

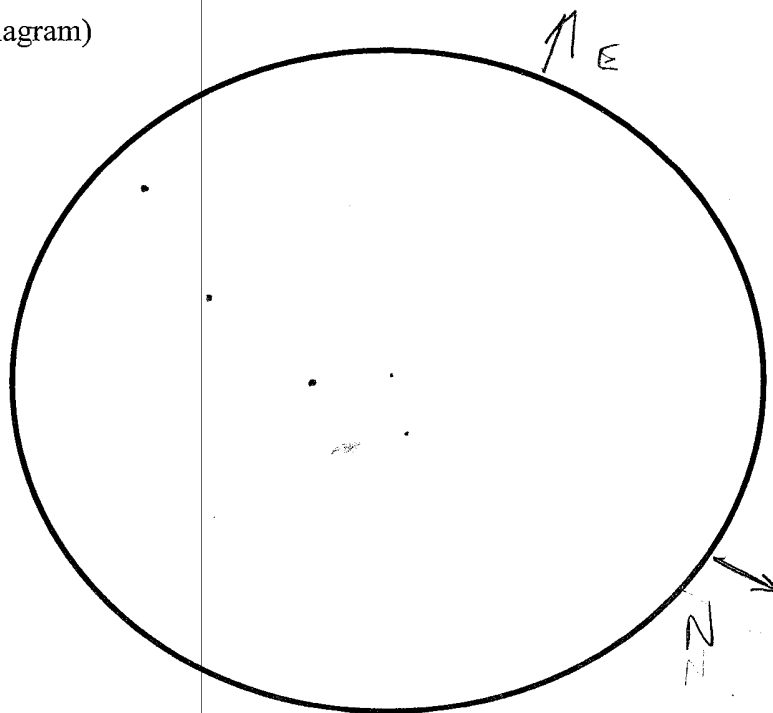
ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name BRAD YOUNG

Object Reference #: <u>S2</u> <u>U987 (Psc)</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/16/15</u>	Time: <u>3:45 UT</u>
Seeing: <u>II</u>	Transparency: <u>IT</u>
Telescope Aperture & Focal Length: <u>22" UC 2400 mm</u>	Magnification & Field Size: <u>240x 0.9</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:
(indicate North & West or East on the diagram)

SMALL BUT SEEN WELL
(A=1), ELONG. NO
NUC. STANDS OUT



$Z=0.016$

Distance: 219 Mly

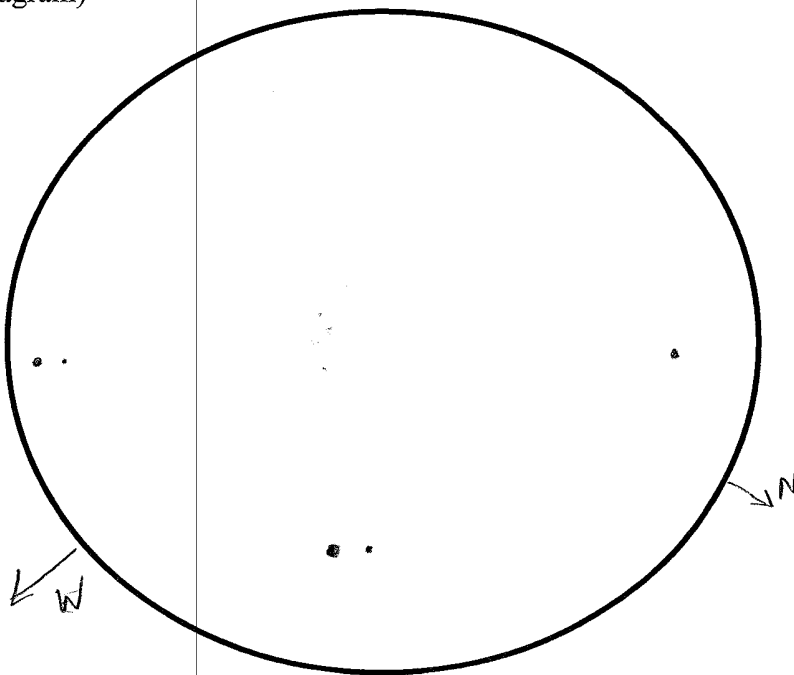
ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name BRAD YOUNG

Object Reference #: <u>S3</u> <u>N650</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/14/15</u>	Time: <u>3:50</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400mm</u>	Magnification & Field Size: <u>240x 0.4</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:
(indicate North & West or East on the diagram)

"HAT" CRAB - EASY
TO SEE - NO RING BUT
STILL AN VERY NICE
SIGHT.



z = 0.003

Distance:

41mly

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name BRAD YOUNG

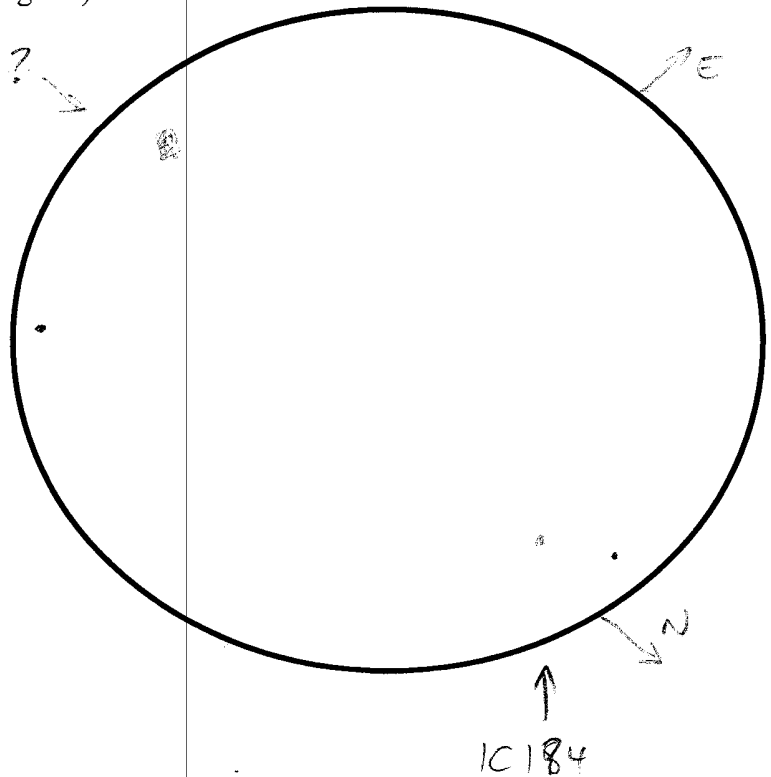
Object Reference #: <u>S 4</u> <u>IC 184 (cen)</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/17/18</u>	Time: <u>1:55 AM</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400 mm</u>	Magnification & Field Size: <u>240x 0.4</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:
(indicate North & West or East on the diagram)

MUST BE AND
PROBABLY A
MIX OF MAG-01
06-070 & -022
BUT THEY ARE IN
BETWEEN THE 2 MAGS
N 788 NEARLY OUT IN
DUE EAST, IC 184 WAS
ELONGATED AND AVE 2

$Z=0.018$

Distance: 246 Mly



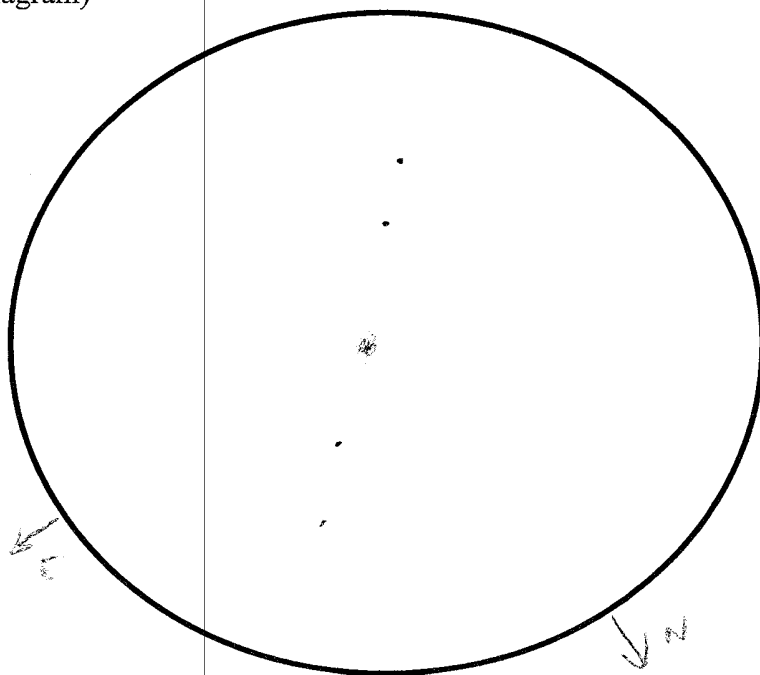
ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name BRAD YOUNG

Object Reference #: <u>SS</u> <u>N863</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/15/10</u>	Time: <u>6:30 AM</u>
Seeing: <u>II</u>	Transparency: <u>BT</u>
Telescope Aperture & Focal Length: <u>22" UC 2400 mm</u>	Magnification & Field Size: <u>100X</u> <u>240X 0.7</u>
Manual or <u>Device-driven</u>	<u>10 min E 24</u>

Notes:
(indicate North & West or East on the diagram)

MUCH BRIGHTER THAN
OTHER TARGETS -
COMPARE TO OTHERS
W/ DARK FIELD
W/ DARK FIELD.



Distance: 108 mly

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

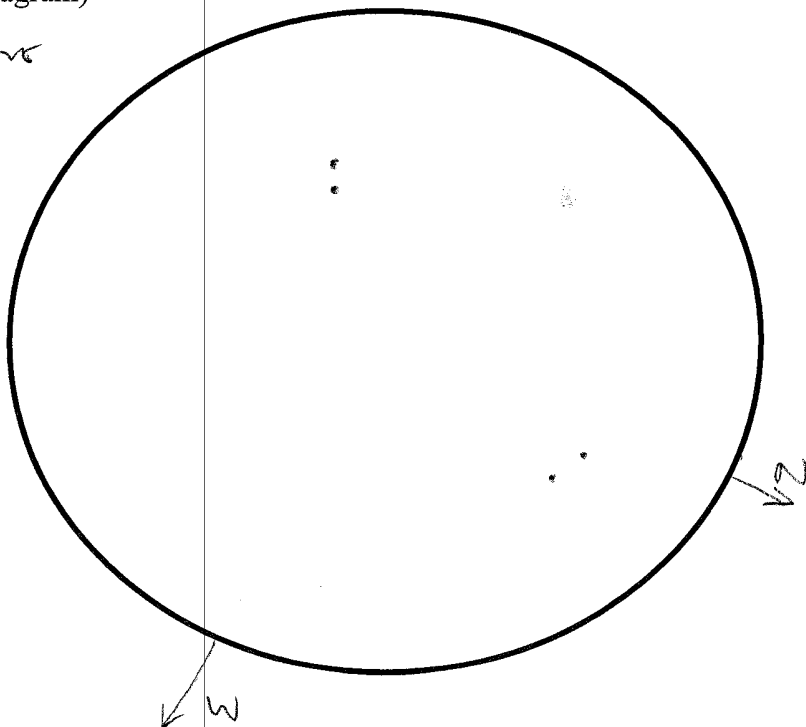
Observer's Name BRAD YOUNG

Object Reference #: <u>S 6</u> <u>N1050</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/16/15</u>	Time: <u>4:00 UT</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400mm</u>	Magnification & Field Size: <u>240x 0.9°</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:

(indicate North & West or East on the diagram)

OVAL, $AV=1$, SEEMS TO HAVE
 SOME HINT OF GRAININESS
 & "CORNER"
 BLANKISH FIELD EXCEPT
 2 WIDE PAIRS.



$z=0.013$

Distance:

178 Mly

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name B. Yonke

Object Reference #: <u>S 7</u> <u>N 1071</u>	Location/Latitude/Longitude: <u>ACT +35.8/-96.1</u>
Date: <u>10/19/15</u>	Time: <u>4:30</u>
Seeing: <u>II</u>	Transparency: <u>I</u>
Telescope Aperture & Focal Length: <u>22 VC 2400mm</u>	Magnification & Field Size: <u>240x 00.4</u>
Manual or <u>Device-driven</u>	

Notes:
(indicate North & West or East on the diagram)

TINY, STELLAR

NO DETAIL AT ALL

AV=2 NOPE!



THIS WAS

N 1071

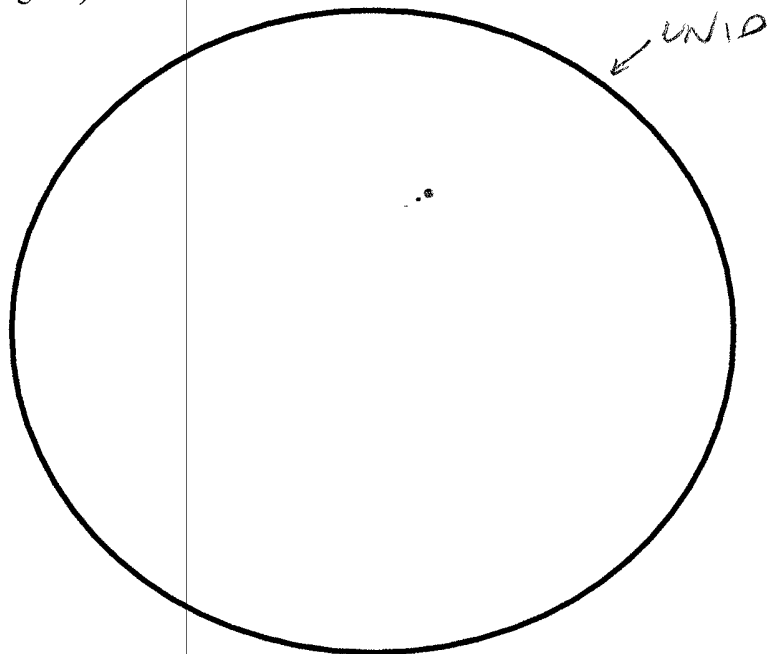


OVR
GROW/COMPACT
NUC.

$z=0.028$

Distance:

513 mly



→ E

↓ N

H3

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

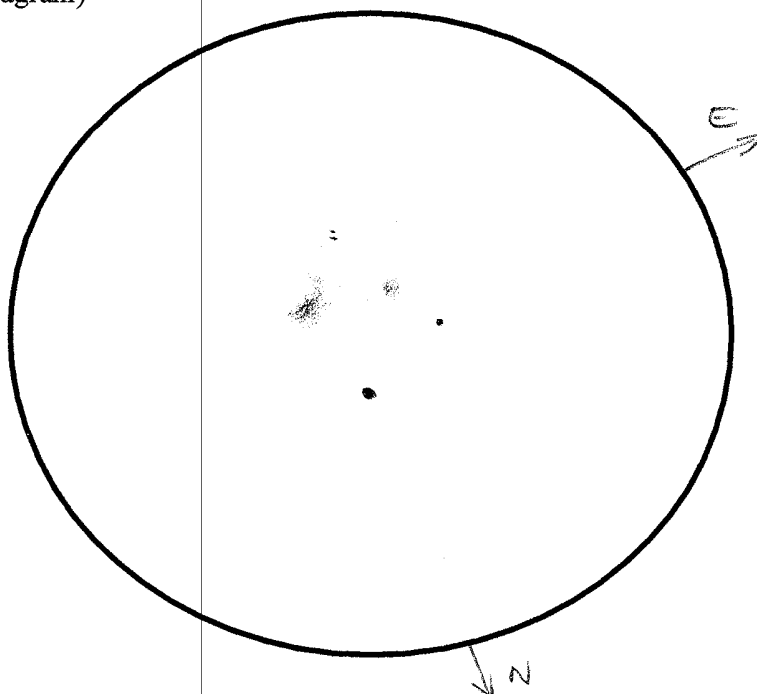
 Observer's Name B. YAMZ

Object Reference #: <u>S8</u> <u>N1241/2</u>	Location/Latitude/Longitude: <u>0-T +36.9/-103</u>
Date: <u>9/17/15</u>	Time: <u>6:10</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22uc</u> <u>2400mm</u>	Magnification & Field Size: <u>240</u> <u>0.4</u>
Manual or <u>Device-driven</u>	

Notes:

(indicate North & West or East on the diagram)

MAGNIFICENT PAIR
 CLEARLY SAW ARMS
 SWEEPING AWAY FROM
 1241, DETAIL OF KALO
 AROUND ITS NUC. &
 1242'S. WIDE DOUBLE
 TO SE DOESN'T SEEM
 TO HAVE REAL NEBULA.
 GREAT FIELD!



Distance:

 $z=0.014$
191 Mly

Observer's Name BRAD YOUNG

Notes:
(indicate North & West or East on the diagram)

Distance:

123 mL

H3

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name

B. YOUNG

Object Reference #: S 10 N1358 + 1355	Location/Latitude/Longitude: +36.8 / -102
Date: 9/13/15	Time: 6:40
Seeing: II	Transparency: II
Telescope Aperture & Focal Length: 22" VC 2400mm	Magnification & Field Size: 24x 0.4
Manual or Device-driven	

Notes:

(indicate North & West or East on the diagram)

GREAT PAIR, BOTH
EAST

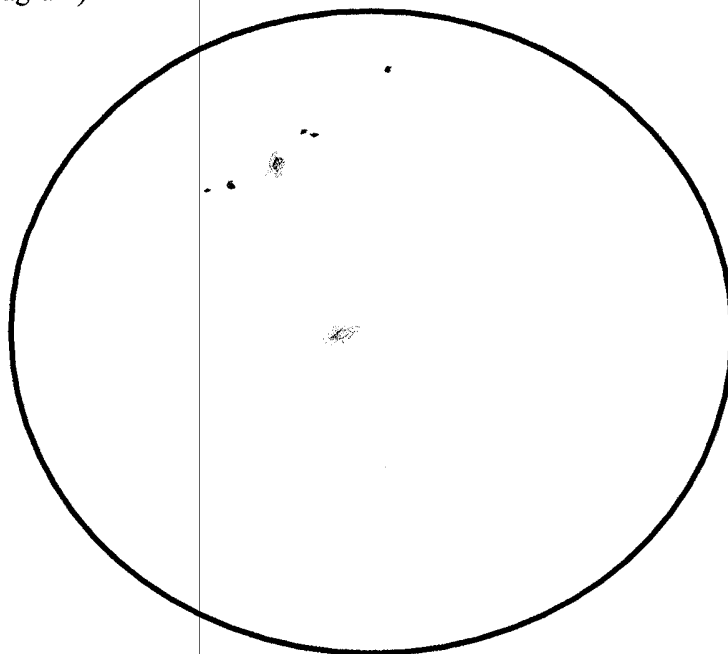
1358: OVAL, COMPACT
NUC. & SOME HALO

1355 →
SM ELLIP, I THINK!
ONLY SAW NUC.

Z = 0.013

Distance:

178 mly



sem
then → ⑬ x. -120
NG 50

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

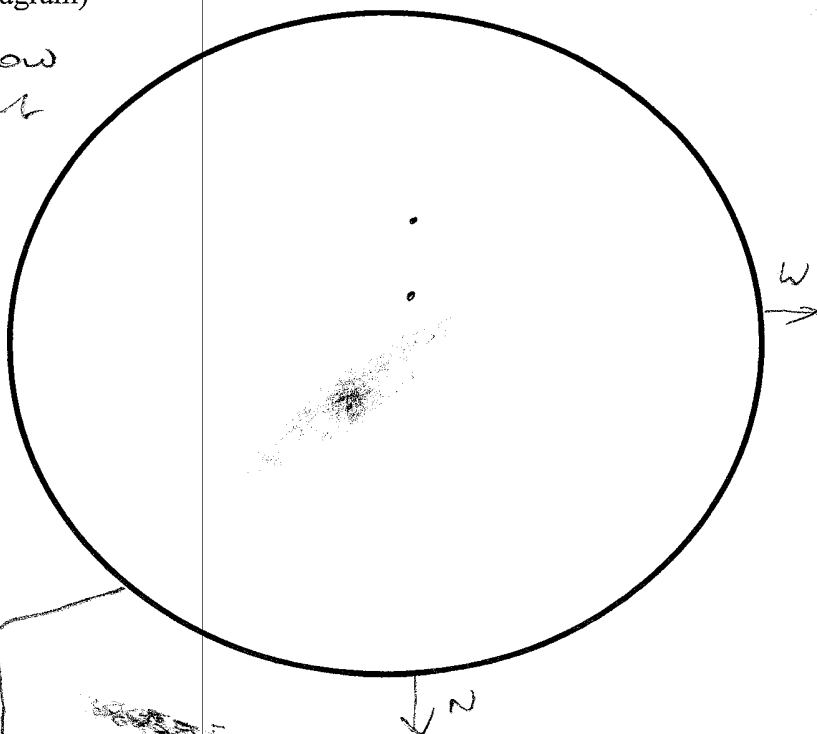
Observer's Name BRAD YOUNG

Object Reference #: <u>S 19</u> <u>M81</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/17/15</u>	Time: <u>4:55 UT</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400 mm</u>	Magnification & Field Size: <u>240X 0.3</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:

(indicate North & West or East on the diagram)

SPDOW PIECE - EVEN SO LOW
IT (RMB2) ARE STANNING
COMPACT NUC. W/ SL.
HUMP OR BUMP IN IT
FAIRLY LONG ARM on
RIGHT HAS A MISSING
"BIT"



$z = 0.001$

Distance: 12 Mly

M82

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name BRAD YOUNG

Object Reference #: <u>546</u> <u>UGC 9214</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/16/15</u>	Time: <u>2:10 AM</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400mm</u>	Magnification & Field Size: <u>240x 0.9</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:

(indicate North & West or East on the diagram)

A CIRCULAR GALAXY

OUTSIDE OF FIELD -

SEEKING FOR

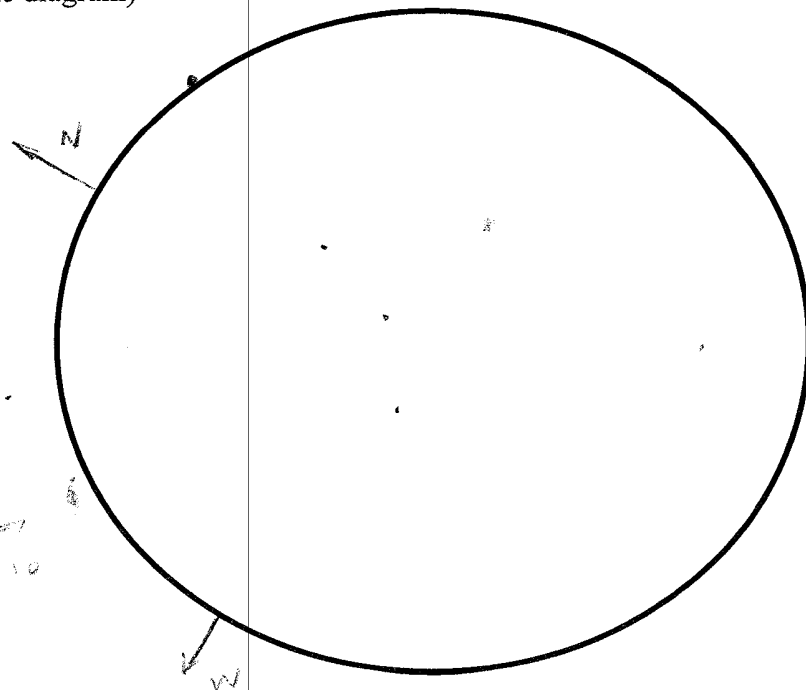
NO. 10

COMET

$Z = 0.034$

Distance:

460 MLY



ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name B. Young

Object Reference #: <u>48 (SER FERT)</u> <u>N5953 (Ser)</u>	Location/Latitude/Longitude: <u>ACT / +35.8 / -96.1</u>
Date: <u>8/16/15</u>	Time: <u>3:15 UT</u>
Seeing: <u>II</u>	Transparency: <u>I-</u>
Telescope Aperture & Focal Length: <u>22" UC / 2400mm</u>	Magnification & Field Size: <u>240x / 0.4</u>
Manual or <u>Device-driven</u> <u>DSC</u>	<u>(W/N5952)</u>

Notes:

(indicate North & West or East on the diagram)

VERY AMAZING, SEEMINGLY
INTERACTING PAIR. ONE
AN OVAL "NORMAL"
ELLIPTICAL + BENT
GLOW W/OFF CENTER
NUCLEUS.

NEXT FIELD =

SL. TOO FAR

TO BE

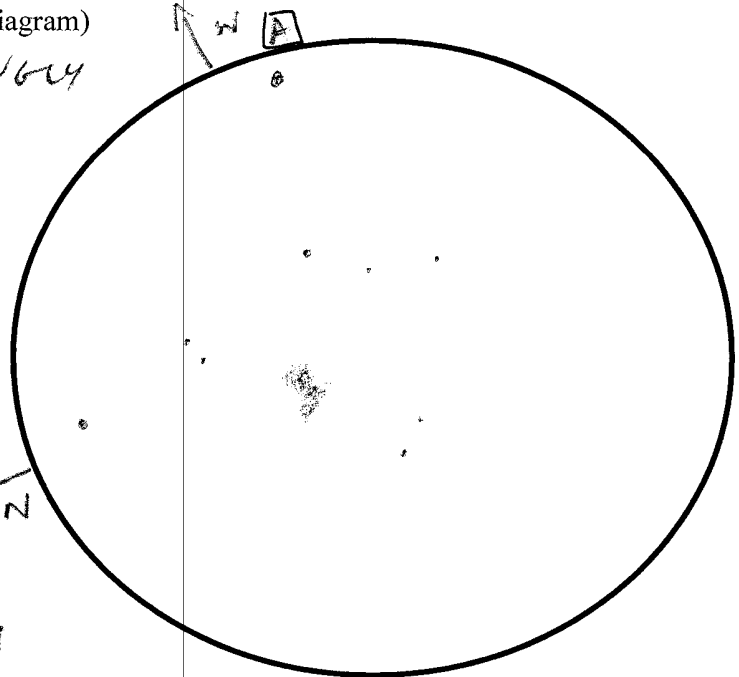
A

FAR,

1 GUES.

Distance:

96M17



SIZE = 0.4

$Z=0.007$

$Sy 2$

↑ N5951
SEEMS TO HAVE A

~ SHAPE TO IT.

ALSO H II

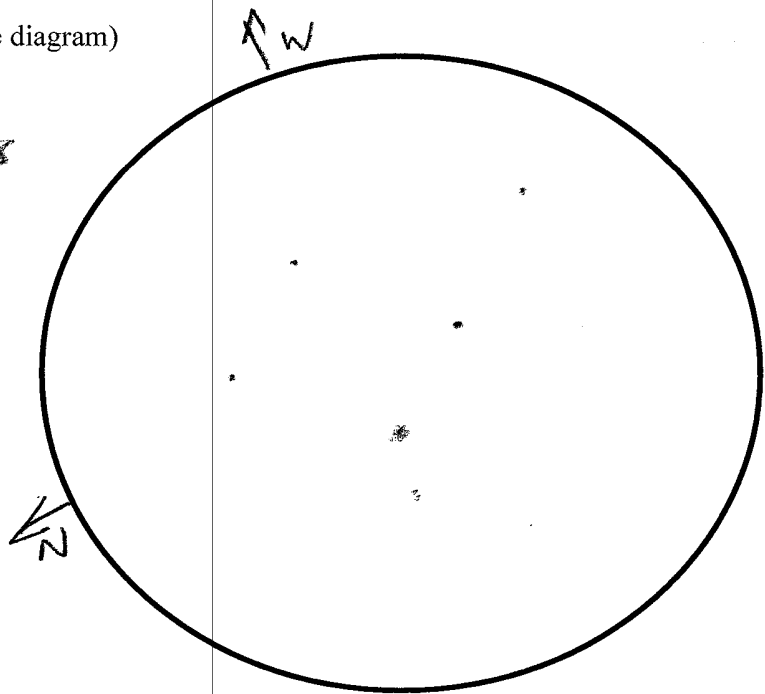
ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name B. Young

Object Reference #: <u>SEYFERT #50</u> <u>N5990 (SER)</u>	Location/Latitude/Longitude: <u>ACT / +35.8 / -96.1</u>
Date: <u>8/16/15</u>	Time: <u>3130 UT</u>
Seeing: <u>II</u>	Transparency: <u>I -</u>
Telescope Aperture & Focal Length: <u>22" UC / 2400 mm</u>	Magnification & Field Size: <u>240x / 0.4</u>
Manual or Device-driven <u>DSC</u>	

Notes:
(indicate North & West or East on the diagram)

rather bright, see
only nucleus & hints
of glow around it
not much detail



Distance: 178 Mly

$z=0.013$

Sy2

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

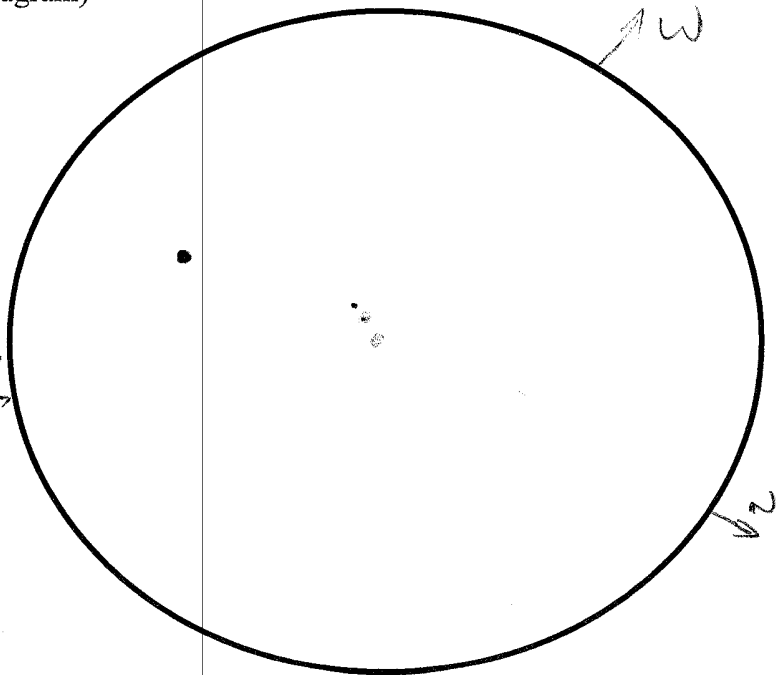
Observer's Name BRAD YOUNG

Object Reference #: <u>S52</u> <u>Mkn 506 (Her)</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/17/15</u>	Time: <u>3:35 AM</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400 mm</u>	Magnification & Field Size: <u>240x 0.9°</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:
(indicate North & West or East on the diagram)

ROUND, SMALL AGN=2
AT END OF LINE, w/
another galaxy & fs

Mkn 506 →
MCG+8-4-011 →



$z=0.043$

Distance: 580 Mly

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

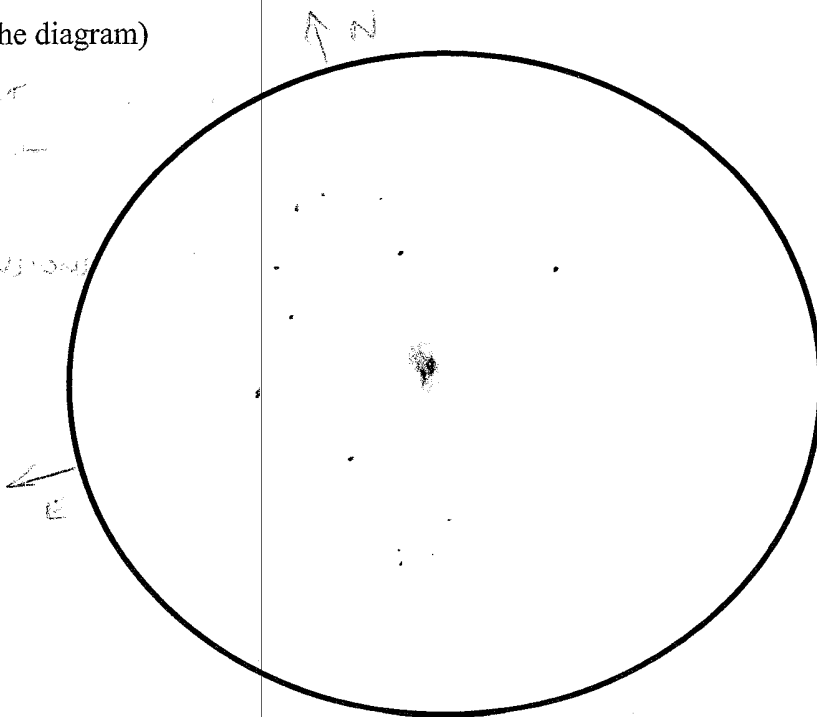
Observer's Name BRAD YOUNG

Object Reference #: <u>553</u> <u>N6951</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/15/15</u>	Time: <u>6:45</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400mm</u>	Magnification & Field Size: <u>240x 0.9</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:

(indicate North & West or East on the diagram)

NO WRING ARMED BUT
STILL A NUCLEAR WITH
NUCLEAR SPICERS (?)
WITH CLUMPY EXTENSIONS



Distance:

69 Mly

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name BRAD YOUNG

Object Reference #: <u>554</u> <u>IC1368 (A92)</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/16/15</u>	Time: <u>3:30 AM</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400mm</u>	Magnification & Field Size: <u>240x 0.9</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:
(indicate North & West or East on the diagram)

Along, well seen,
not much detail,
but seemed brighter
on SEE side

SEE

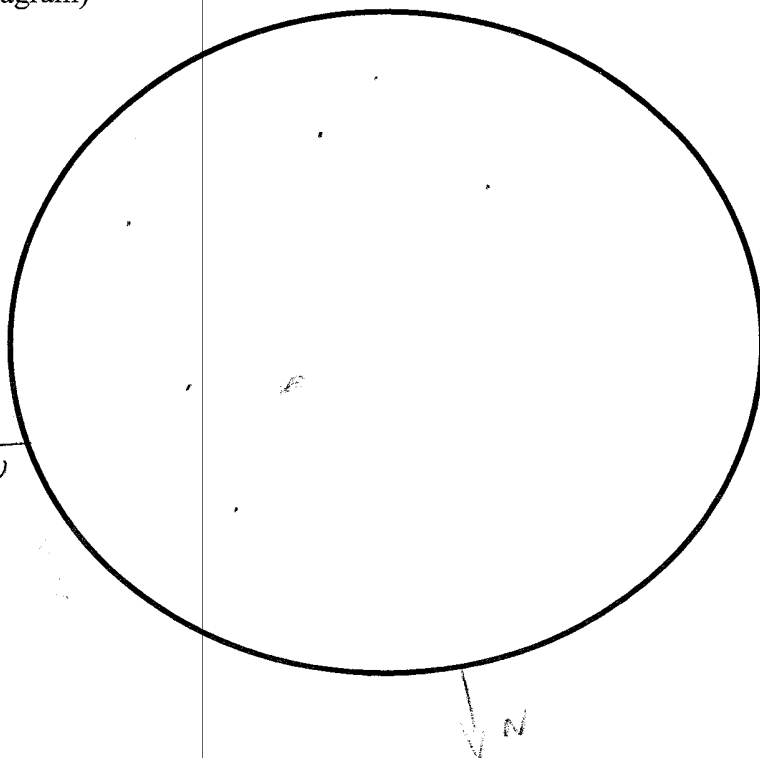
NEXT

PAGE

z=0.013

Distance:

178 Mly



ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name BRAD YOUNG

Object Reference #: <u>554</u> <u>IC 1368</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/17/15</u>	Time: <u>4:45 UT</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400mm</u>	Magnification & Field Size: <u>240x 0.9</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:

(indicate North & West or East on the diagram)

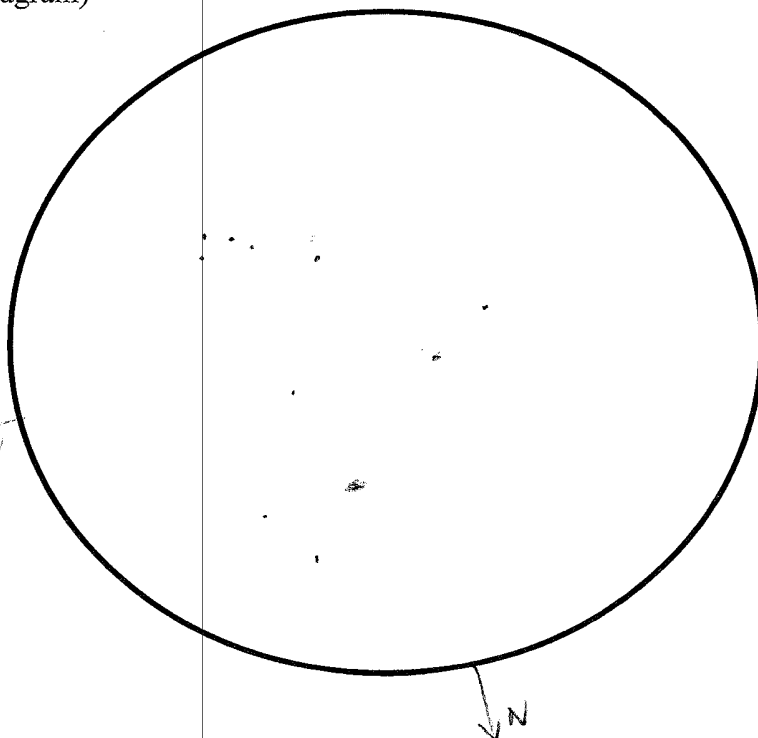
FAT BLOB OF LIGHT -
NUC. I SUPPOSE, ELONG
BUT MUST NOT SEE
OUTER HALO. $AV=1$

(REVISITED
TO
CONFIRM)

$z=0.013$

Distance:

178 Mly



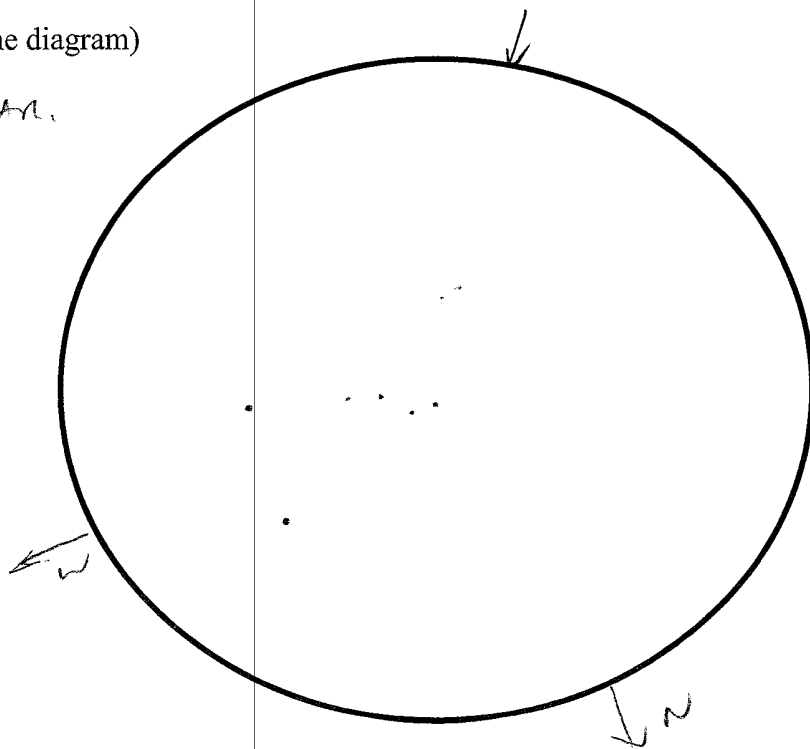
ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name BRAD YOUNG

Object Reference #: <u>SSS</u> <u>U12138</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/17/18</u>	Time: <u>4:35 UT</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400mm</u>	Magnification & Field Size: <u>240x 0.9</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:
(indicate North & West or East on the diagram)

TINY, BUT NOT STELLAR.
AV = 2 NUCLEUS +
SM. HALO



$z = 0.025$

Distance:

340 Mly

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name B. Young

Object Reference #: <u>S 56</u> <u>U12149 (Reg)</u>	Location/Latitude/Longitude: <u>0-T +36.9/-103</u>
Date: <u>9/17/15</u>	Time: <u>8:20 UT</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400mm</u>	Magnification & Field Size: <u>240 0.4</u>
Manual or Device -driven	

Notes:

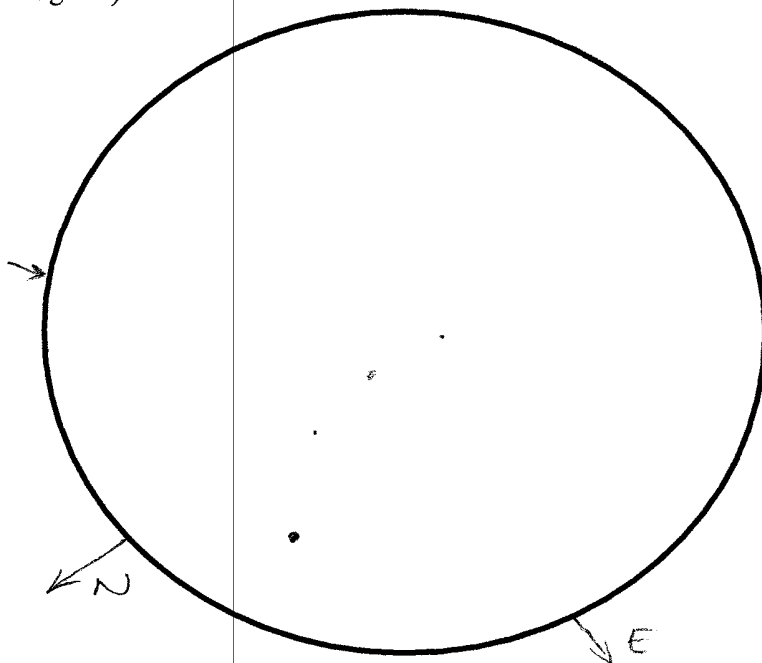
(indicate North & West or East on the diagram)

TINY & STAR LIKE

HINT OF GLOW.

AV=2

(SEE
NEXT
PAGE)



ZZ 0.024

Distance: 327 Mly

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name B. Young

Object Reference #: <u>S56</u> <u>U12149</u>	Location/Latitude/Longitude: <u>0-T +36.8/-103</u>
Date: <u>9/18/15</u>	Time: <u>4:10 AM</u>
Seeing: <u>I</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400mm</u>	Magnification & Field Size: <u>240X 0.9</u>
Manual or <u>Device-driven</u>	

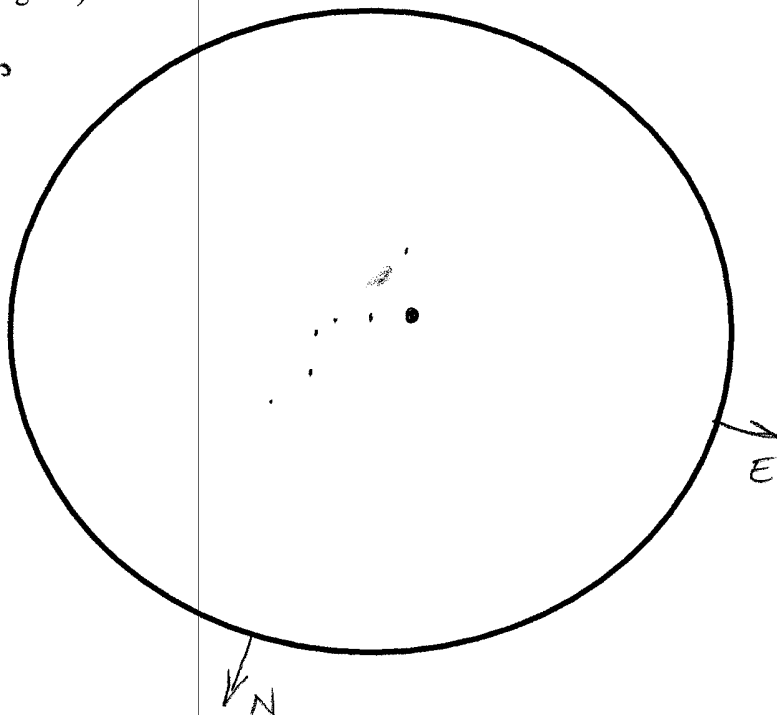
Notes:
(indicate North & West or East on the diagram)

A little oblong to
ME (AV=1), SEEN
but no detail,
just nucleus.

(revised to
confirm)

z = 0.024

Distance: 327 mly



ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name B. YAMK

Object Reference #: <u>558</u> <u>N7450+7443+7444</u>	Location/Latitude/Longitude: <u>0-T +36.8 / -102</u>
Date: <u>9/18/15</u>	Time: <u>7:55 UT</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400mm</u>	Magnification & Field Size: <u>240x 0.4</u>
Manual or Device-driven	

Notes:

(indicate North & West or East on the diagram)

GREAT TWO! 7450 →
ONLY A BUM OR "SQUARE
CORNER" ON S.W. SIDE
WELL SEEN, NO DETAIL

7444 →

OTHERS:

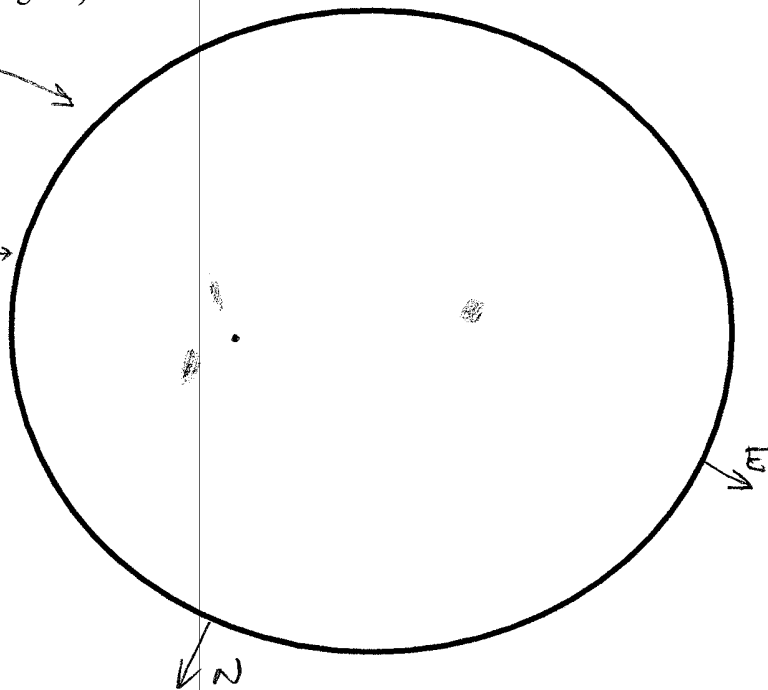
7443 ELONGATED →
MUCH SEEN

7444 ELONGATED,
SL. SMALLER

$z = 0.011$

Distance:

151 Mly



H3

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

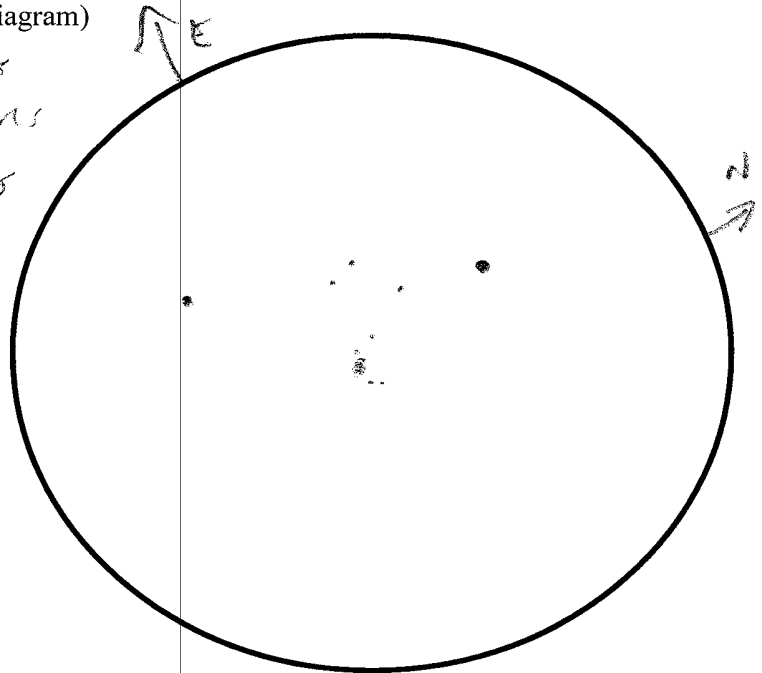
Observer's Name B. YOUNG

Object Reference #: <u>Seyfert A59</u> <u>7169 (Reg)</u>	Location/Latitude/Longitude: <u>ACT / +35.8 / -96.1</u>
Date: <u>8/16/15</u>	Time: <u>3:50 UT</u>
Seeing: <u>II</u>	Transparency: <u>I-</u>
Telescope Aperture & Focal Length: <u>22" VC / 2400mm</u>	Magnification & Field Size: <u>240x / 0.4</u>
Manual or <u>Device-driven</u> <u>DSC</u>	

Notes:

(indicate North & West or East on the diagram)

HINTS OF IC NEARBY AS
ONE OF THE FIELD STARS
A LITTLE FUZZY. IT IS
SMALL, ALMOST ALL
NUCLEUS, W/ STAR
ON EDGE



Distance: 219 Mly

$z = 0.016$

Sy 1

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

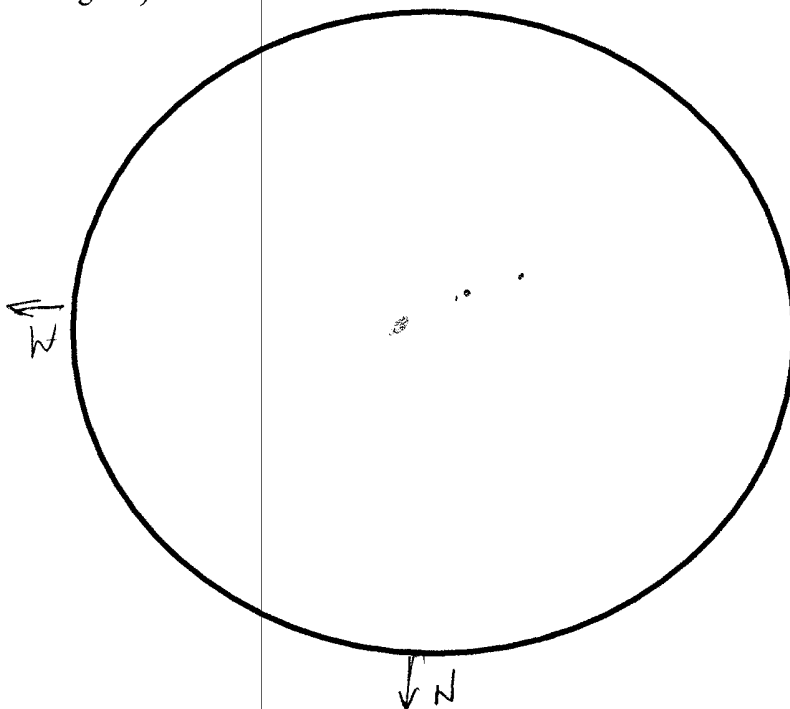
Observer's Name B Yang

Object Reference #: <u>561</u> <u>NGC 7589</u>	Location/Latitude/Longitude: <u>ACT +35.8 / -96.1</u>
Date: <u>10/15/15</u>	Time: <u>4:30 UT</u>
Seeing: <u>H-</u>	Transparency: <u>I-</u>
Telescope Aperture & Focal Length: <u>22 VC / 2400 mm</u>	Magnification & Field Size: <u>240x 0.4</u>
Manual or <u>Device-driven</u>	

Notes:

(indicate North & West or East on the diagram)

SMALL, ALMOST
STELLAR IN
BLANK FIELD



z=0.030

Distance:

407 mly

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name BRAD YOUNG

Object Reference #: <u>Q57</u> <u>Mrk 509</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/14/15</u>	Time: <u>4:15</u>
Seeing: <u>1.5"</u>	Transparency: <u>95</u>
Telescope Aperture & Focal Length: <u>22" UC 2400mm</u>	Magnification & Field Size: <u>240x 0.9</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:

(indicate North & West or East on the diagram)

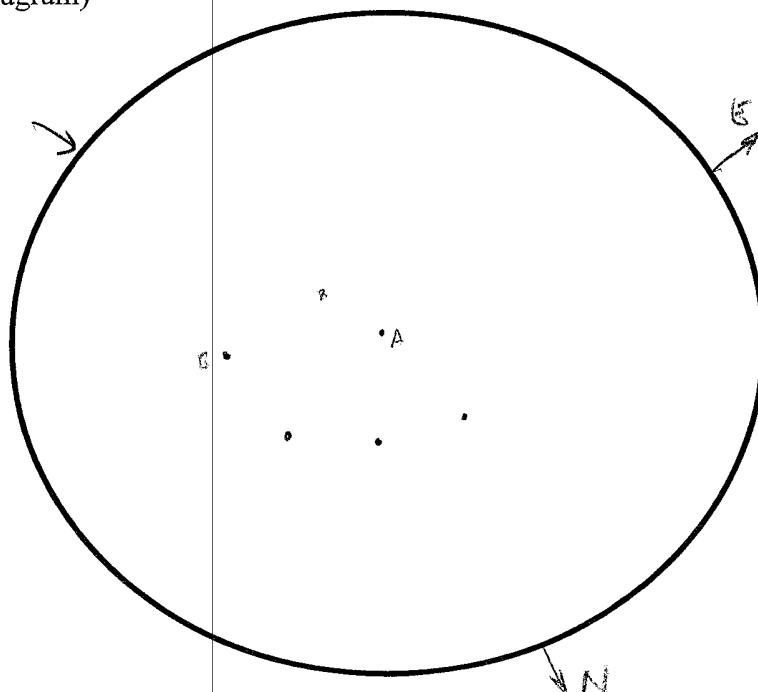
BRAD YOUNG

A = 12.8

B = 12.4 GAL ~ 12

Z = 0.033

Distance: 447 Mly



ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

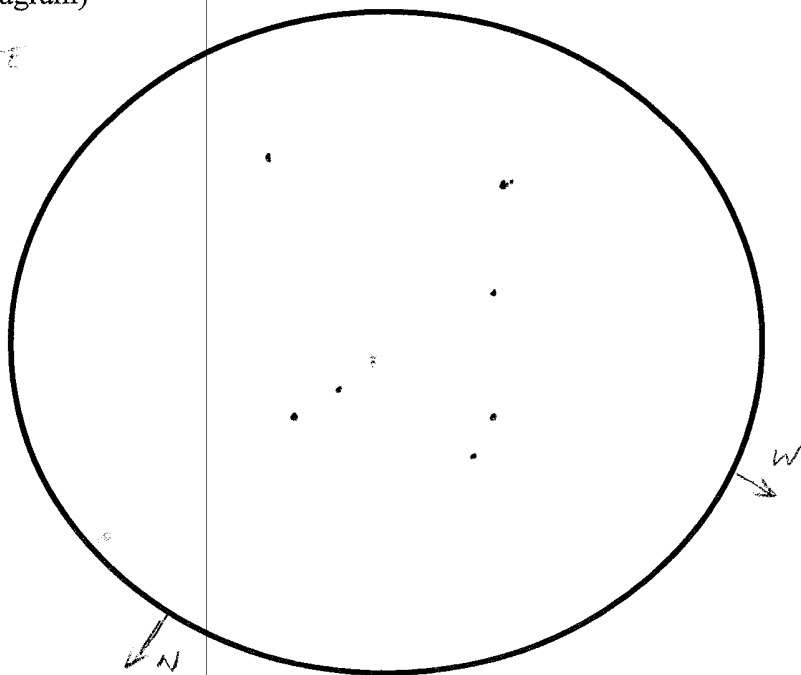
Observer's Name BRAD YOUNG

Object Reference #: <u>Q515</u> <u>MR 2251-178 (A₉-1)</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/15/15</u>	Time: <u>6:00</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400mm</u>	Magnification & Field Size: <u>240x 0.9</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:

(indicate North & West or East on the diagram)

NOT AS COME AT THE
OTTON GLE: IN AREA
BUT SEEN, SILENTLY
OVAL



Distance:

2:0.088

105mly

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

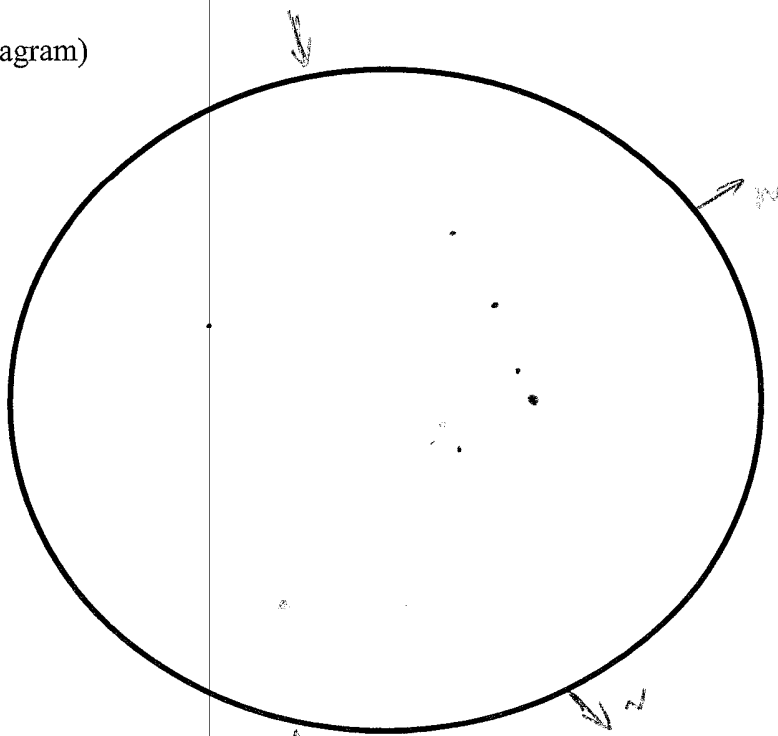
Observer's Name BRAD YOUNG

Object Reference #: <u>Q5 16</u> <u>M4926</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>11</u>	Time: <u>5:05</u>
Seeing: <u>9/14/15</u>	Transparency: <u>2</u>
Telescope Aperture & Focal Length: <u>22" UC 2400mm</u>	Magnification & Field Size: <u>240x 0.9</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:

(indicate North & West or East on the diagram)

Q5 16 & M4926, NO ST. AT.
IN STATE TO 15
OKIE-TEX 103 W
RECAP



z=0.047

Distance:

636 Mly

? RADIN HAS
GALAXY NEARBY

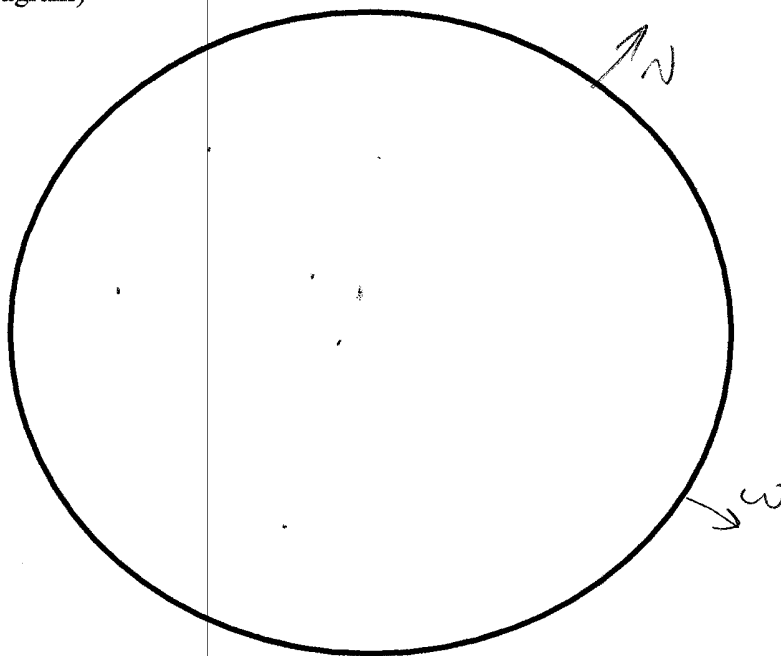
ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name B. Yang

Object Reference #: <u>QS 49</u> <u>1X624+6907</u>	Location/Latitude/Longitude: <u>0-T +36.8/-103</u>
Date: <u>9/18/15</u>	Time: <u>8:10 UT</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" VC 2400mm</u>	Magnification & Field Size: <u>240 X 09.4</u>
Manual or <u>Device-driven</u>	

Notes:
(indicate North & West or East on the diagram)

VERY FAINT,
SL. HAZE & "CLARIF"
SCAN AX=4



$z=0.37$

Distance: 4199 Mly

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

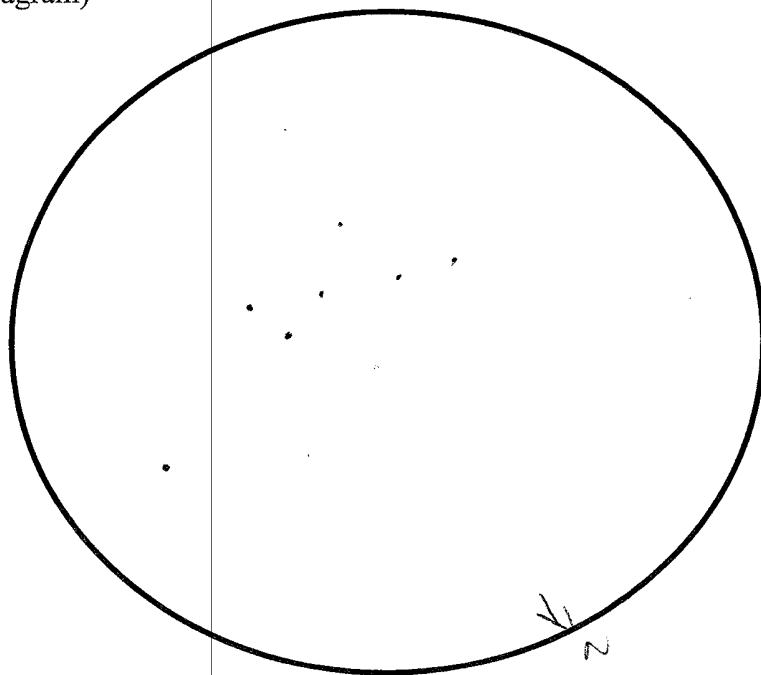
Observer's Name BRAD YOUNG

Object Reference #: <u>Q566</u> <u>IRAS 01072-0348</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/17/18</u>	Time: <u>5:40 AM</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400 mm</u>	Magnification & Field Size: <u>240x 0.34</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

AKA PGC 4144

Notes:
(indicate North & West or East on the diagram)

VERY SMALL & DIM, AV=2



Z=0.054

Distance: 724 Mly

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name B. YOUNG

Object Reference #: <u>QJ 153</u> <u>KUV 18217+6419 (Orz)</u>	Location/Latitude/Longitude: <u>0-T / +36.9 -103</u>
Date: <u>9/15/15</u>	Time: <u>7:30 UT</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22uc 2400mm</u>	Magnification & Field Size: <u>240x 0.4</u>
Manual or <u>Device-driven</u>	

Notes:

(indicate North & West or East on the diagram)

Drawn as
MASSIVE QJ
PAB to be on
CAOPEL -
NON-FIELD OBJECTS
FROM SKETCH,
THAT FILLED IN
POSSIBLE

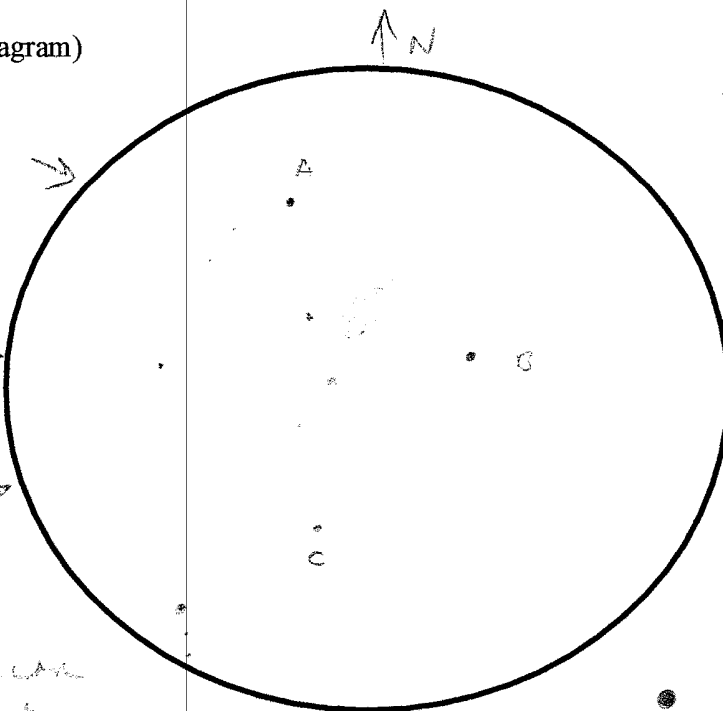
QJ 153

A = 11.3
B = 11.56
C = 12.15

NON-STELLAR
BUT SMALL

W/ 1.5" PA AS SHOWN (NO FILTER)

Distance: 3504 Mpc Z=0.297



ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name B. Young

Object Reference #: <u>Q5193</u> <u>BL Lac</u>	Location/Latitude/Longitude: <u>0-T +36.9 / -103</u>
Date: <u>9/18/15</u>	Time: <u>3:25 UT</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400 mm</u>	Magnification & Field Size: <u>240X 0.4</u>
Manual or <u>Device-driven</u>	

Notes:
(indicate North & West or East on the diagram)

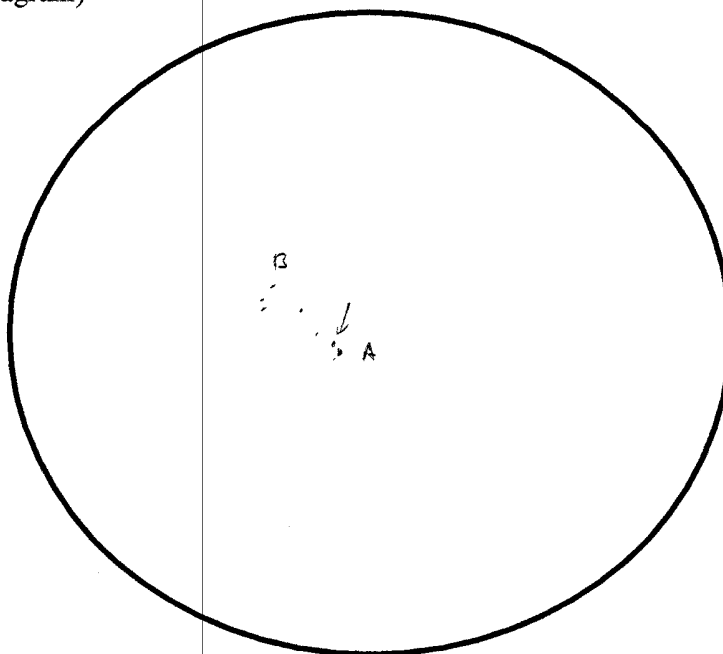
NOT SURE WHY
BL 15 ON Q50
15 NOT 6d 6.0

LIST, STELLARLY

A ^{1.5} > X ^{1.5} > C

UNKNOWN 133

SO I ESTIMATE 13m.



Z=0.069

Distance: 918 mly

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name BRAD YOUNG

Object Reference #: <u>Q 5268</u> <u>UTC 545</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/14/15</u>	Time: <u>4:45</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400 mm</u>	Magnification & Field Size: <u>240x 0.9°</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:

(indicate North & West or East on the diagram)

SMALL RING

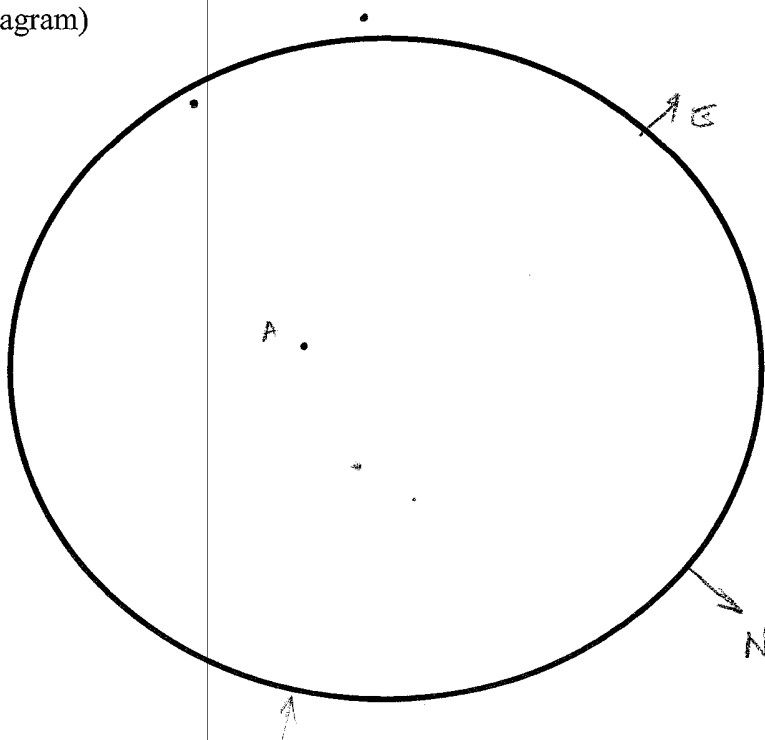
A=13.7

GAL $\leftrightarrow$ 14.5

z=0.059

Distance:

787 Mly



ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name BRAD YOUNG

Object Reference #: <u>BL 26</u> <u>Mrk 180</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>II</u>	Time: <u>3:55</u>
Seeing: <u>9/11/15</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400mm</u>	Magnification & Field Size: <u>240x 0.9</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:
(indicate North & West or East on the diagram)

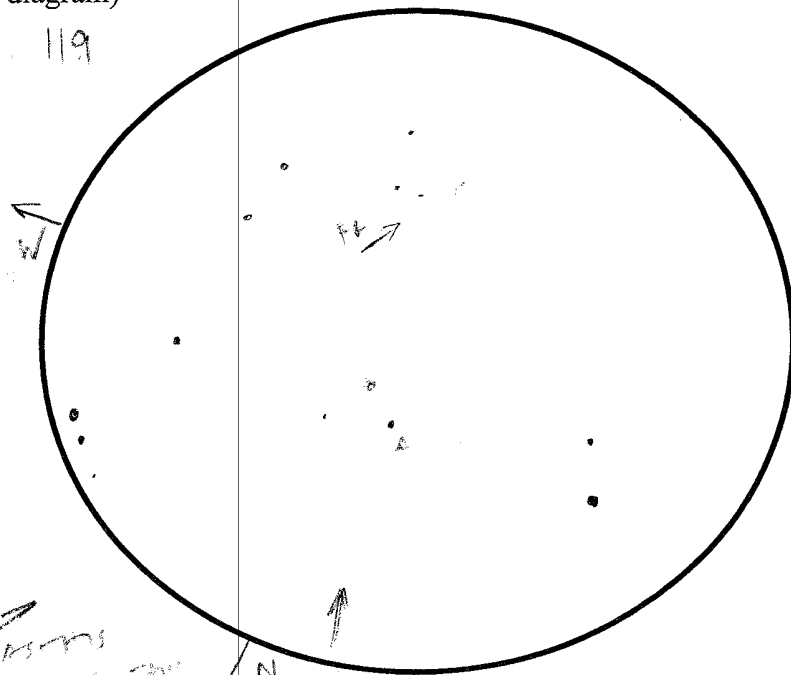
+FG! As shown on Pg. 119
OF 10x6 GOOD. NOT
MUCH DETAIL, BUT
SEEN WELL.
~14m A=12.9
1516m not seen

FG=

$z=0.046$

Distance:

619Mly



MAC 1136 + 70?
?

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name D. YOUNG

Object Reference #: <u>BL 31</u> <u>V11130 (3C 371)</u>	Location/Latitude/Longitude: <u>0-T</u> <u>+36.2 / -103</u>
Date: <u>9/18/15</u>	Time: <u>4:40 PM</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" VC 2400mm</u>	Magnification & Field Size: <u>240x 0.4</u>
Manual or Device <u>driven</u>	

Notes:

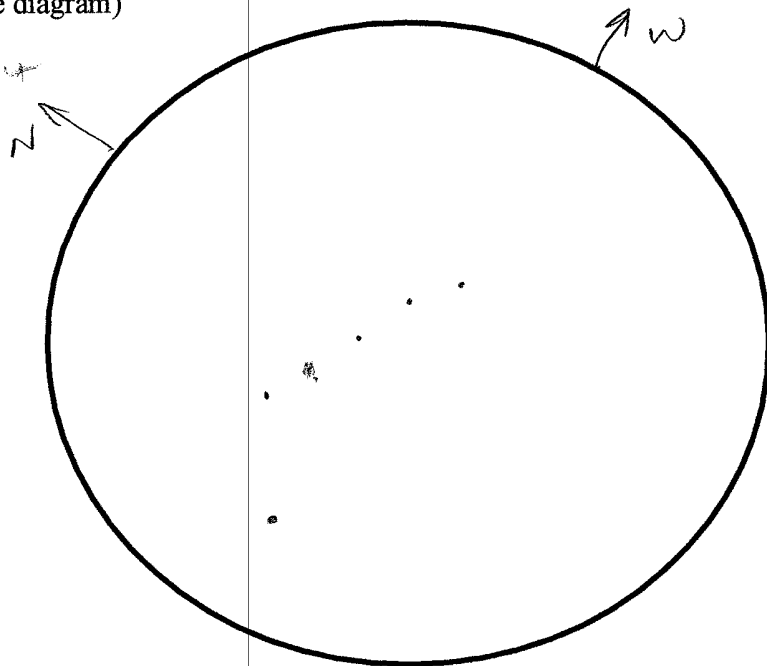
(indicate North & West or East on the diagram)

JUST 2 SPILLER BUT

ARE 2 & IN A

NICE LINE OF

F.S.



$z=0.051$

Distance:

685 mly

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name BRAD YOUNG

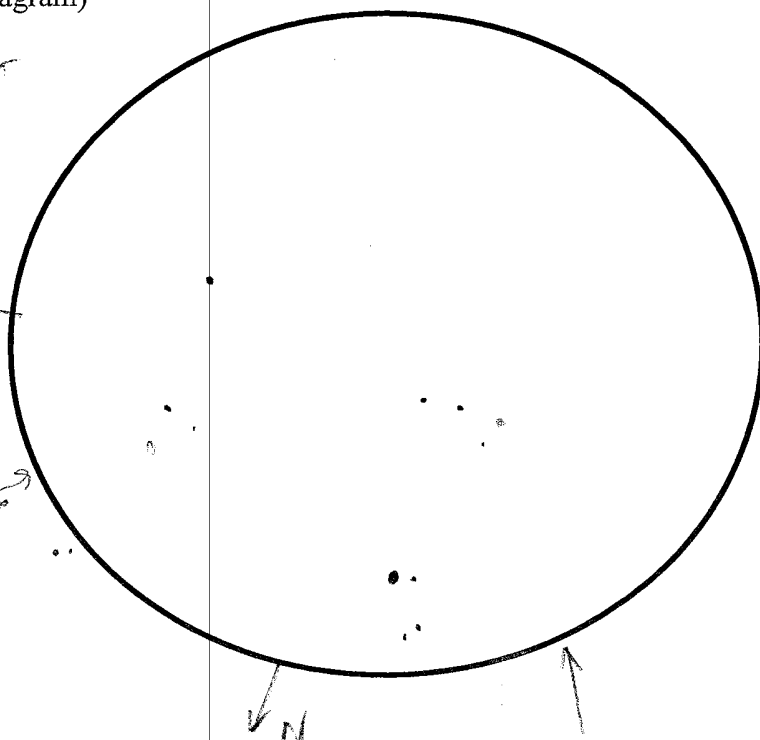
Object Reference #: <u>BL 33</u> <u>1ES 1959+650</u>	Location/Latitude/Longitude: <u>OKIE-TEX +36.9/103 W</u>
Date: <u>9/14/18</u>	Time: <u>5:15 UT</u>
Seeing: <u>II</u>	Transparency: <u>II</u>
Telescope Aperture & Focal Length: <u>22" UC 2400mm</u>	Magnification & Field Size: <u>240x 0.9</u>
Manual or <u>Device-driven</u>	<u>10mm E</u>

Notes:

(indicate North & West or East on the diagram)

SEEN IN PHOTOGRAPH BUT
NO DETAIL. ANOTHER
2M GLASS MOUNT

see photo →



$z=0.047$

Distance:

672 Mly

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name B. Young

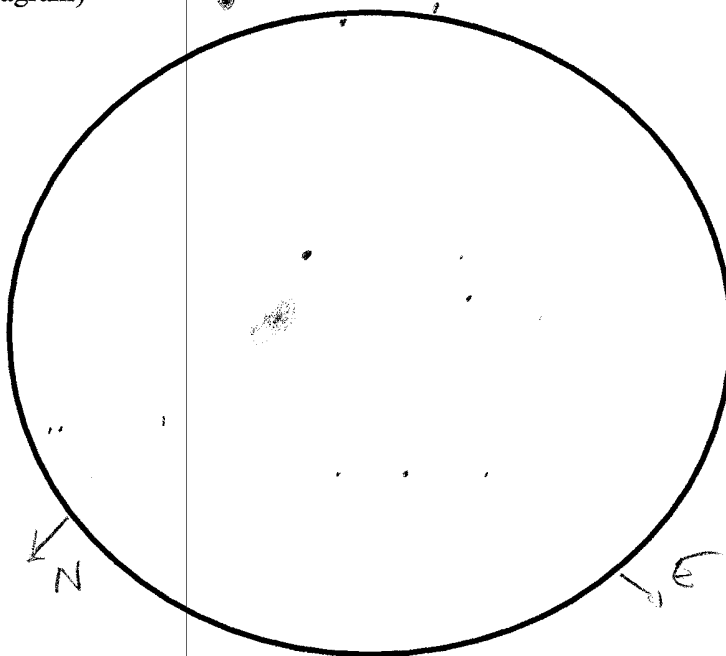
Object Reference #: <u>BLO 37</u> <u>Mrk 501</u>	Location/Latitude/Longitude: <u>Aur</u> <u>+35.8/-96.1</u>
Date: <u>10/19/15</u>	Time: <u>1:25 UT</u>
Seeing: <u>II</u>	Transparency: <u>I</u>
Telescope Aperture & Focal Length: <u>22UC</u> <u>2400mm</u>	Magnification & Field Size: <u>240x</u> <u>0°.4</u>
Manual or <u>Device-driven</u>	

AKA UGC 10599 (Her)

Notes:
(indicate North & West or East on the diagram)

MCE, NOT DIM (AV=1)

BUT AV BANGS AT SOME
HARD ALONG NUCLEUS,



Z=0.033

Distance: 447 mly