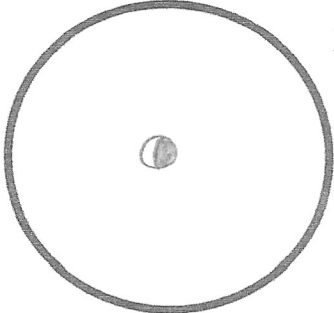


125 ut!  
← 10000 (2) ] THIS IS FROM

DID EX 210 CHALLENGE FIRST

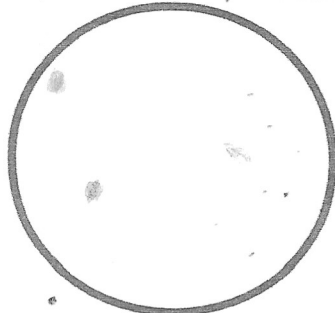
DATE=6/15/2023 TIME=3:30 UT SITE=ACT C=II S=II SCOPE=22UC @240X

+



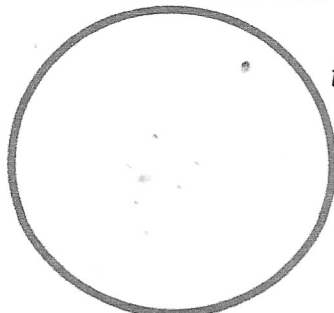
2:00 UT  
100X

M105 + N3371/3373



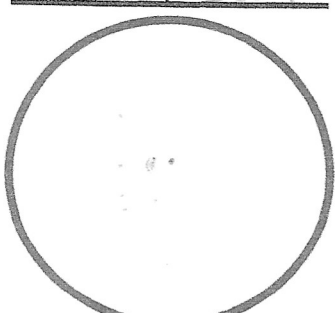
2 ELLIPS & ELONG FIRM WISP

N 3539 or 60



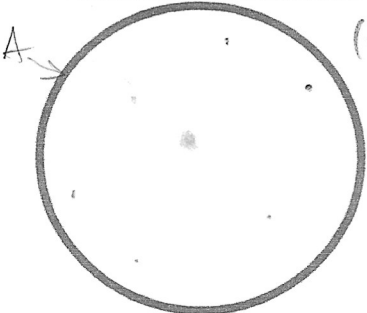
AT N END OR 1° LONG LINE OF FS  
R, F

N 3709



R, F, S  
NICE FLD  
↓

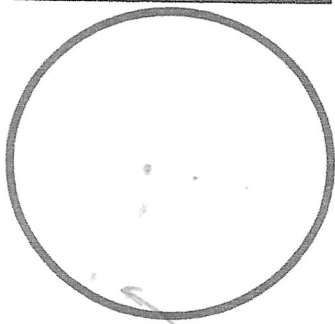
N 3245 + A



(WHILE ON WAY TO →)

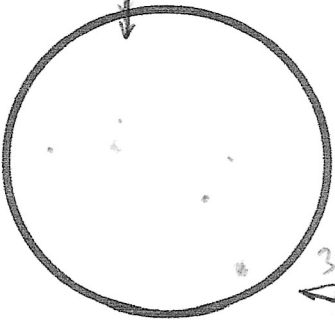
A = AV = 3

N 3232 + 3234 or 5



BOTH  
AV = 2

N 3272

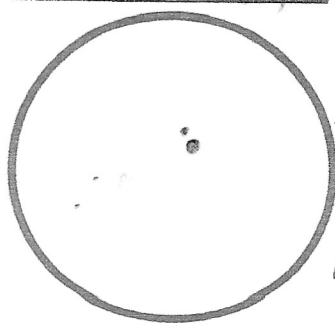


R, S, F

3277  
R, not F

N 3287

4:00 UT

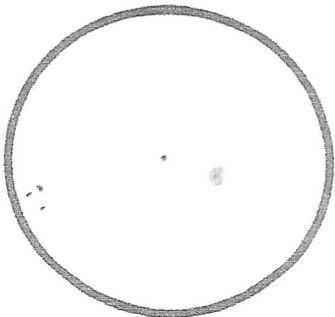


← g-b EXCIDENT  
← Y DBL!

R, L

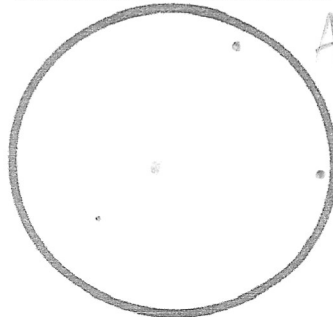
DATE=6/15/2023 TIME=405 UT SITE=ACT C=II S=II SCOPE=22UC @240X

N 3352



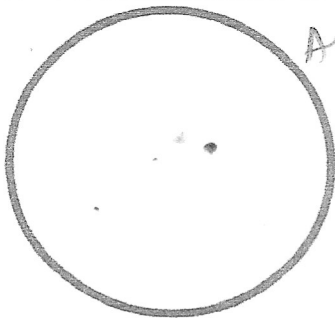
NICE,  
ES(?)  
ON EDGE

N 3536



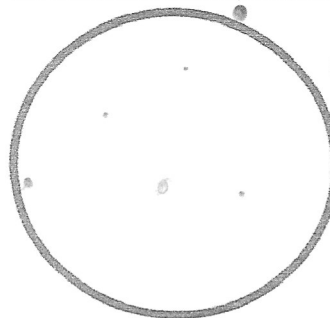
AV=3

N 3743



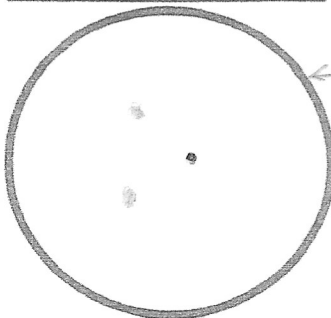
AV=3

N 3764



AV=2

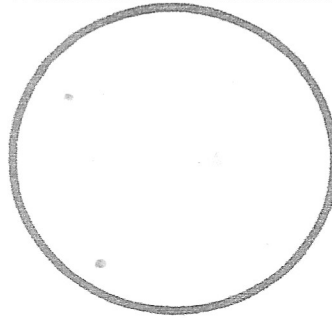
N 3806



← 3803

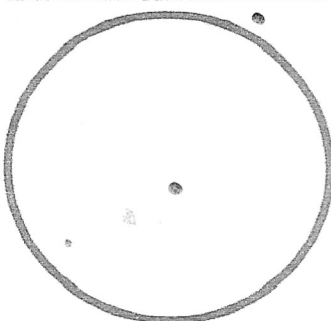
← 3806

N 3816



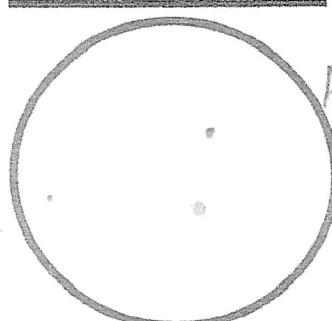
nearly blank  
fid - but AV=1

N 3827



AV=2

N 3840

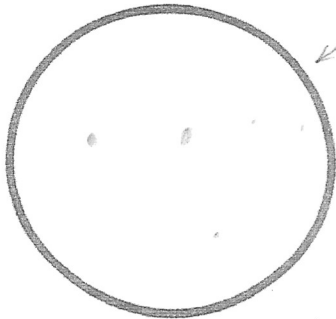


AV=3

4:40 J5

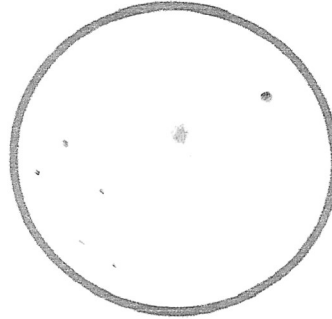
DATE=6/15/2023 TIME=445 UT SITE= ACT C=II-S=II SCOPE=22UC @240X

N 3853



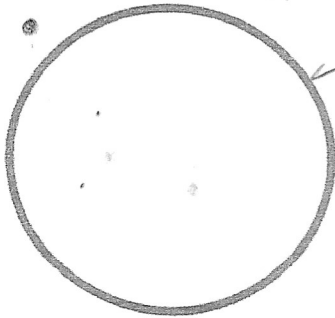
sl. elong

N 3861



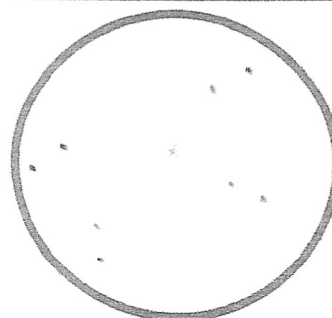
R, F,  
near 6 FS

N 3867/8



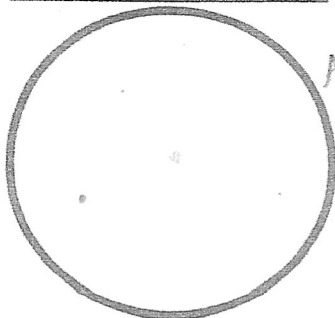
← 3868  
AV=3  
← 3867  
brighter

N 3886



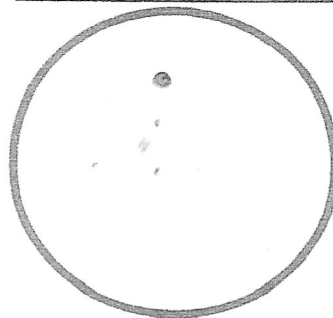
FS are  
wonderful!  
←  
4 wide pairs

N 3919



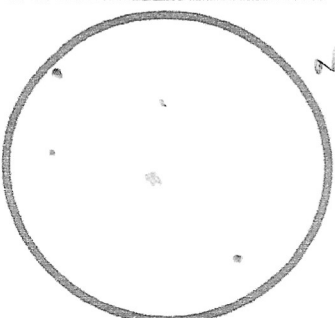
AV=2  
R, S, F

N 3943



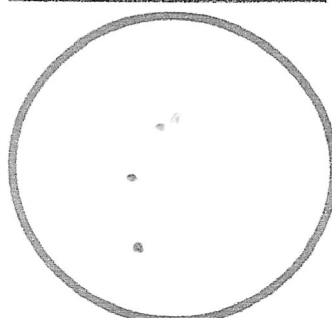
nice FS  
R, F

N 4014



nice!  
elong, no  
details

N 3964

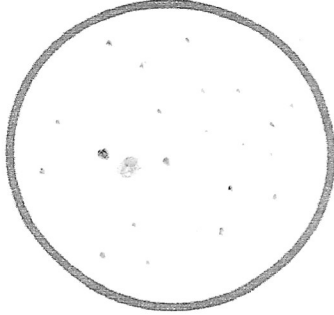


size 20 vt  
R, F

IK  
53023  
Site

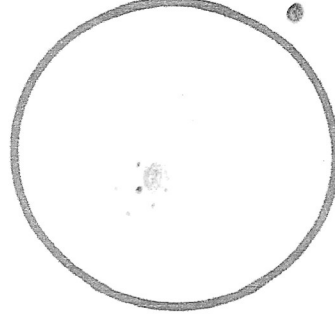
DATE=6/15/2023 TIME=525 UT SITE= ACT C=II S=II SCOPE=22UC @240X

N 5495



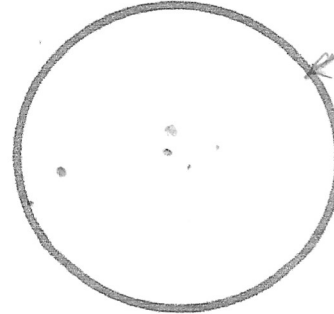
L<sub>y</sub> between  
2 FS  
not dm

N 5584



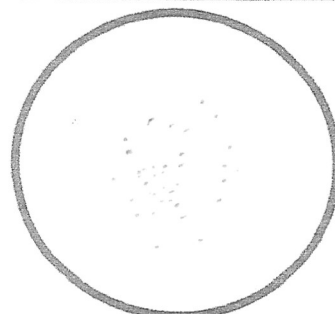
even bigger  
w/several  
FS

N 5632

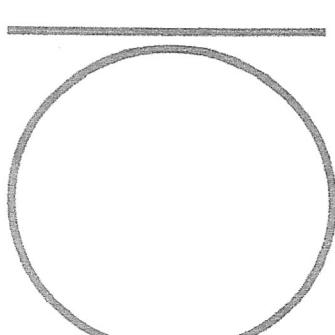
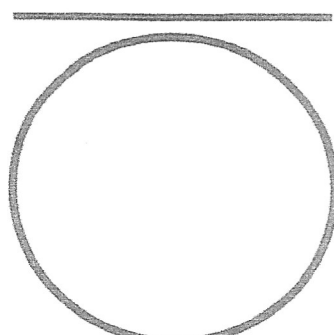
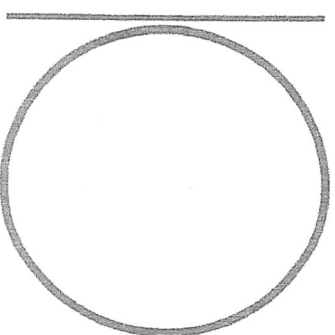
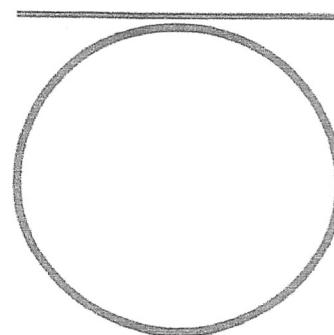


5m, dm  
AV=2

N 5993



100X  
R but F  
small  
in rich  
area



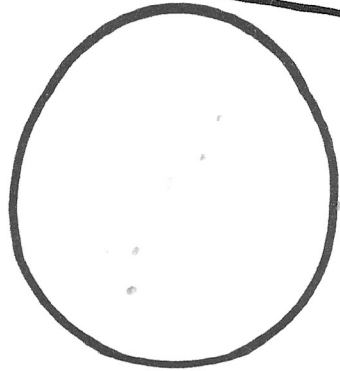


DATE=6/15/2023 TIME=2500 SITE=ACT C=I-S-II SCOPE=22UC @240X

just 1x  
= 1 inner bin. br-y  
of L.F.

1x -35  
240x  
our 800  
L = -3  
~30s

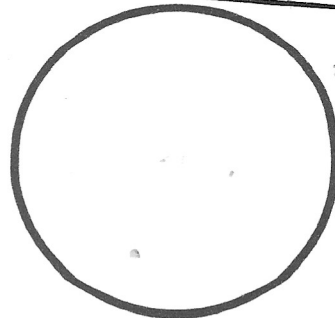
N 3337



VF, R, S

← AV=3

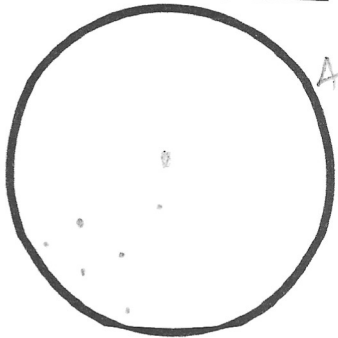
N 3341



AV=3

NEAR FS

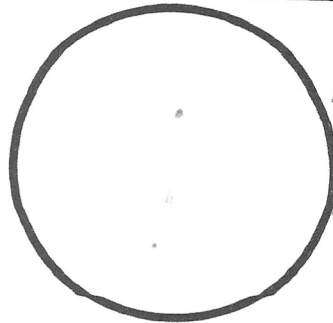
N 3342



AV=3

←

N 3349

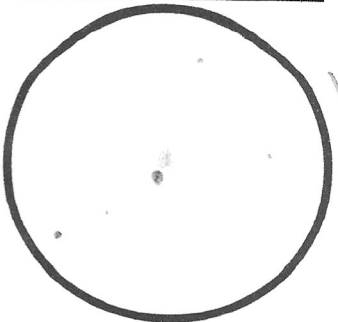


AV=4

WF, stellar

←

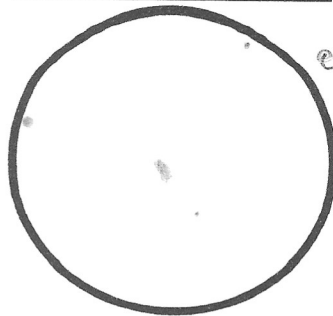
N 3032



VL, VF

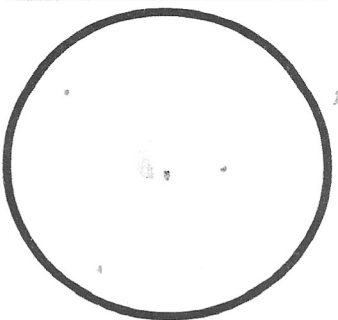
NEAR FS

N 3098



elong, not F

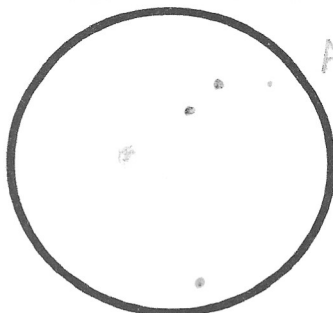
N 3221



AV=4

L, eF

N 3251

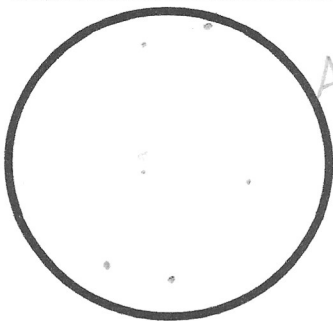


AV=3

L, F

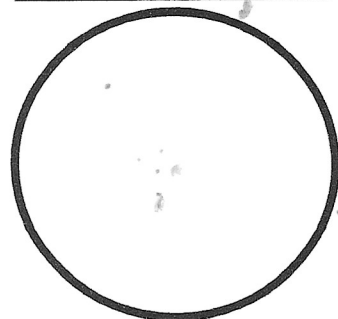
DATE=6/15/2023 TIME=335 UT SITE= ACT C= I-S= II SCOPE=22UC @240X

N3326 (2:45 seen 1st)



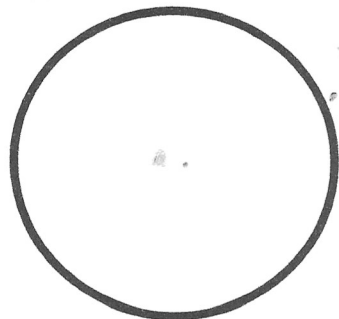
AV=3  
VS, small av

N3405/3399



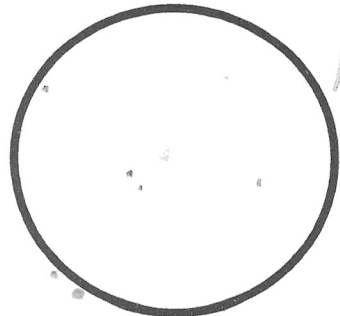
← 3399  
← 3405  
w/str

N3363



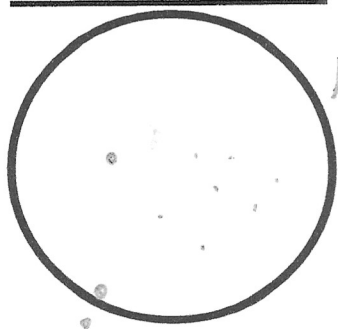
remitted  
3352  
white  
near  
(see last night)

N3426



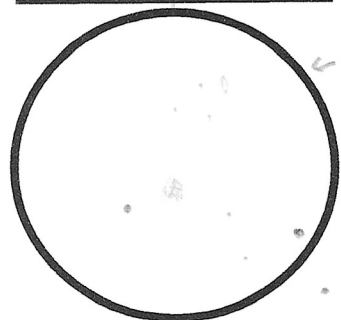
AV=3

N3534



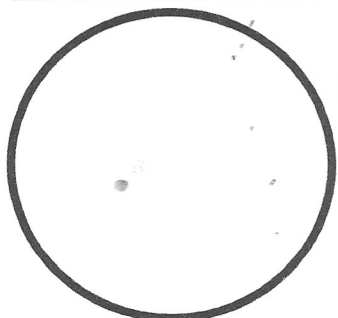
AV=3

N3551/3555



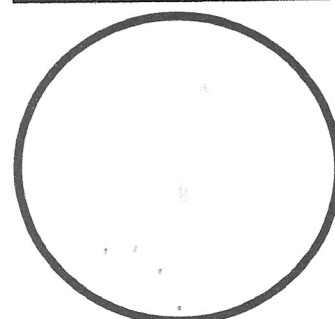
← 3551  
AV=4  
← 3555  
AV=2

N3563



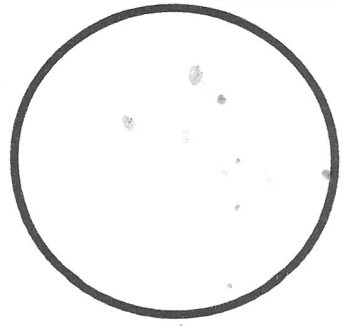
AV=2  
F, R

N3570/74



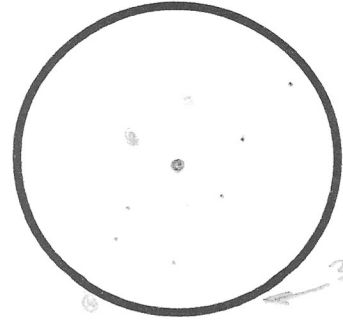
DATE=6/15/2023 TIME=415 UT SITE= ACT C=I S=II SCOPE=22UC @240X

N 3837+



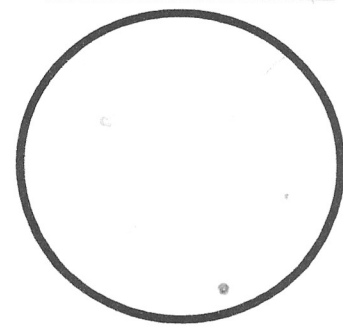
5 at together

N 3857/59



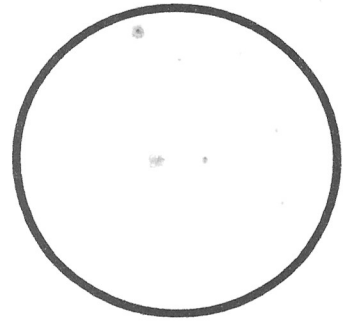
3862

N 3834



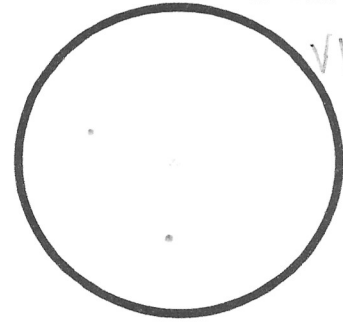
433 vt  
10V list  
ISOLATED  
AV=3

N 3929



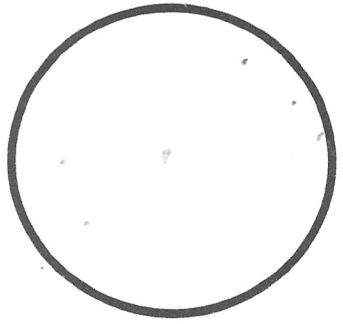
AV=3

N 3925

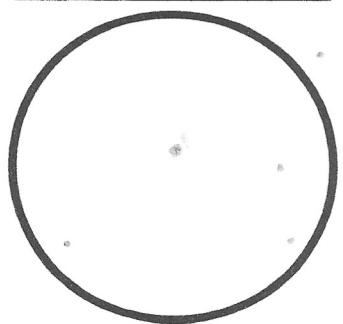


VVS, VF  
AV=2

N 3920

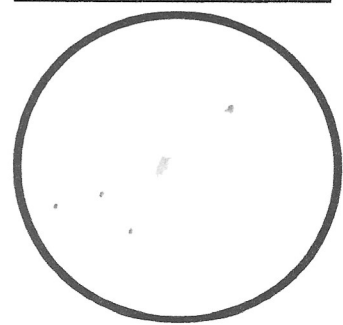


N 3964



CHECK  
#

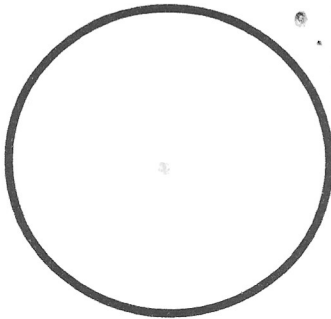
N 3988



AV=3

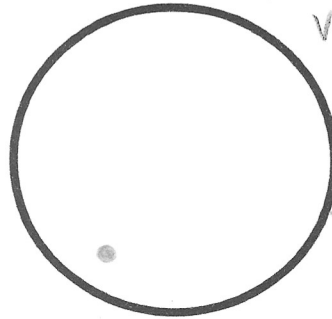
DATE=6/18/2023 TIME=505 UT SITE= ACT C=I S=II SCOPE=22UC @240X

N 4969



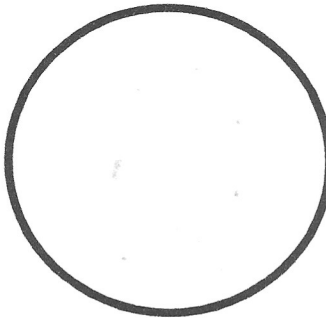
AV23  
ES  
x EF

N 5050



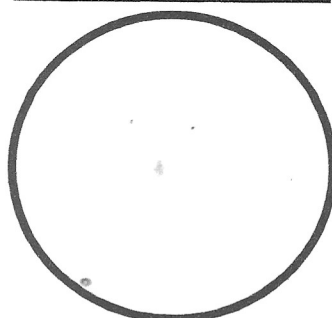
VL, VF  
AV3

N 5059

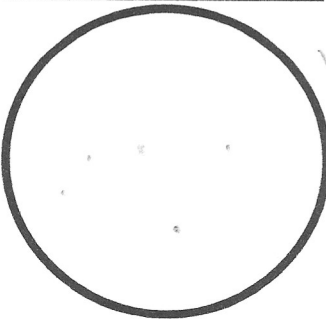


slab long  
VF VS

N 5071

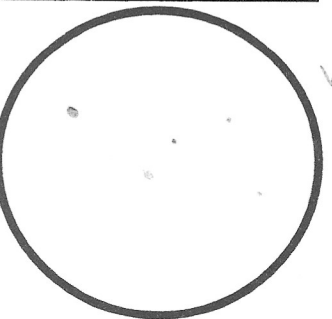


5075



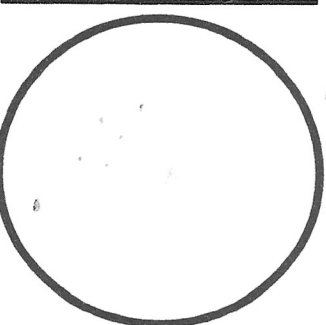
VVEWS

N 5100



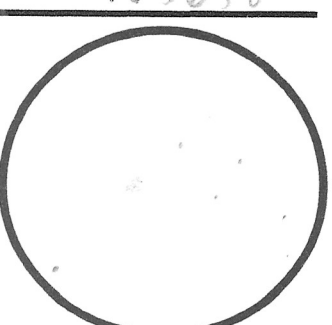
VVEWS

N 5387

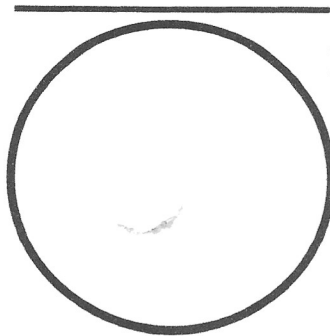


no ring  
L, VF

N 5658

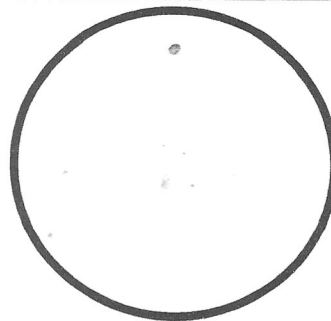


DATE=6/17/2023 TIME=210UT SITE=ACT C=II S=# SCOPE=22UC @240X



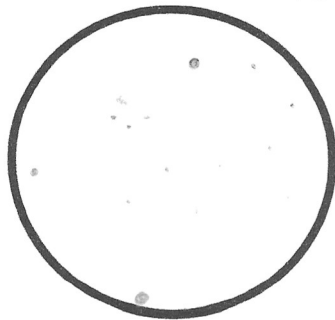
2110UT  
8X  
6 2125  
N135° arc  
Again  
not complete  
@ 2110, 50% @ 2105

N3204



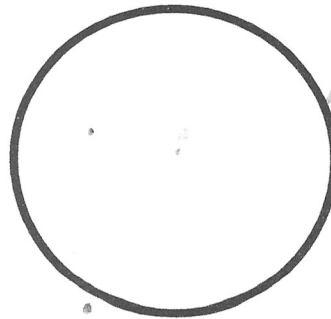
4714  
tow  
S, R, VF AV=2

N3323



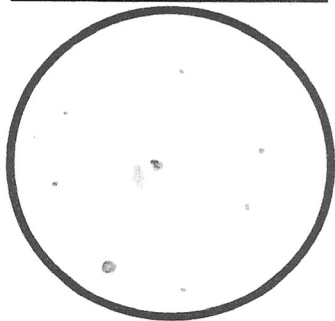
VF, S, S1 along  
AV=2

N3447



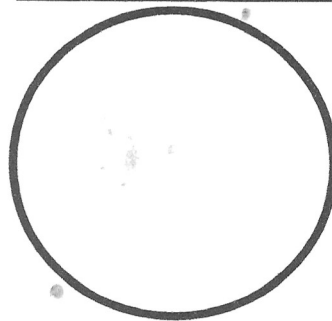
AV=3

N3473/74



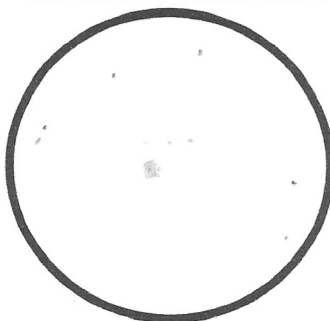
R, S, AV=1!  
NICE

N3522

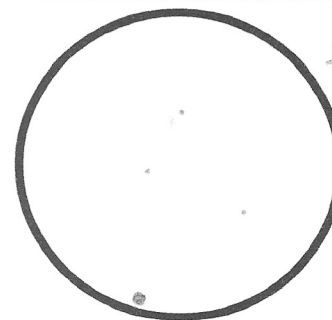


← 3474  
VVF, WS  
AV=3

N3493

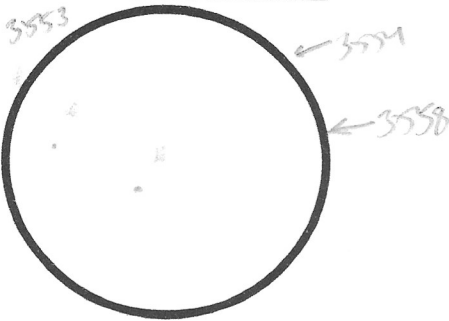


fs sp  
VS VF AV=2

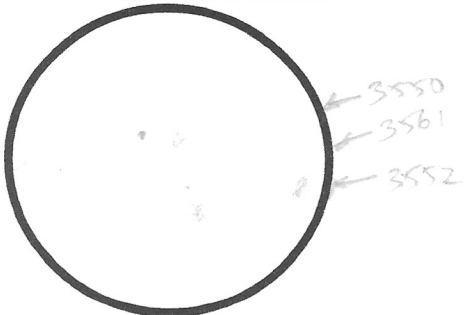


DATE=6/17/2023 TIME=340 UT SITE= ACT C=II S=II SCOPE=22UC @240X

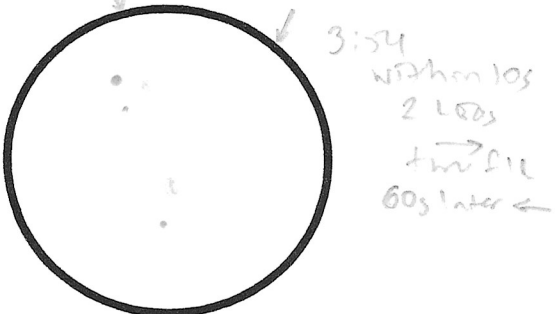
N 3558 etc.



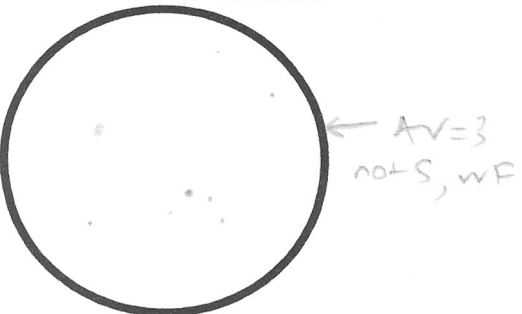
cont.



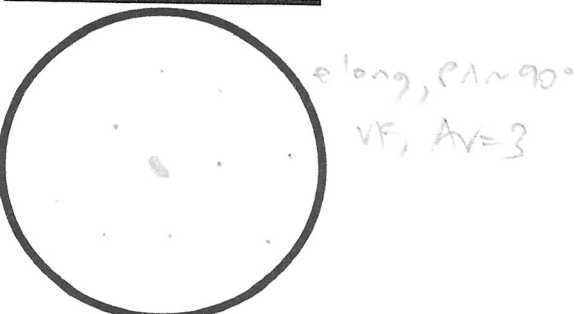
N 3609 N3612



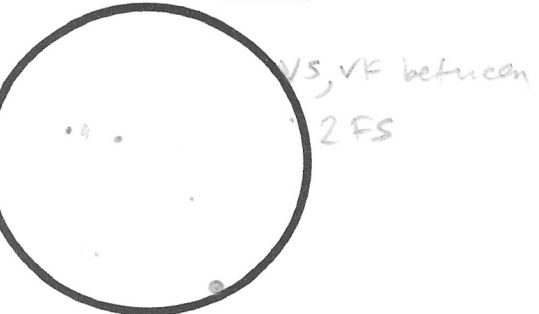
N3539



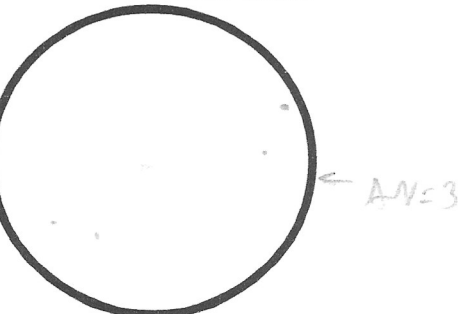
N3697



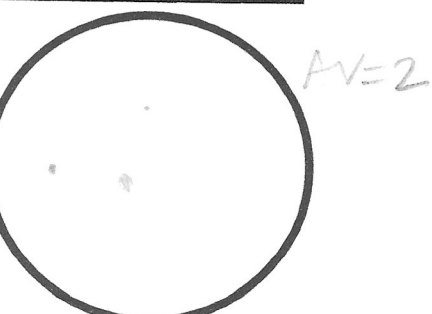
N3739



N3744

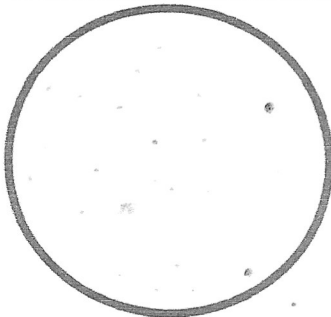


N3761



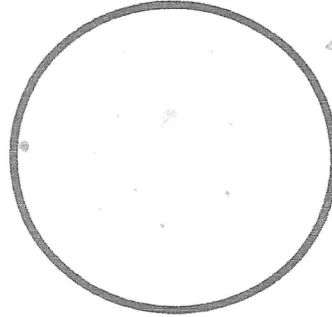
DATE= 6/17/2023 TIME=350UT SITE= ACT II C= S=II SCOPE=22UC @240X

N 5570



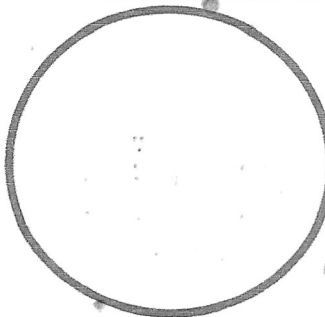
AV=3

N 5335



S, DIM, L<sub>1</sub> & 20 VS

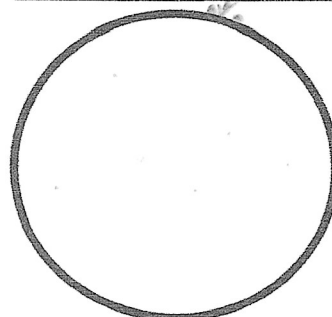
N 5263



AV=3

S, R, VF  
NICCP S

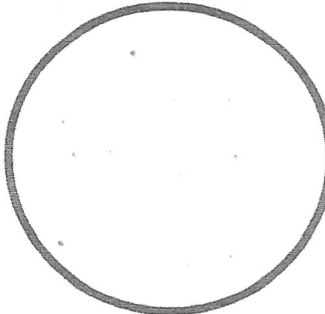
N 5213



AV=3

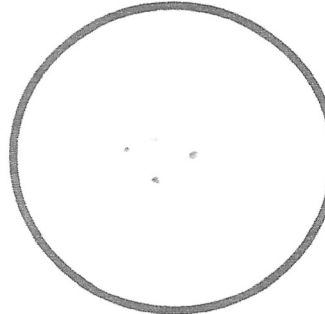
VF VS

N 5245



AV=4

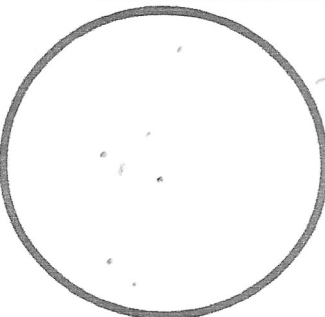
N 5246



WF  
VS

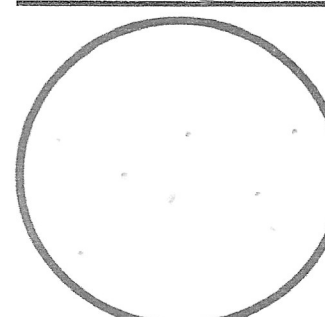
AV=3

N 5270



TRM

N 5285

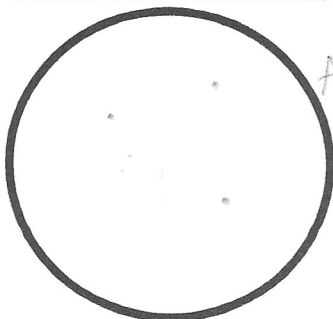


VF VS

AV=2

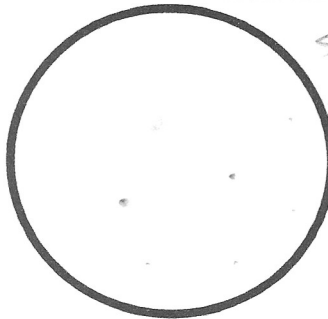
DATE= 6/17/2023 TIME=4:50UT SITE= ACT C=J S=# SCOPE=22UC @240X

N5741



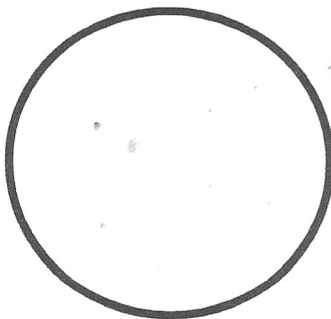
AV=1, nice,  
S, oval

N5745



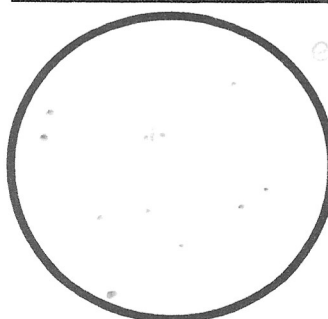
Sim. to 5745  
just a little  
darker

N5766



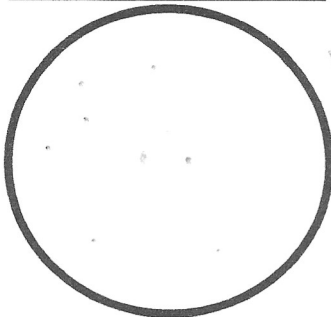
AV=3  
VVF vs  
R

N5810



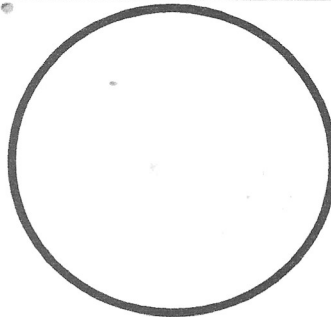
exactly as  
described  
VVF, along,  
PA ~200° (or 20°)

N5817



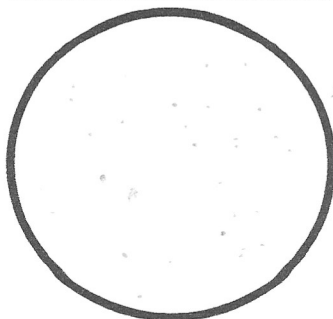
vs VVF  
AV=3

N5892



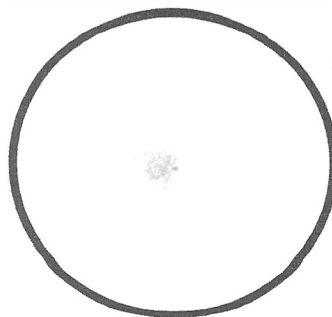
AV=1 but no  
detail

N5969



AV=2

N5986



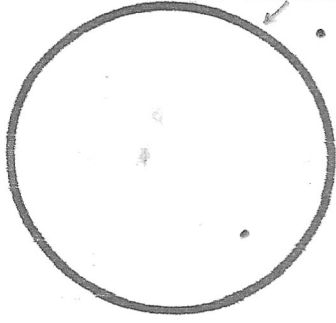
right in  
dome



3:32 UT • sumi → 2 → 10 IX  
~ 20s 40-5 F

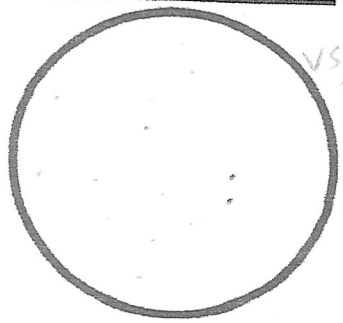
DATE=6/20/20 TIME=340UT SITE=ACT C=II-S=II SCOPE=22UC @24X

N4067/70/82/4083



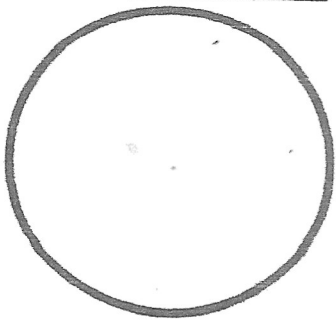
ALL AV=3  
S, N, VF  
4082 sl.  
2 others

N4368



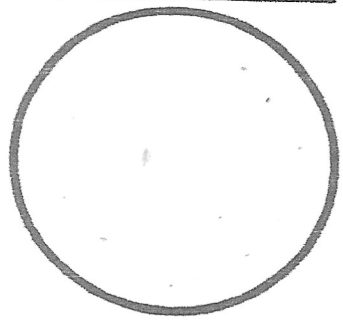
VS, VF  
AV=2

N3744



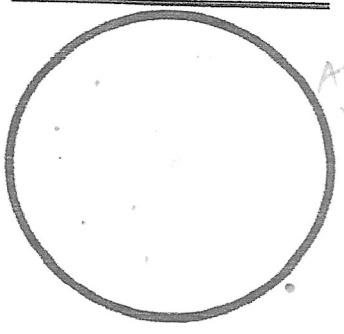
AV=3  
to confirm

N3761



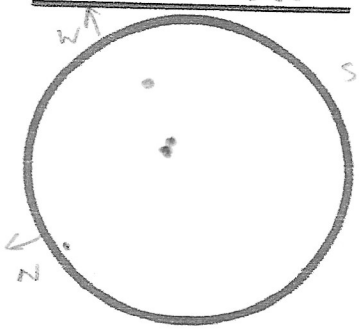
AV=4  
to confirm

N3765



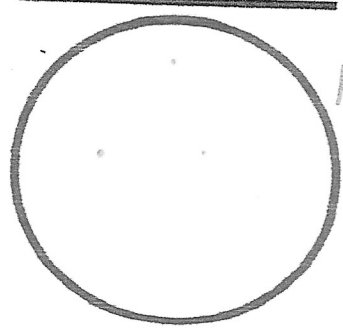
AV=1  
VS, VF

90LED



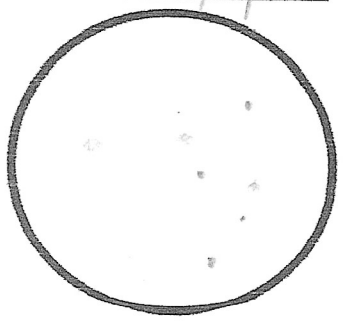
slw-B  
& slb-W

N3767

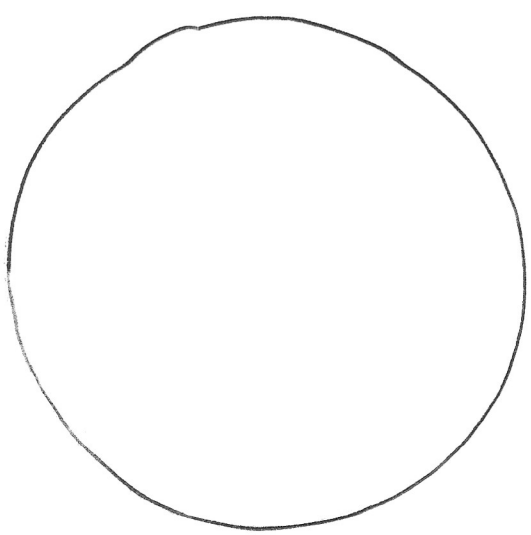
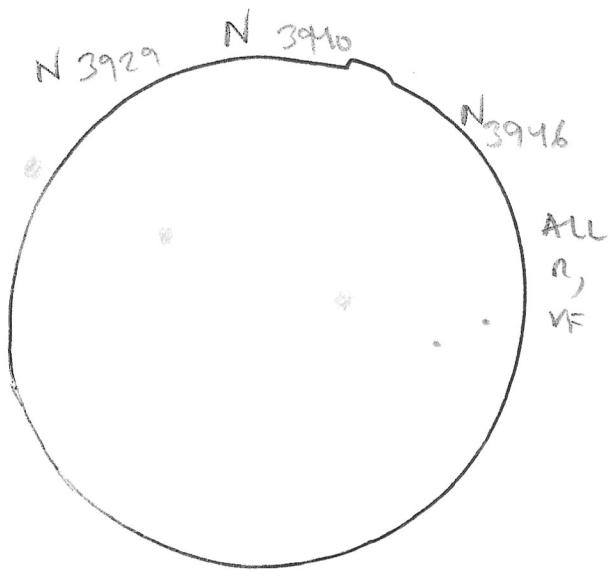
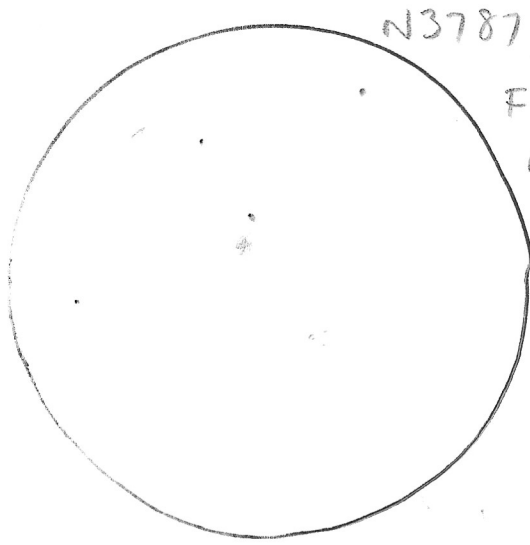


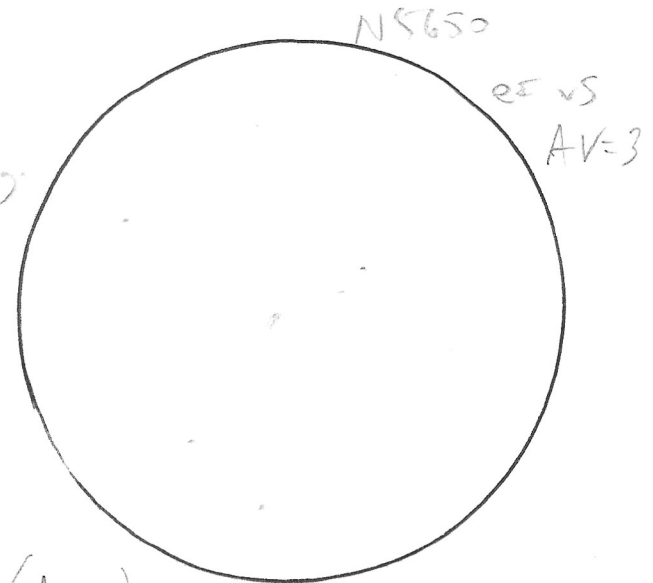
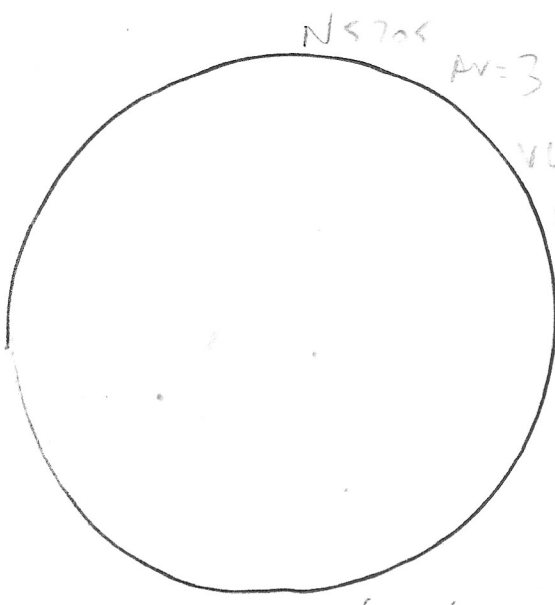
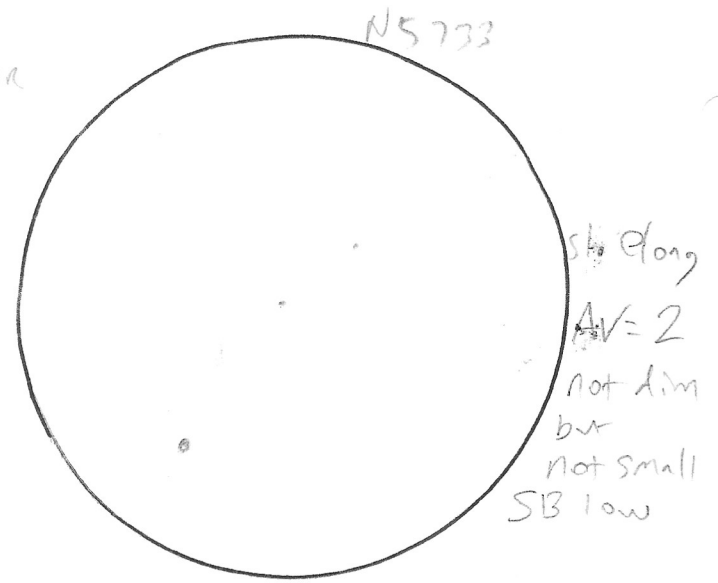
AV=3  
VF

N3780/4/5



6/20/23 ACT C=II-S=II  
4140 VT 22"VC @240X

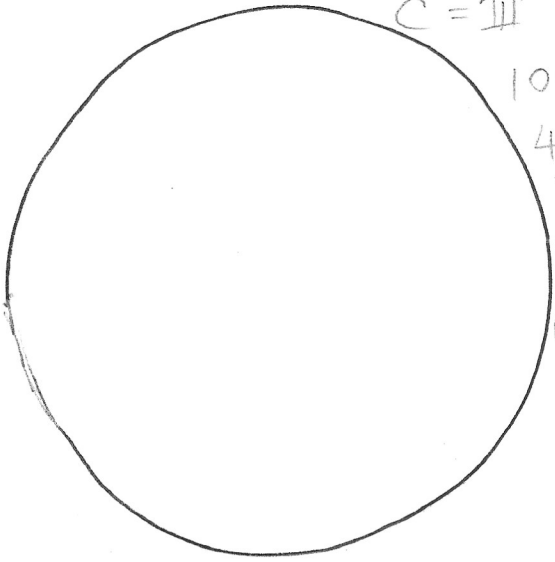




6/24/23 T2 (Act)

C=III S=III 22"vc

10E → 240X



4130-

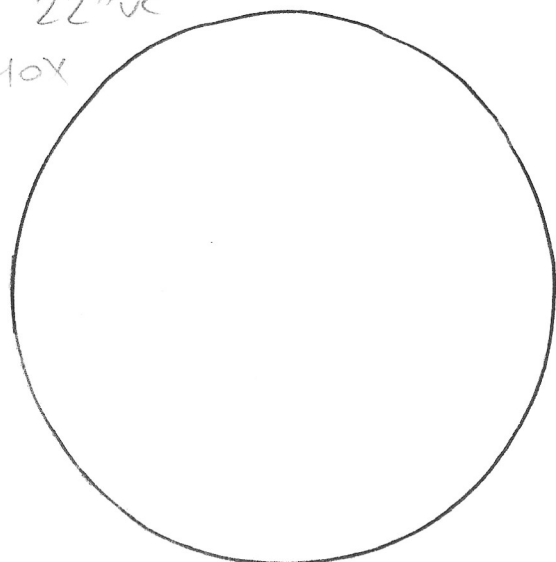
5100

UT

AFTER

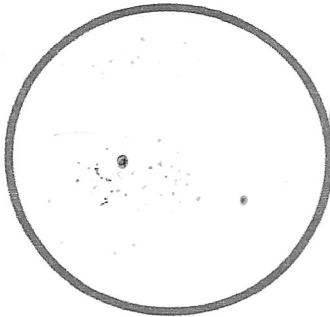
PUBLIC

NIGHT



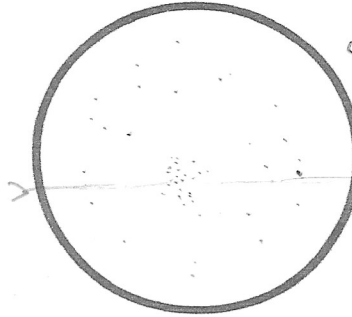
DATE= 7/10/2023 TIME= 4:00 OUT SITE= ACT C=~~R~~ S=~~I~~ SCOPE=22UC @240X <sup>100</sup>

N 6735



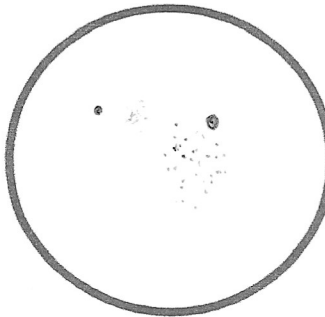
on RIFT  
(YOUNG-2)?

N 6775



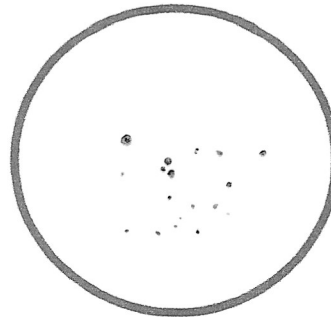
4:09:14 out  
slow sat.  
Cb. nice,  
small, rich  
stands out ok  
26858 ois

N 6728



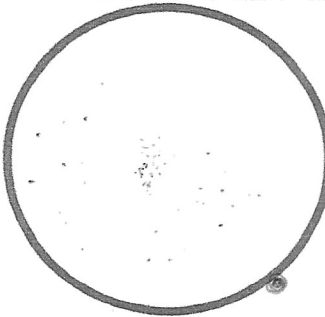
BEES NEAR  
A BRIGHT

N 6561



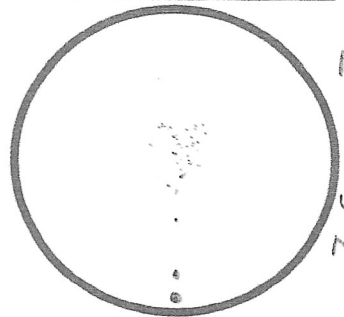
3 inc, then  
just sparse  
large w/ 9 → stars

N 6573



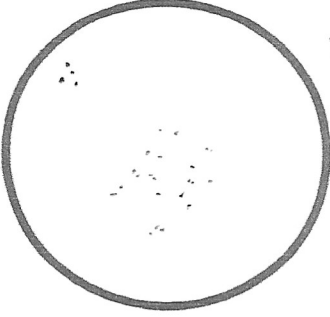
NICE, SMALL  
BT STANDS  
OUT w/  
TENDRILS

N 6639



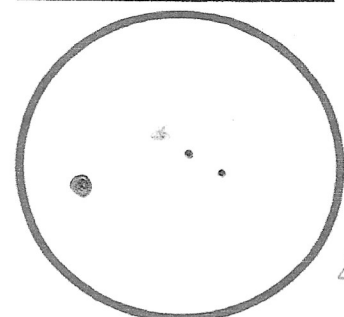
MCC,  
sl. shape  
of?  
W/TA FS  
NEARBY

N 6737



SPARSE,  
Dim,  
BT MORE

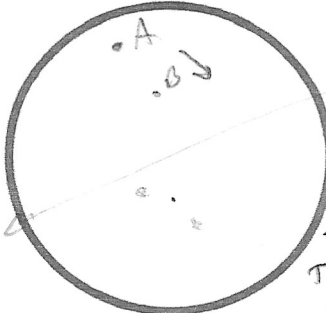
N 5501



240X  
HARD TO  
SEPARATE  
FROM F.S.  
BT MORE  
& WHAT A FIELD!

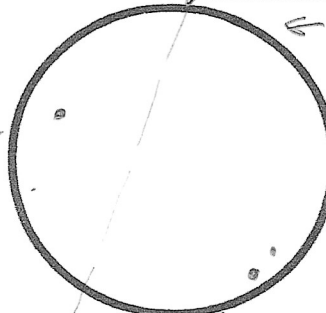
DATE=7/10/2023 TIME=445 UT SITE= ACT C=I-S-II SCOPE=22UC @240X

5522 WHOOPS! <sup>MEAN 5552</sup>



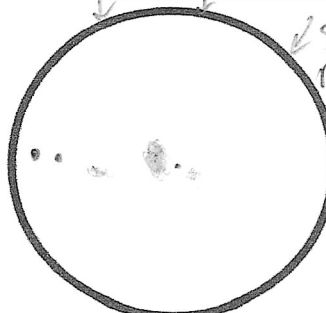
14h13+15  
4:42:24 51629  
Fast, bright MEXI  
ONE WEB  
← NOT REAL  
← FABRIC AV=2  
THE F.S. ARE SO  
SIMILAR!

NEARBY ASSOCIATION TO WAVE



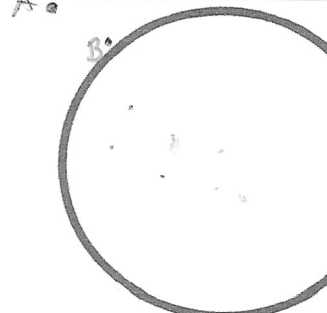
← 14h9+15 ONE  
4:43:50  
WAVE A, ~55  
51623  
MEXI  
ONE WEB

N 5560 & 5566



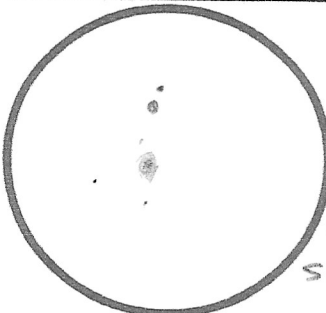
5569  
REAV=3  
SEEN  
RANGE  
LF

N 5552 & 5554



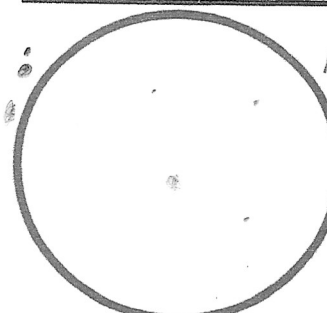
AV=3  
BOTH  
SEEN  
NO FS

N 5838



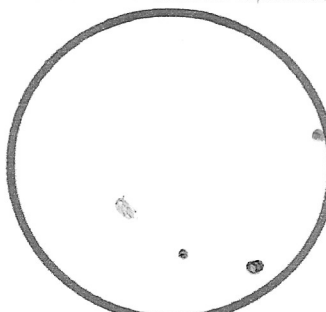
VERY NICE,  
ON WAY TO  
ADJUSTED  
SITS NEAR  
2 BRITE FS  
SL. OVER


N 5848



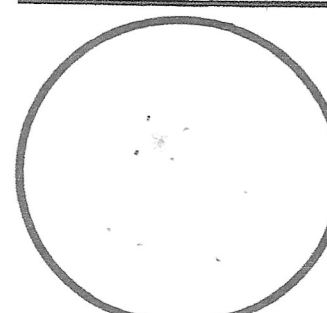
AV=1 BUT VS,  
VF, R  
NEAR N/E

N 5504



BACK TO  
AREA   
ABOVE!

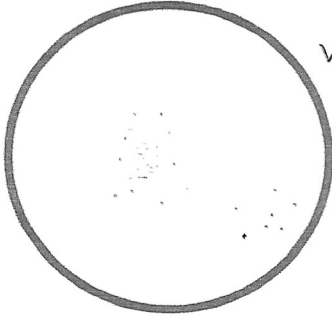
N 5619



INSIDE A BOX  
OF FAINT  
FS, BUT THIS  
MAYBE ONLY  
THE MVC

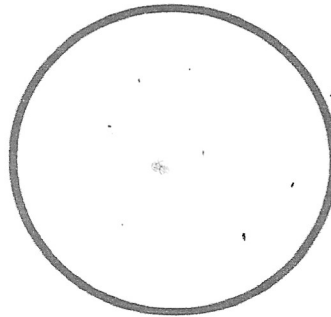
DATE=7/10/2023 TIME=510UT SITE=ACT C=FS-II SCOPE=22UC @240X

N 6697



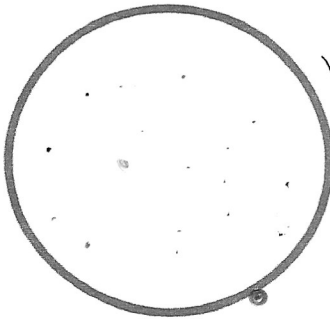
VF, but a  
C for sure!  
~~100x~~  
100x

N 5960



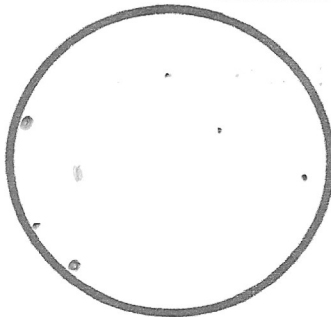
AV=3 no defnol  
VF, VS  
240x

5855



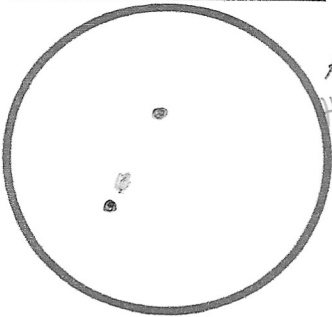
VF, VR, VS

5847



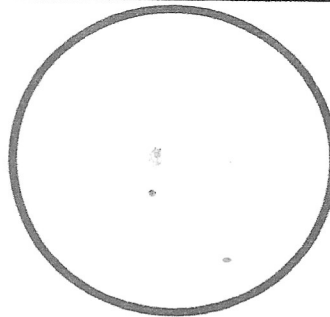
AV=3

5748



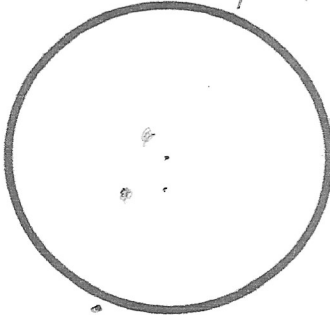
AV=3, REAV  
HELPS, FS  
ARE SAME  
GRACE

5825



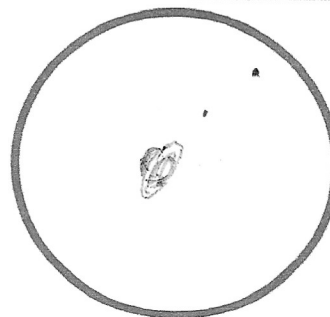
AV=3  
← following  
helps

5700/09



AV=3 on  
both, near  
VVF FS

\*



6:05 UT  
240x

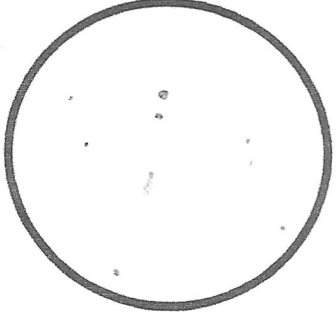
44112 3107 UT slow 1x  
80000x 1x  
@ 12

253:43  
2920  
ad

@ TIME ALL SEEN  
G6-5 1x N2-3m  
w/don (just popped!)  
camera OFF.

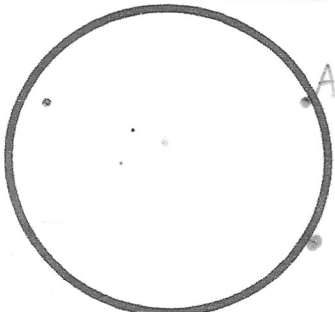
DATE=7/12/2023 TIME=300UT SITE=ACT C=I S=# SCOPE=22UC @240X

N 5725



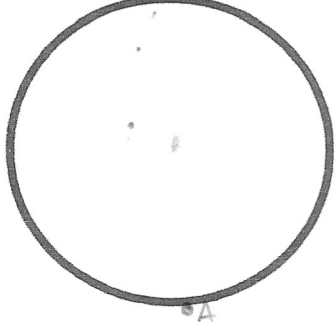
VF, VS, VF FS to S  
NEARLY TOUCHING  
CONFIRMING

N 3897



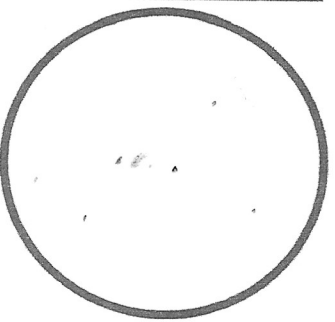
AV=3

MKK429



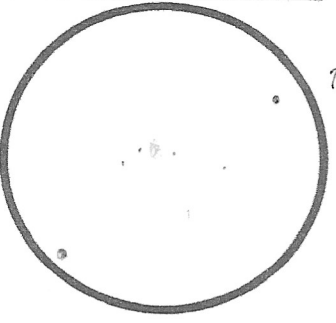
AV=3

N 3622



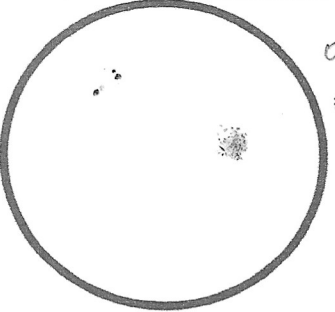
BETWEEN  
2 STARS

N 5029



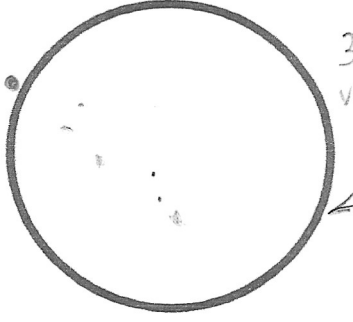
AV=2  
sl. elong.

M107+DBL STAR



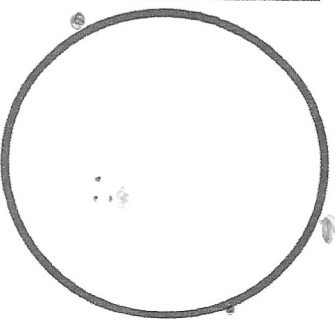
ON WAY TO SNOP  
#38 V2306 OPN  
100X  
1 1/2 FLOS

N6042 (aka 6039)



3rd of 3  
VF, VS  
AV=4

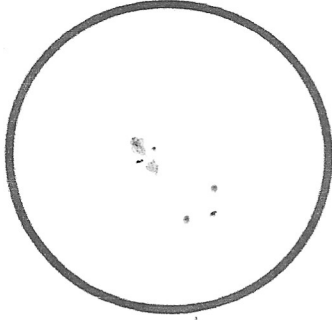
N6030



NEAR TO  
SMALL Δ  
NOT TOO F  
BUT SMALL

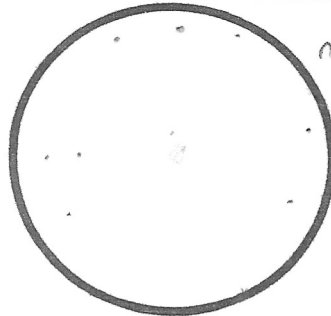
1:30 UT  
\*2  
DATE=7/12/2023 TIME=600UT SITE=ACT C= S= SCOPE=22UC @240X

N 6035/57



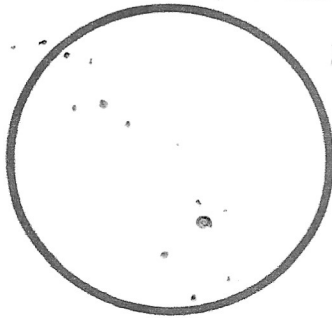
BOTH SEEN  
W/MCS FS  
BOTH R, SF

N 5961



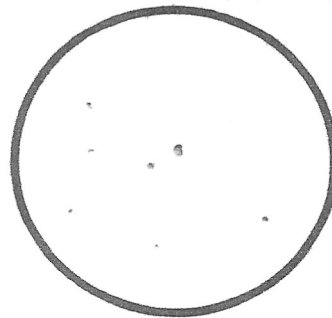
not S, pB, R, AV=1  
G:45

N 7134



100x

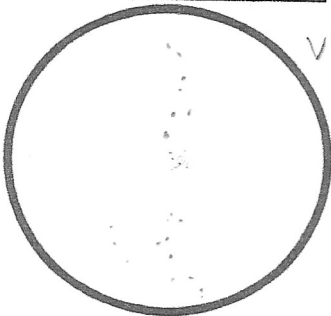
N 7158



240x

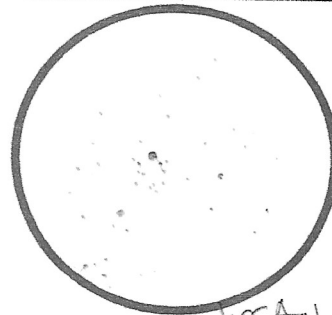
VS, VF

N 6773



VV D, S, not  
well defined  
100x

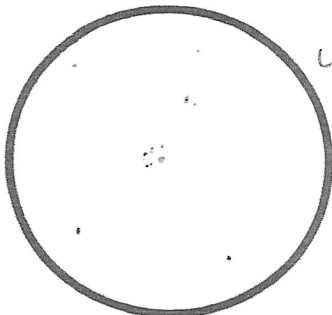
N 6828



100X  
ALTAIR  
NEARBY  
I SAY IT IS  
AN OC

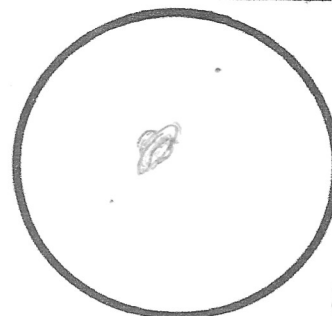
✓ or A 11°

N 7148



Y comes  
NEXT TO  
9m

K



8:20UT  
TOO HAZY  
FOR MOONS  
BUT <sup>RM</sup> SKANDISH &  
ARISHAN RINGS  
POLAR BEG BELT  
& C.A. all exquisite!



2107M

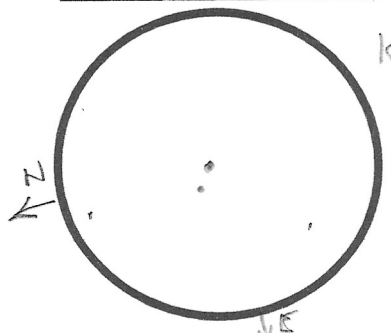
just Kator TX  
2121  
x ngun

2121  
8x  
alpha  
1P1d



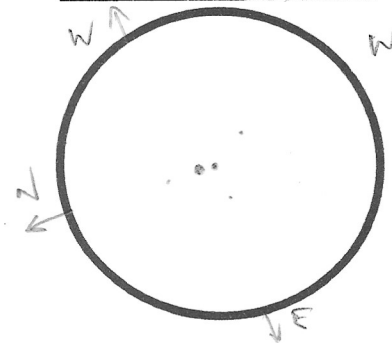
DATE=7/16/2023 TIME=230 UT SITE=ACT C=II S=II SCOPE=22UC @240X

Σ1495 (um)



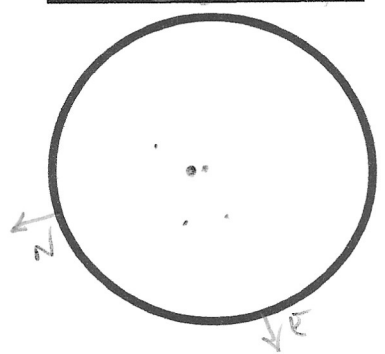
100x  
gold-y80-y

Σ1415 (um)



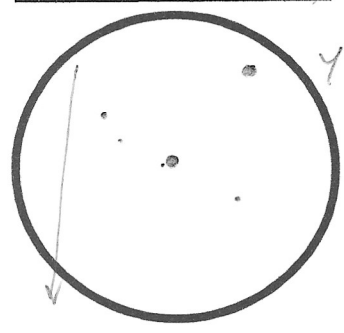
Web-W

Σ1349 (um)



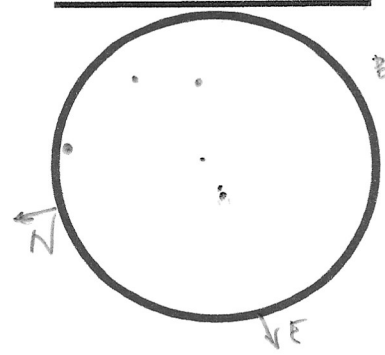
no color

Σ1306 (um)



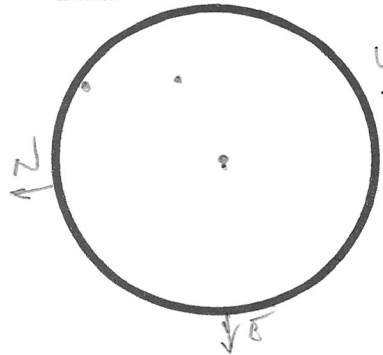
Y8b 2144 sat  
W close but  
INE!  
NOT SPLIT BEFORE  
23466 W

Σ1350 (um)



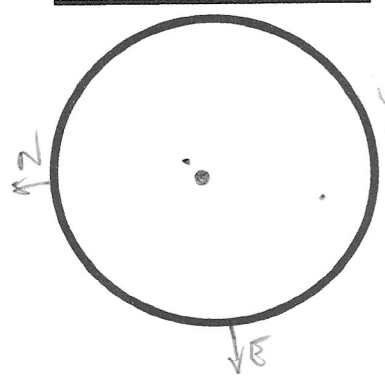
B8b-W

Σ1315 (um)



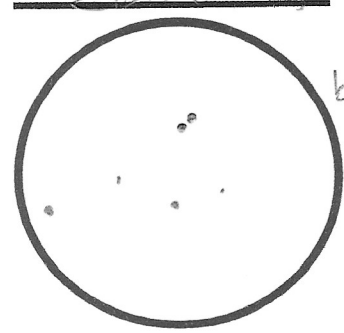
W1W  
V1ckx  
@100x  
NOT IN  
WEBB

Σ1351 (um)



Y8b

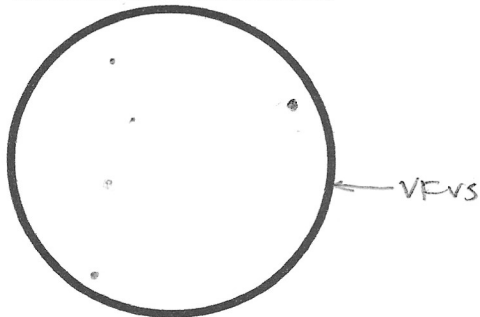
Σ1315 (um)



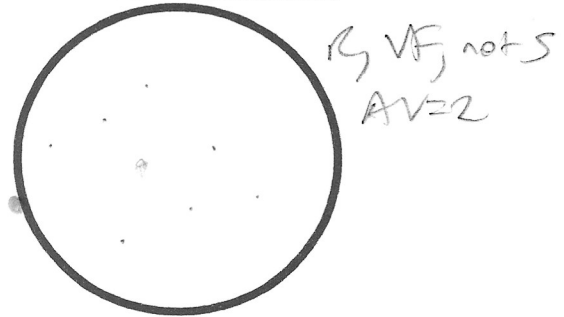
bW1W um

DATE= 7/16/2023 TIME= 350 UT SITE= ACT C= <sup>II phen</sup> III S= II SCOPE= 22UC @240X

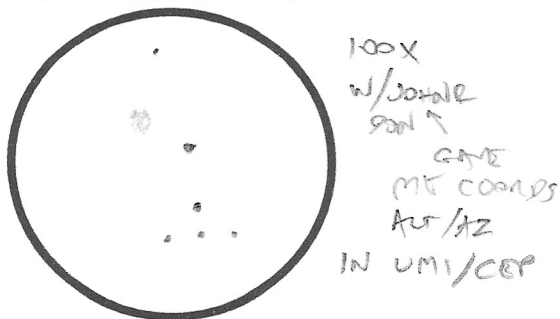
N 4368



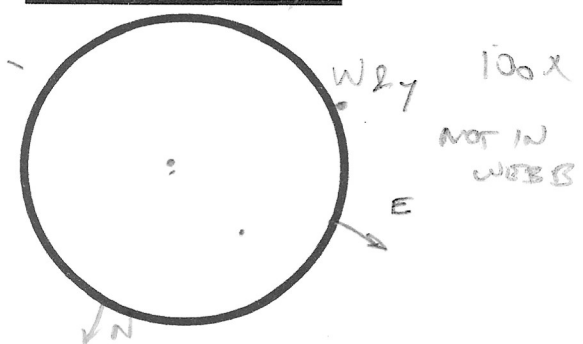
N 5285



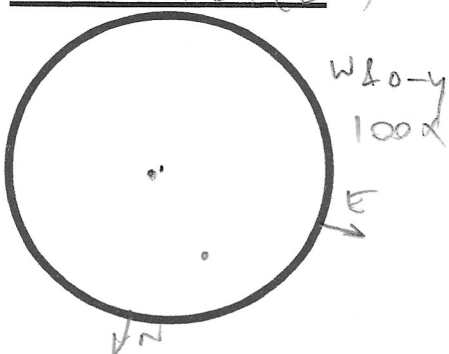
COMET C/2023 E1 (ATLAS)



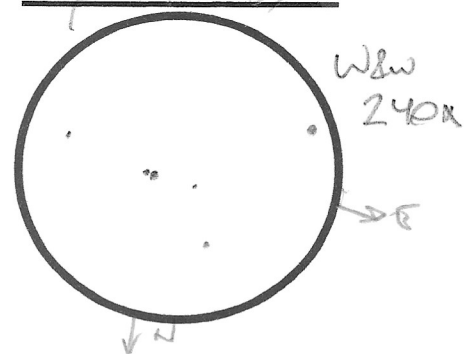
E 1925 (Lib)



E 1939 (Lib)



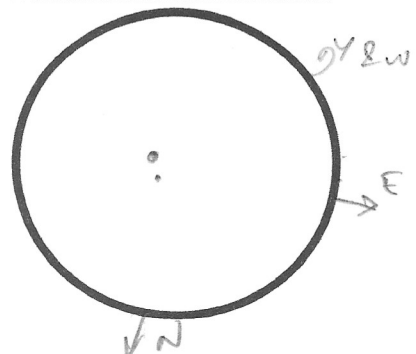
B 119 (Lib)



E 1914 (Lib)

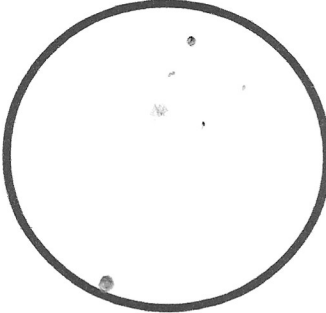


E 1894 (Lib)



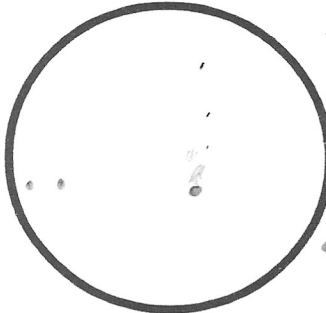
DATE= 7/16/2023 TIME=415 UT SITE= ACT C=<sup>III</sup>II-S=II SCOPE=22UC @240X

N3835



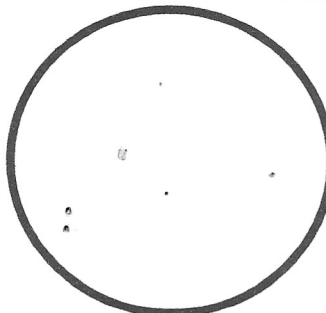
NOT TOO  
FAINT,  
S, R

N3975



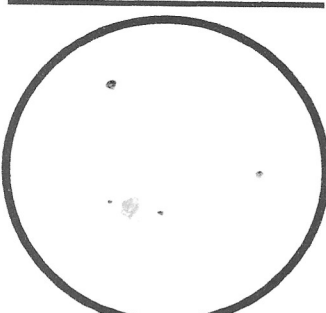
VS, VF, MEAN  
BRIGHER ONE  
← 3975  
← 3978

N4081



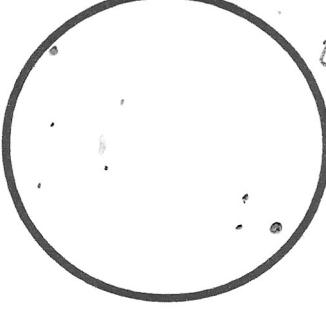
12h05+64.5  
4:32:40  
faint but  
set 43914  
VS VF MEAN!

N4108



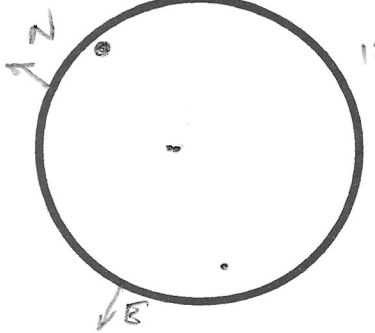
S, R, B (in  
comparison!)

N4205



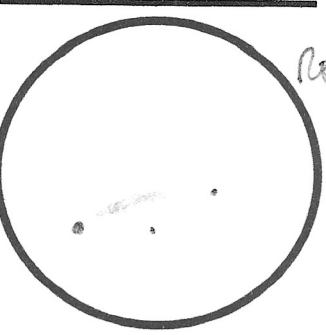
LOOKS  
ELONG.  
VS VF

GREAT DEL S1626 (DRA)



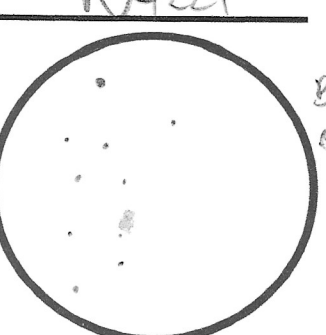
12h17+70  
on way to  
next

N4236



REAR only  
HUBB

N4221



B, oval, star on R  
aren glow

FELT ILL, SICK IN CAL IN OKMUGEE  
ON WAY HOME!

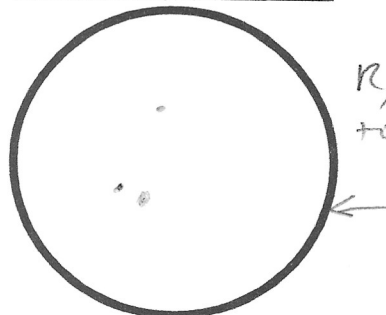
DATE=7/16/2023 TIME=530UT SITE= ACT C=III S=# SCOPE=22UC @240X

N4481



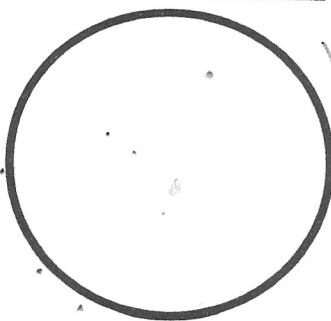
GREAT FS,  
elong, med size  
& bright  
13m  
ON EDGE

N4510



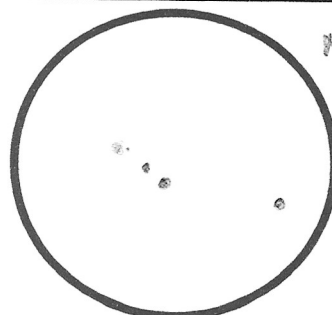
R, S, not  
too dim

N4513



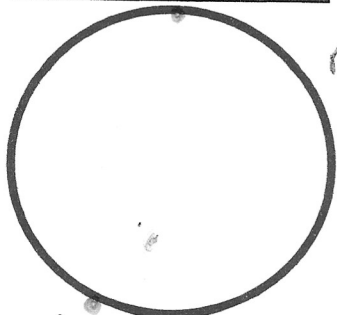
VFVS

N4652



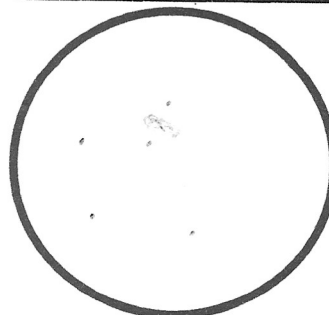
MCE FS, WITH  
1 FANT CLOSE  
TO IT  
S, R

N5007



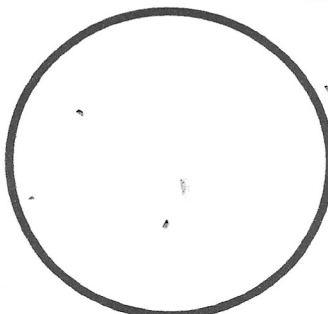
REVISIT,  
MCE close  
NEAR BRIGHT  
FS

N5205



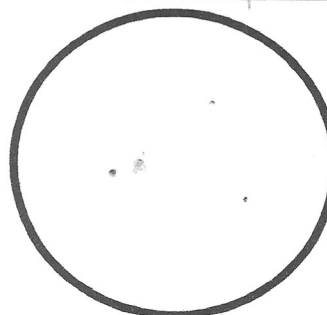
elong, not  
dim, not  
small, between  
2 FS

N5283



VS VF

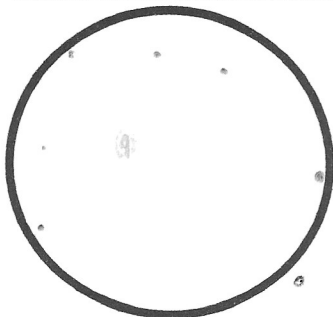
N4669



VS, VF BUT  
NEAR  
FS

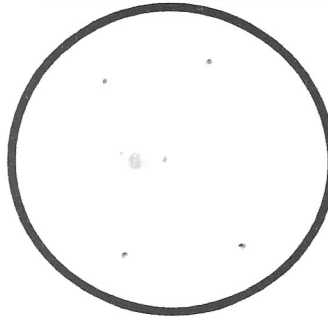
DATE= 7/19/2023 TIME=240 UT SITE= ACT C=II S=III SCOPE=22UC @240X

N3677



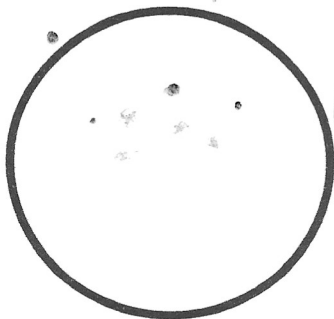
not S, mbm  
bar?

N3741



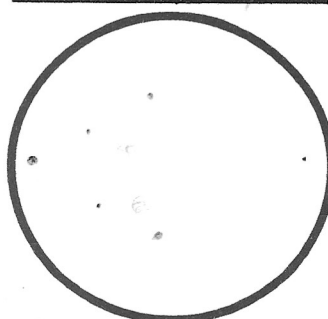
← S1486  
V3, V4  
AV=2

N3871/78/80/81



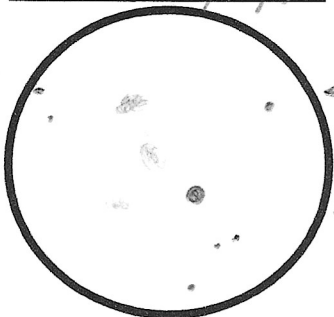
PEAV=3  
4 on NW  
one

N3855/56



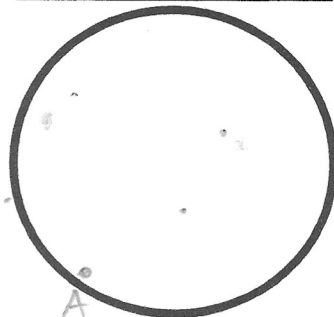
AV=4  
(BOTH)  
VVF  
VDFE

• A N  
N3991/4/5



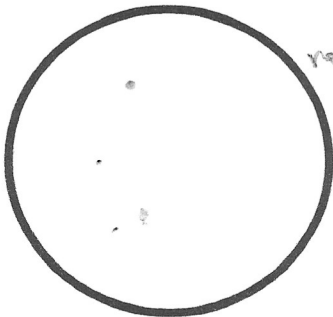
← EASY  
← AV=2  
← AV=3

N3966 N3986



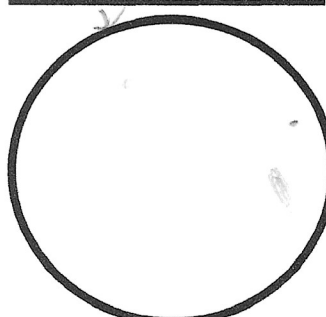
BOTH  
AV=2

N3935



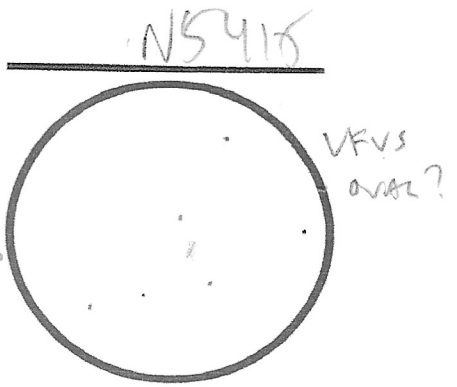
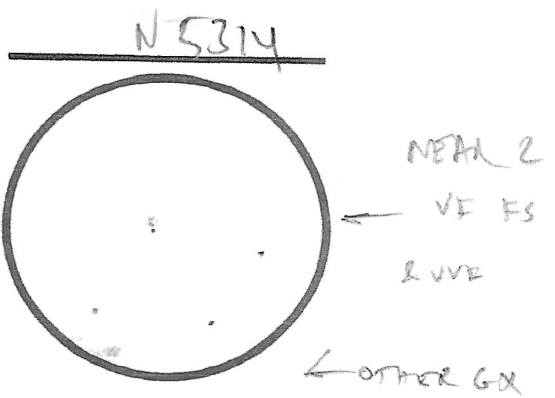
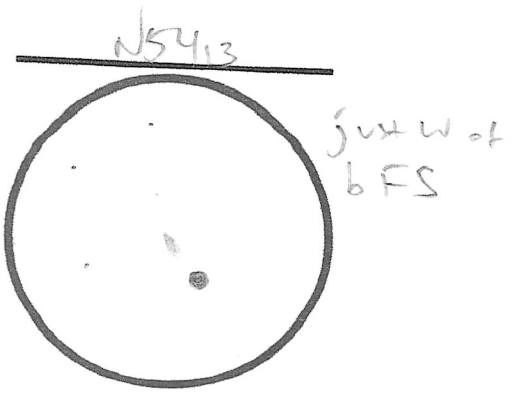
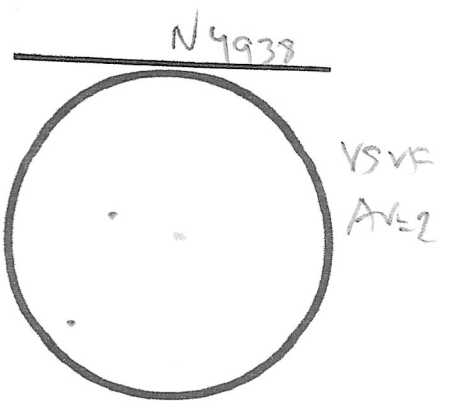
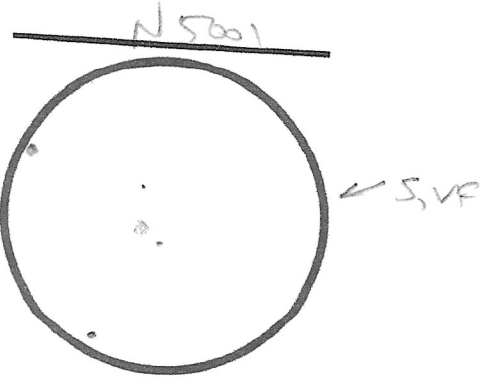
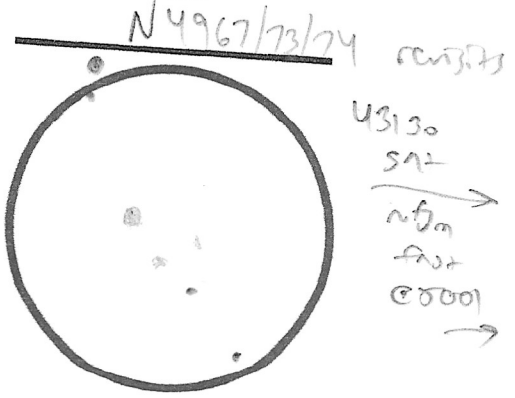
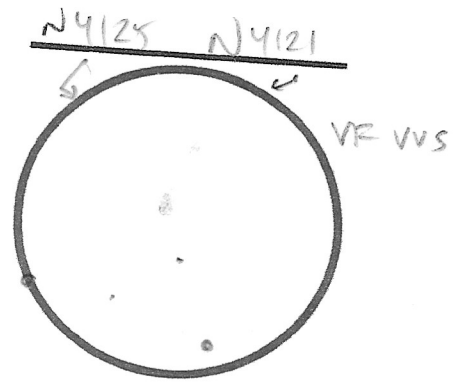
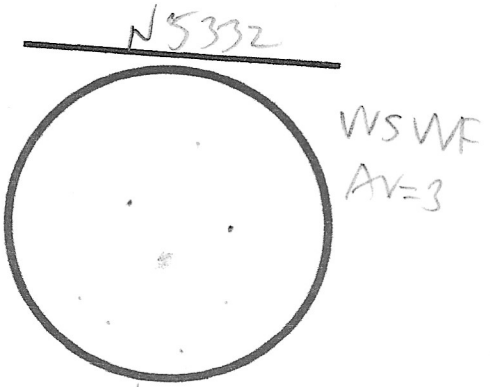
very isolated  
AV=3  
VVS, VF

N4001 N4010



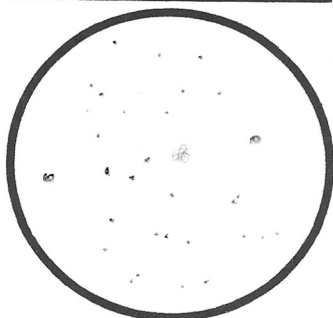
← AV=2 VSWR

DATE= 7/19/2023 TIME= 400 UT SITE= ACT C= II S= III SCOPE=22UC @240X



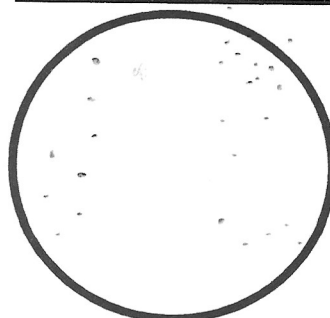
DATE= 7/19/2023 TIME=600UT SITE= ACT C= II S= III SCOPE=22UC @240X

6965

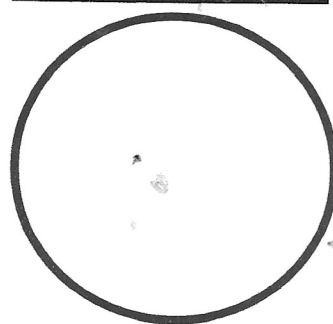


DV

7193

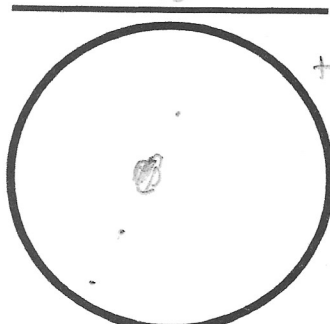


7383/84

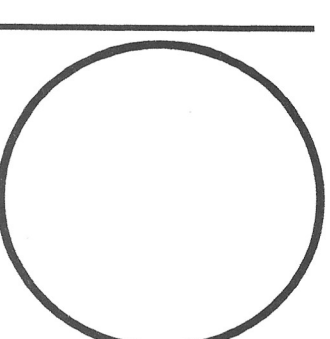
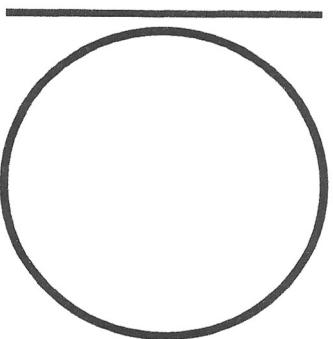
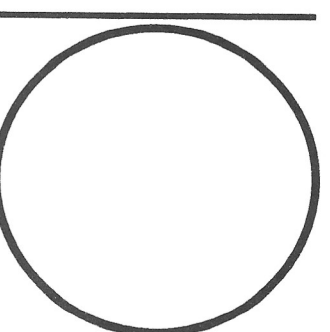
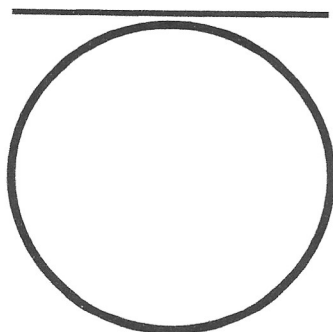


← 7383

K

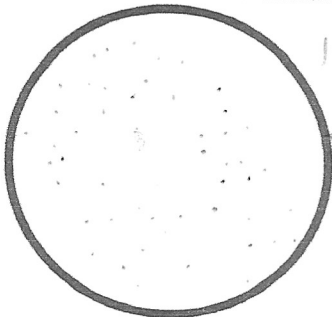


too inspeady



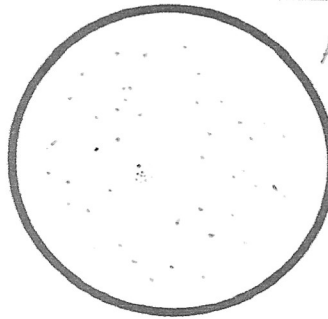
2112 UT 90 8X  
DATE= 7/22/2023 TIME= 245 UT SITE= ACT C= II S= II SCOPE= 22UC @240X

N6839



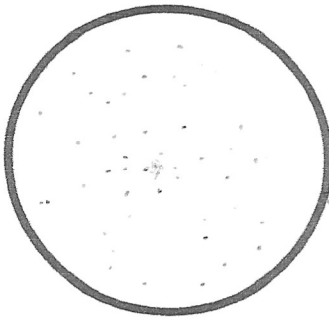
100X  
S, K, Not B  
Ri  
OC

N6843



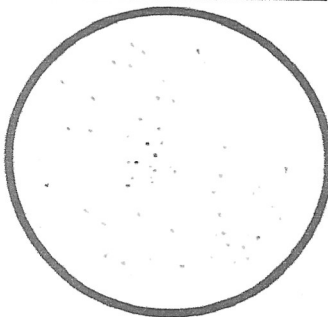
AS ADVERTISED,  
S & P OOK  
100X  
OC

N6873



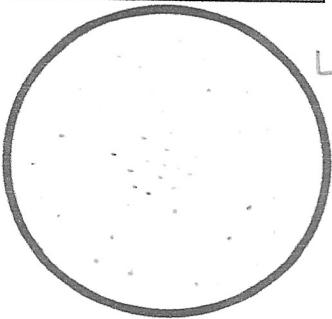
100X  
OC  
R, next to FS  
nb-8

N6904



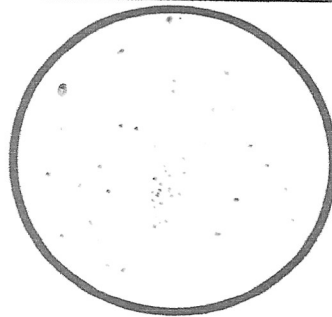
100X  
L, P, 10 → G  
OC

N6938



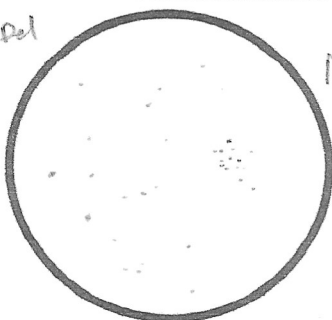
L, d, m, P  
doesn't  
stand  
out 100X  
OC

N6858



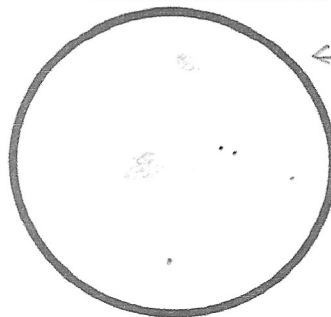
OC  
L, IRA  
100X

N6950



NOT CAN,  
N of G OC  
S, sparse  
OC

N5212+5210



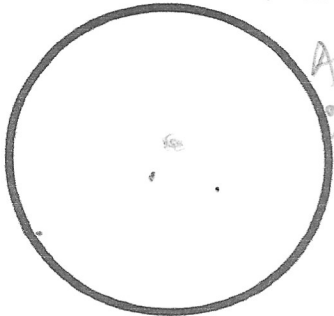
← 5210  
DEFINITELY  
SITE 6X AV=3  
BUT CAN'T  
DISTINGUISH  
BETWEEN THE 3  
5210 STAMPS  
ALONE AV=2



mass  
3:40 vt

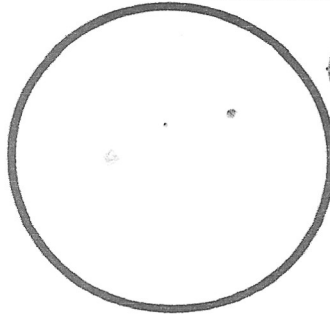
DATE= 7/22/2023 TIME= 350 UT SITE= ACT C=  $\square$  S=  $\square$  SCOPE=22UC @240X

N5317



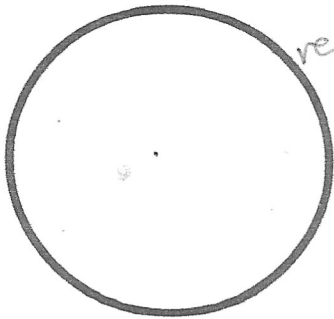
AV=3  
gbm

N5781



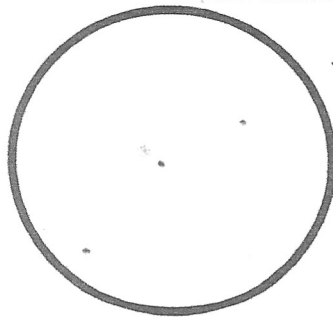
AV=2 but not  
bad, S, R, E  
near 11m FS

N4122



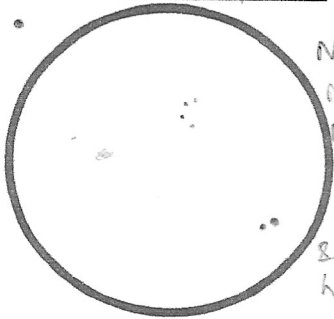
very isolated  
S, R, F

N4148



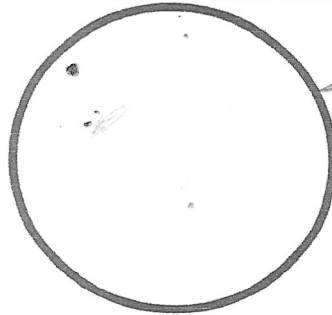
VF, but 12m FS

N4509



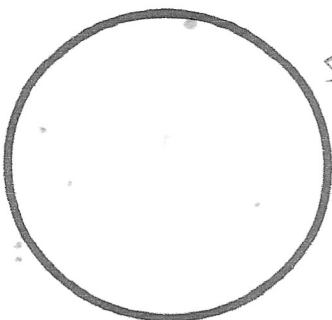
MORE SURPRISE!  
NOT TOO DIM,  
NEAR 12m FS  
NEXT GROUP,  
GREAT 3m DS  
& AV=1 w/some  
hmt oL bM

N4217/26



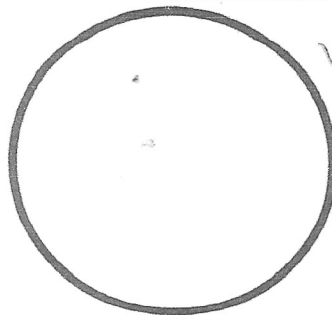
← 4217  
← 4226

N4381



S, R, DIM  
AV=3

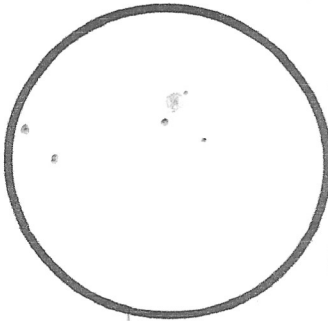
N4537/42



VVF, S, R  
AV=3

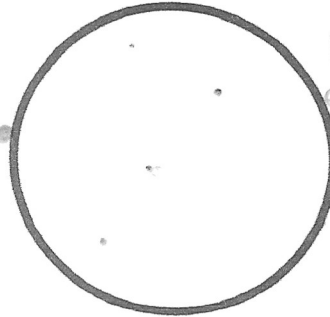
DATE=7/22/2023 TIME=450UT SITE= ACT C=FF S=IF SCOPE=22UC @240X

N4870



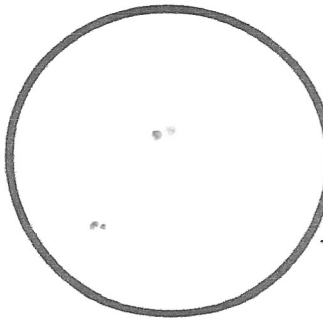
BETWEEN 2  
FS ALIGHT:  
MC, R, gbm  
& PHOTODISK  
(not F)

N5002



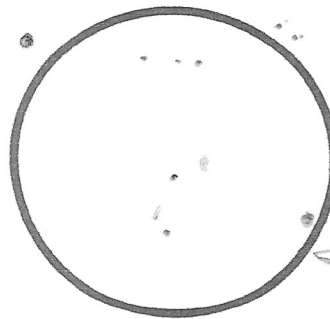
13m FS is on N  
edge, VE, S, R

N5021



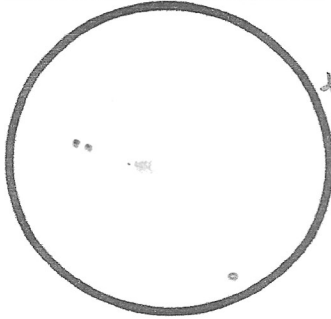
← 12m FS  
S, R, E  
← next d31

N5098



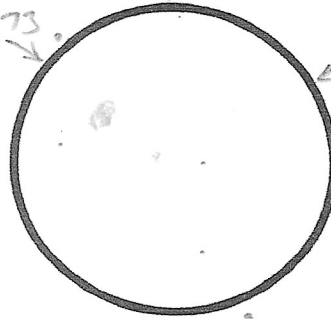
INA BIL  
GROUP, TINY  
& FAINT  
← 5096 (AV=4)  
← 5098 (AV=1)

N5131



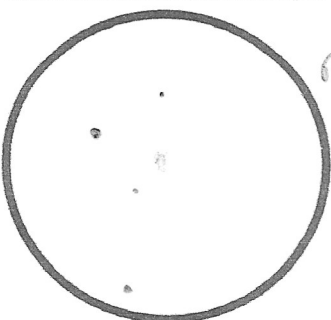
elong, near  
dm  
FS

N5273/6



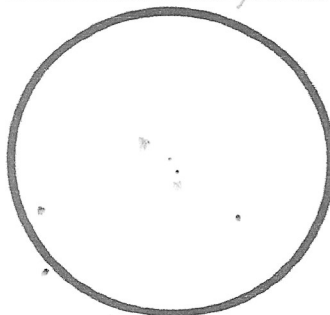
5273  
← 5276  
VE VE  
← EAST, DM,  
MC, GBM  
NO DETAIL

N5305



REVISITED

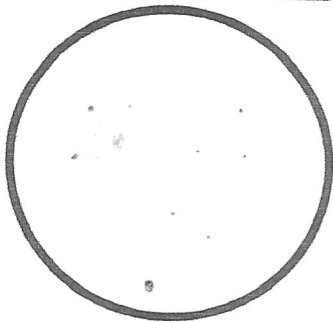
N5325A/B



BOTH AV=3  
AROUND 2 FAINT  
FS

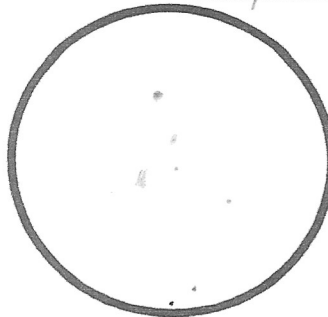
DATE= 7/29/2023 TIME=500 UT SITE= ACT C=II S=II SCOPE=22UC @240X

N5415



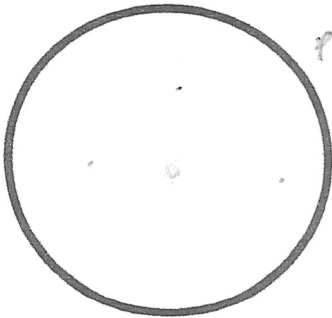
A with F5  
S, R, F

N5341/51



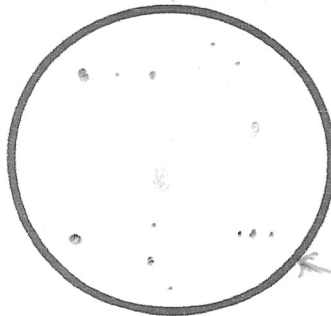
BOTH F,  
BUT 5341  
SMALLER

N5567



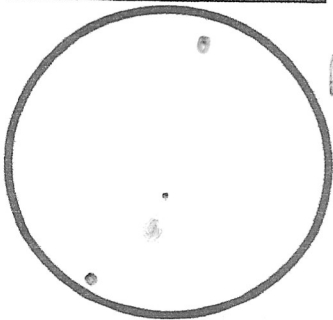
PF, not small  
R, nice  
AV=1

N5527/29



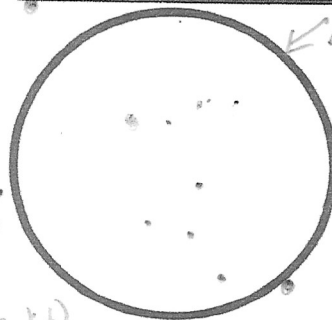
← 5527  
← 5529

N5811



AV=2 bM  
Bx

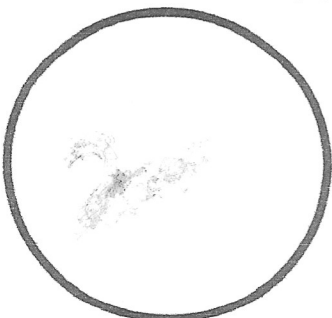
N6053



← AV=4  
WF WS  
VDIFFICULT

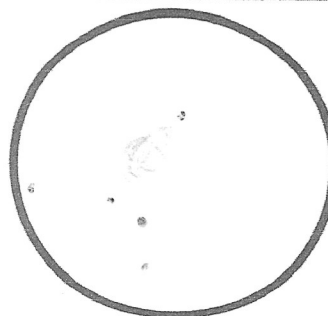
→ 6055/  
6057  
(not split)

M17



!!!  
...

h

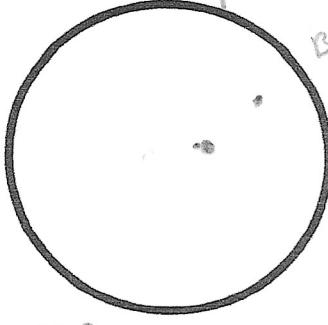


6:00 UT  
STILL LOW

35132 U  
WIP → 1x  
L101P

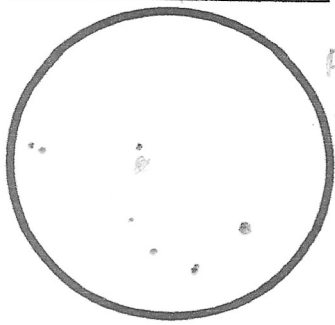
DATE=7/25/2023 TIME=315 UT SITE=ACT C=II S=III SCOPE=22UC @240X

K Cop



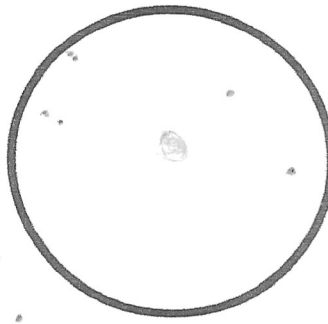
BEAUTIFUL!  
100x  
off-white  
& sapehine

Camet C/2023 E (ATLAS)



Faded a lot  
still very  
diffuse

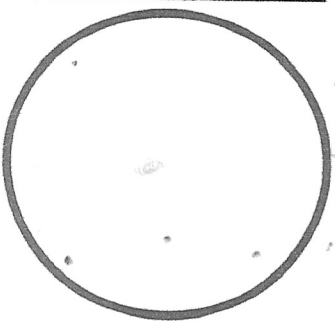
12P PONS-BROOKS



220x  
Very even  
flow  
NO NOTCH  
OR MVC

1 MAR → C/2023 E1

N 5083



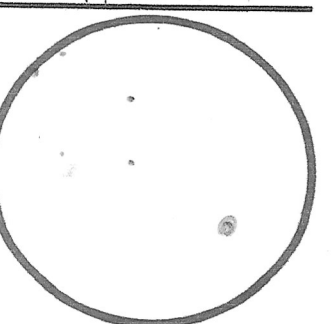
AV=3  
ghostly glow  
220x

N/GC  
5455/50/49/50

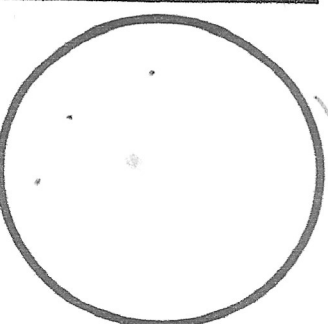


← VERY BRIGHT!  
← 5458 AV=2  
← 5459  
← 5450 small  
AV=1  
5449 also F, S  
but AV=1

N 5471

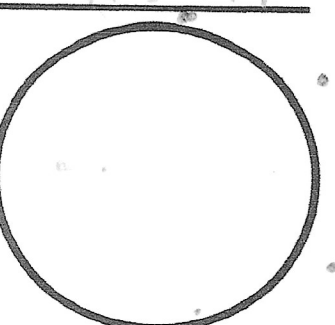


N 5524



VF, VS, IR, R

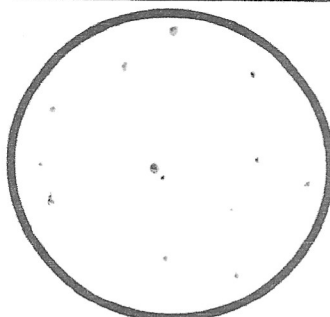
N 5497



VF, VS BUT  
ES HELP  
LOCATE IT

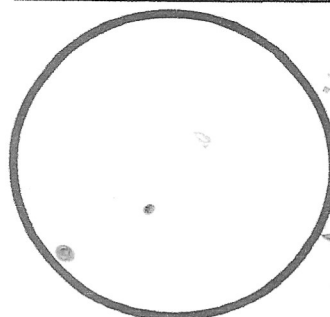
DATE= 7/25/2023 TIME=445 UT SITE= ACT C= II S=III SCOPE=22UC @240X

N 6481



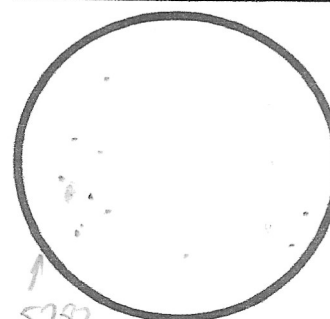
DS

N 5924



AV=3  
VS VF

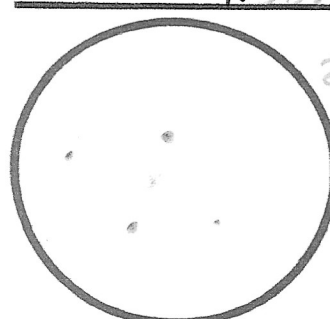
N 5783 ~~N 5788~~



5788  
AV=3  
VVF VS

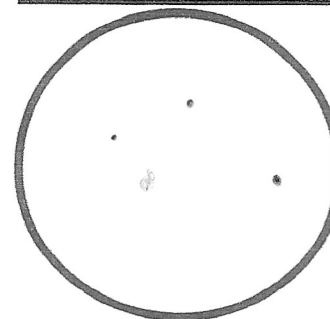
5783

N 5874



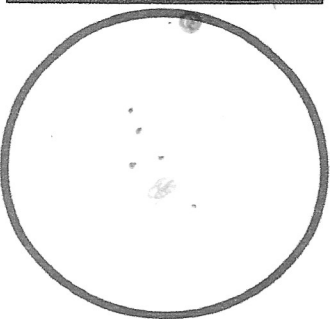
2 Flds to show  
 $\Delta$  of FS  
VFFS

N 7644



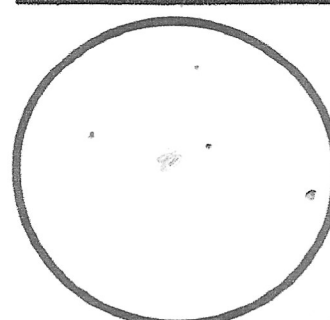
VS VF  
AV=2

N 7649



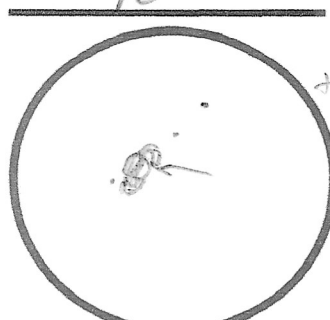
JUST N of B FS  
& cool pattern

N 7653



AV=2 near  
dom FS

N

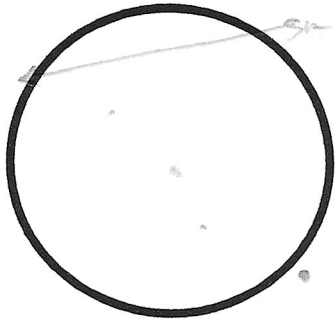


b:20

too unsteady  
shonings  
getting  
small!

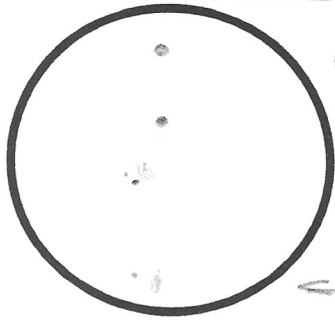
DATE=8/15/2023 TIME=310 UT SITE= ACT C= I S= II SCOPE=22UC @240X

N 4959



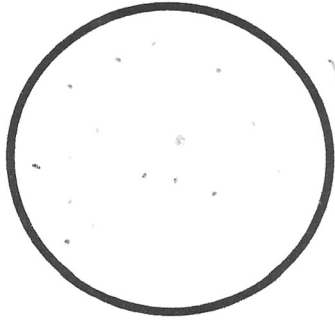
3111  
AV=3  
WF  
VVS

N 5157/5166 A/B



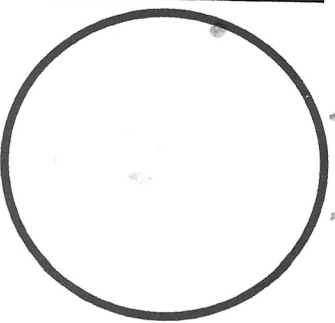
All Glows no  
OSTALS  
← 5166B AV=3  
← 5166A AV=1  
← 5157 AV=1

N 7527



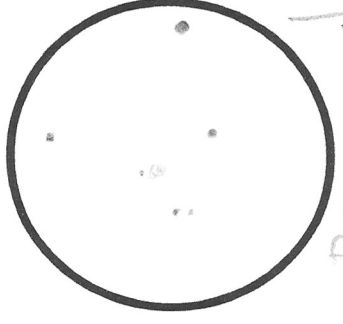
WS VF  
AV=2

N 6002



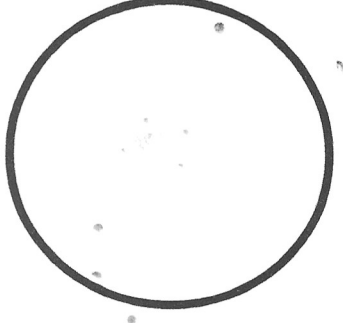
only sl. star  
← 6002 AV=4  
← 6001 AV=1

N 5974



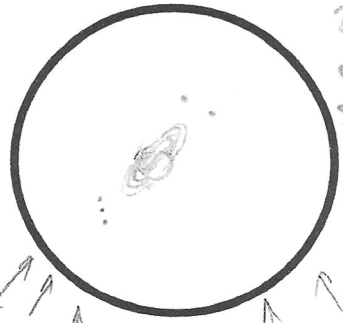
42910  
SNT  
MCE, R,  
AV=1 not  
front, S

N 6092



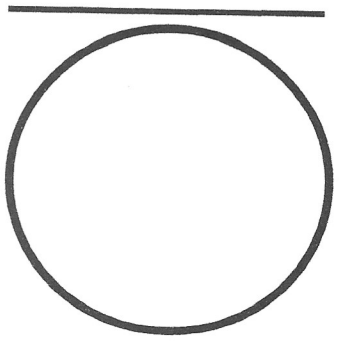
WF, S, still, N

\* 5110 UT



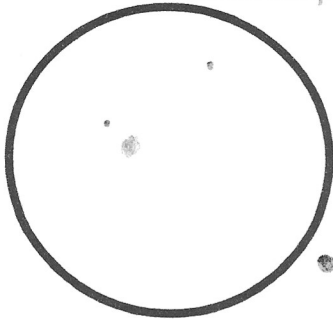
220X  
CASSINI'S  
SH RING ON DISK  
IN SH D AND  
1 BELT + POINT

↑↑↑  
T E D  
↑↑↑  
TITAN R



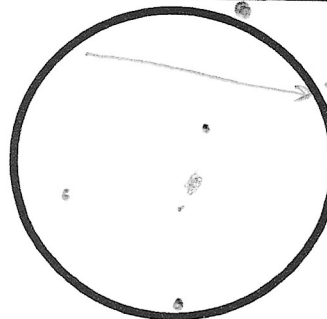
DATE=8/17/2023 TIME=500 UT SITE= ACT C=~~I~~ S=~~III~~ SCOPE=22UC @240X

N 5779



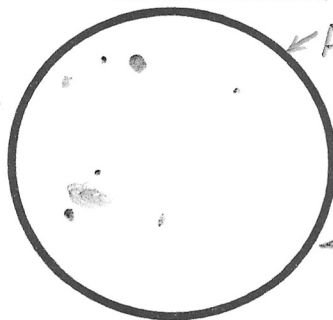
ROUND,  
NOT TOO  
FAINT, NEAR  
FS

5874



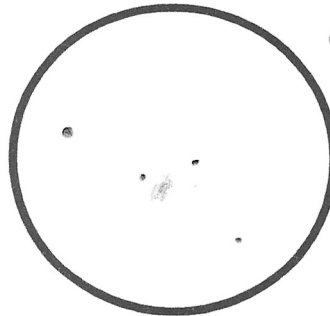
5.22  
mel slow  
pidim, r,  
small (nu only?)

N 5866A/67



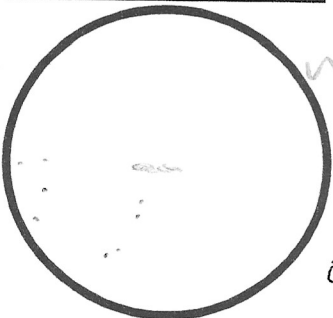
← A  
← 5866 ORAL,  
L, B, BETWEEN  
VF VS 2 FS  
← 5867  
AV=3

N 5876



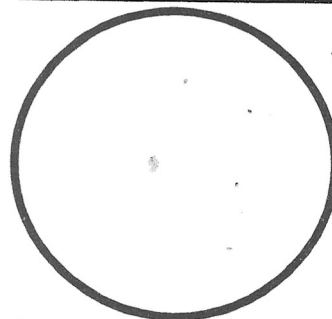
COOL!  
OFF FROM  
OTHERS,  
PB, mel size

N 5907



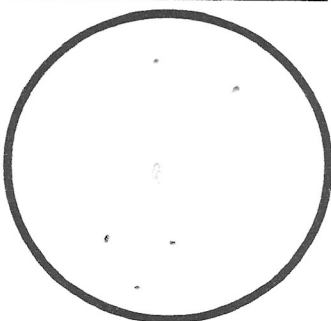
now!  
V. ELONG  
AND SOLID  
W/ HINTS  
OF ROTTING

N 5862

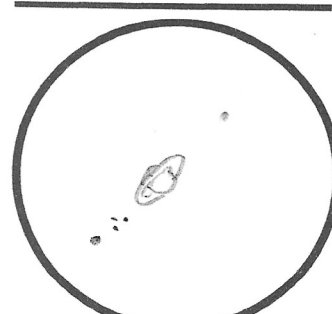


VF VS  
AV=3

N 5870



AV=2  
VF VS  
←



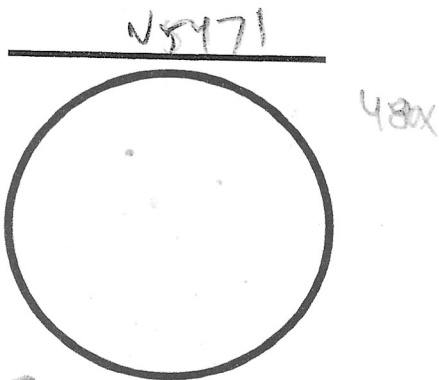
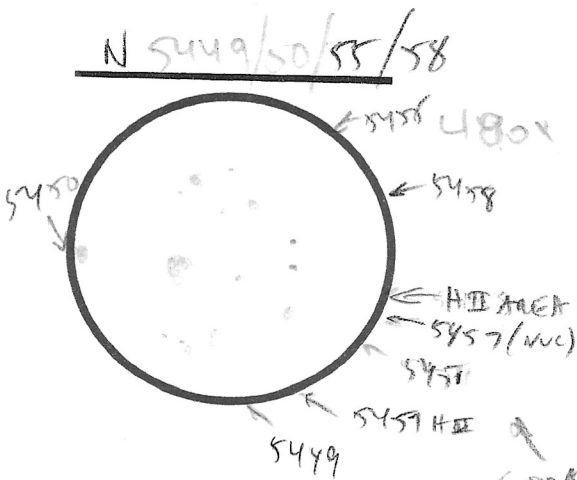
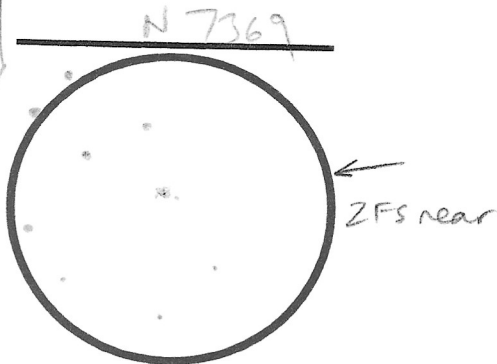
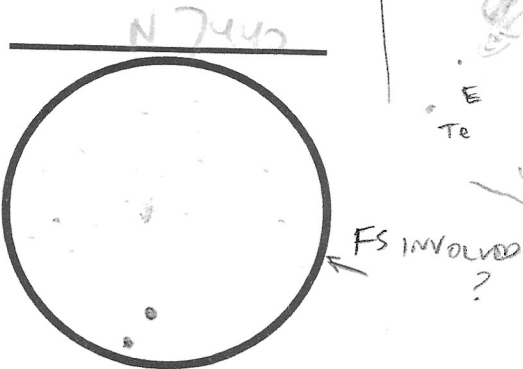
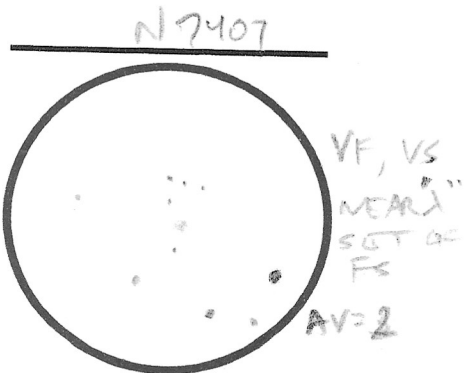
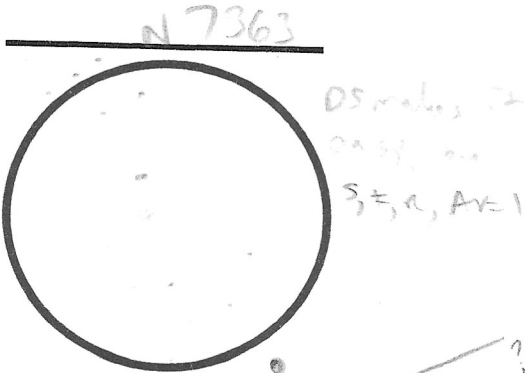
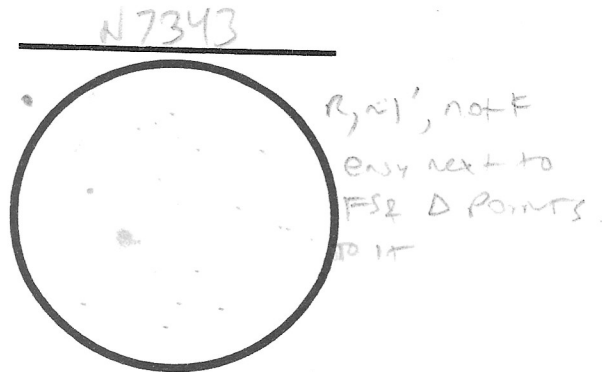
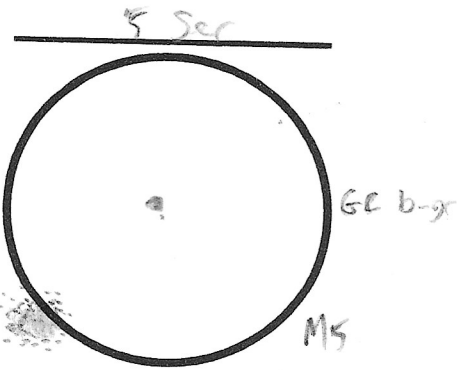
SIZES UP  
NOT STEADY  
← FS

↑  
↑  
↑  
↑  
↑  
↑  
↑  
↑  
↑  
↑

JUST BEFORE  
TRIANGULATION - JUST N OF  
5500 1x 2hr ←

200 UT  
HATED OUT

DATE= 8/19/2023 TIME= UT SITE= ACT C= S= SCOPE=22UC @240X



CONFIRMING