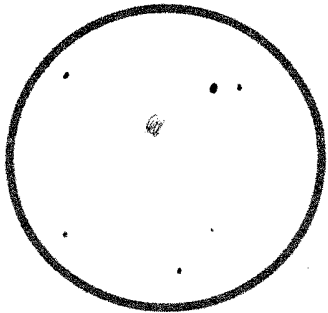


SL1833 237 IX 3V

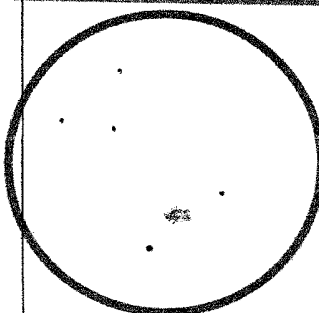
7/4 MOM
C
7/2

DATE=7/6/201 TIME= UT SITE= Act C= II S= II SCOPE=22UC @240X

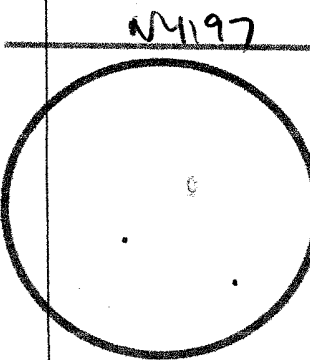
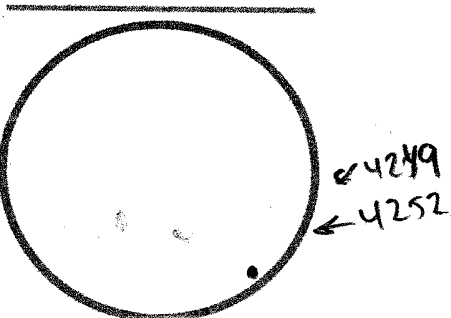
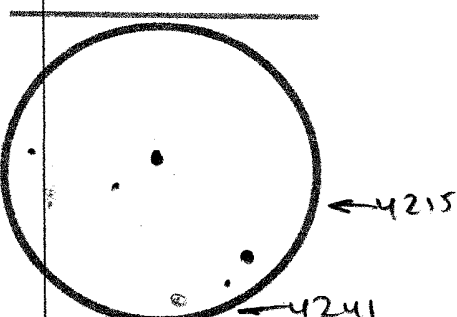
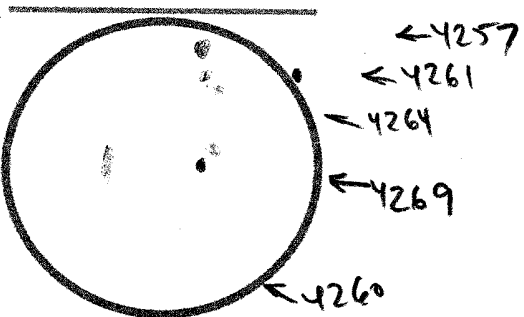
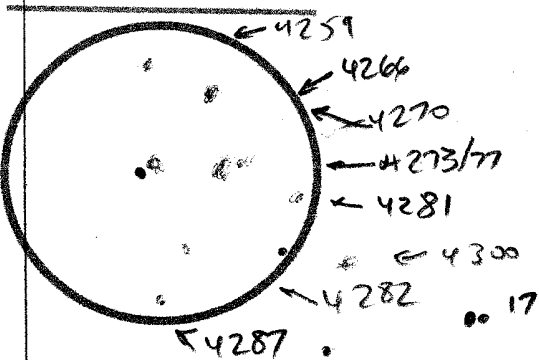
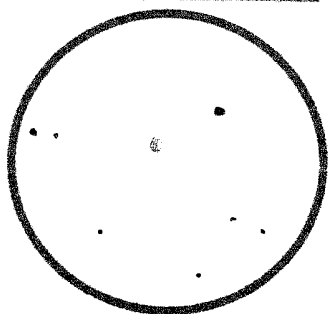
N5420



N5743



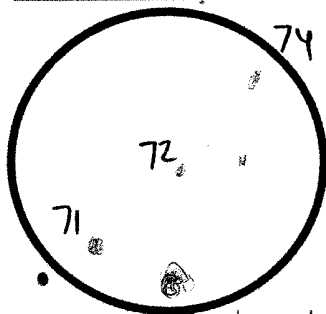
N4257



SHOWS WHY AT OTSP, I
 REVISITED NGC 70 GROUP = VV 166

DATE=7/15/2021 TIME=345UT SITE=ACP C=II S=II SCOPE=22UC @ 240x

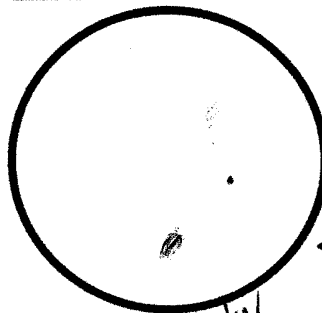
NGC 74/4



72 Round, S
 74 = ELONG
 SLIGHTLY

70 ↓ N NGC 67/68/70/71

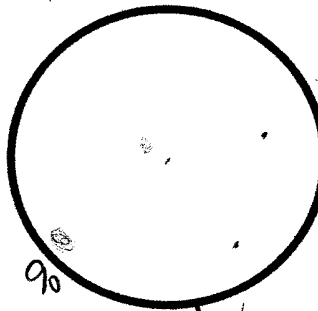
NGC 76



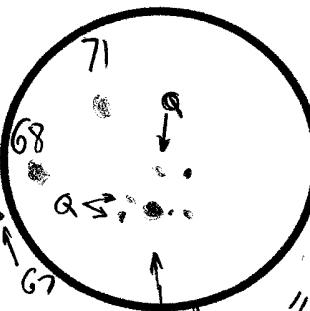
2MASX
 J00994032
 +29 49286
 (14m)

76 ←
 S, F, WAL, ALL NUC

NGC 93



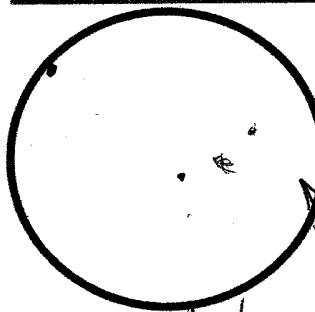
93 ← NO
 DETAIL
 THIS TIME -
 SEE OTSP
 DWGS



67 = STELLAR
 68 = ROUND
 70 = SPIRAL
 W/ VB NUC,
 HINTS OF ARM
 "WISPS" (Q)

71 = OVAL

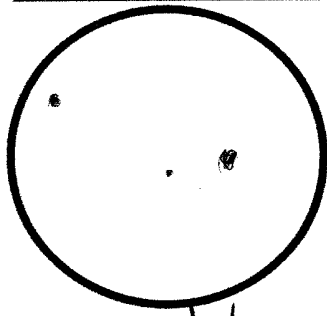
NGC 94



USE 10/5/21
 FOR CONFIRM

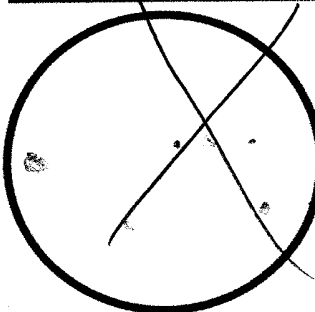
94 (ELONG)
 LEDA 1670567
 AV=3

NGC 97



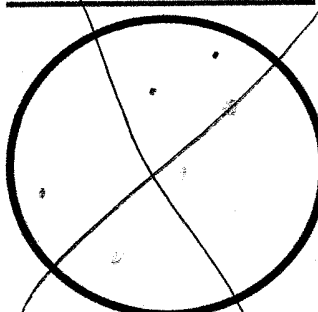
S, SIF, NUC

NGC 98



NO
 IDEA
 WHERE

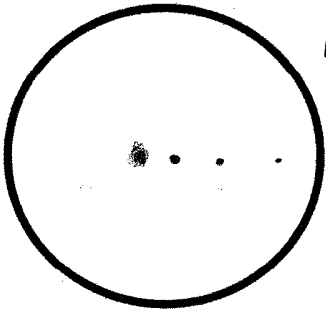
| SWEEP
 TO!



97 ←

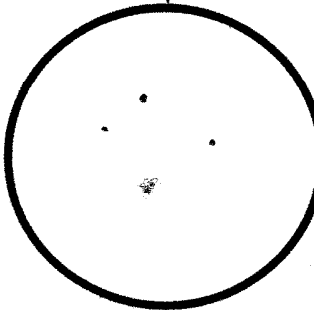
DATE=7/6/2021 TIME=40% UT SITE=ACT C=II S=II SCOPE=22UC @ 240 X

4922



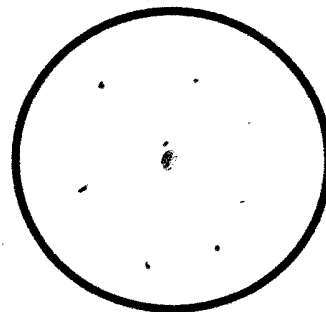
NICE, JUST A
HINT OF "OFF"
AXIS TO
CENTER. FS =
MOONLINE

N4926



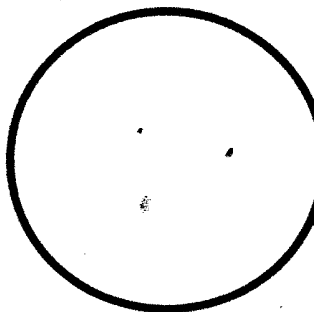
NO DETAIL
S, R, F

4929



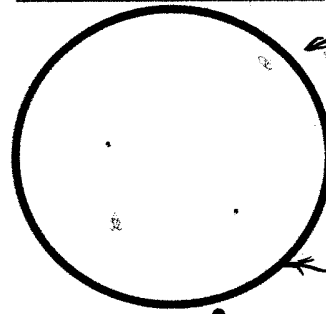
SL. ELONG

4931



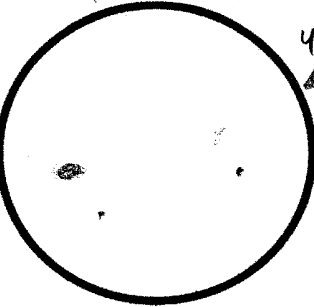
V3, V6

4934



4931

4943/44

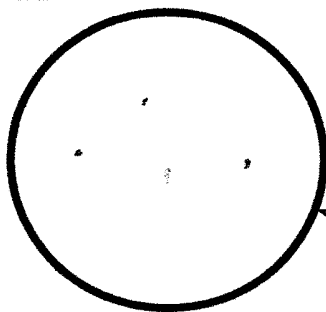


4943

AV=3

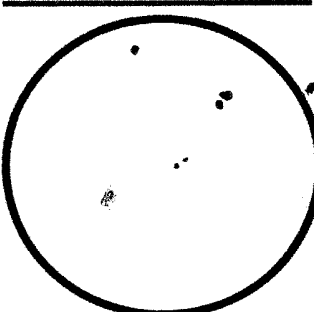
4944

N4949



AV=3

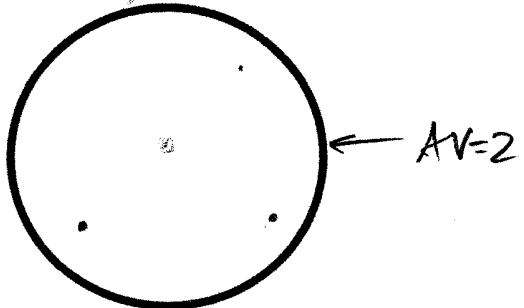
N4971



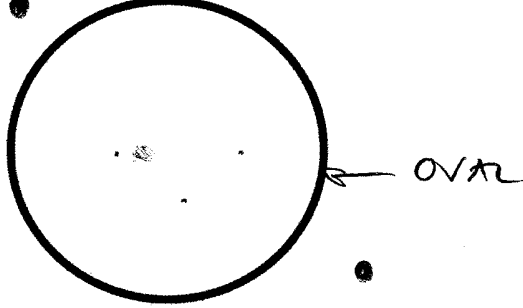
MOON DBLS
TO GUIDE YOU
THERE

DATE=7/6/2021 TIME=430UT SITE= Act C=II S=II SCOPE=22UC @ 240 X

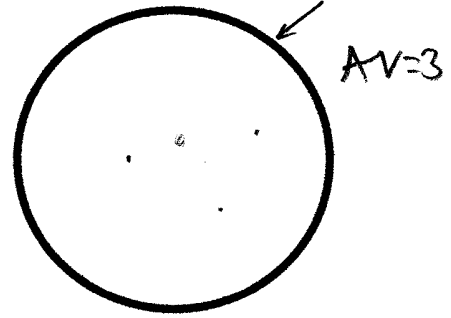
N5008



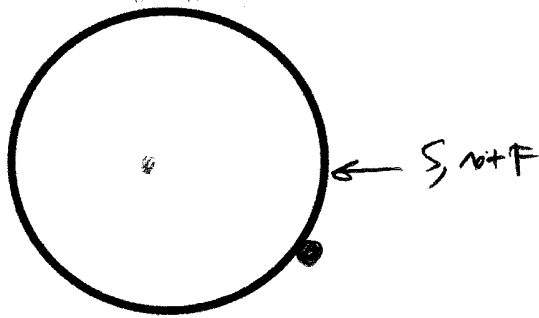
4728



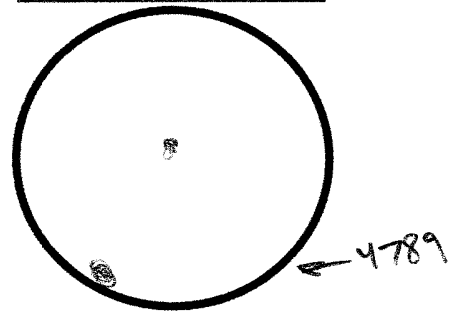
N4735



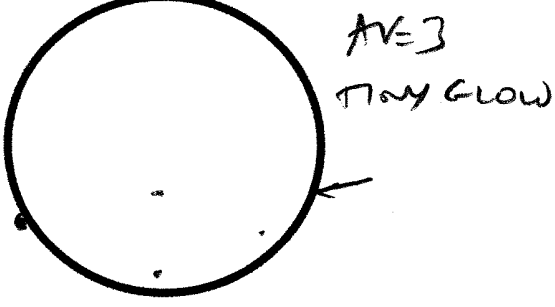
N4745



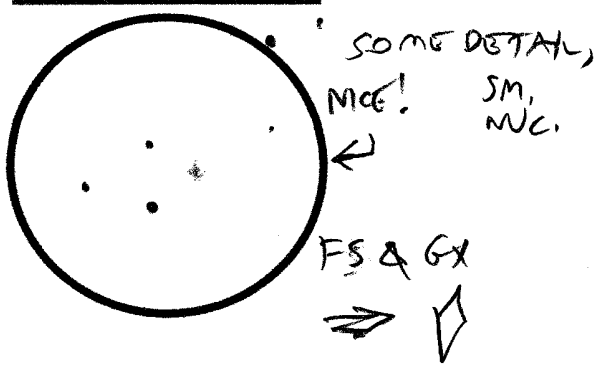
NGC 4787 + 4789



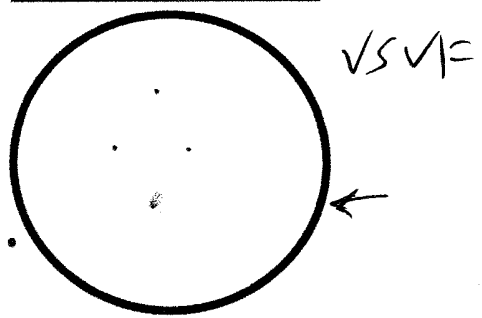
4788



N5092

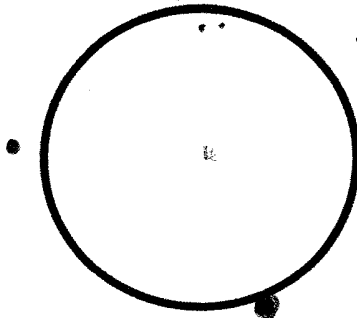


N5117



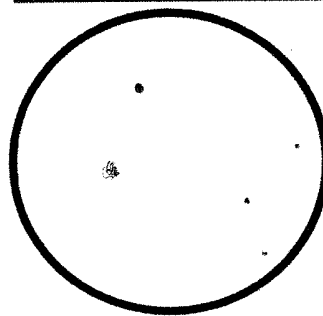
DATE=7/6/2021 TIME=5:20 OUT SITE= Aet C=II S=II SCOPE=22UC @ 240 X

N5259



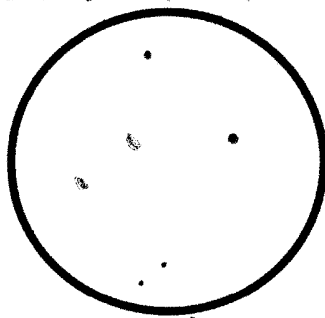
AV=2
THEN
M3

N5271



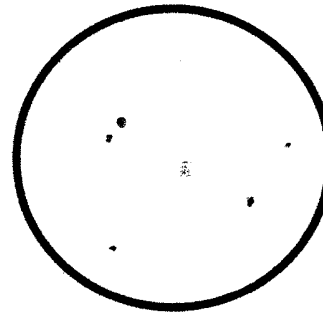
AV=2

N5274/517/80



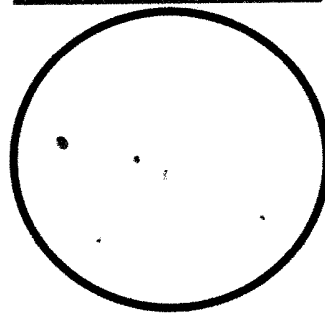
AV=3,4

N5282



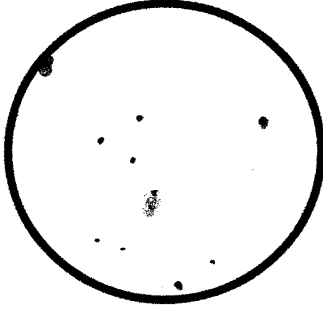
AV=2

N5287



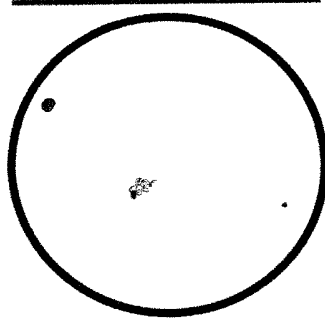
AV=3

N5375



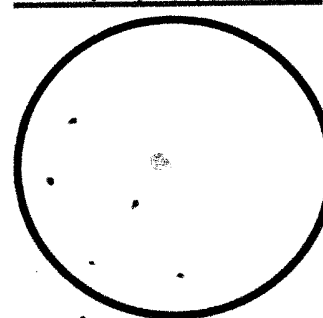
MCE!

N5396



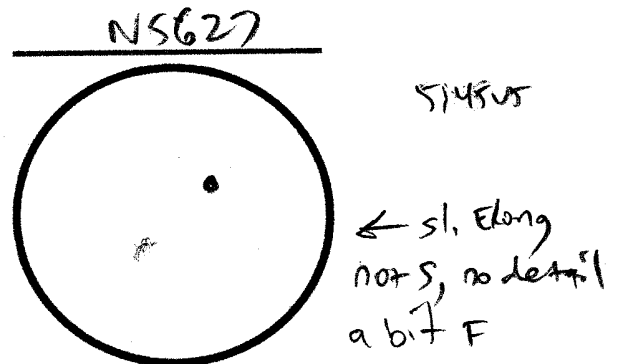
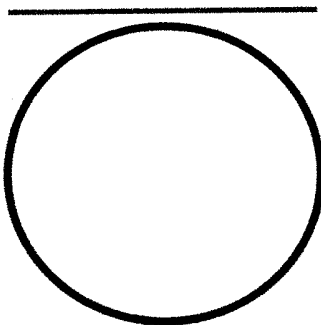
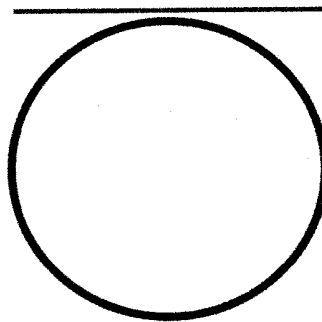
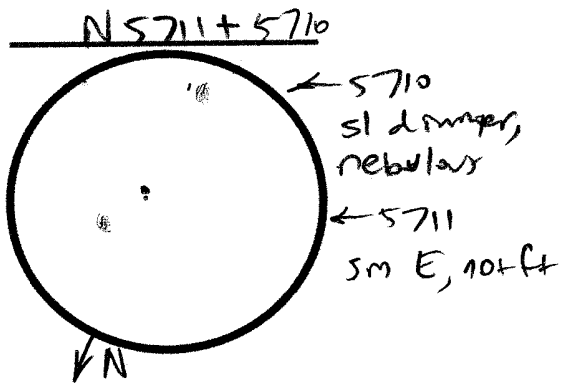
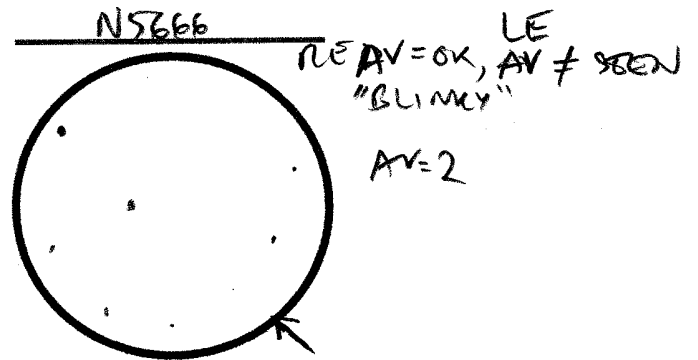
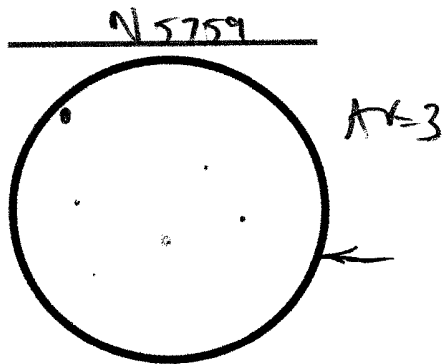
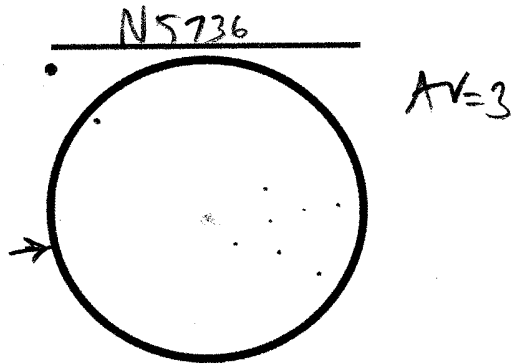
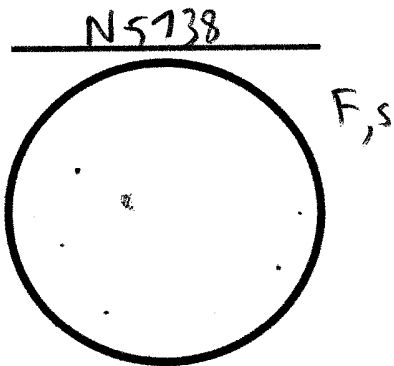
AV=2

N5498



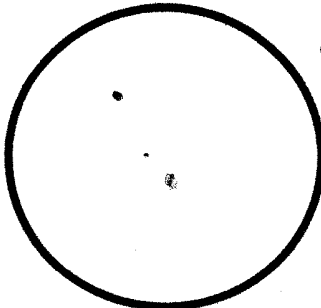
5:20 out
sl. oblong

DATE= 7/6/2021 TIME=545UT SITE= ACT C=II S=II SCOPE=22UC @ 240 X



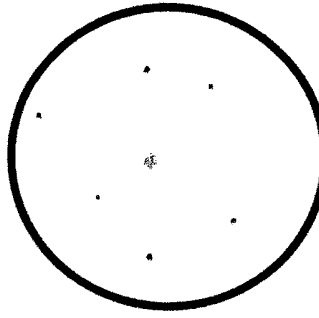
DATE=7/6/2021 TIME=⁶²⁰ UT SITE=Act C=II S=II SCOPE=22UC @ ²⁴⁰ X

NS267



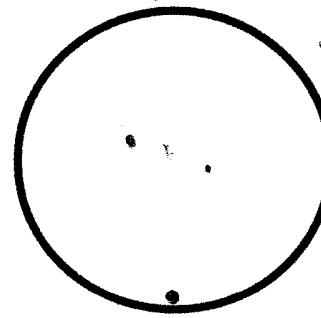
NS, a bit F,
sl elong
←

NS358



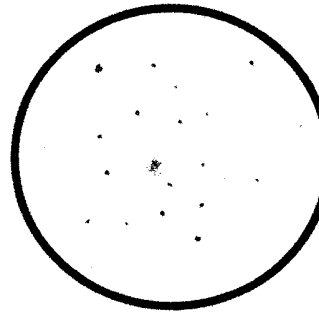
Hickson
68
← NS358
← VS, VF, prob
just nuc

NS439



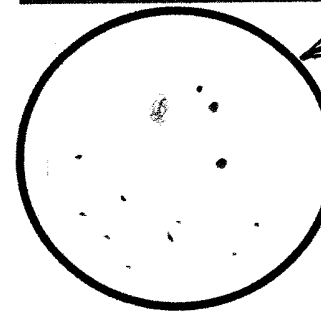
JUST A SMALL
GLOW
← AV=2

NG030



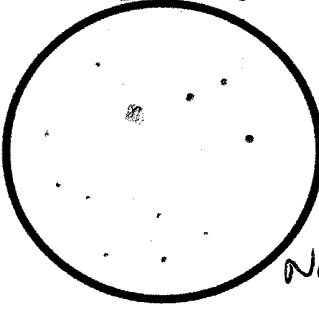
← S, R, F

NG035



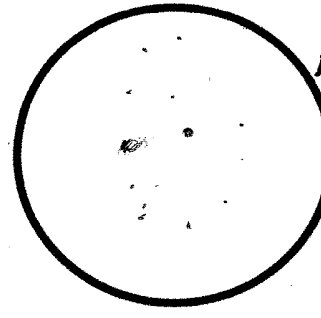
← R glow
hint of
nuc
not too F

~~NG032~~

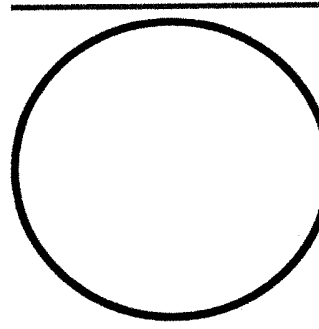


NOPE!
RAW
RIGHT BACK
TO 035
NG032 IS V, ELOW
STREAK

NG113



AV=3
Assoc
w/ FS

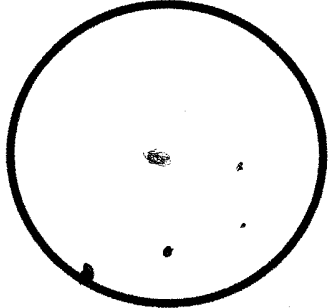


2140 J
x f
p

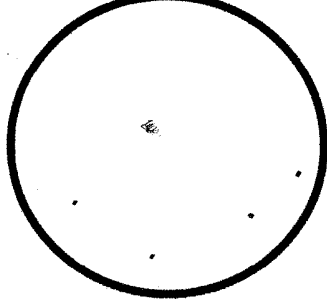
5700
@ 258 ↑ 2100 94/5
20

DATE= 7/14/2021 TIME= 2400 UT SITE= ACR C= III S= III SCOPE= 22UC @ 240X

N5726

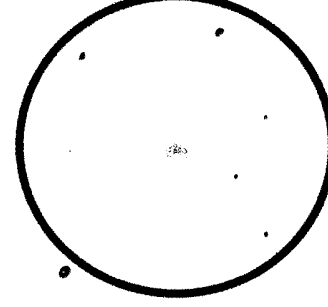


N5743

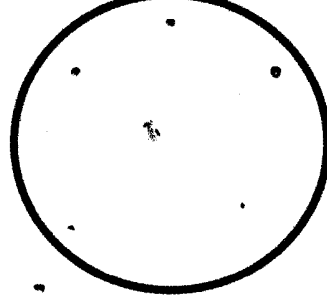


F, S, S1E

N5742

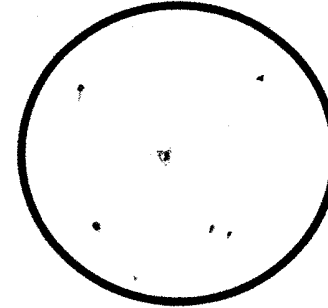


N5815

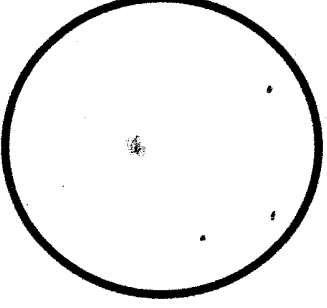


505 ↑
3167 8m
4657748

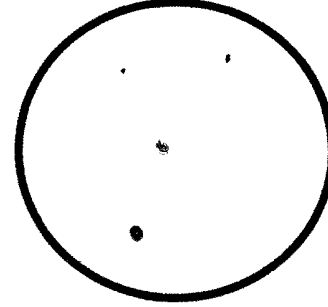
N5813



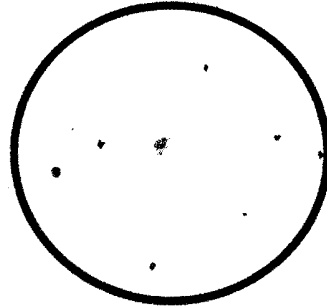
N4539



N5151

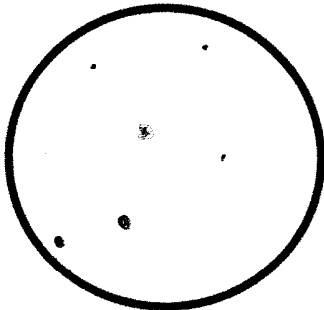


N5171

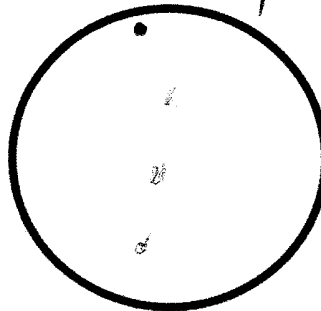


DATE=7/14/2021 TIME=3:40 OUT SITE=ACT C=II S=II SCOPE=22UC @24x

N5414

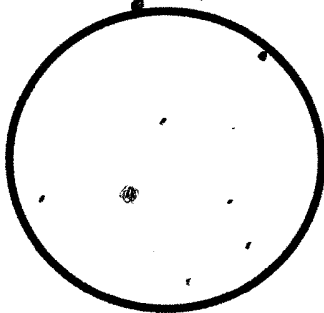


N5436/37/38

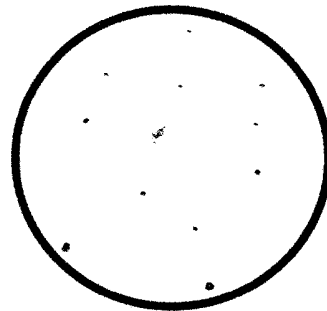


AV=2
CAN'T SEE
ALL 3 AT ONCE

N5692

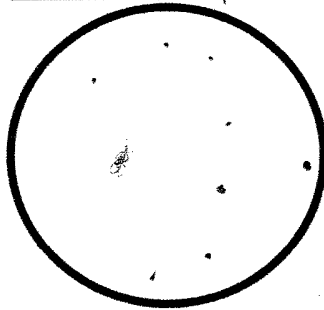


N5781



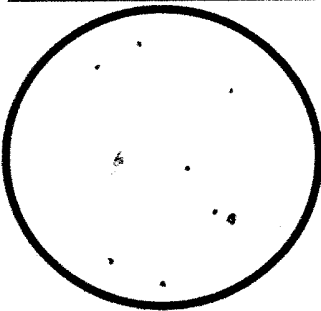
no 16m seen

N5809



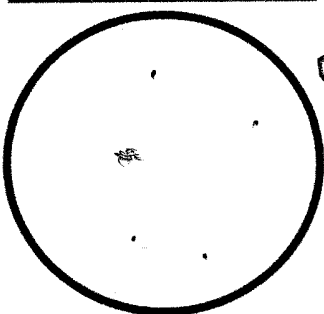
AV=2

N5816



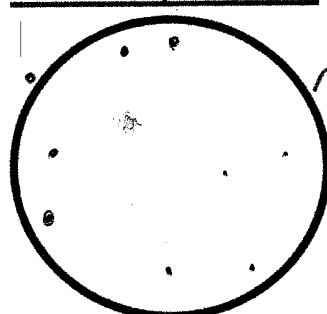
AV=2, smaller

N5890



E, can't
be sure of
PA
AV=3

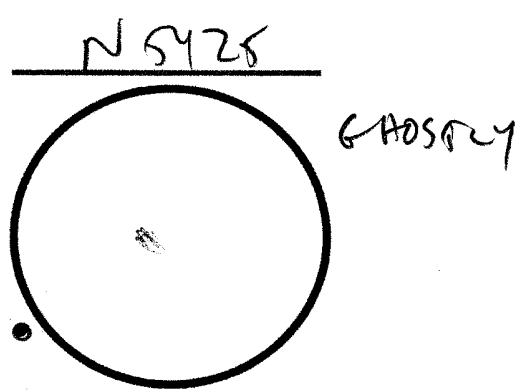
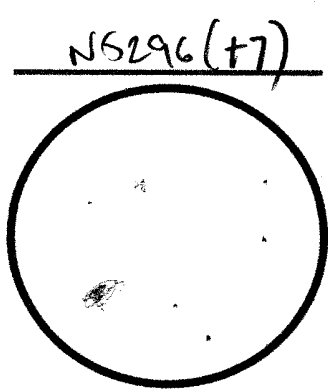
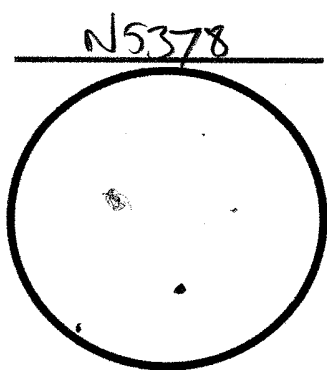
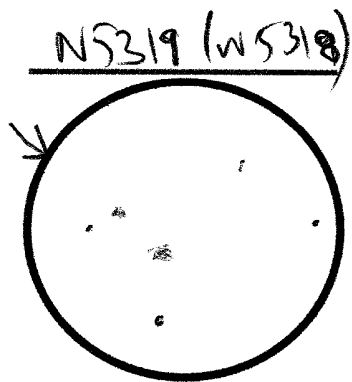
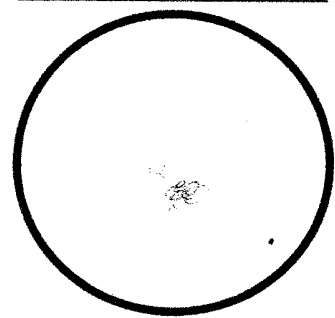
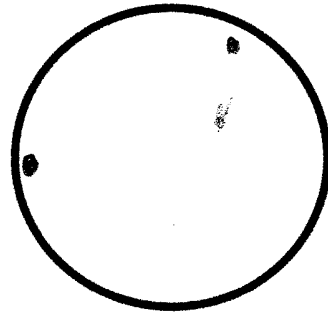
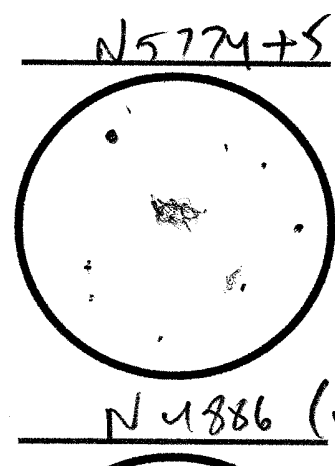
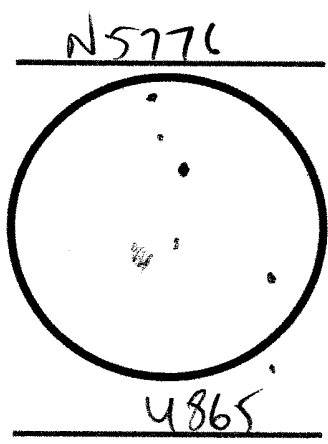
N5973



rice, & gr.
FS!

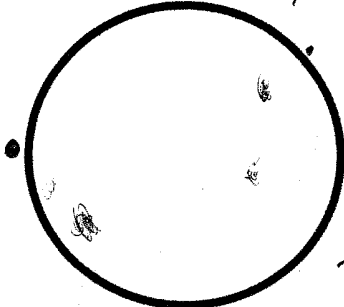
N5774
@ 42005
488480
10m

DATE= 7/19/2021 TIME= 100 UT SITE= ACT C=III S=III SCOPE=22UC @ 24x



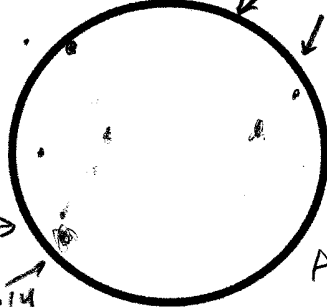
DATE=7/14/2021 TIME=510UT SITE=ACT C=III S=III SCOPE=22UC @210x

5603/38/01/5593



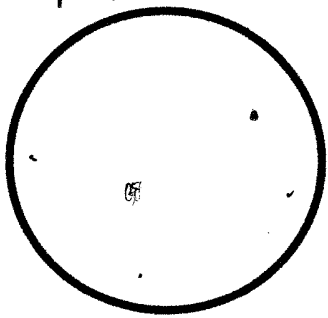
5603 R IS
SUSPECT
5603 & 5593
AV=1 5601
AV=3

N5615+13+09+14

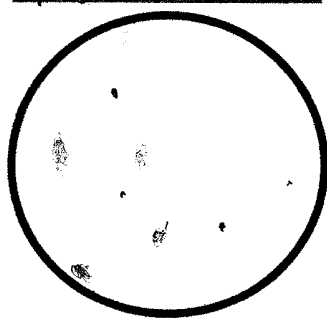


HOW MOSES!
ALL 4 FEET
ONLY EAST (N4614)
AV=1, ALL OTHERS
AV=3

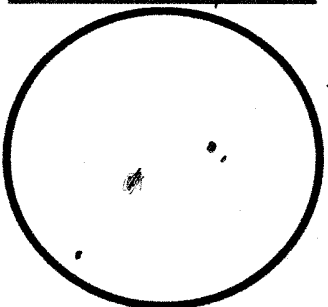
N5700



N5721-4

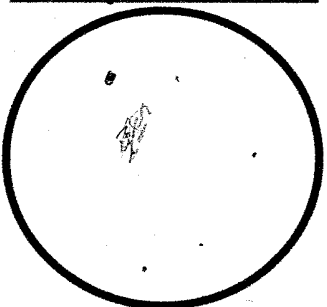


N5717



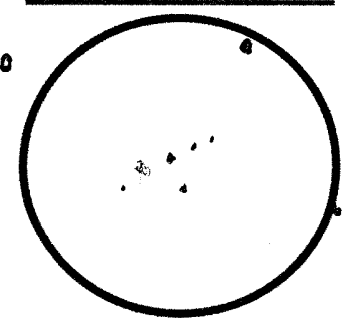
AV=2

N5772

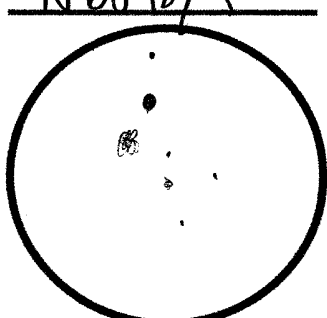


F, L, MB

N6061

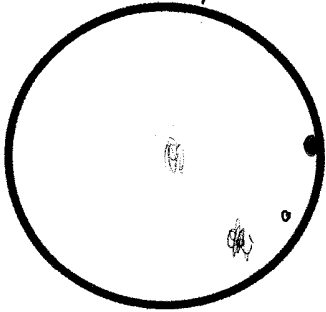


N6098/a



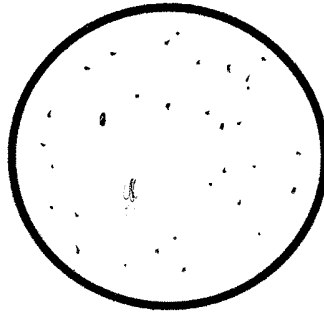
DATE=7/14/2021 TIME=6:10UT SITE=ACT C=III S=III SCOPE=22UC @24x

6224/5

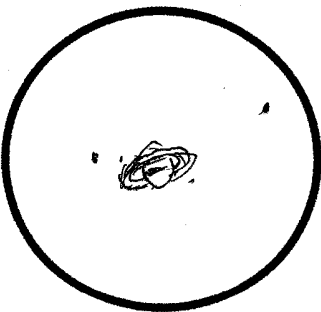


AV=3
Gassy,
slb

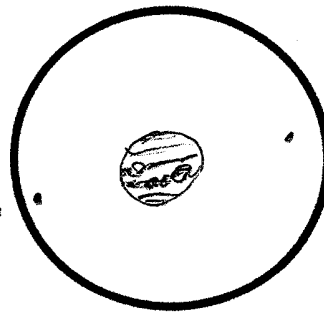
N6574



AV=4!

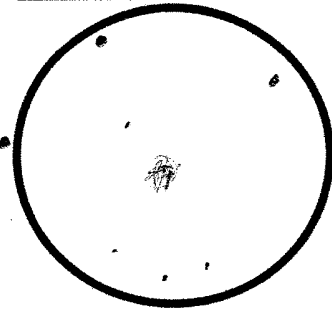


Wow
3+T?

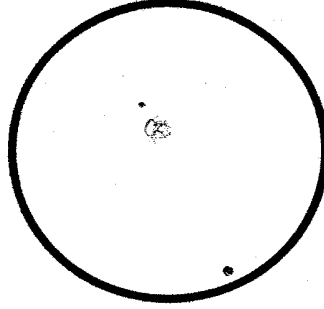


24

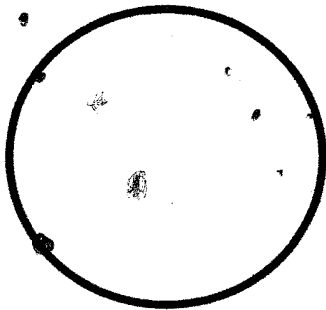
N5783



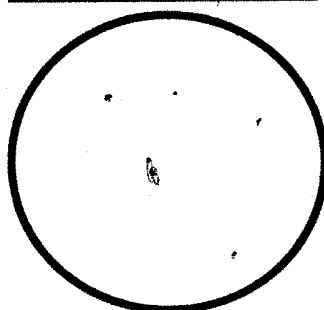
N6185



N6179 (w/6177)



N6427

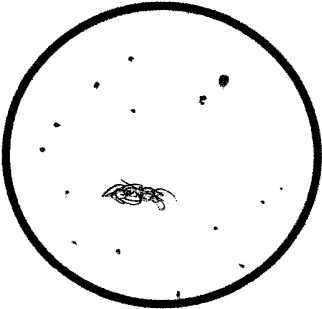


7:054

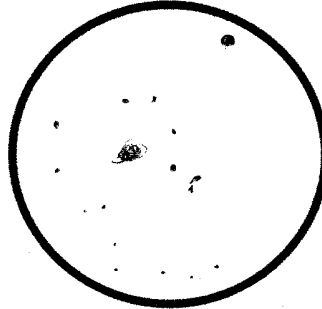
JAM
M10/N/12/M/102/5/8

DATE=7/14/2021 TIME=710UT SITE=ACT C=III S=III SCOPE=22UC @24OK

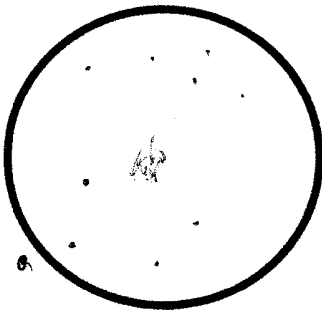
N6504



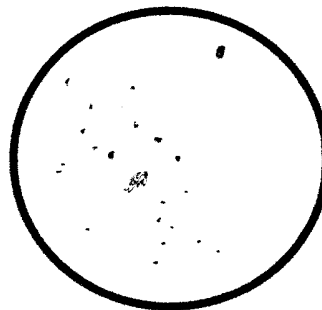
N6619



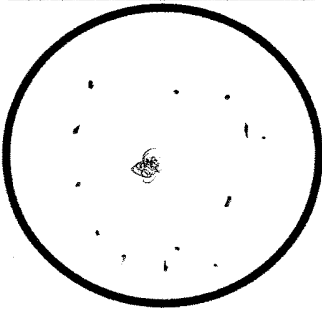
N6561



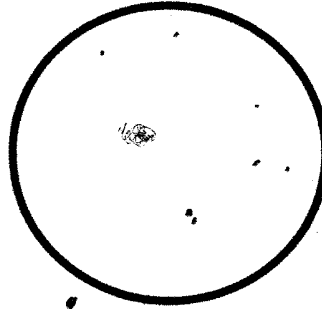
N6662



N6311

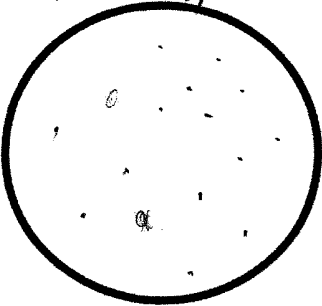


N6688

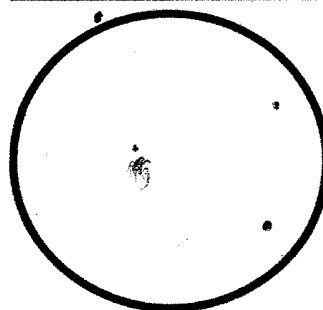


not S, F
221

N6349/6351



N6320

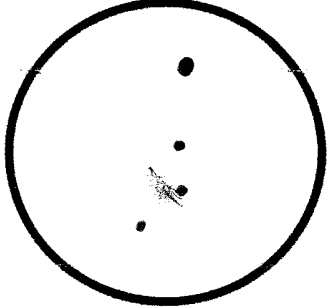


755UT

W/3" RL 8:40 (1 hour)
e1110 8:40 (1 hour)

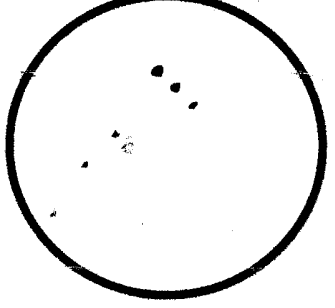
DATE= 9/9/2021 TIME= UT SITE= ACT C= II S= II SCOPE= 22UC @ 240x

N6240



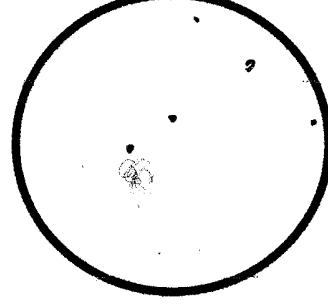
bar? Ave seen

N6240 6230

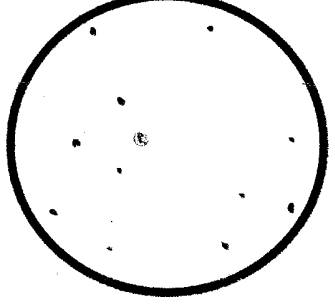


AV=2

N6234

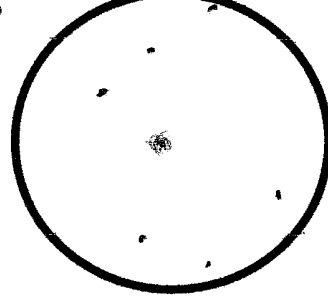


N6219



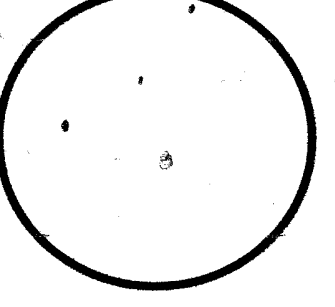
lots of FS

N6132



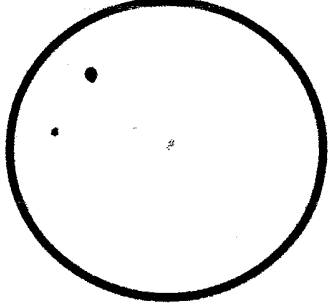
AV=2
gbm

N6034



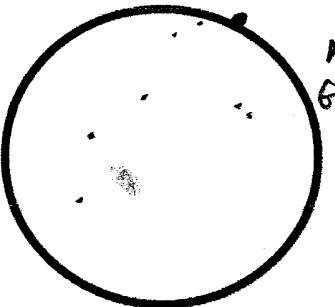
AV=3

N6046



AV=4
←

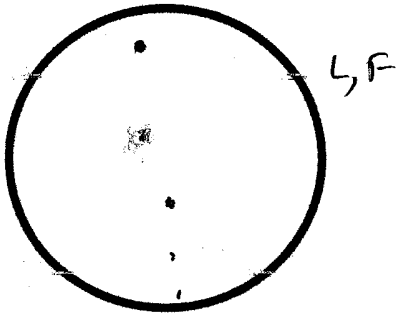
N6060



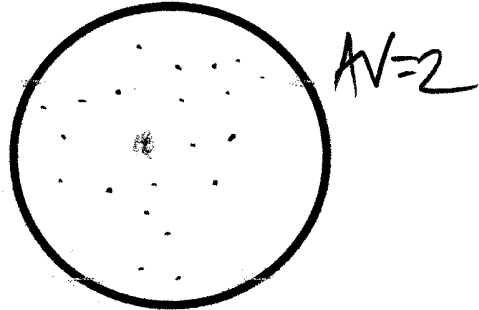
B: 10x
Not to F, L, even
grow

DATE= 9/9/20 TIME=^{to}640UT SITE=ACT C=II S=II SCOPE=22UC @240X

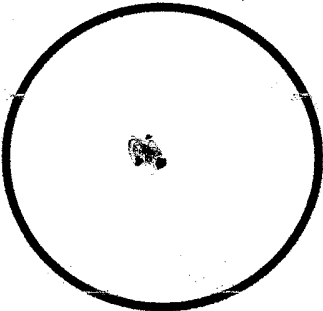
N6468



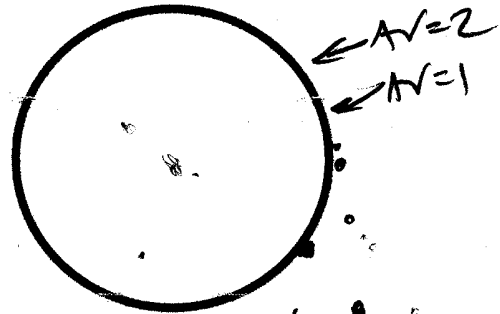
N6610



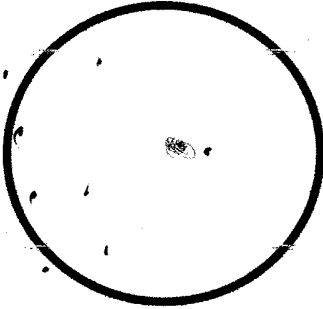
N6599



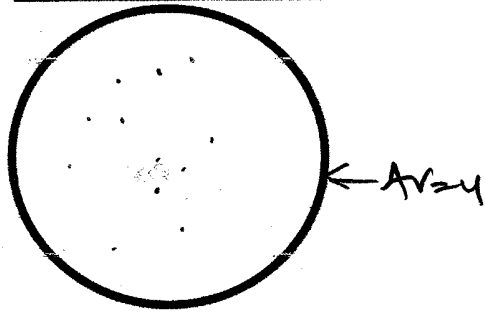
N6446+7



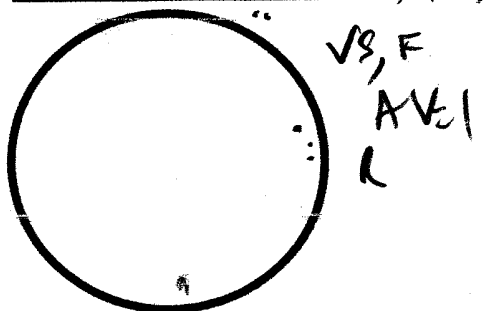
N6443



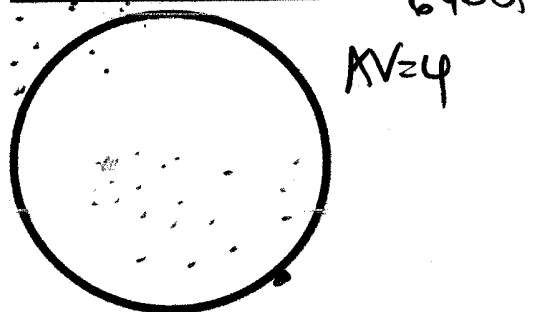
⁶⁴³⁰
N6446



N6665

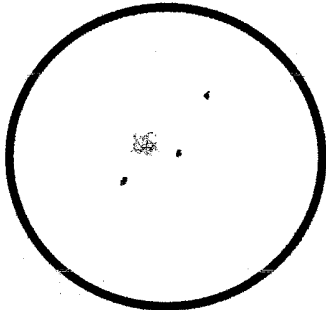


N6692



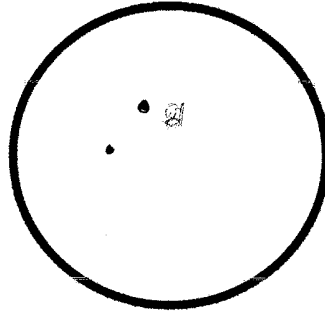
DATE=9/9/20 TIME=^{to}710UT SITE=ACT C=II S=II SCOPE=22UC @26x

N7603



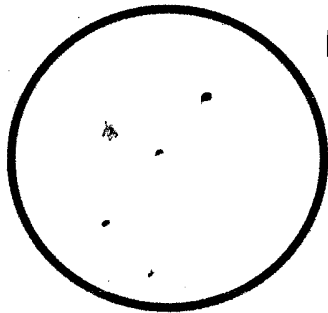
VF, not S

N7613



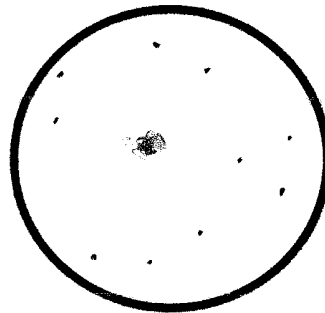
not that F
red size

N7629



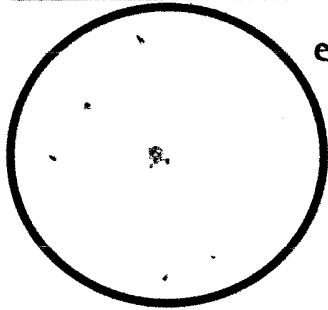
AV=3

N7642



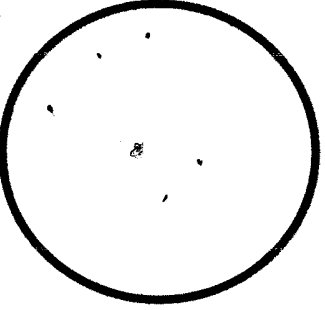
AV=4
but nice!

N7478



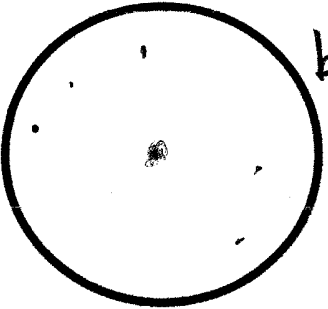
eF, S
near
VF F3

N7482



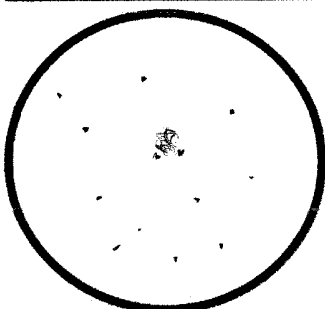
F, st

7483



bM shown
Est heavy
glow

N7381

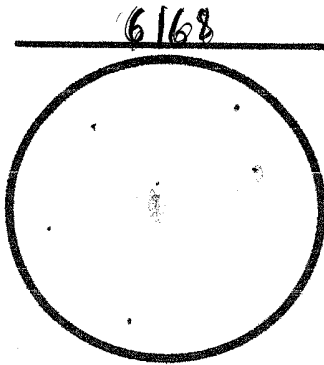


AV=1 but vae
st, S, F

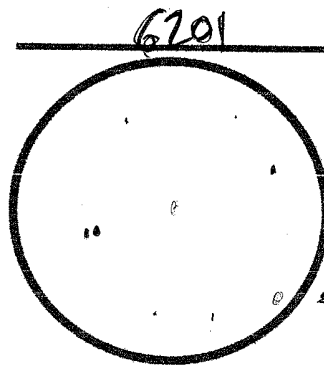
36.89784° -102.951978

OTSF 2021

DATE=10/2/2021 TIME=200 UT SITE=OTSF C=II S=II SCOPE=22UC @240X

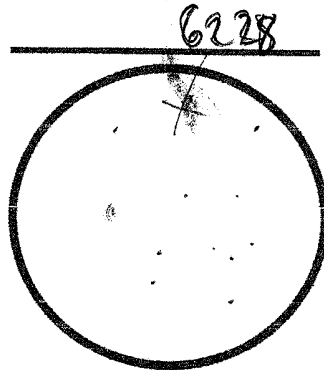


EEF
AV=2

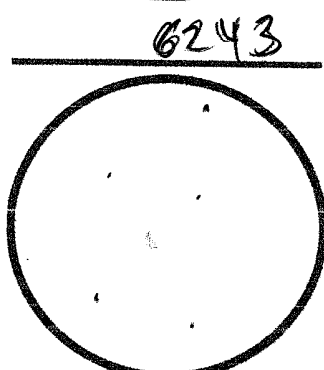


AV=2

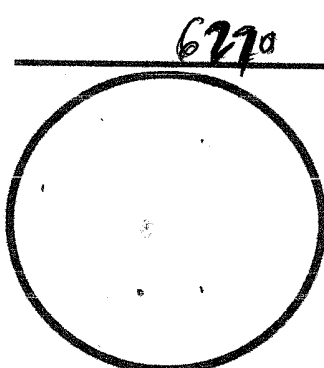
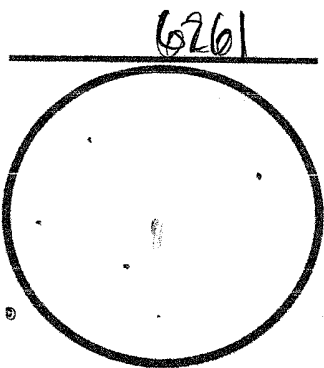
← 6203



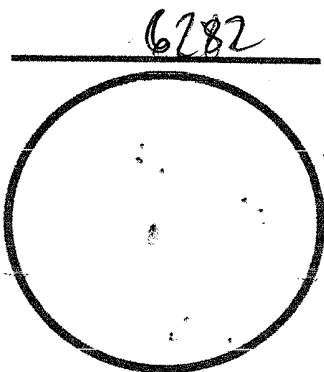
VFVS



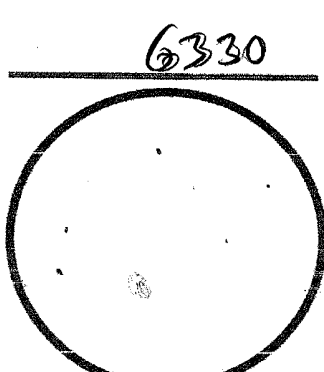
VVF



AV=3



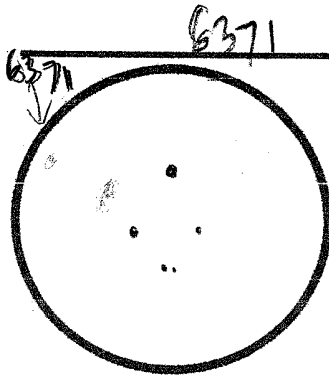
AV=1!



OVER, DIM

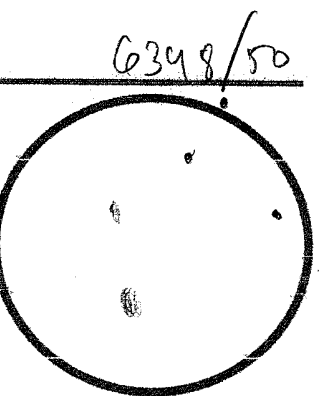
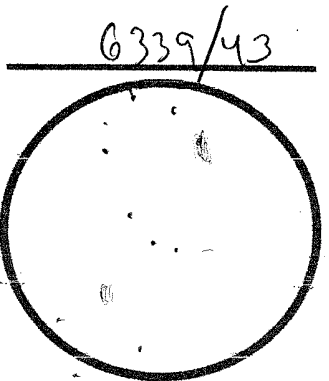
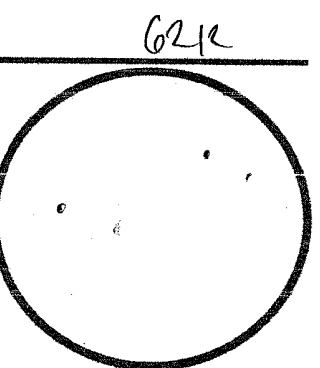
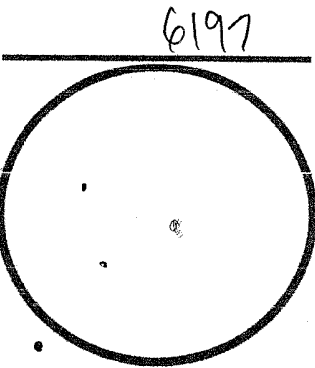
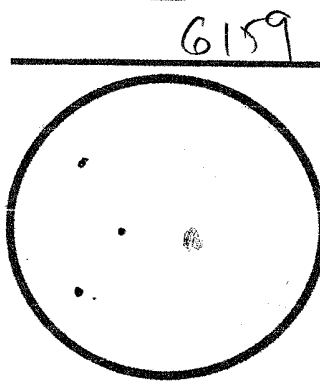
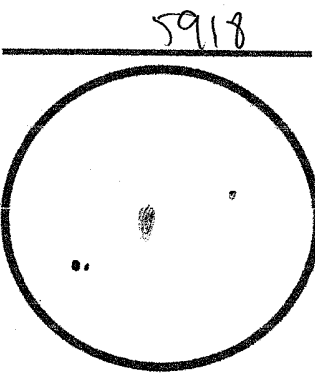
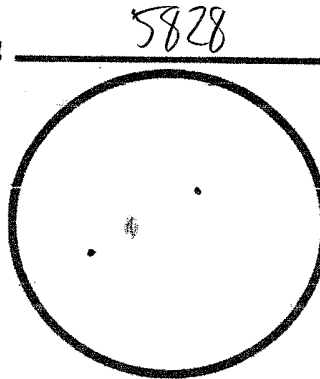
KIDS
→ LOST PHOTOS

DATE=10/3/2021 TIME= UT SITE= OT C= I S= I SCOPE=22UC @240X



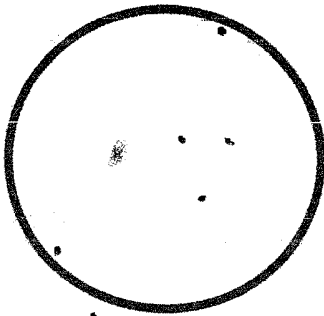
10/2/21

10/3

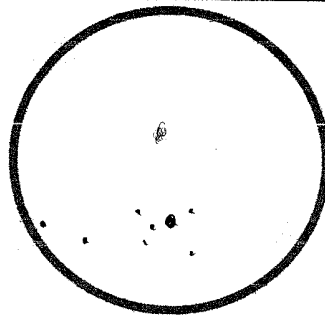


DATE=10/3/20 TIME= UT SITE=OTSP C=I S=I SCOPE=22UC @10X

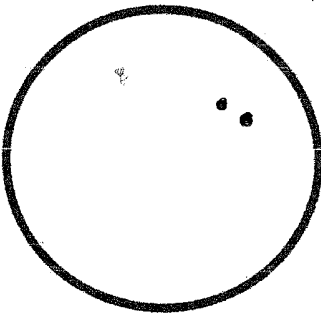
6363



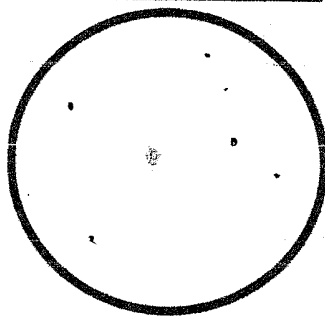
6367



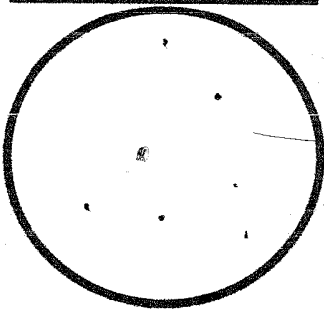
6409



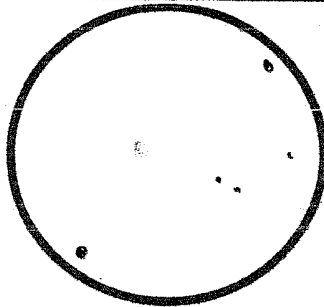
6336



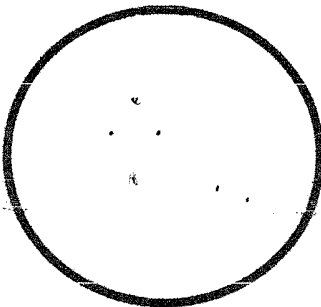
6332



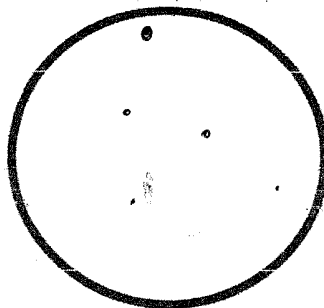
6329



6327

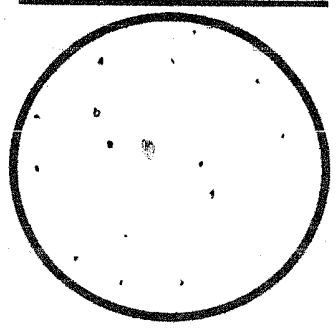


6323

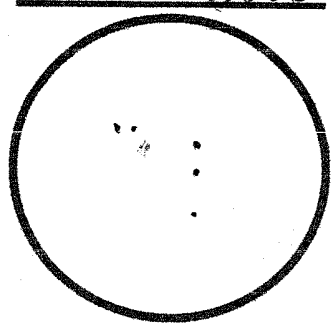


DATE=10/3/2021 TIME= UT SITE= OTSP C=I S= I SCOPE=22UC @240X

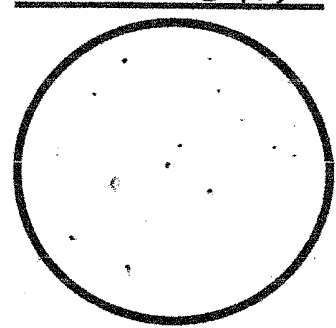
675



6860

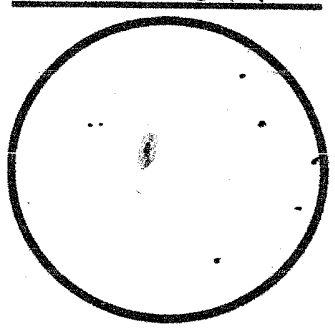


6783

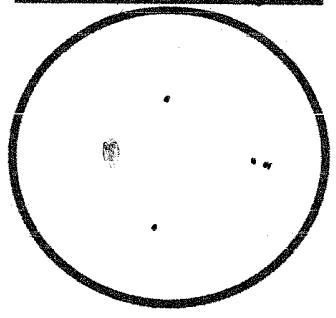


cf
AV=2

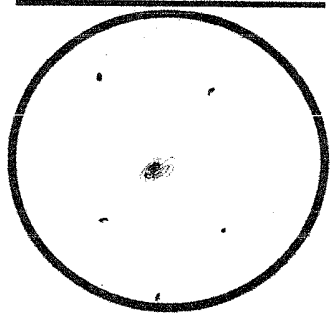
6792



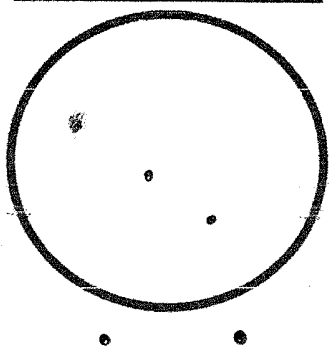
7256



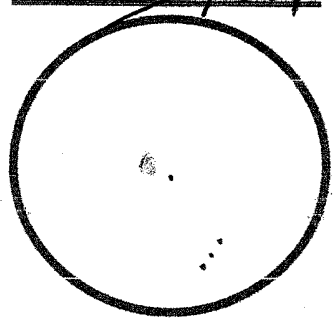
7258



7259



~~NFC 7287~~



10/3/21
4:35 UT
OTSP C=I
R, F, S gox S=I
w 2 lines
of 3 stars
in FS
22" UC
240X

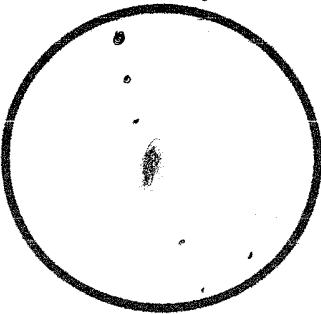
=ESO 533-30

537 ✓

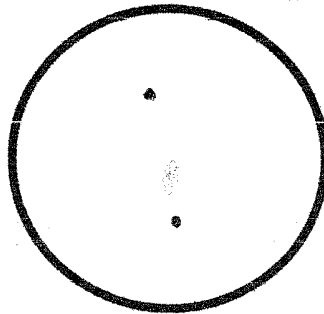
2242
-21%
4500
5145 ✓ →

DATE=10/4/2021 TIME= UT SITE= 031 C= I S= II SCOPE=22UC @ X

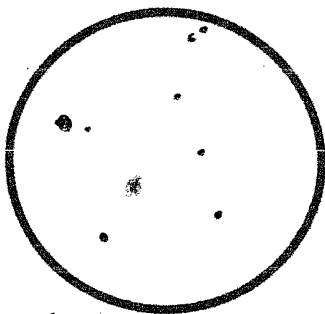
7310



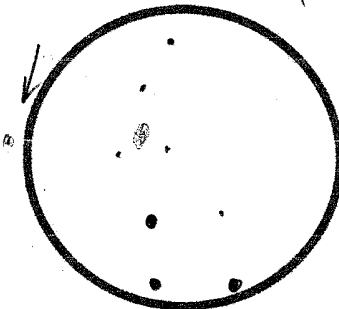
7349



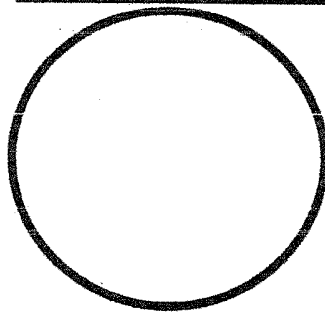
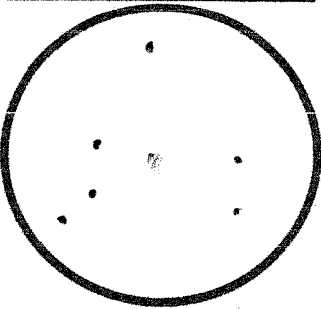
7359



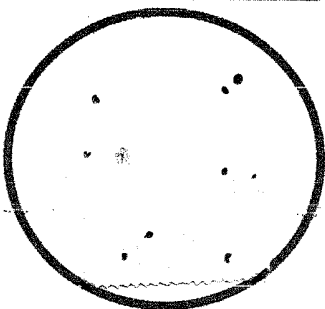
7494 7498



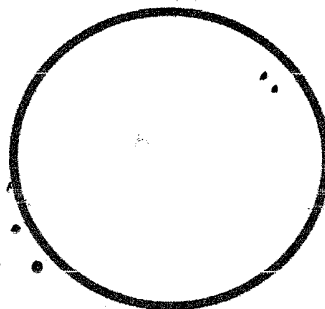
7573



7719



7758



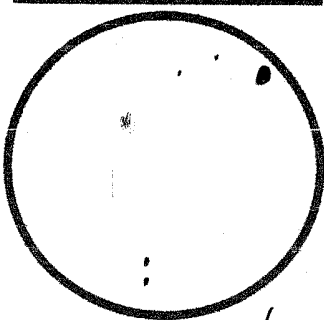
AS 155 →

-3 F New M31 75mg s(?)
48322 sl red

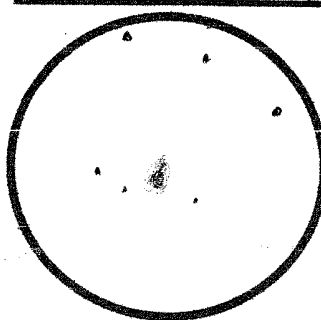
No
x
+1 →

DATE=10/5/2021 TIME= UT SITE= OTSP C=I S=I SCOPE=22UC @240X

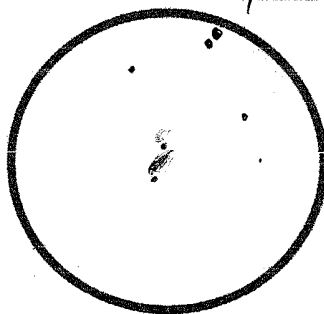
5923



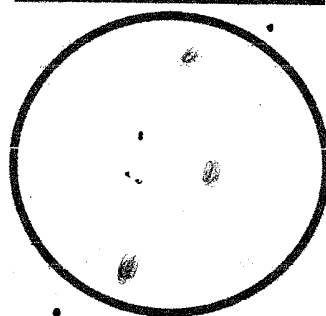
5929



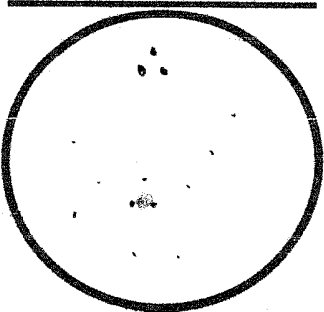
5934/5



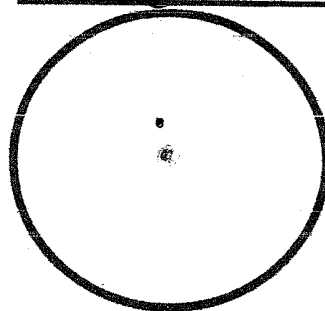
NGC 5943/45/47



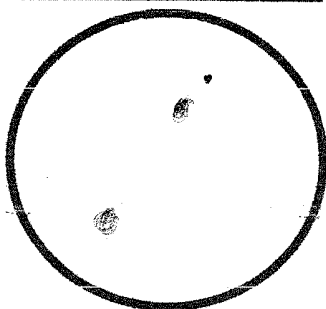
5950



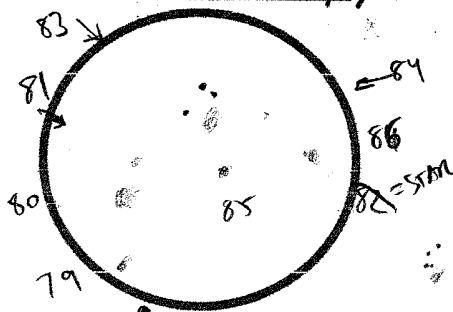
NGC 26



NGC 41/42



NGC 79/80-84/86/91/3/4

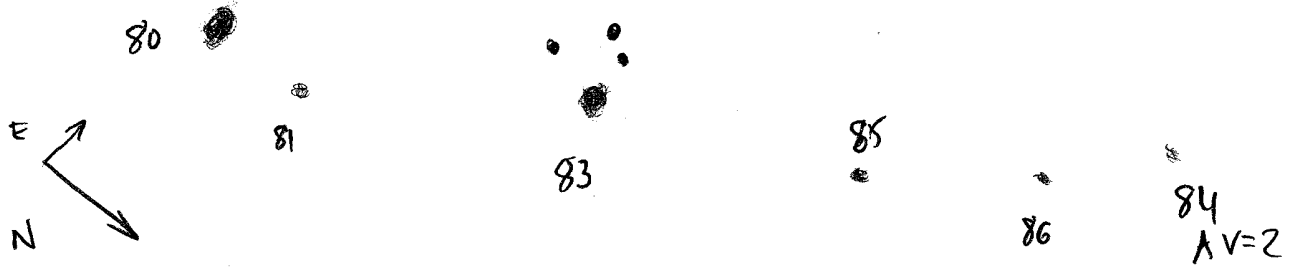


10/5/21 2:25 OTSP

C=I S=I

COMPARE TO IMAGE!!
22" UC 240X

SEE NEXT PAGE WIDE SKETCH FOR A →



NGC 80 GROUP

10/5/2021 OTSP

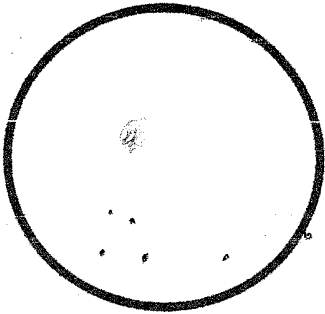
C=I S=I 22UC

240X 2:25UT

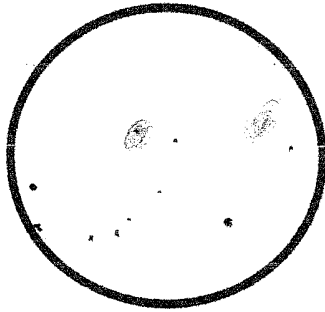
ALL IN 1 FOV,
BUT DID CENTER
EACH OBJECT

DATE=10/4/2021 TIME= UT SITE=OTSS C= I S= D SCOPE=22UC @24x

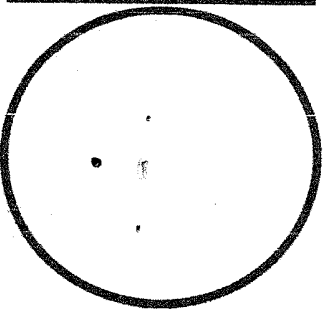
7102



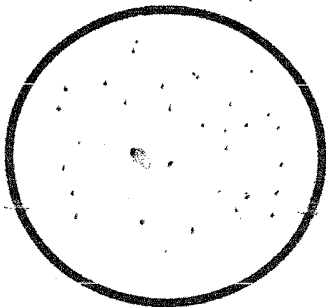
NGC 165+163



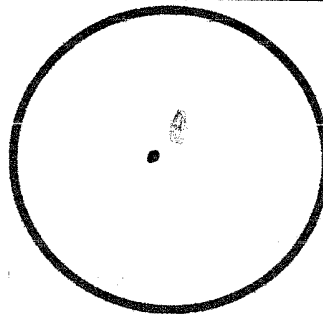
135



6916

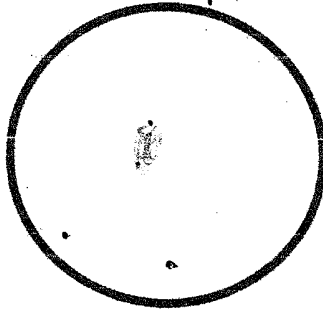


7441

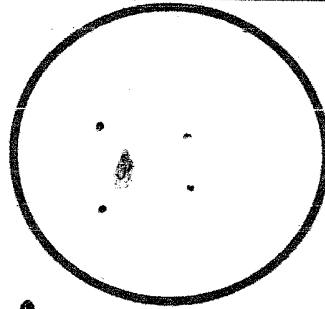


AV=2

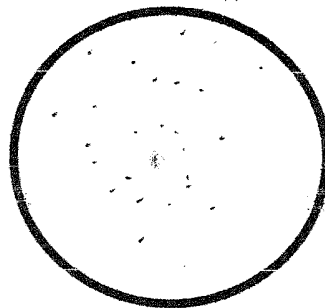
195



NGC 47

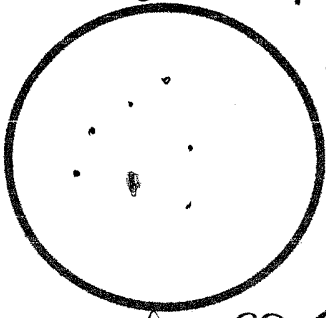


6949



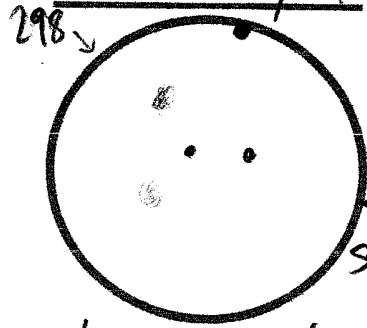
DATE=10/5/2024 TIME= UT SITE= OTRC=IS=FS SCOPE=22UC @240X

NGC 307



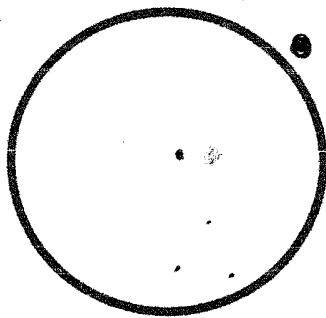
SL, BLANK
NOT FAINT,
S, J, OR L
F.S.

293/298



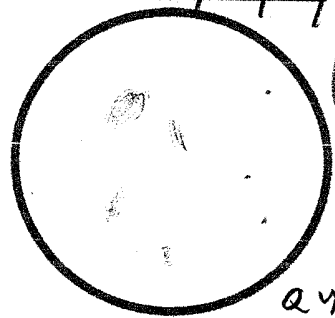
← BRIGHT, R
BOTH SEEM FAINT
← DIMMER,
STILL DIMMER

NGC 295



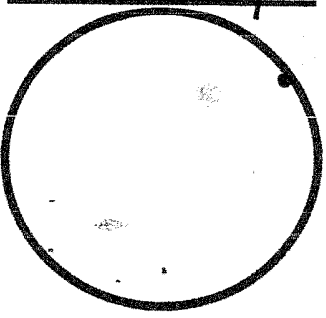
6 F.S.,
NO DETAIL,
R

NGC 321/25/27/29 SOME BLUR AND ANOTHER 4 STARS

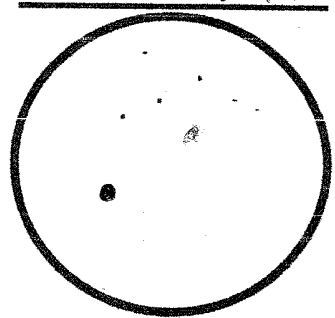


Wow!
1 BLANK,
2 ORAL,
INLAND, ALL
2 YR VISIBLE, SOME
DETAIL

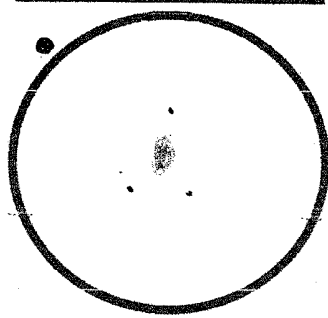
340/342



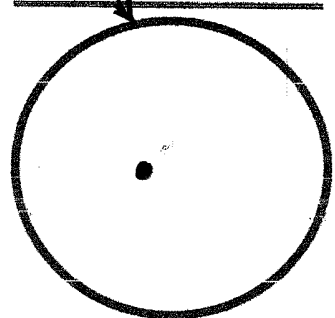
345



391



301

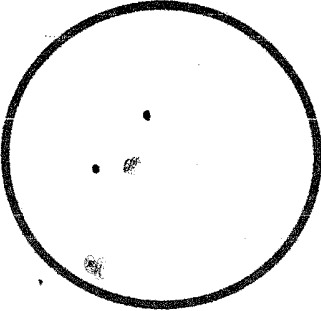


KV22

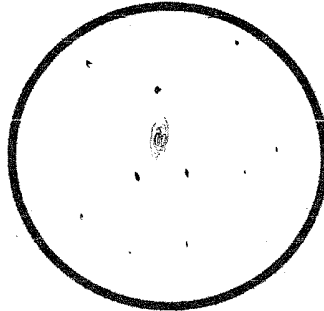
2 Amazon/MS
#1 T226 1x

DATE=10/5/2021 TIME= UT SITE=OTSP C=I S=I SCOPE=22UC @240X

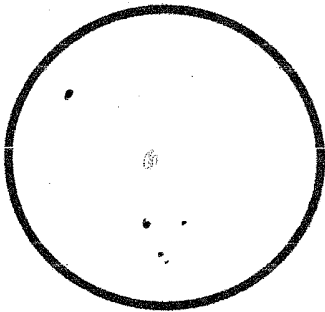
Nbc 34



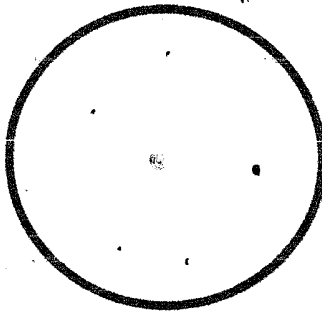
Nbc 63



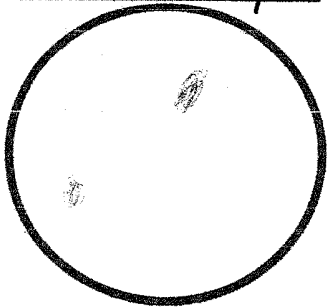
Nbc 75



117

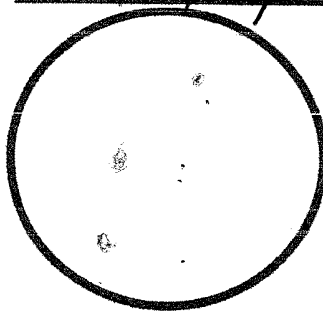


128/130

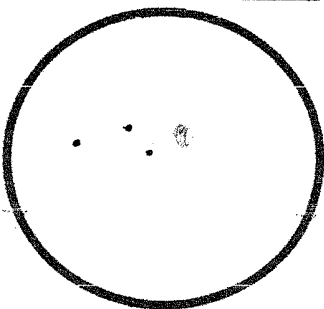


← 130

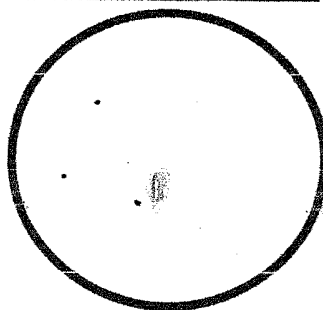
138/39/41



190



240

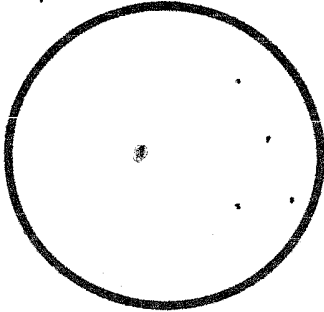


GEBENSCHEIN

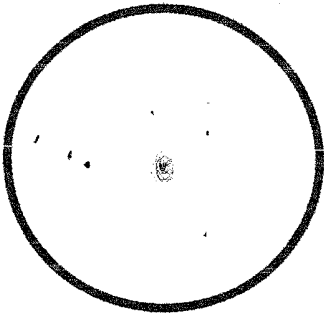
10063 6:05
1x/4m G x

DATE=10/5/2021 TIME= UT SITE=0731 C=I S=I SCOPE=22UC @240X

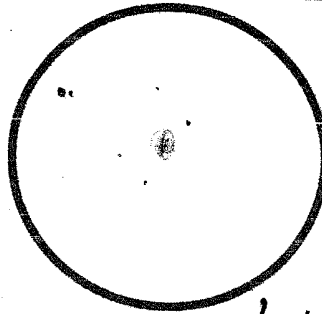
N6C 567



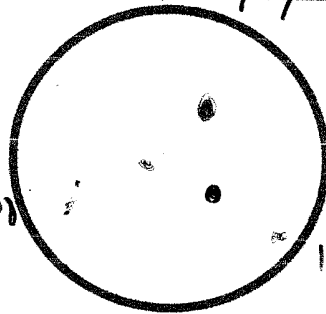
1019



1004



N6C 1007/8/9 & 1016

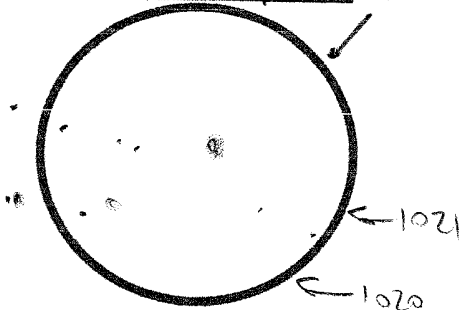


1016
1009

1001

1007

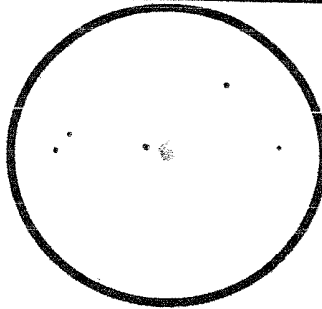
N6C 1020/21 + 1016



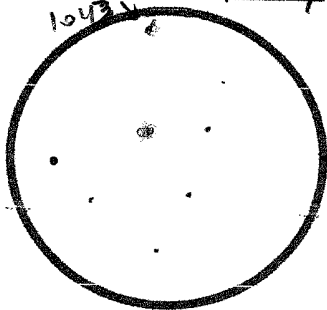
1021

1020

993

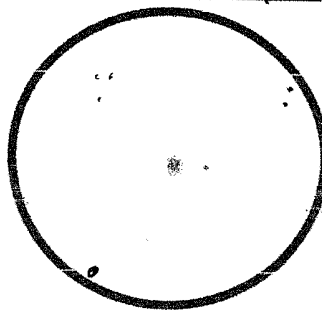


N6C 1038/43



1043

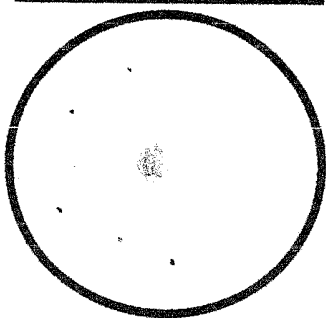
1137



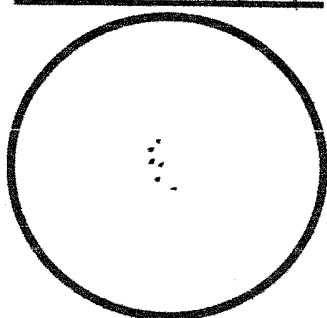
711 UT
157-12.1 → 1145
When old
is starting!
network!
6:58 UT
X +3
... get

DATE=10/5/2021 TIME= UT SITE=0T3P C=I S=I SCOPE=22UC @240X

1219

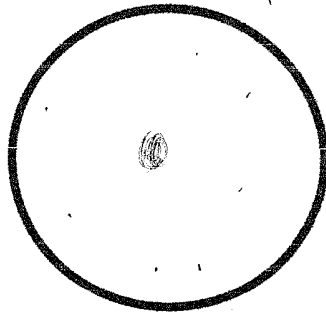


1724

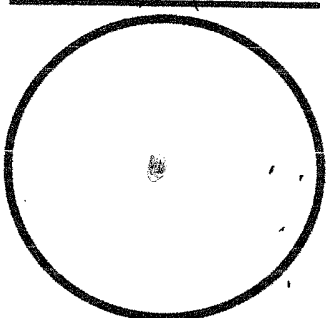


NO USB
OC

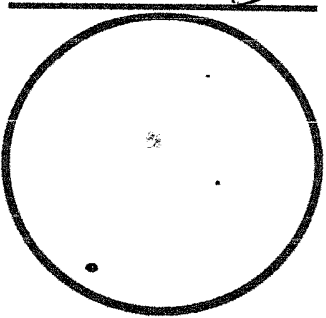
1218



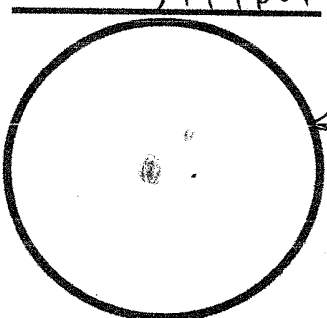
589



593

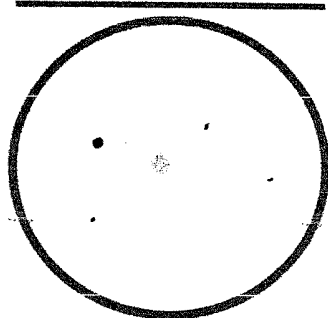


599+601

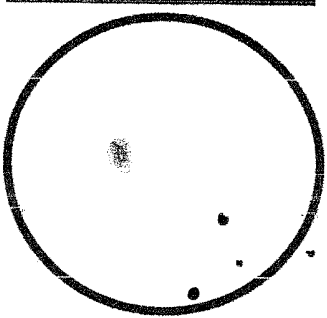


601

699



749



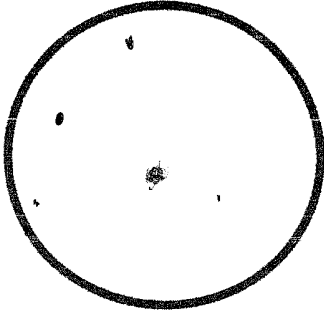
7530K

← 223 IX
LOW

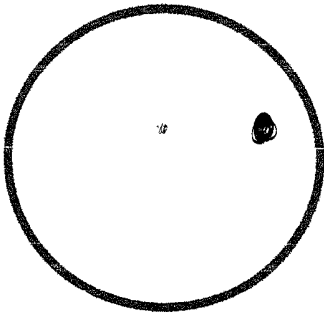
DATE= 10/5/2021 TIME=

UT SITE= 033P C= I S= I SCOPE= 22UC @240X

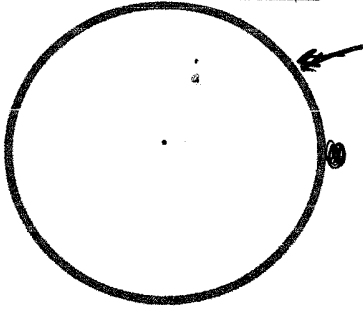
N6C 689



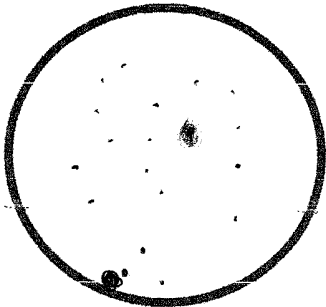
769B



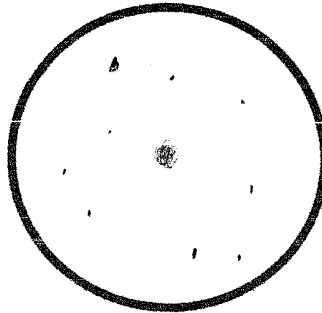
7324



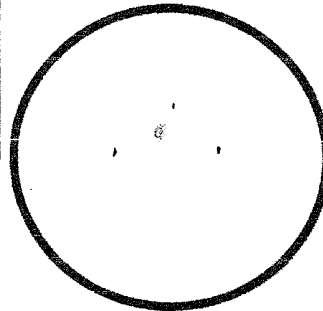
N6C 7292



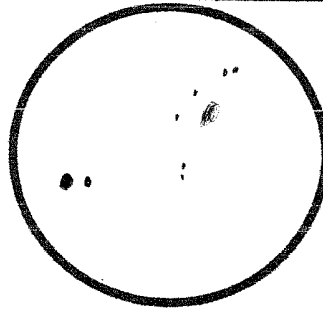
7224



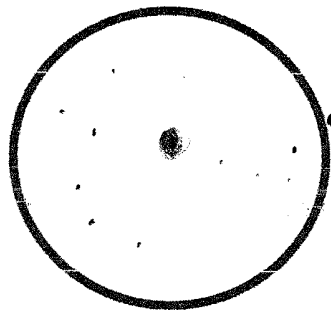
7746



7286



7303



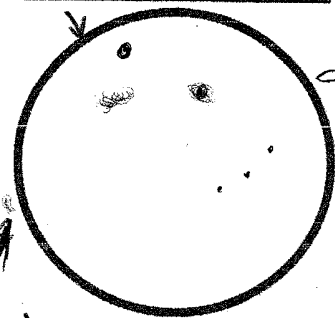
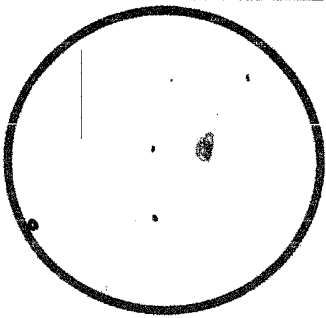
3m 81x
↓
R

0
← 3m 1x

DATE=10/5/20 TIME= UT SITE= OTX C=I S=I SCOPE=22UC @240X

NGC 7375

NGC 7463 + 7464 + 7465

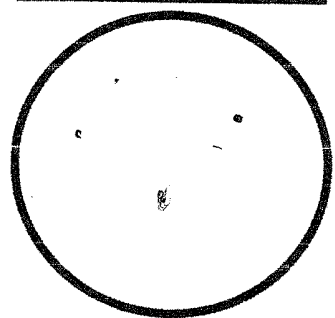
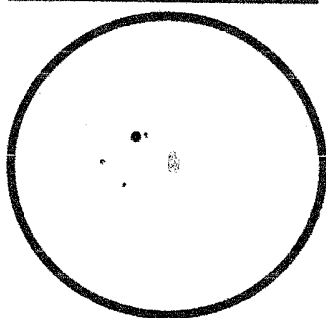


← 7464

7461

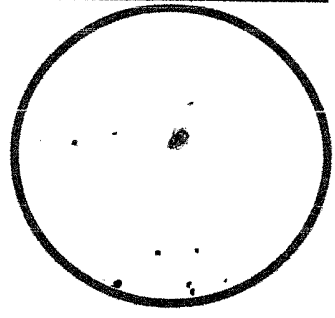
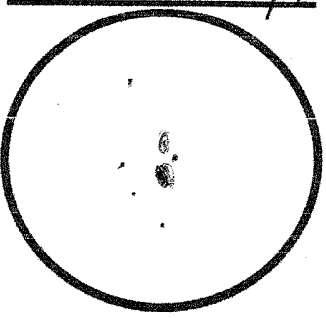
NGC 12321

7467



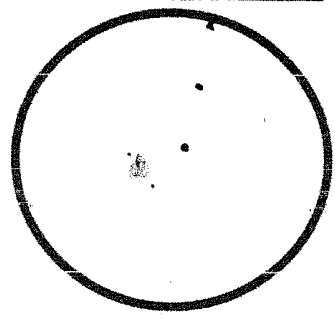
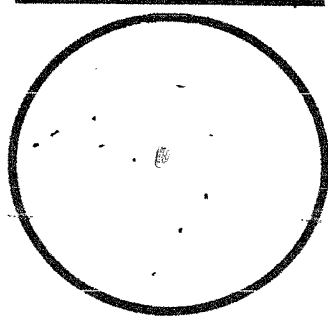
7474/5

7576



7539

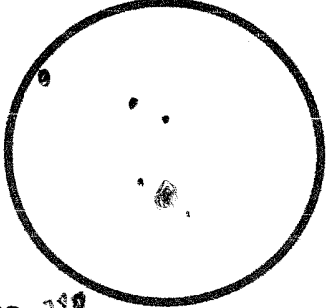
7489



10/5
851 . . . 471X

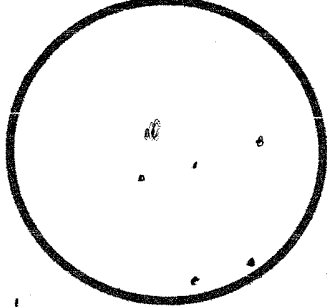
DATE=10/6/20 TIME=2:00 UT SITE=OTSP C=II S=I SCOPE=22UC @240X

NGC 848

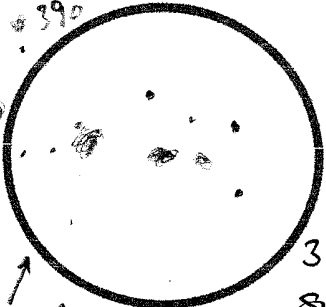


10/5 10/6
+

NGC 5



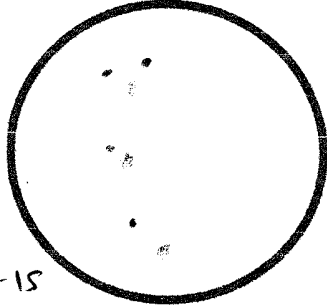
379³⁸⁰ + 381 + 382 + 390 + 384 + 385



★ NGC 379 = R, VF, VS
380 = " " BUT
W/D OF F.S.

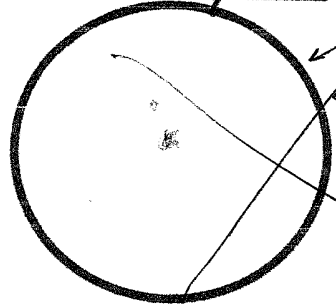
381 APPEARS ON
SIDE OF 382, WHICH IS
BRIGHTEST OF 3 MAIN
GALAXIES (W/384/85)

NGC 386-8



★
~~REVISIT~~ OK
VF, VS
BUT N POS.

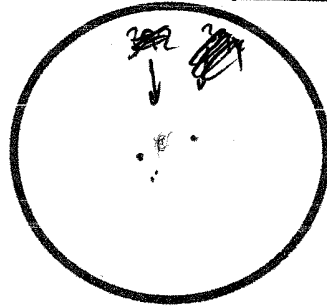
392/94



★
394
392
S, R, F
VS, VF

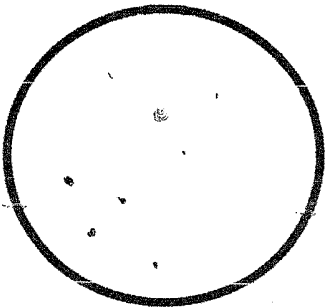
NO 397

NGC 397



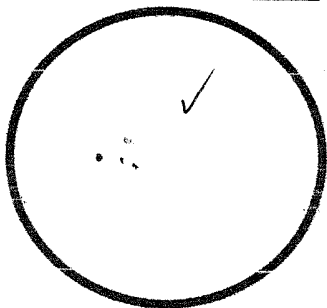
★ 374
BETTER THAN
393, F.S.
IN AREA

398



★ ✓
AV=2
VS, VP

399



★
AV=2
VF, VS

★ = NGC 379-399 RUN

→ SEE NEXT PAGE
FOR OVERALL SKETCH