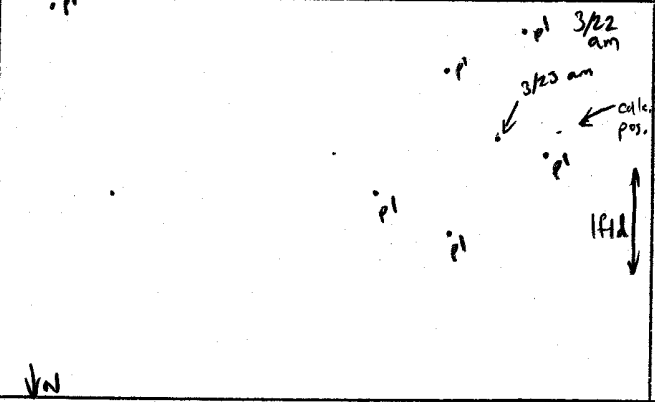


IE 15
 SUBJECT: MOON DATE: 3/17/96 TIME: 6:00 am
 NOTES: FIRST NOTICED RISING AT 5:05 AM CST

SUBJECT: DATE: TIME: 1W
 NOTES: CST

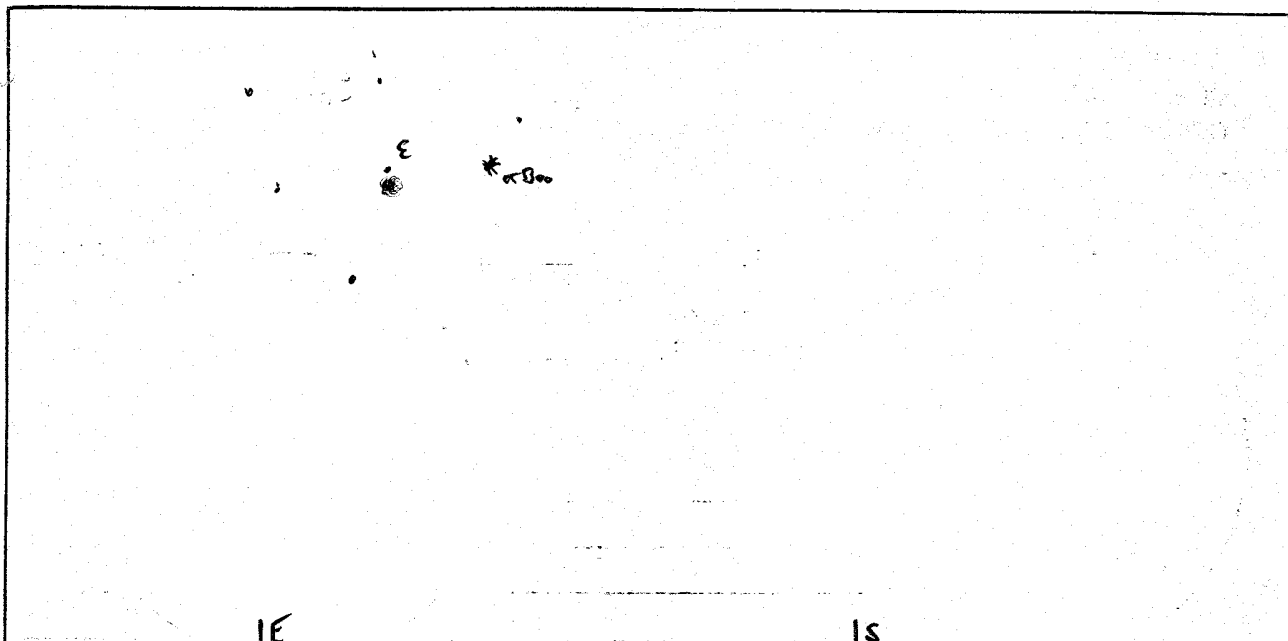


SUBJECT: COMET, ETC. DATE: 3/28/96 TIME: 3:50 ST
 NOTES: CLOUDS COMING IN FROM WEST.

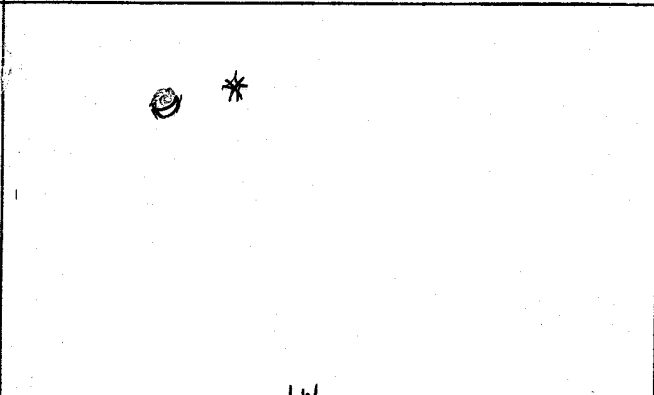


SUBJECT: EUNOMIA DATE: 3/22/96 TIME: 3:45 ST
 NOTES: 9.5" 452 fids. Stars from frame 328

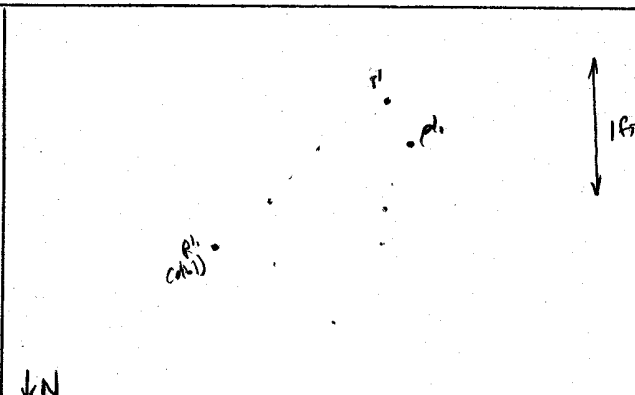
SUBJECT: _____ DATE: _____ TIME: _____ ST NOTES: _____	SUBJECT: _____ DATE: _____ TIME: _____ ST NOTES: _____
---	---



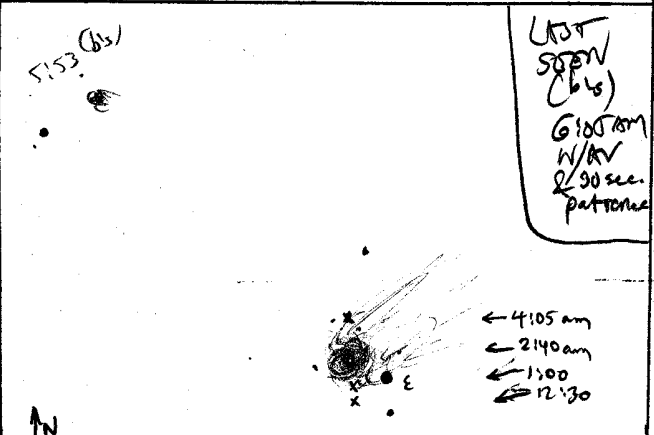
SUBJECT: COMET HYAKUTAKE? DATE: 3/23/96 TIME: 12:30 CST
 NOTES: CHMIS, DANIEL & SAMMY came over, so I noticed it had cleared up after aborted run to river



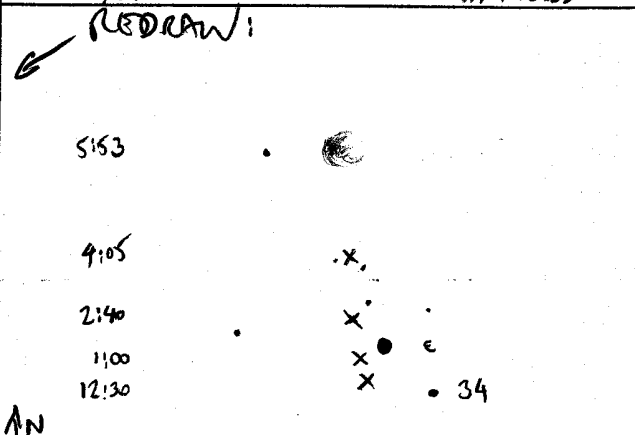
SUBJECT: DUSK DATE: 3/22/96 TIME: 7:15 PM
 NOTES: cool & 2LD



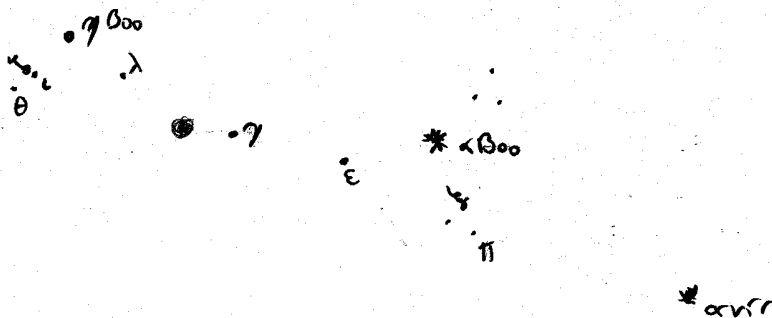
SUBJECT: 12/22/96 DATE: 3/22/96 TIME: 1:00 PM
 NOTES: SINCE MISSED IN JAN. TRYING TO GET 4th FIELD



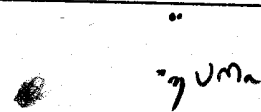
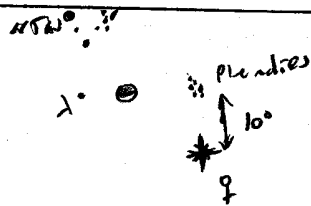
SUBJECT: Pos. for HYAKUTAKE DATE: 3/23/96 TIME: 12:30 PM
 NOTES: 4th views (w/ 4th to 9.52.34)



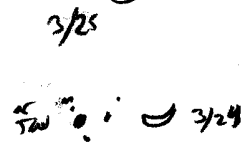
SUBJECT: DATE: TIME: CST
 NOTES:



SUBJECT: COMET HYAKUTAKE DATE: 3/24/96 TIME: 12:40 CST
 NOTES: CLOUDY EARLY (AND SOON TO FOLLOW) EYE ONLY.
 TOTAL MAG ~ α VIR (1.3)



SUBJECT: DISK DATE: 3/23/96 TIME: 7:10 CST
 NOTES: STILL NEAR ENOUGH FOR A WVELY FAIR
 SUBJECT: COMET HYAK 2 DATE: 3/24/96 TIME: 10:00 CST
 NOTES: 3/4 cloudy 3/4 cloudy NOT A GLIMPSE, NO POS.



SUBJECT: DISK DATE: 3/25/96 TIME: 7:30 CST
 NOTES: COOL! 2 UP TIL 12:45 AM
 SUBJECT: DATE: TIME: CST
 NOTES:

82 hr $\rightarrow$ $\sim 40^\circ$

Pos. (3/26 AM)
LAST TIME!
I SAW IT!

x . P . y

* of
Aur

• α UMi

• α Per

N

INW

N

NE

SUBJECT: COMET HYAKU2 DATE: 3/29/96 TIME: 10:45 CST

NOTES: @ 1st clouds finally broke, but $> 10^\circ$ & HAZE still make
for a poor (3rd VARIANTS) showing, only about 150 up by time could
SEE IT, THEN GOES LOWER, BUT STILL almost CIRCUM POLAR (T.M. at 1.0)

11:47 11:25 10:45
↓ ↓ ↓

• α Per

↑ N

4:20 AM
↓

• α Sco

SUBJECT: COMET HYAKU2 DATE: 3/29-30/96 TIME: 11:00 CST

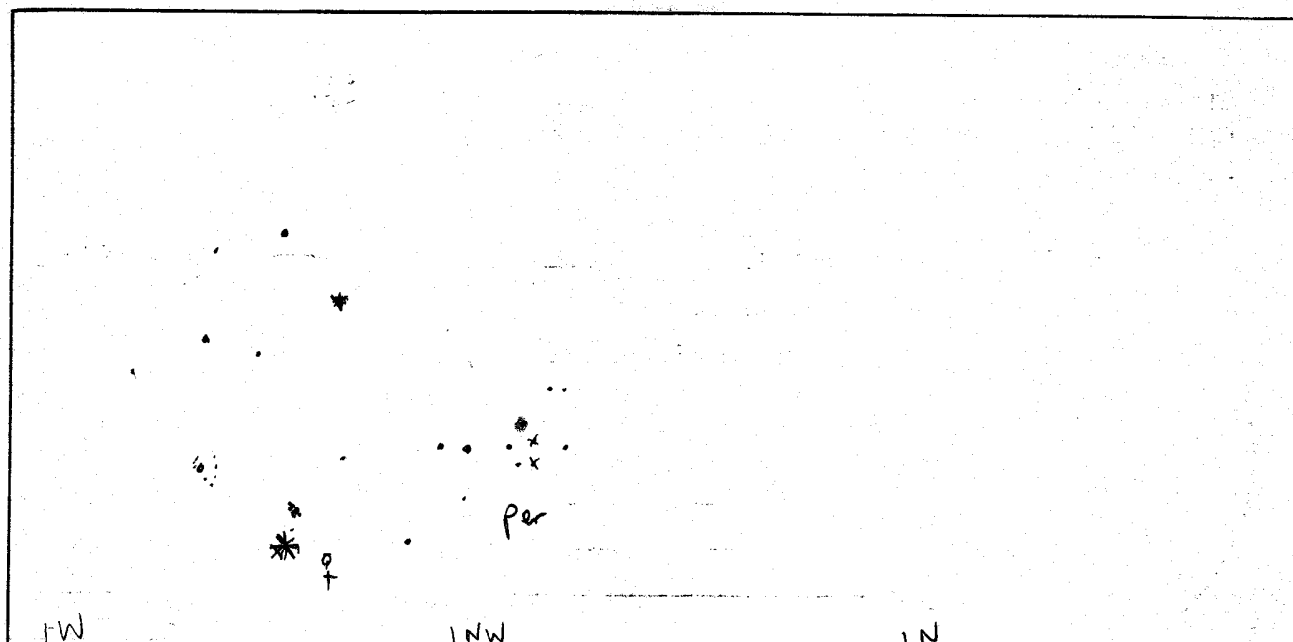
NOTES: 45x pos. for comet

SUBJECT: MOON DATE: -- TIME: CST

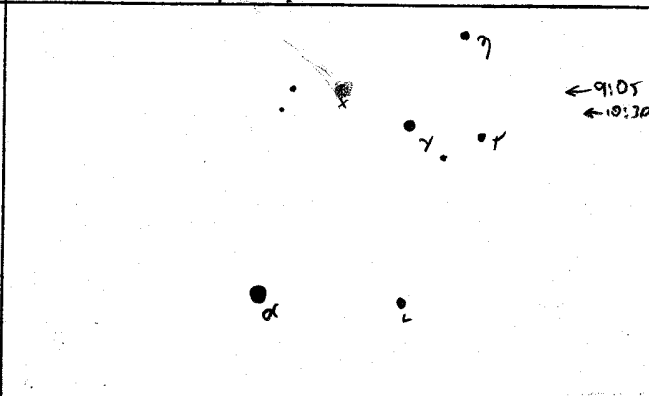
NOTES:

SUBJECT: DATE: TIME: CST
NOTES:

SUBJECT: DATE: TIME: CST
NOTES:



FW INW 1N
 SUBJECT: Comet Hyakuz DATE: TIME: CST
 COT
 NOTES:



SUBJECT: Comet per DATE: TIME: CST
 COT
 NOTES: SUBJECT: DATE: TIME: CST
 COT
 NOTES:

SUBJECT: DATE: TIME: CST
 COT
 NOTES: SUBJECT: DATE: TIME: CST
 COT
 NOTES:

SUBJECT: DATE: TIME: CST
 COT
 NOTES: SUBJECT: DATE: TIME: CST
 COT
 NOTES:

BRAD YOUNG

TULSA, OKLAHOMA

OBSERVATION RECORD

Also shortest
night of
year (spring
ahead)

OBSERVATION: Waiting on Orion again!

GENERAL NOTES: 4/6-7/96

TIME: 10:10

SEEING: I - CLARITY: II

DATE:

INSTRUMENT: EYE 10X50 4.5" POWER: 10X 45X 10X 220X 440X
scope

LOCATION: GDH

COMET

SUBJECT: HYAK2

TIME: 10:10 ^{EST} _{CDT}

INSTRUMENT: 4.5"

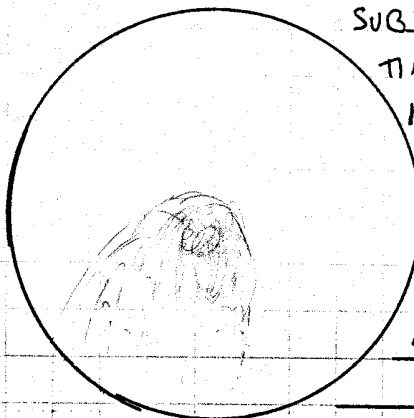
NOTES: 45X

Very low!

No blue tint

cast at all

any red, marginally



SUBJECT: 23 UMa

TIME: 11:25 ^{EST} _{CDT}

INSTRUMENT: 4.5"

NOTES: 40X

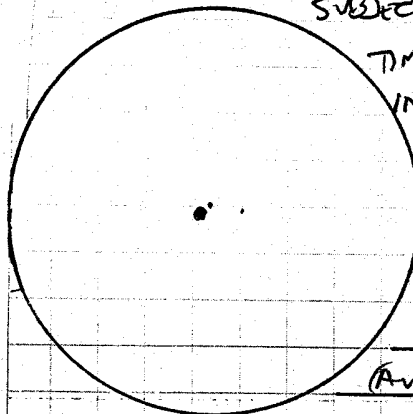
9 mag to W

rather dim

all, 10:57

to SW on

(AV helps) Cad!



SUBJECT: ε1315 (UMa)

TIME: 11:40 ^{EST} _{CDT}

INSTRUMENT: 4.5"

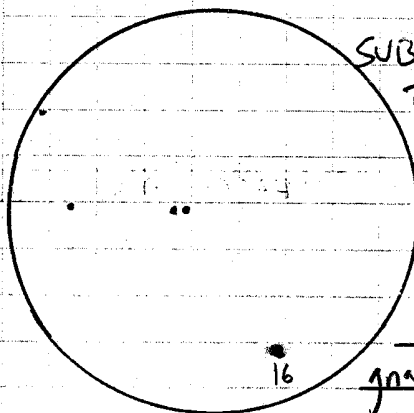
NOTES: 45X

Most ex!

PAN 30° wide

No red tint

just's less dimmer.



SUBJECT: 2 UMa

TIME: 11:50 ^{EST} _{CDT}

INSTRUMENT: 4.5"

NOTES: 220X

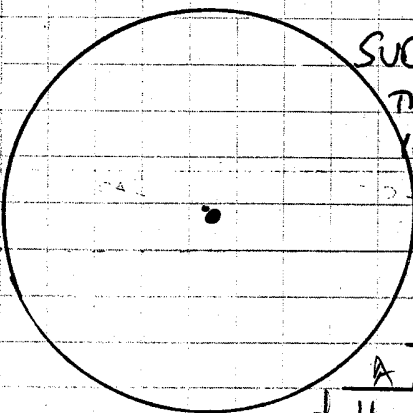
Yell. & blue green

only split!

PAN ~ 5°

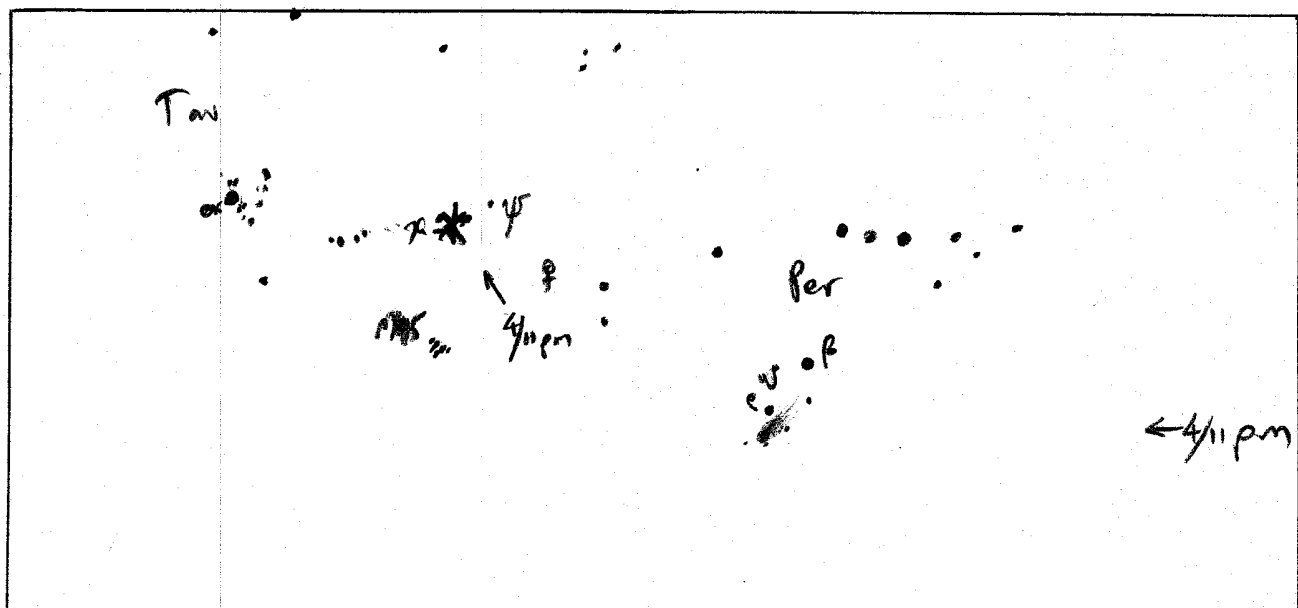
A not too tilted

challenge!

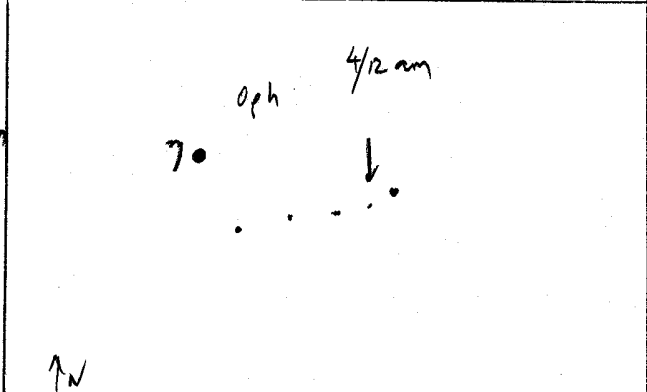
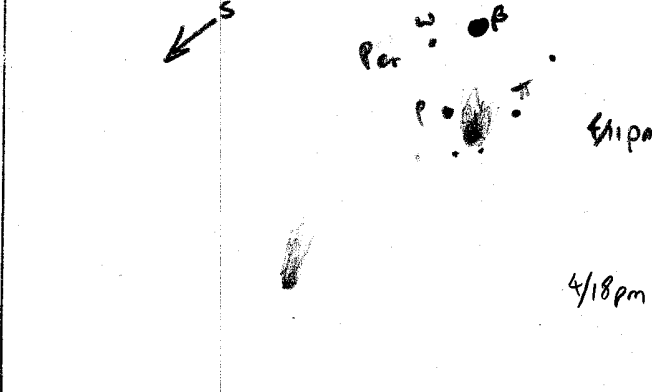


45X view

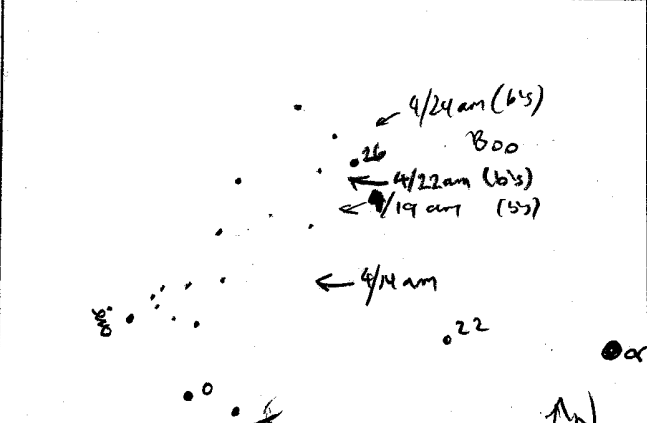
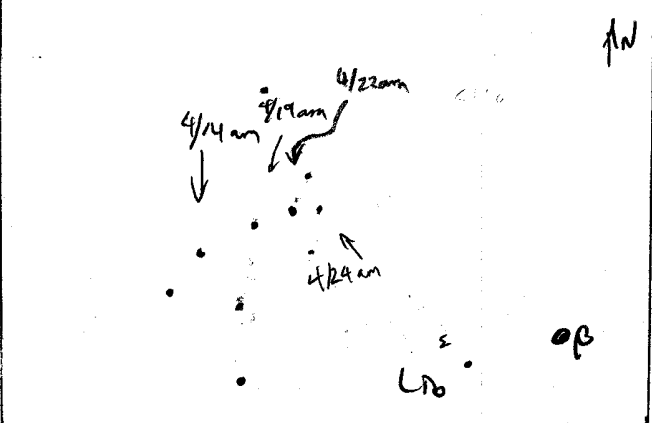
9.5m
view side!



IW		INW	
SUBJECT: COMET HYAKUTAKE		DATE: TIME:	
NOTES:		CST COT	



SUBJECT: COMET POS DATE: TIME: EST	SUBJECT: Ceres DATE: note TIME: note CST
NOTES: 21's Plks 4/19: 0.5 brighter (2.0) bars low!	NOTES: bmooc pos.'s now (easy)



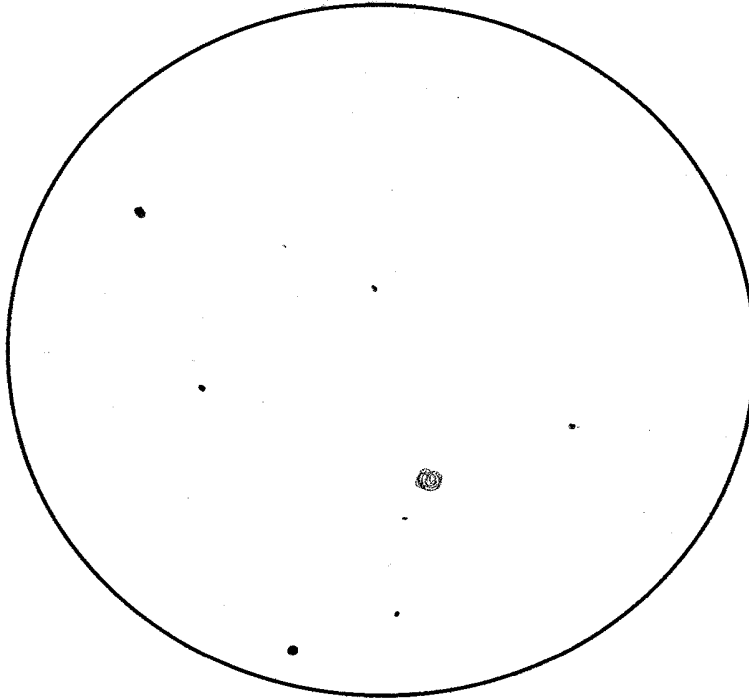
SUBJECT: Vesta pos. DATE: note TIME: note CST	SUBJECT: Pallas DATE: note TIME: note CST
NOTES: bmooc Easy	NOTES: b's (not too easy)

@NMCC

DATE 9/1/2 TIME 10:10 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 Comet Hoenig (C/2002 O4) LOCATION W of Arcturus



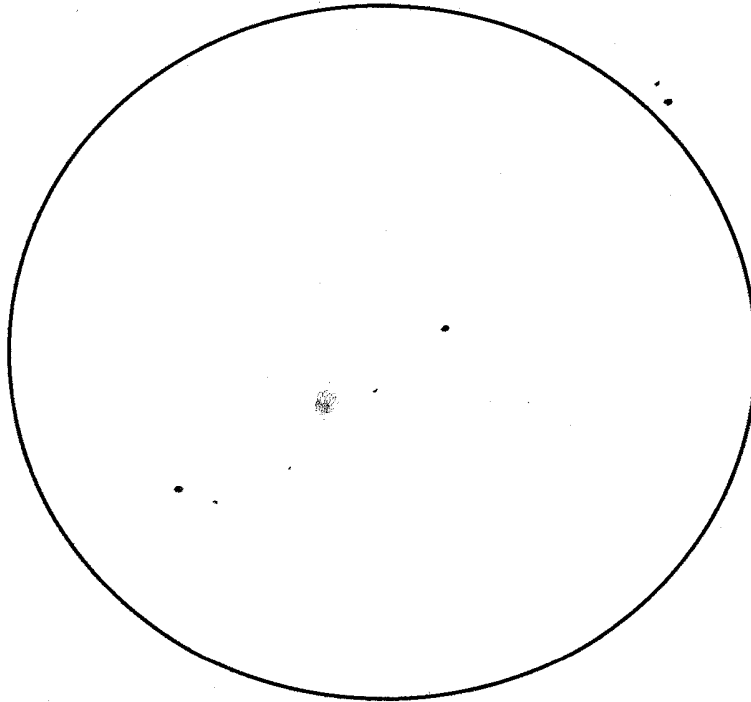
Easy to find west of Thuban - even 8x low,
about 5'-8' size, in nice field.

RMCC 9/6/2

DATE _____ TIME _____ 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 corner HORMG LOCATION _____



POSITION (B's)

78

• EUMA

Pretty nice in 73x but dimmer, maybe larger,

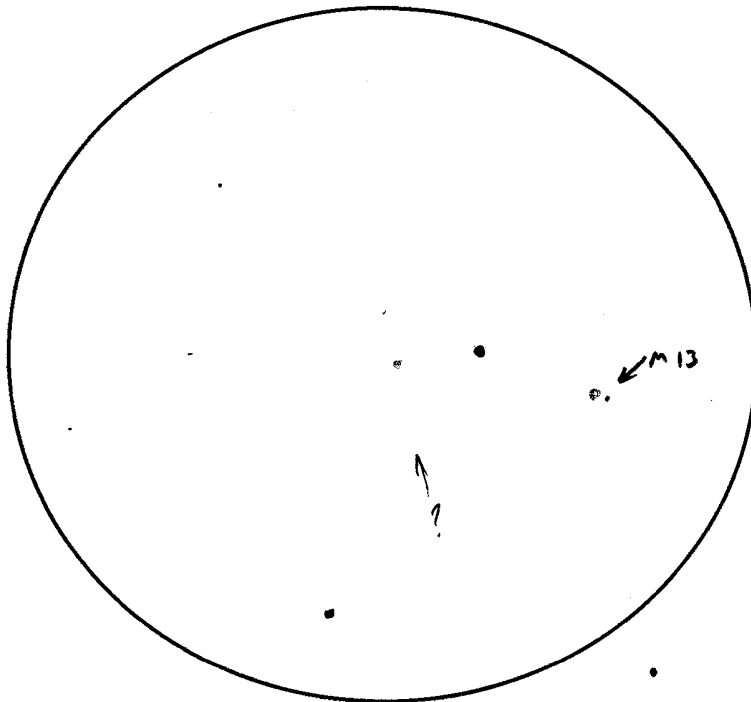
more diffuse than last time

Can see in b's only because seen in scope, not

at all easy. Note M31 not visible w/eye, at

same elev, more DL or glow on it.

DATE 12/21/2 TIME 5:40 6 CST CDT CLARITY 1 II III IV V SEEING 1 II III IV V
INSTRUMENT ETX-125 10x50 EYE POWER 10X 73X 153X 475X
OBJECT comet KUDO-FUJIKAWA LOCATION RMCC HOME



MIGHT'VE GLIMPSED FUZZY STAR 20-30 NNE of γ Her

