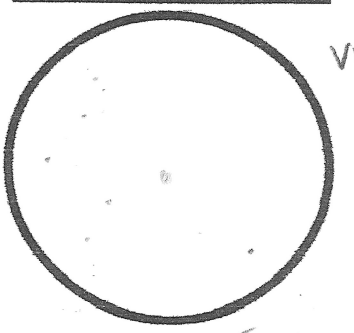
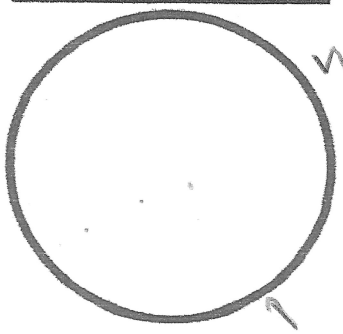
DATE=10/27/2022 TIME=2100 2158 UT SITE=ACT C=I S=I SCOPE=22UC @ 70x

463



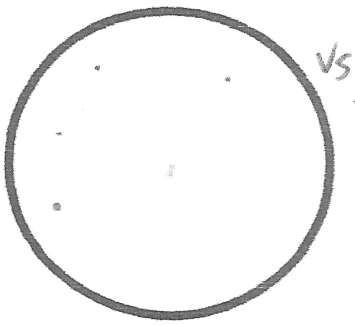
VVF, VS
AV=3

476



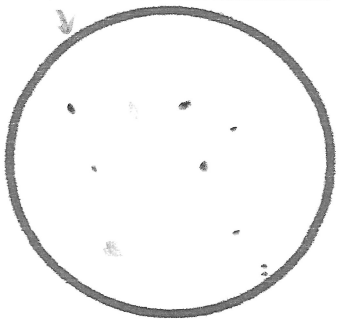
VVS VVF
AV=3

575

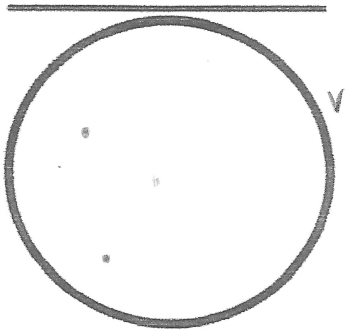


VS, VF,
slelong
AV=2

219 223

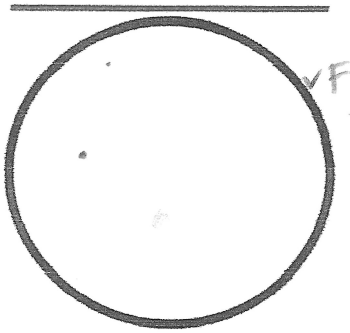


170



VS VF
AV=2

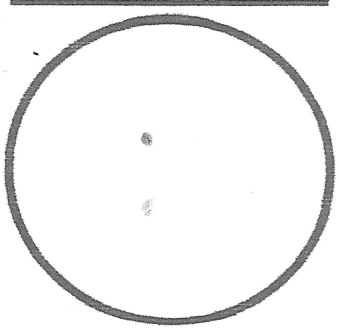
236



VF, L, R
AV=2

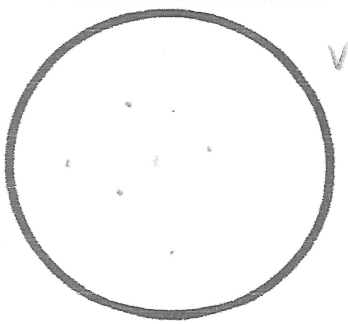
MPSC
←?

485



dim!
VS, AV=2

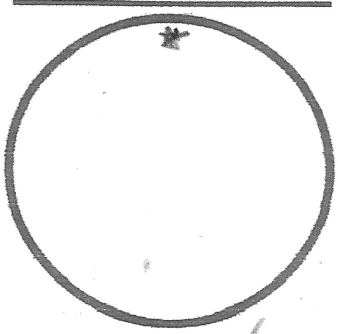
505



VVF, VS
AV=3

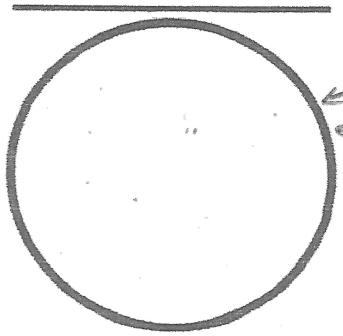
DATE= 10/27/20 22 TIME= 3:00 / 3:45 UT SITE= AOT C=I- S= II SCOPE=22UC @240X

716



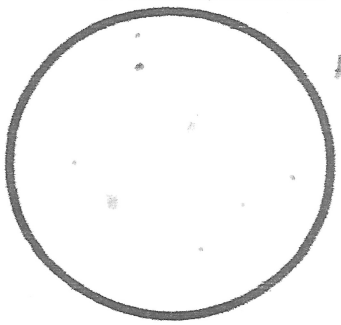
VVF VS
AV=3

683

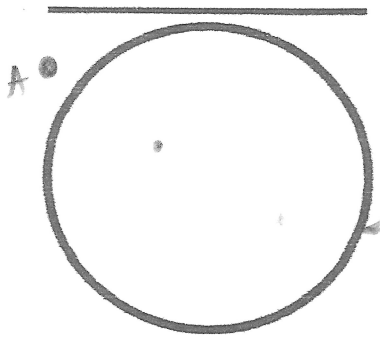


AV=4
2@14m

903/904

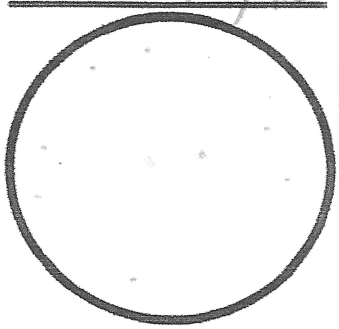


AV=3's



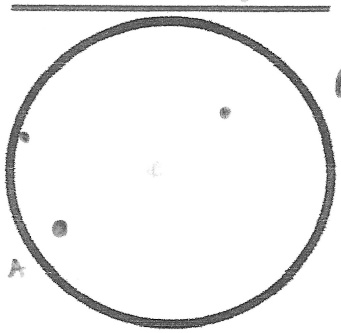
919
AV=3

915/916



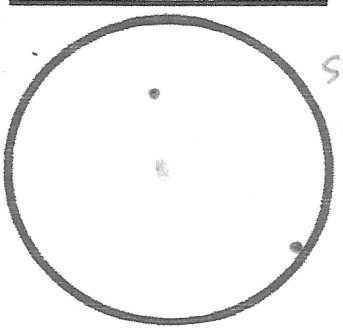
AV=4's!

928



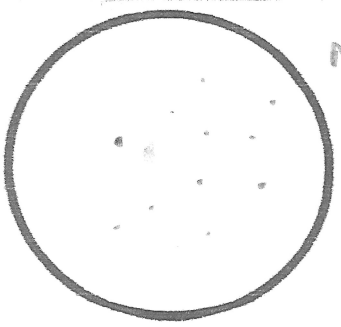
R, VF
AV=2

962



S, not too F
oval

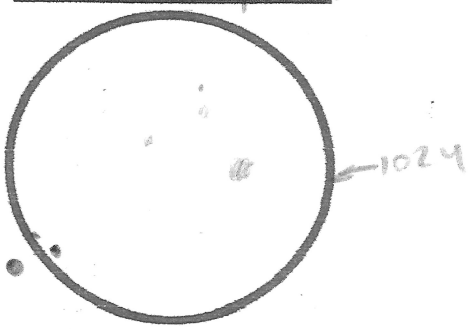
953



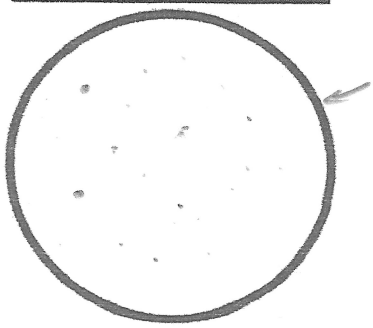
MCE FS
S, R, F

DATE=10/27/2022 TIME=400/430 UT SITE= ACT C=II S=II SCOPE=22UC @ 1/2X

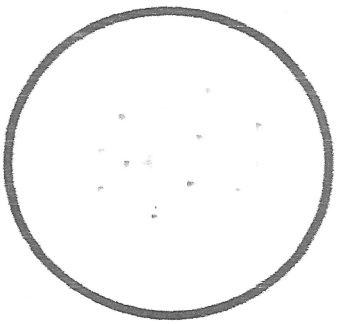
1028/1029



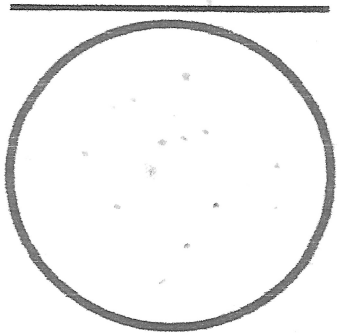
1335



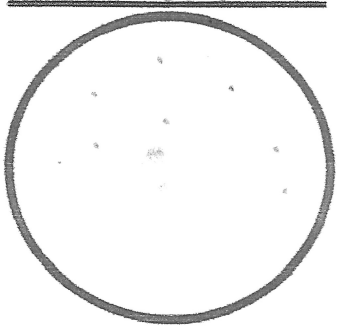
1334



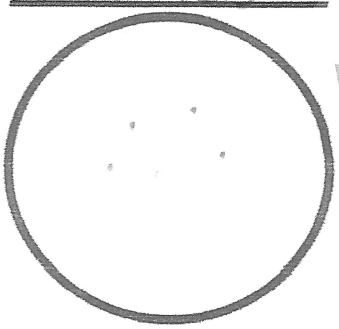
1265



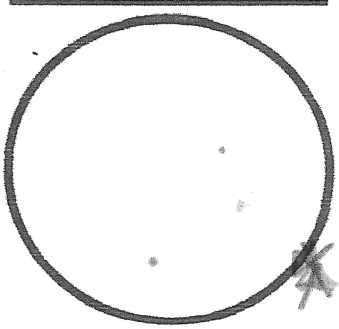
1276/27



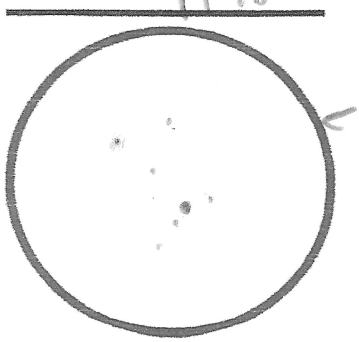
1213



1212



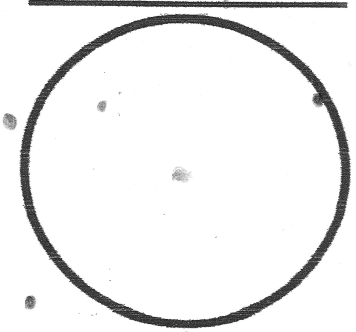
1198



O 24 100x
2340x

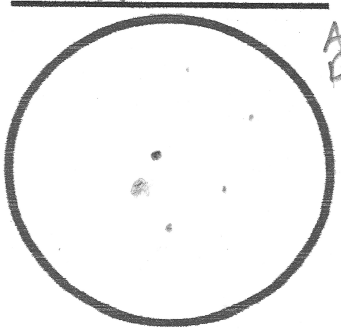
DATE= 11/23/2022 TIME= 0:15 1100 UT SITE= ACT C=~~II~~ S=~~II~~ SCOPE=22UC @240x

N 759



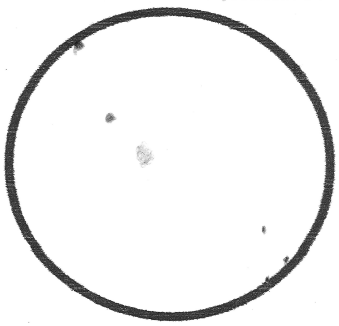
S, F, v. sl. elong

N 861

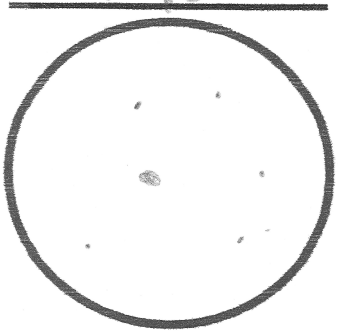


AVT ~~DSO~~ ~~*~~? I DON'T SEE IT
FNNT, R

N 933

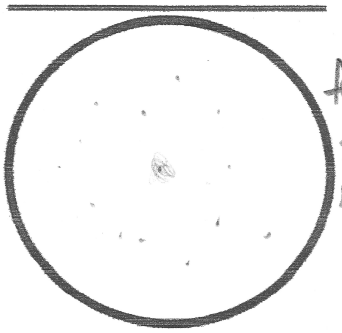


N 920



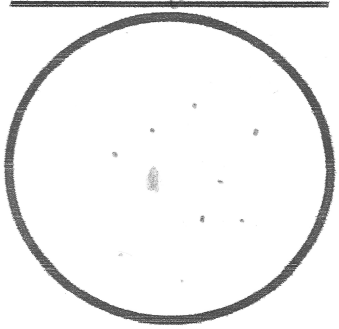
AV=3
VS, VF, R

N 860



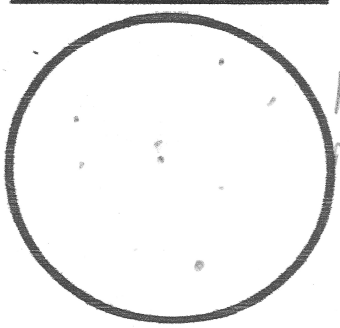
~~AV=3~~
STAR?
IN MIDDLE

N 865



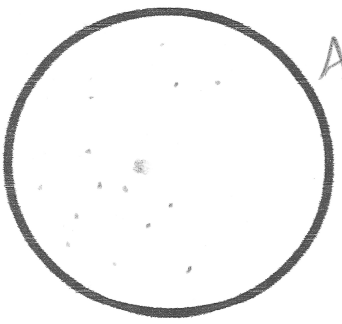
AV=4
INN, sl. elong

N 819



AV=3
NEXT TO
A FS

N 826



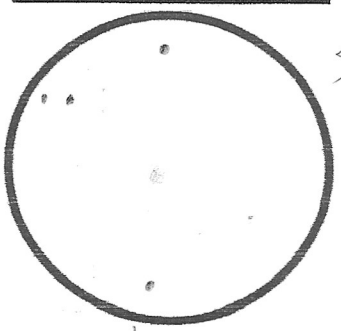
AV=2 sl. NUC.
R, VF, VS

♂ ♃ 12/13 23:40 UT 1x SW

12/14/22 23:25 UT ♀ 8x V. LOW @ EMERGE SW

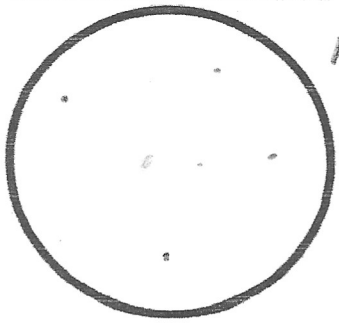
DATE= 12/14/2022 TIME= 030 120UT SITE= ACT C= II S= IV SCOPE=22UC @240x

N 369



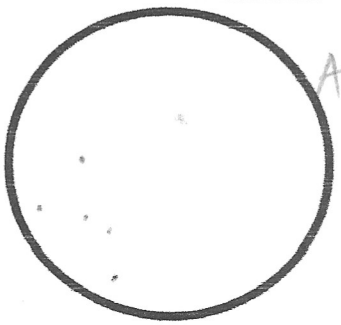
S, R, F

N 363



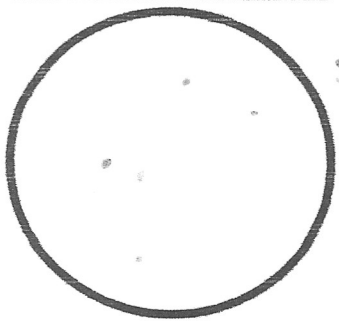
AV=3
R

N 417



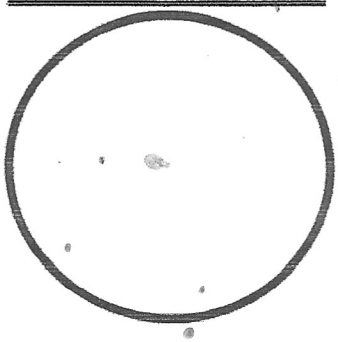
AV=3
some fs

N 487



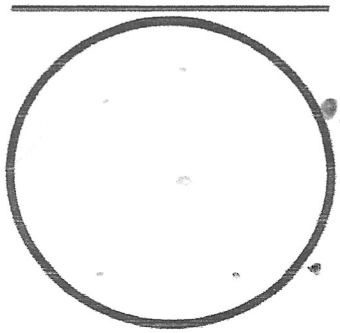
so dim
AV=4

N 594



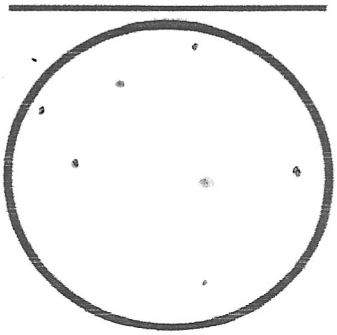
DV, sl E
EVAN Gal

N 648



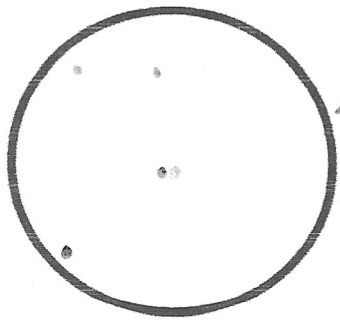
AV=2 NO DETAILS
plat dbl
not split

N 690



S, R, F

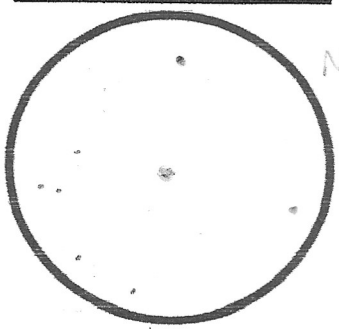
N 734



on a fs
& JUST
VISIBLE

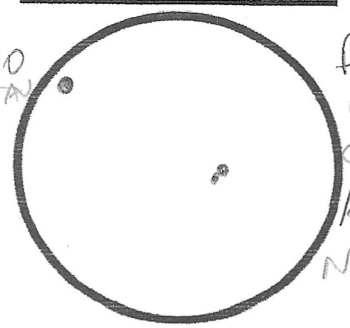
DATE=12/14/2022 TIME=2320 UT SITE=ACT C=I S=II SCOPE=22UC @240X

N 1118



NICE, PV

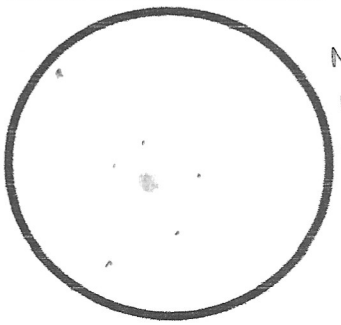
Σ 422 (TAU)



10 TAU

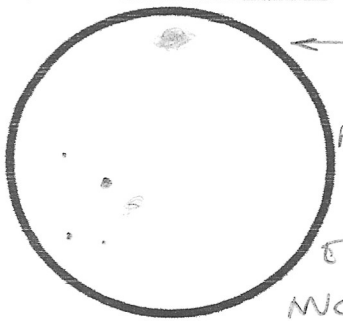
DSL MENTIONED BY WILLIAM CLARKE IN HIS ACT CONST. SUBMITTAL NICE & YELLOWS IN DIM

N 1194



NICE, R, NOT TOO S OR DIM

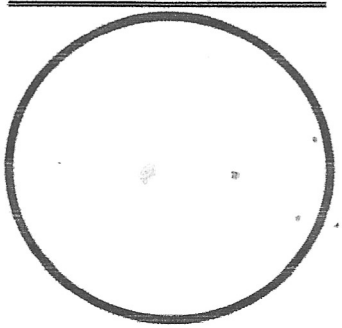
N 1195



←1200

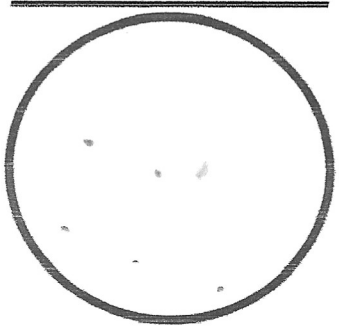
NEAR BRIGHTER N 1200, S, A BIT ELONG, HINT OF NNE. IN F.S.

N 1196



S, P BUT EASILY FOUND NEAR F.S.

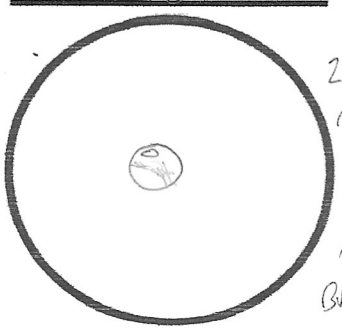
N 1204



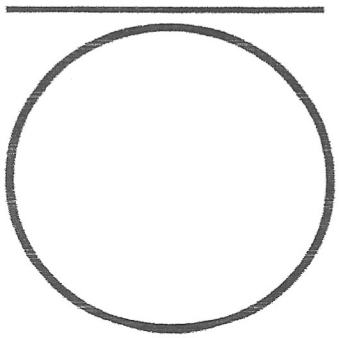
ANOTHER ONE IN GROUP, P, S

1200 ←

δ



240X no filters POLE, A FEW MARKS BUT SKY IS SO UNSTEADY

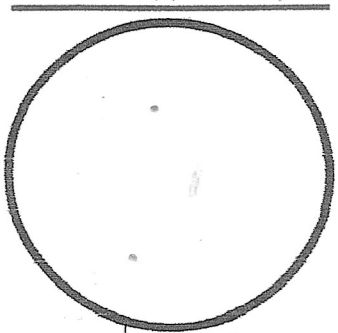


DATE= 12/18/2022 TIME= 030 (350) UT SITE= ACT C= I S= III SCOPE=22UC @246X

subs shenser NEW! 1:1 IOT NGC 344

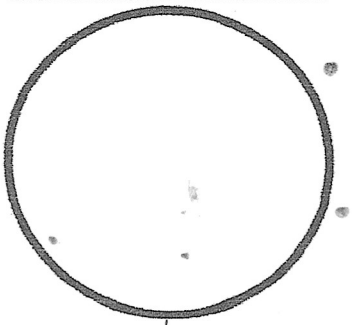
40349 20SEP N240 -23

N 344



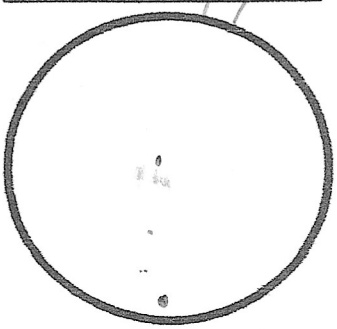
ES, F, AV=3

N 423

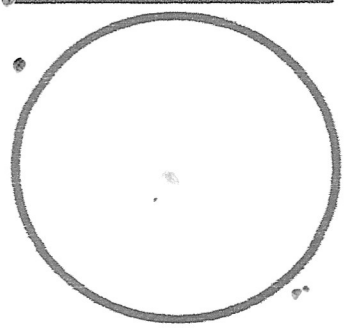


NOT F OR 2 TO ME

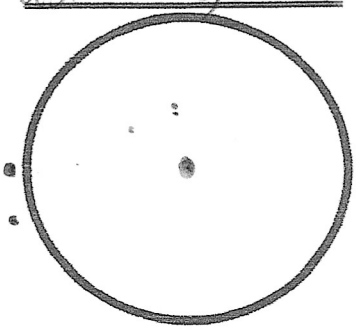
N 554/556



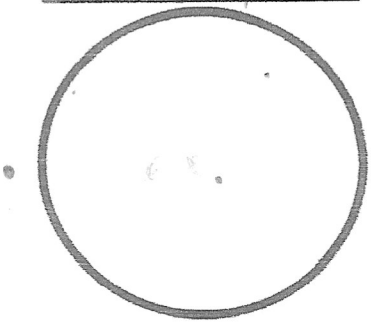
N 540



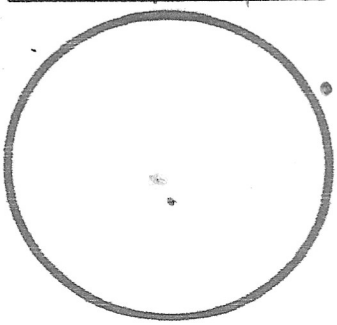
db/near T Cel



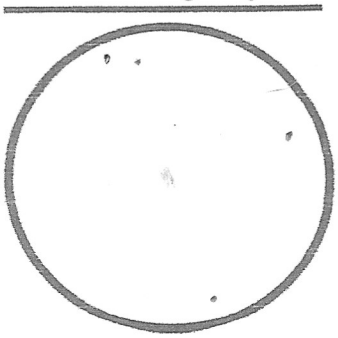
N 639/642



N 667



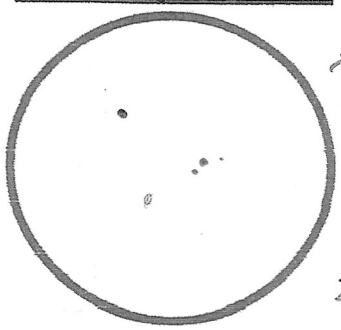
N 808



SEE

DATE= / /20 TIME= UT SITE= C= S= SCOPE=22UC @ X

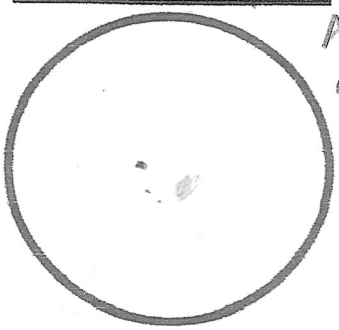
N 1034



TNV
12/18/22
ACT
I, II
22" 240x

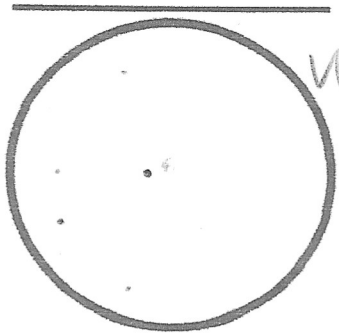
DATE= 1/19/2023 TIME=1040UT SITE= AGT C=II S=III SCOPE=22UC @24ux

539



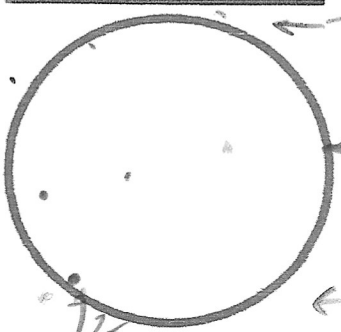
Av=3 VF
not S., even
glow

583



VFVS

756

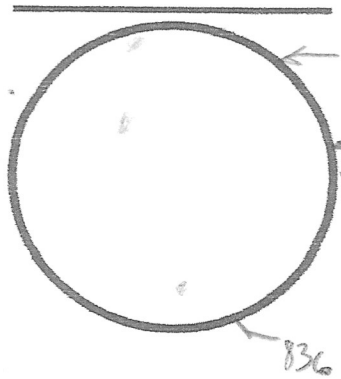


724 Av=3

756 Av=3

726

← some glow, VL

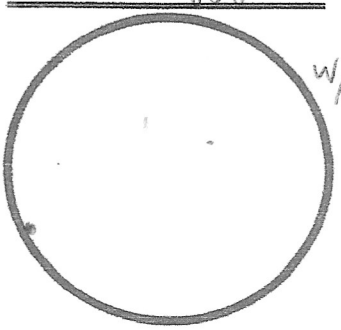


837

849

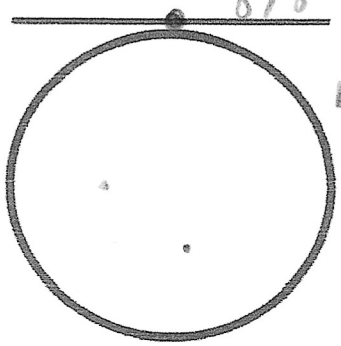
836

858



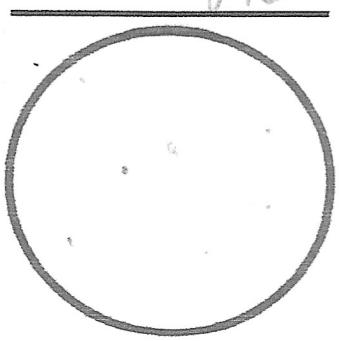
W/→

878



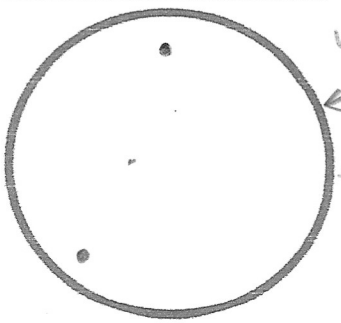
MEAN
R, S

892



R, S

874

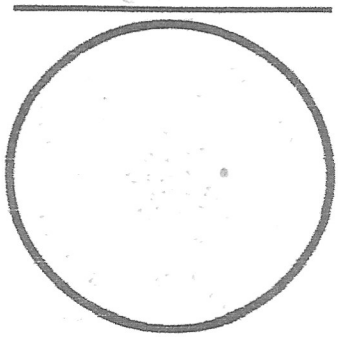


WHAT IS IT
← ? FUZZY
DBL OR GX?

eow 1x

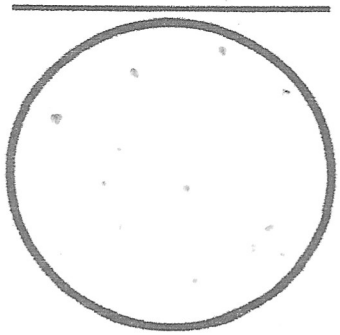
DATE= 1/19/2023 TIME=2100UT SITE= Act C=II S=III SCOPE=22UC @ 20x

2240



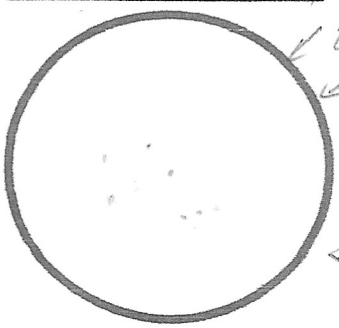
22" 8
100X
VI HARD
TO DISCERN

2242



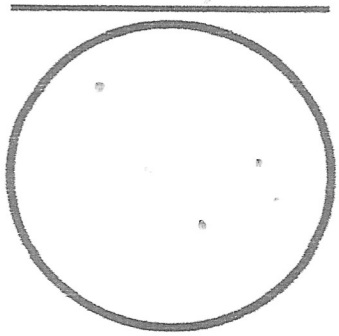
REAV = 4
TINY

2235+89/90

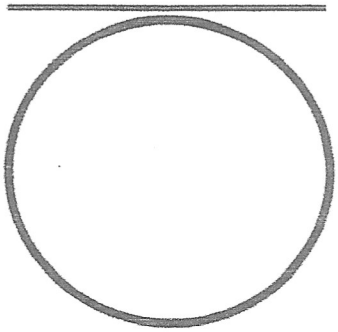


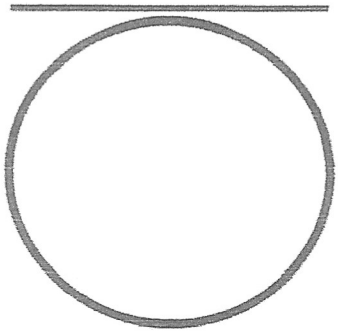
2239 (R,F)
2287 (R,F)
← 2290 (R,F)

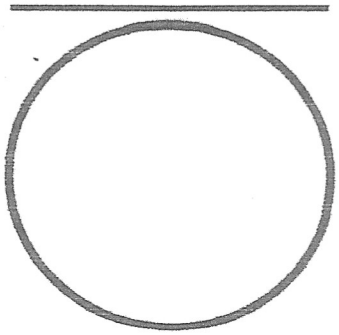
5277

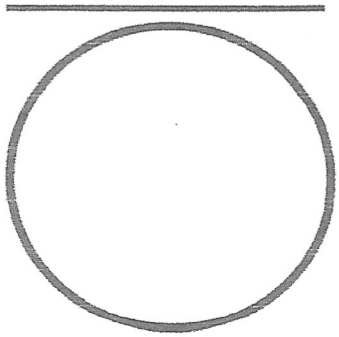


VF, VS









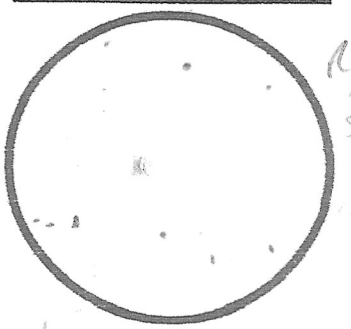
* ? IX 0:30AT

03426 ——— M4F →

IX +1m! Int

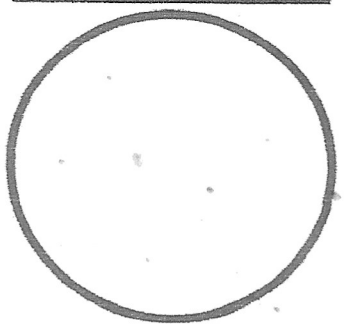
DATE= 1/21/2023 TIME=1:00UT SITE= Acr C= II S= II SCOPE=22UC @24x

N 2344



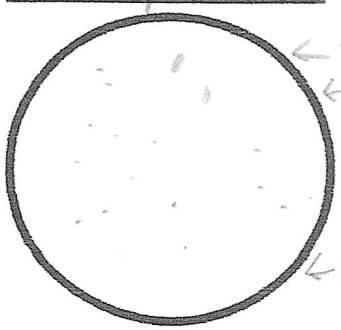
R, not S, seen well

N 2337



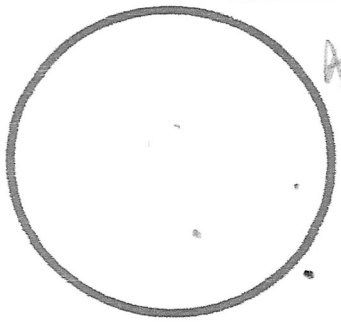
VS, VF

N 2373/5/9



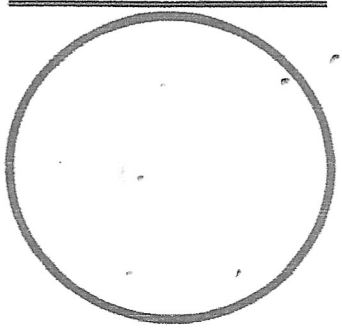
← 2377 AV=2
← 2375 AV=3
← 2373 AV=4

N 2393



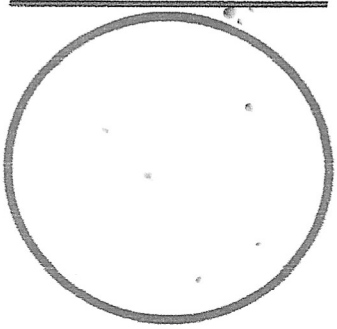
AV=4 VVF, VS

N 2445



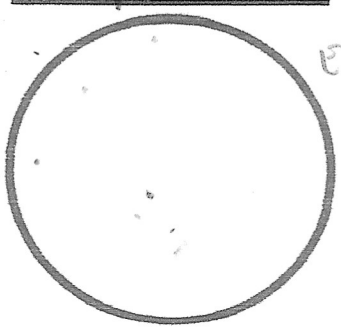
F, not S, near FS

N 2476



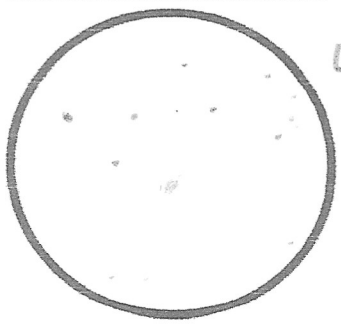
VS, VF

N 2484



EEF, not R

N 2410

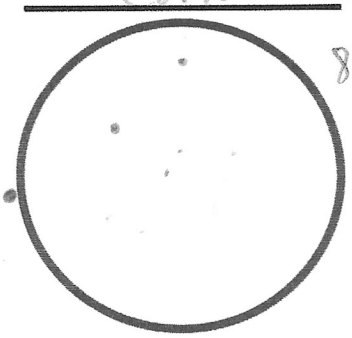


Long, not too F bar

C/2020 V6 ZTF

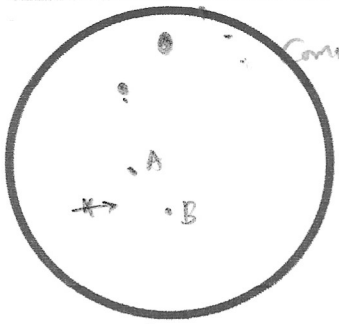
DATE= 1/28/2023 TIME=1:30UT SITE= ACT C= II S= III SCOPE=22UC @ 24x

Comet ZTF



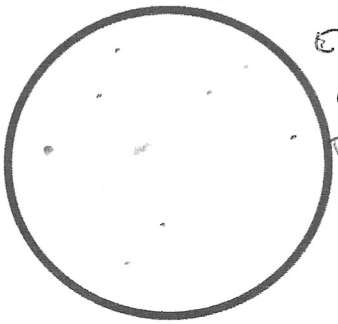
8x40

BW3



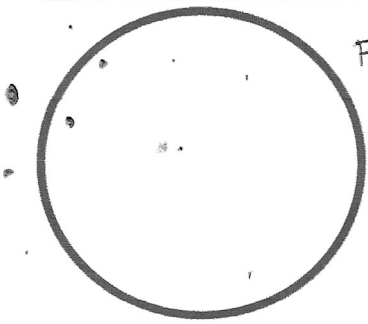
Comet
X>A>B
Y,2 5,2 6,2

N 2772



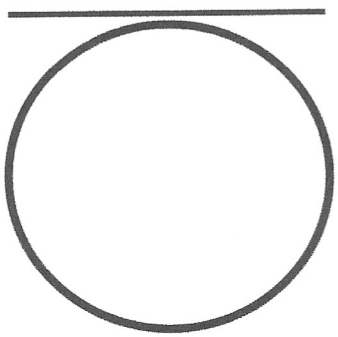
EVEN, ELONG
GLOW NOT
TOO F OR S

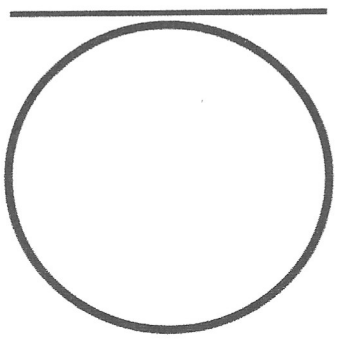
N 2676

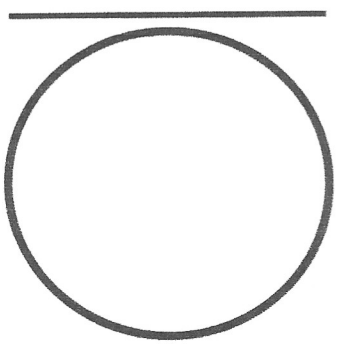


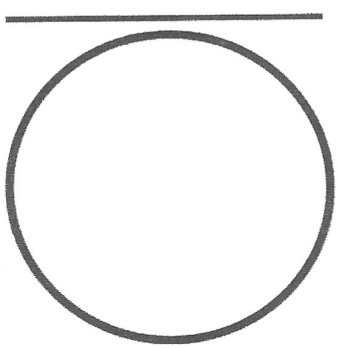
F, S, R,
GREAT
FS
TO EAST

Comet
OBS
NIGHT
AT
ACT
OBS







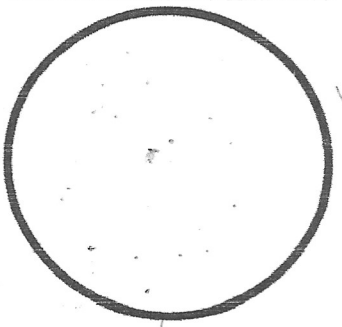


QFCV

CANOPUS
ETOH IN
3:07PM

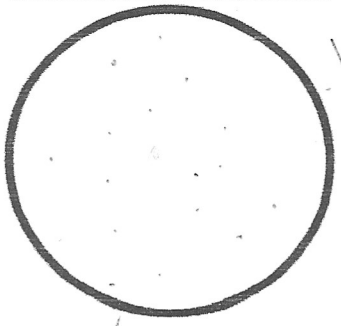
DATE=7/12/2023 TIME=1:30 OUT SITE= ACT C=I S=II SCOPE=22UC @24X

N 2561



VS, R

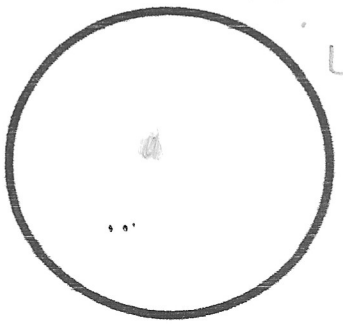
N 2538



VS VF

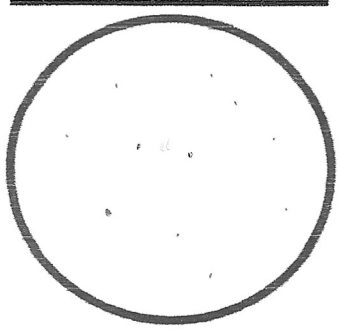
AV=3

N 2730



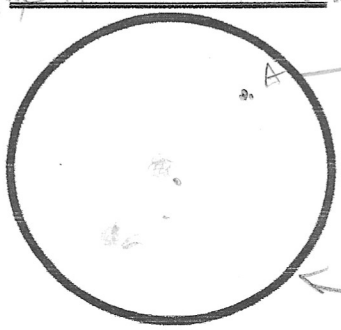
L, F, R

N 2734

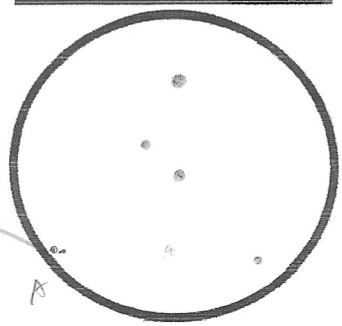


AV=3

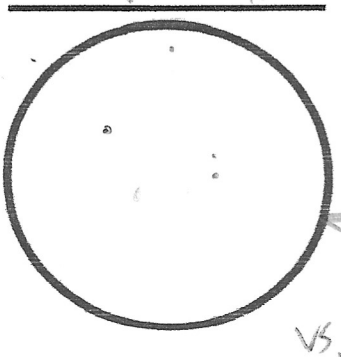
N 2911/2912 + N 2914



N 2919

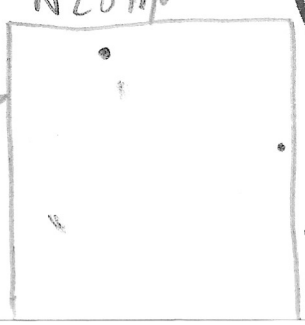


N 2913

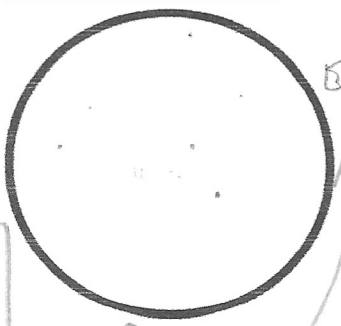


VF VS

N 2897/8



N 2900



ES, EF

AV=4

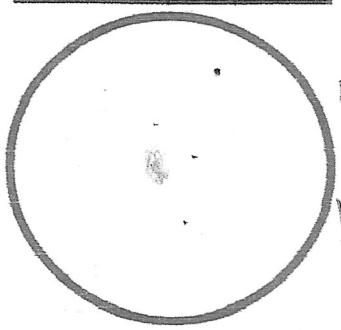
Ken Tau

Canopus

53 Aqr 4253 @ 12730 SE 5.5
83 Aqr 4598 @ 20000 ESE 6.0 ! 20s

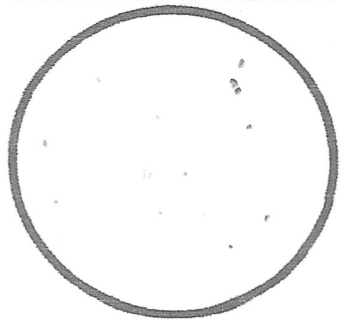
DATE= 3/15/2023 **TIME=** 1400 **UT SITE=** S ACT **C=** II **S=** III **SCOPE=** 22UC **@** 240x

N 1577



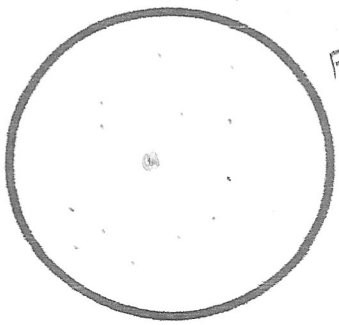
1577 on Urano
L, dim, some
bar? sl. elong.

N 1580



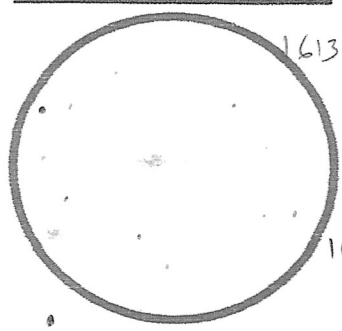
S, R, F
nice f.s.

N 1594



F, S, R

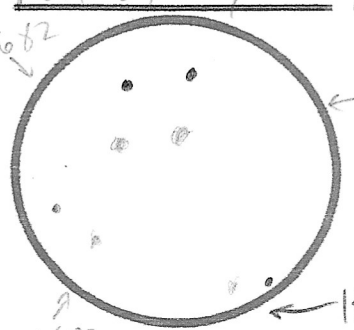
N 1612/1613



1613 S, F, R, but w/ nuc

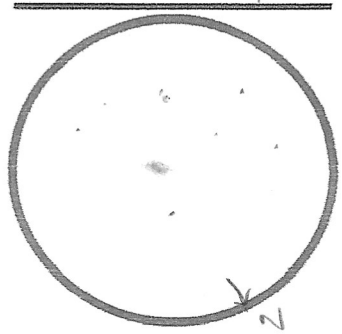
1612), F, R Av=2

N 1685 w/ 1682/3/4



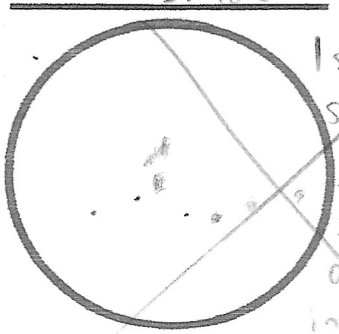
Smallest of 4, sl elong, no detail

N 3592



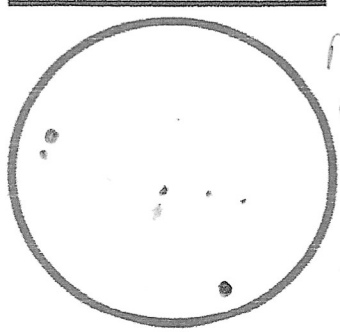
vF, vvl Nv=1
PA=60°

3748 etc.



I see 3 on N side, then 2 w/ one showing hint of being ? in contact (?)
All dim

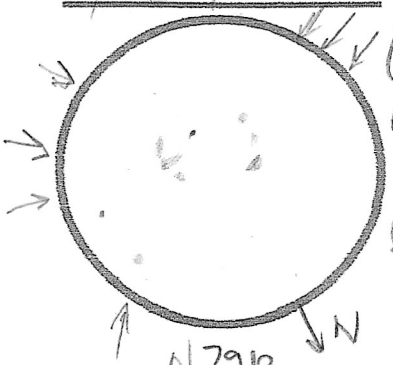
N 3758



NEARBY FIELD GX NEAR
F.S., S.L.G
S, F

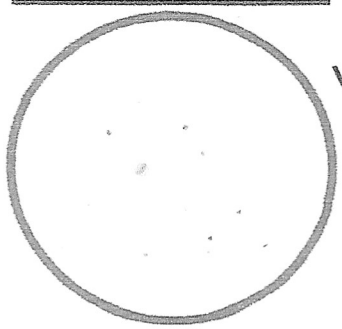
DATE = 3/15/2023 TIME = 24 UT SITE = ACT C = II S = II SCOPE = 22UC @ 40x

N3745/46/48/50/51/53/54



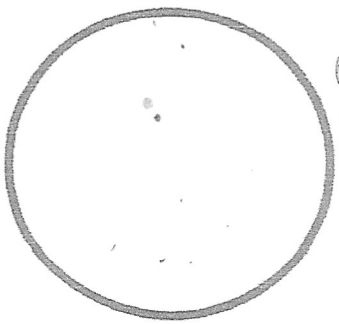
(expanded) revisited after looking it up & found all 6

N3828



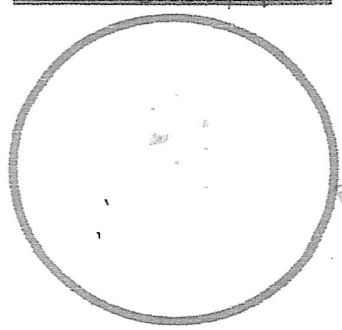
VF VS

N3910



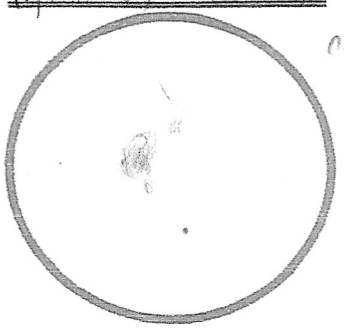
NEAR FS S, R, R

3933/4

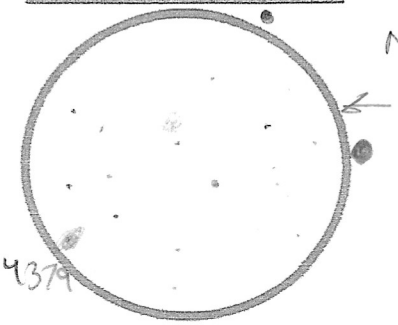


3933 brighter sl. E, 3934 R, vS, F

M100 N/2 (no 3) 4322 no 4323

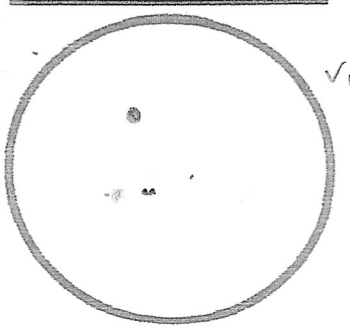


N4396



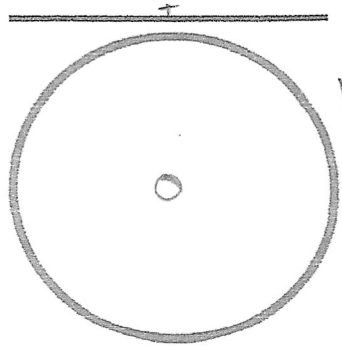
NEAR MUCH BRIGHTER 4379, not S sl 6 M, F (LSB)

N4523



v. near FS R dbl, F, S

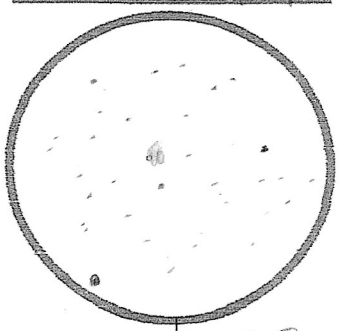
♀



back @ 1:15 UT

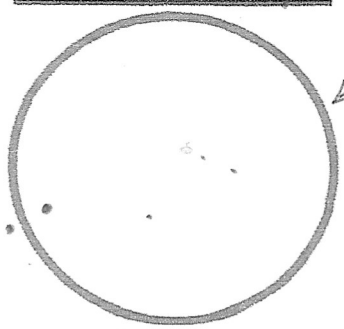
DATE= 3/15/2023 TIME= 4:10 UT SITE= ACT C= II S= III SCOPE= 22UC @ 240x

N 2119



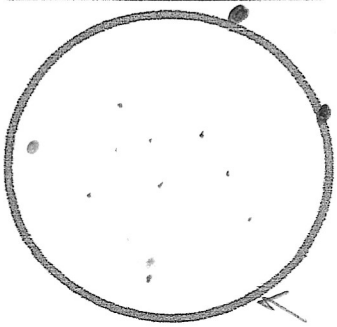
not too S,
F, R, near S

N 2817



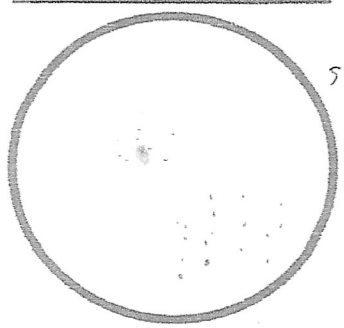
VF, VS

N 2850



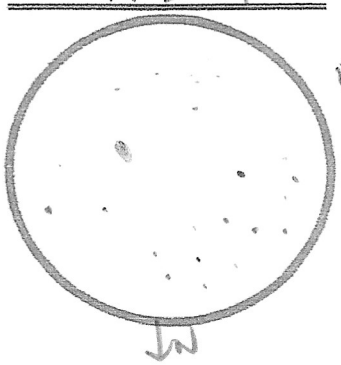
NEAR FS,
BOX PATTERN
FS, IFI
S, R, F

N 3035



sl E, sl bM, S, R
lots of vf
FS

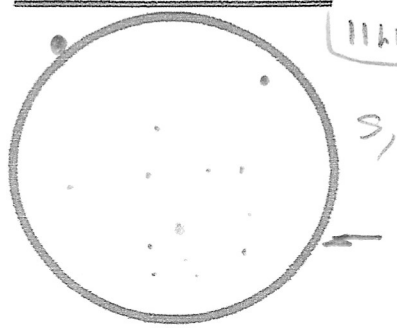
N 3064



E @ 45°
F

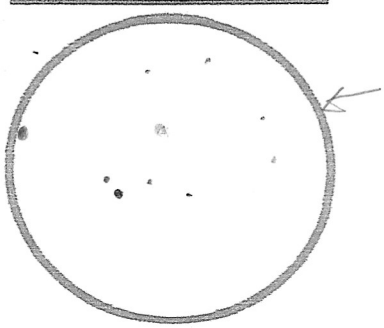
N 2504

36397 as GEOSAT
11h15 4:40 @ 10m



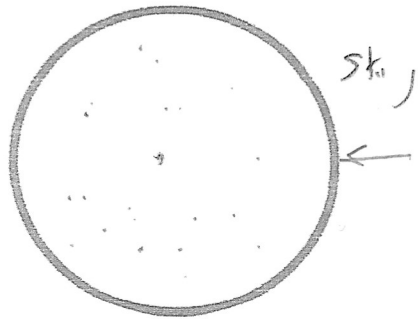
S, VF, R

N 2485



S, R, R

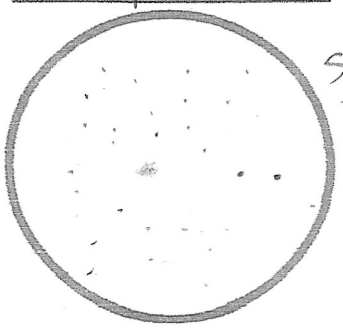
N 2491



Sk., tmy

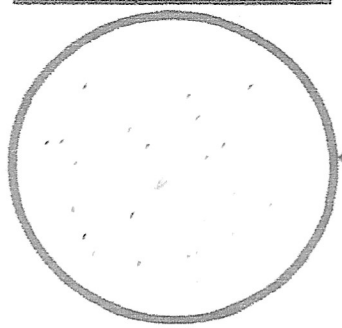
DATE=3/15/2023 TIME=600 UT SITE=ACT C=II S=II SCOPE=22UC @240X

N 2350



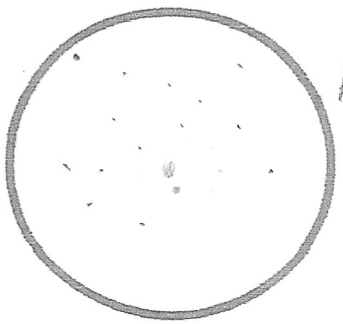
S, nr, vvv ce
2 stars →
F

N 2416



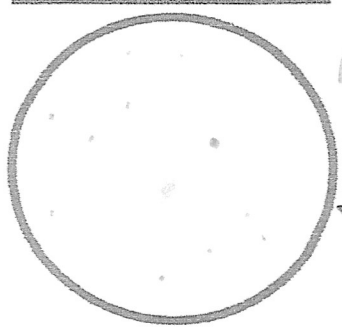
VF, +my, Av=3

N 2495

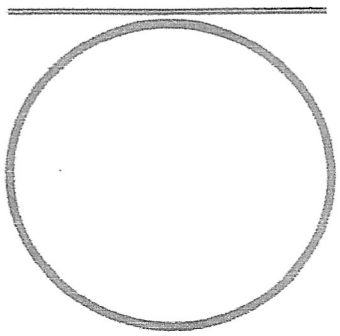


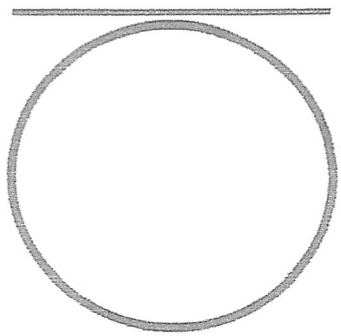
Av=3
R, VF

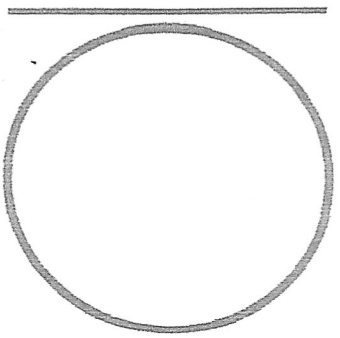
N 2499

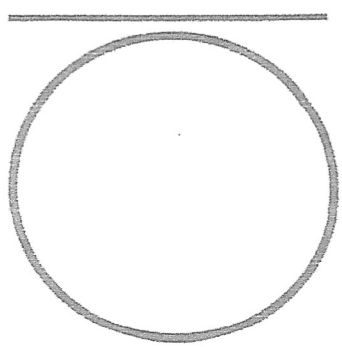


Av=3
VS, VR





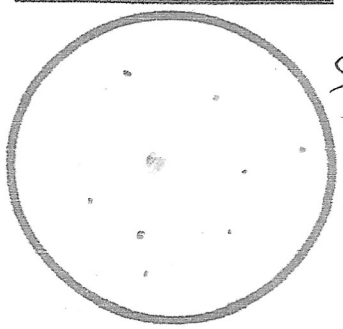




COLLIMATION OUT OF POSITION

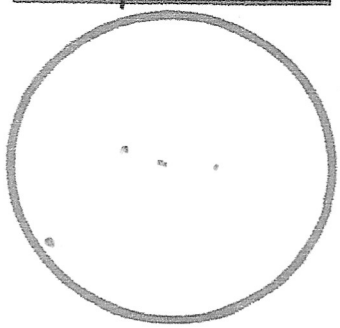
DATE= 3/18/2023 TIME= 1445 UT SITE= ACT C= ~~II~~ S= ~~III~~ SCOPE=22UC @ 240X

N3042



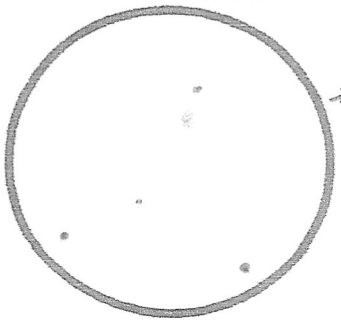
S,F,R

N3229



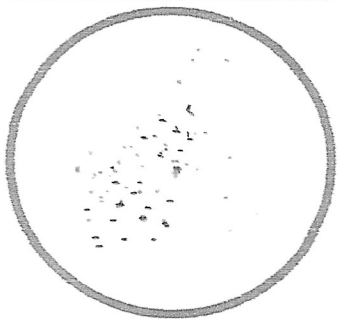
DS, NOT RESOLVED

N3376



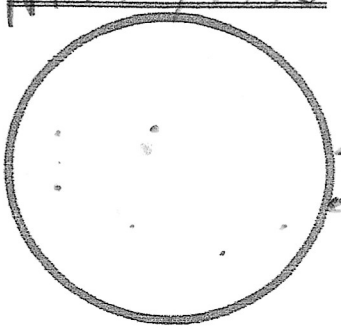
← F, S, some bM W/AV=3

N2433



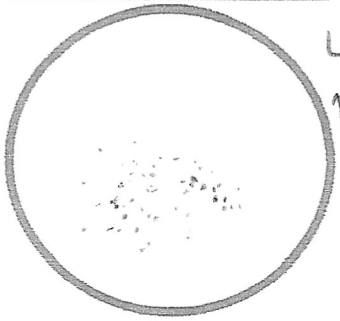
100X NEJS – JUST A PIECE OF MILKY WAY

N1740 / 1753



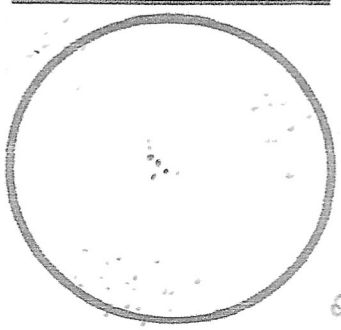
← 1740 S,F,R
← 1753 VF VS
AV=3

N2184



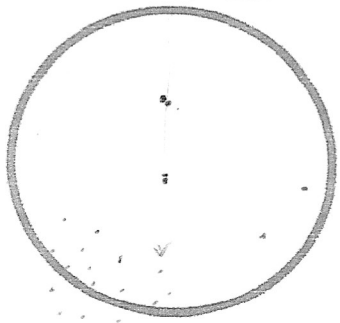
100X
L, P, M-F (12→m)
HALO TO DISCERN

N2338



RICH FLDS & STARS ALL AROUND ANY OC'S?

N2351

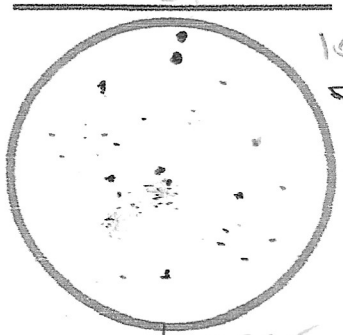


100X
3:24 VS
W/SCAT

7:13.6 → 16961 (60)
-10.5

DATE= 3/18/2023 TIME=335 UT SITE= ACT C=II S=III SCOPE=22UC @240X

2189

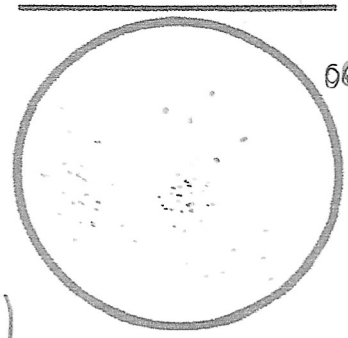


100X

← 2 FS POINT TO IT

(ITEM, 2 DC's NEXT TO PAIR OF FS)

2224

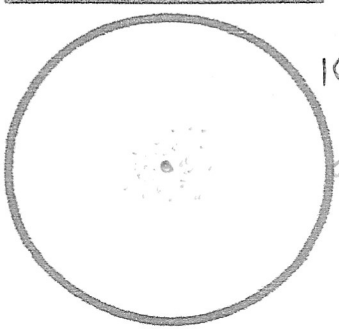


100X

DC, L, B

CAN PART. DISCERN FROM M. WAY

N 2265

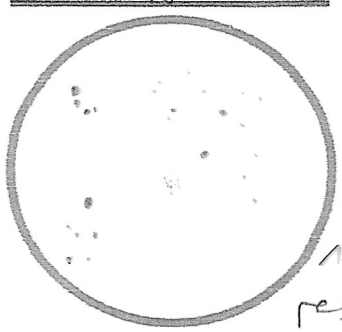


100X

BEES AROUND

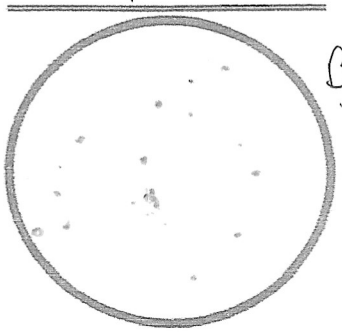
~M FS

N 2312



← VS, VF, not totally resolved.

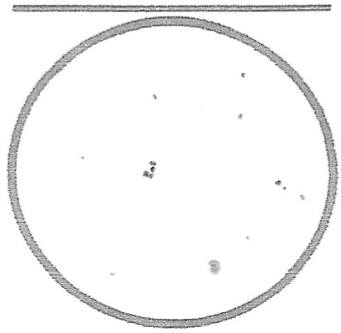
N 2319



B, S, nice FS

100X

N 2586



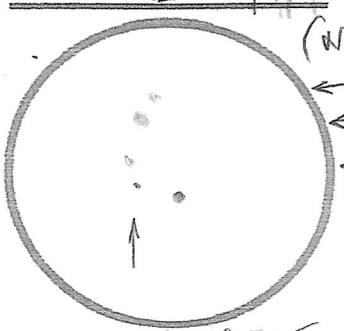
2 wide dbls stacked on each other

100X

NOT USED

ALT LOCATION OF N 2576

N 2583/4/5



(NO 2576)

← 83

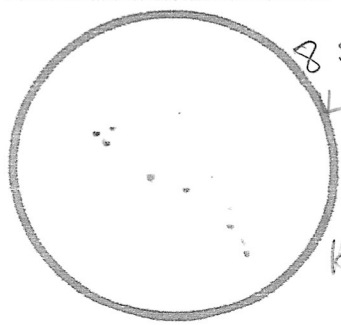
← 84

← 85

100X

MUST BE IT

N 3520



100X

8 STARS IN A LINE - LOOKS LIKE A HUNGRY HEARTWORM

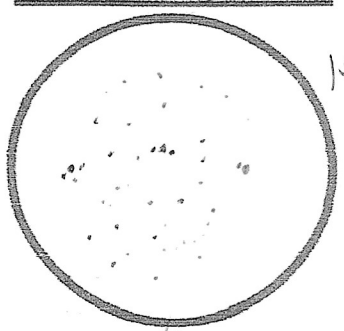
WENT TO N 3339 - ITS A STAR

Zeta UMa
Corvus
Zoom
Leo
Denebola
UMa
2:19:00 Sat
And beam = αBoo

ALIGNMENT & COLLIMATION
LSST COST ME HR
BUT SEEMS OK FOR NOW

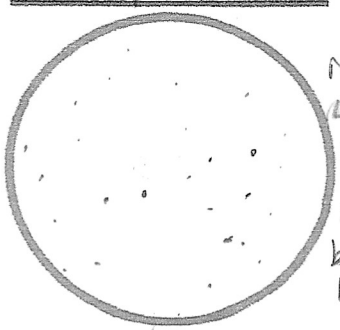
DATE= 4/12/2023 TIME= 1:30 UT SITE= ACT C= I- S= III SCOPE=22UC @ 240 X or 100X noted

N 2430



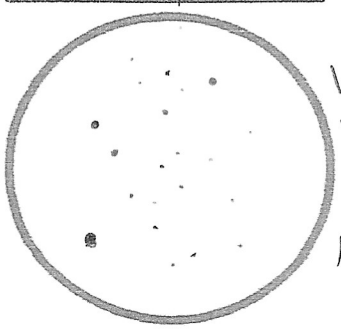
100X

N 1896



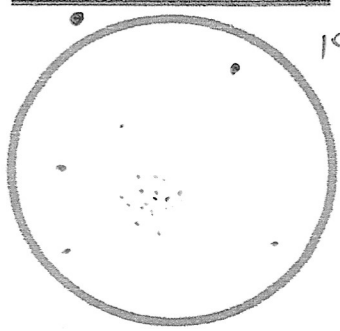
NOT VERY MUCH LIKE AN OC
ISOLATED,
L & v. P
bit bright stars
100x

N 1996



VVL WP
VB
D₀D₂
190x

N 1548

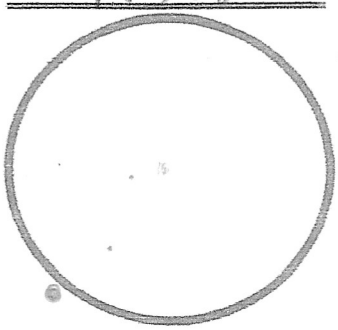


100x S, not dim a little rich, stands at

125

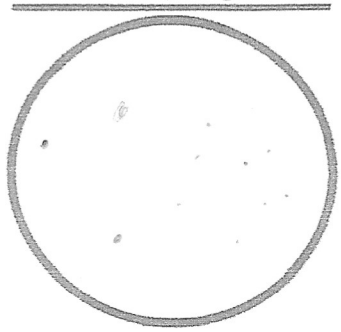
RAN INTO

N 5090

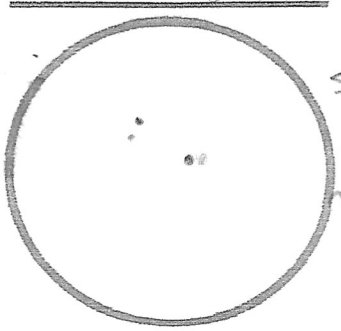


240x

N 5125

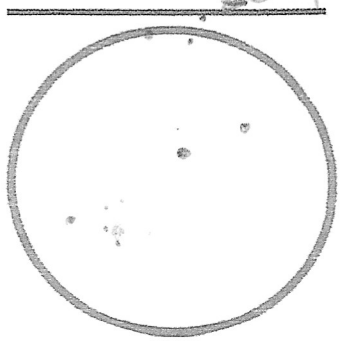


N 5261



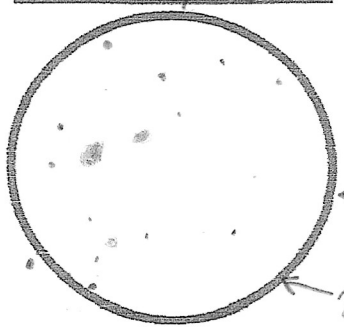
S, R, not too F
on a FS w/
neat stype to them

N 2644

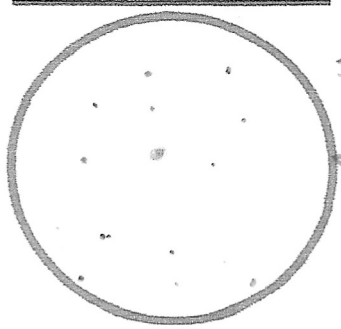


DATE= 4/12/2023 TIME=4:00 UT SITE= ACT C= F S= III SCOPE=22UC @240x

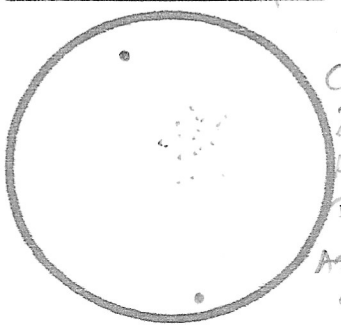
N 2510/11/13



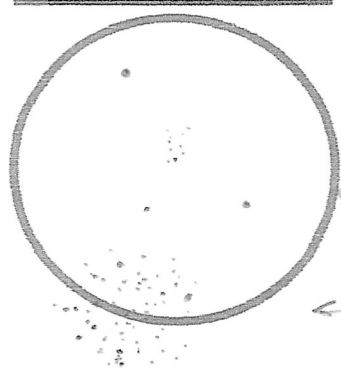
N2526



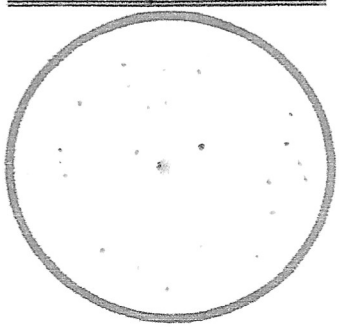
N2664



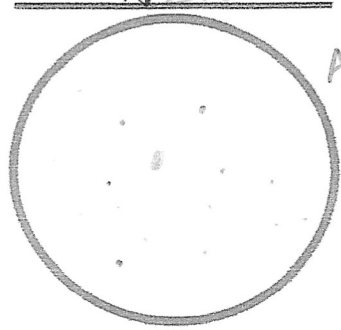
N 2678



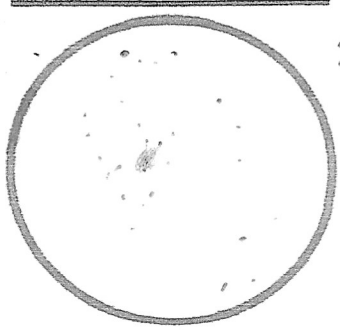
N 2657



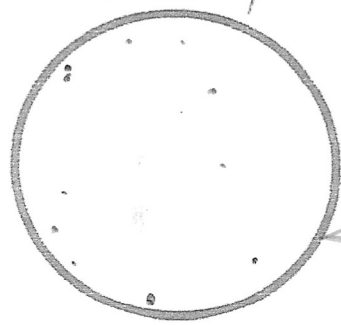
N 2651



N 2770



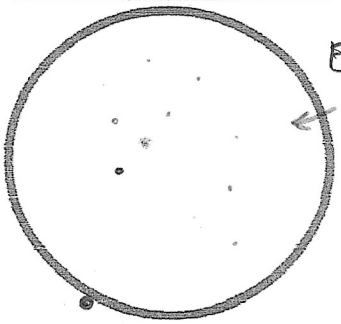
N 2877/2878



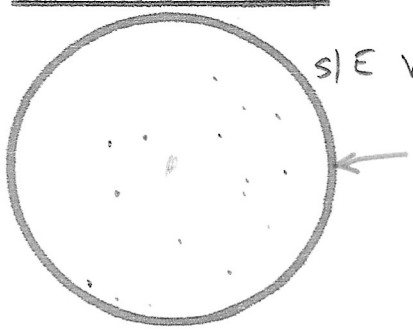
* ♀ DOMS COLLIMATOR HELPS ALOT – SOLVED
* ♀ really dimming TO WORK ON SCOPE

DATE= 4/13/2023 TIME= 1:30 UT SITE= AGr C= I S= II SCOPE=22UC @ 24 0x or note

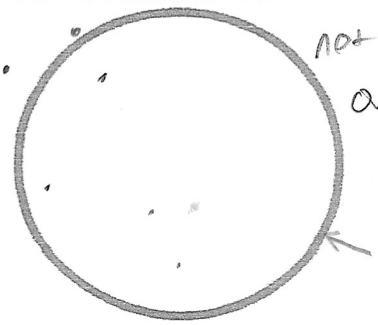
N 4432



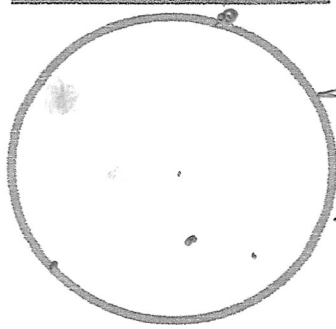
N 4471



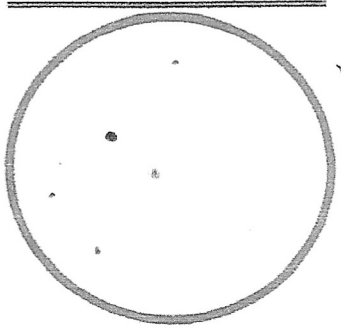
N 4522



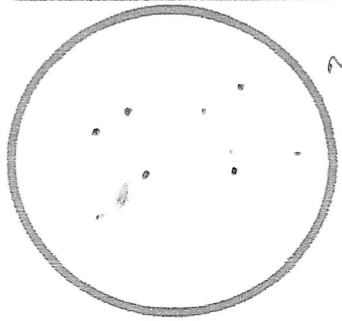
N4533/4536



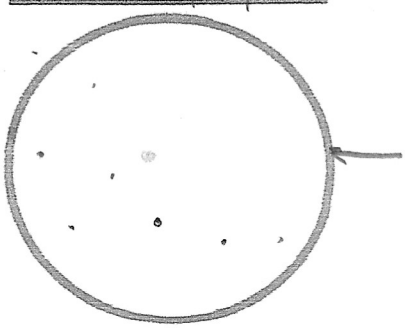
N 4538



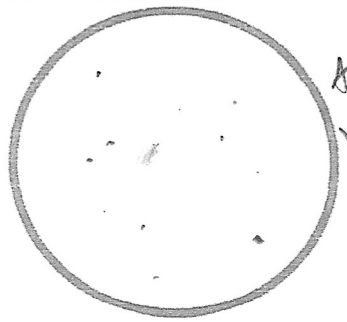
N 4544



N 4993

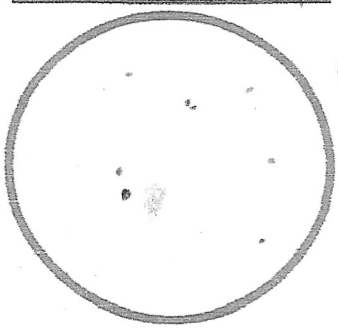


N 4992



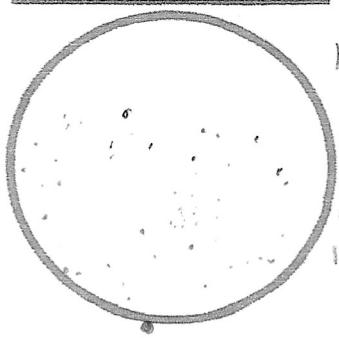
DATE=4/13/20 TIME=21:50UT SITE= ACT C=I S=III SCOPE=22UC @20X

N5499



EASY TO FIND W/OS, L, EVEN GLOW SL. OVAL

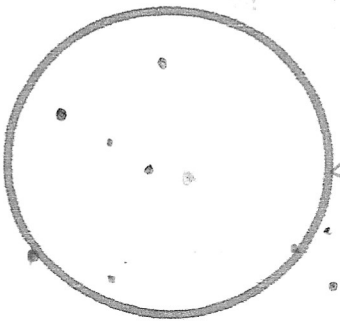
N2234



100X

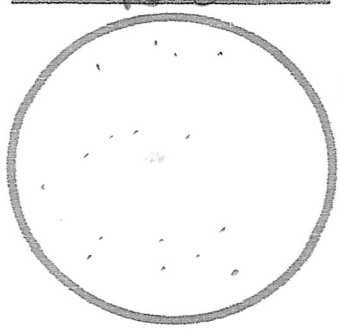
VERY L, SMALL CLUMP OF DIM STARS IN MIDDLE

N2365



S,M,F glow is even, but FS "extend" it along line of them

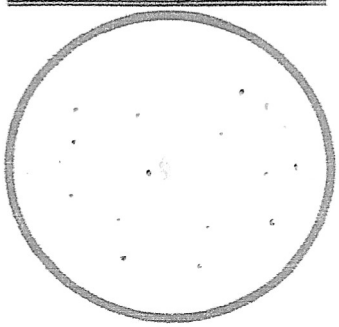
N2370



AV=2

S,F

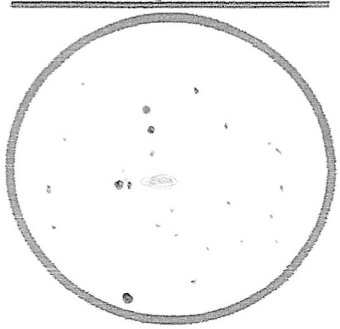
N2454



AV=3

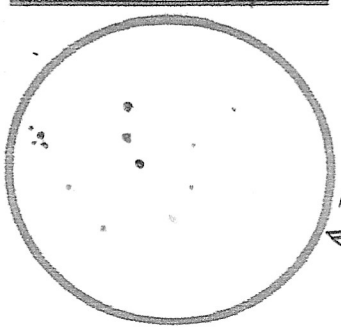
VS VF

N2398



GREAT FS POINT TO AN ELONG EVEN GLOW

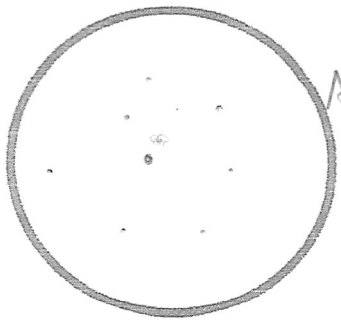
N2376



VS,VF

AV=3

N2405

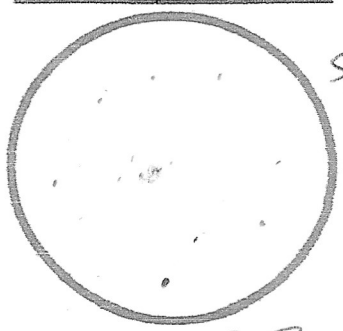


AV=3

VS,VC

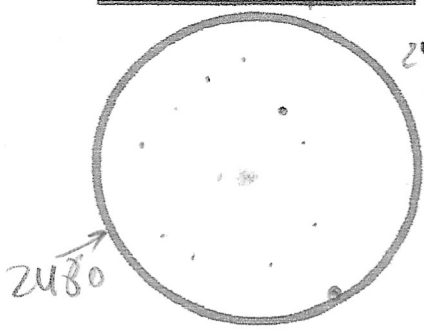
DATE=4/13/2023 TIME=4:30UT SITE=ACT C=I S=II SCOPE=22UC @240X

N 2581



S, VF, W/FS INVOLVED

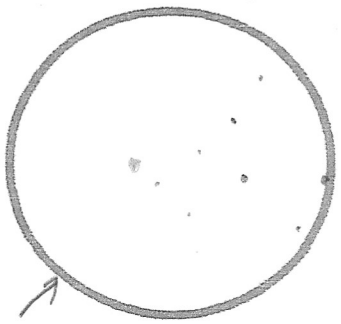
N 2480/2481



2480 IS SMALL VF ADJACT TO 2481

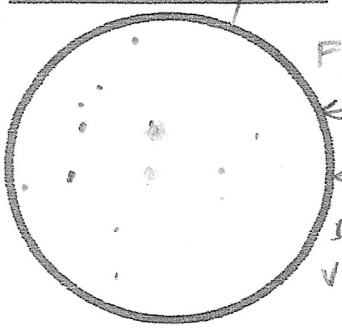
2480

N 2536



: VS, VF :

N 2490/2492

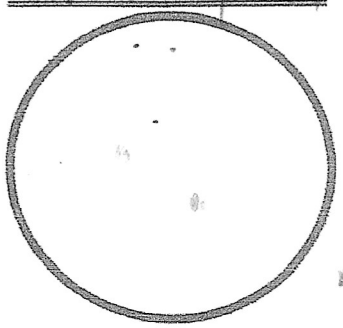


F, R, VS

← 2492

← 2490 DIMMER VF, VS, R

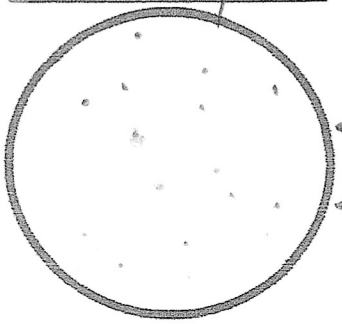
N 2486/2487



2486 VS, VF AV=3

AV=2 R, F, S

N 2449/2450

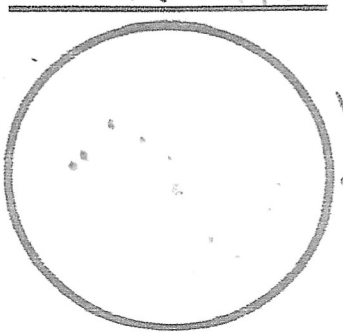


VS VF FS ON GLOW

← 2449 AV=3

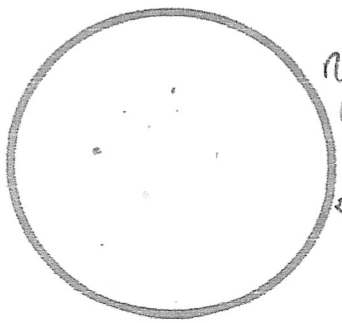
← 2450 AV=3 VVS VVF

N 2498



VF, VS, R ← AV=3

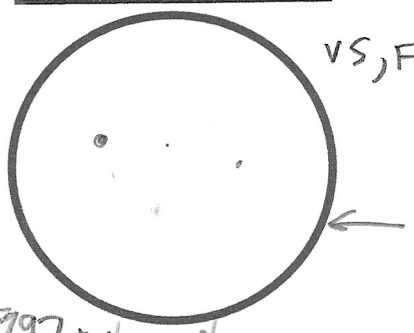
N 2503



REALLY AT LIMIT, VVS VVF ← AV=4

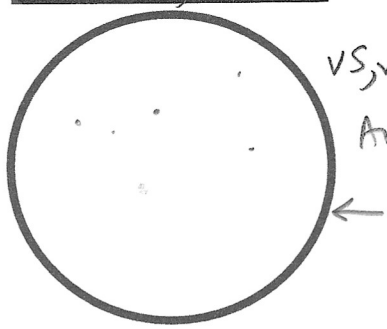
DATE=4/17/2023 TIME=200 UT SITE= ACT C=I S=II SCOPE=22UC @240X

N 5577



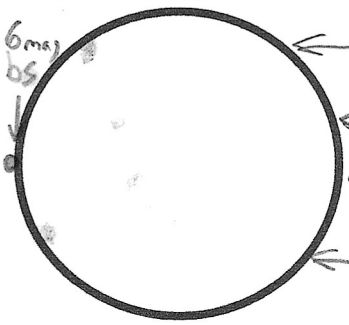
VS, F, R

N 5572



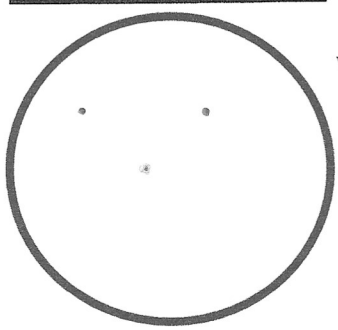
VS, VF, R
Av=2

N5797 + N5794 + N5804 N 5805



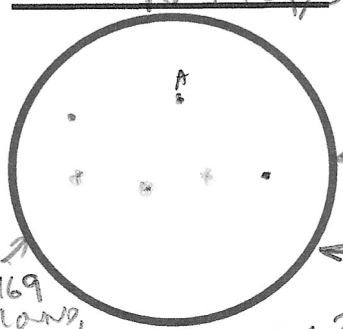
6 mag OS
Av=1 EASY, OVAL NO DETAIL
Av=2 VF, A LITTLE SMALL
Av=2 SMALL, BUT SEEN, VF
Av=1 SEEN WELL, sl S, F, R
reverse these 2 notes

N 5423



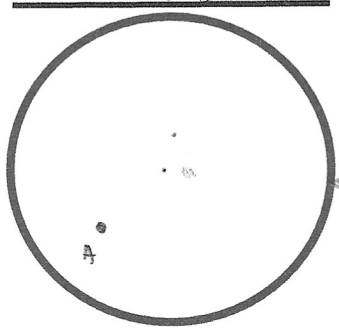
VVS VF STELLAR
5423

N 5424/31/69



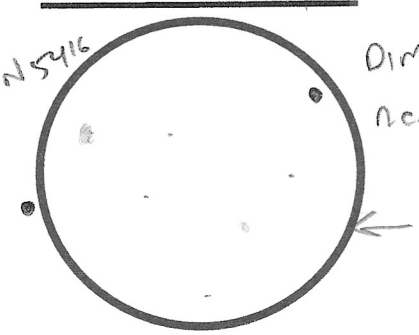
5431 dimmer S, R
5424 "STAR" IN CENTER
5469 ROUND, Av=2 NVC OR STAR?

N 5434



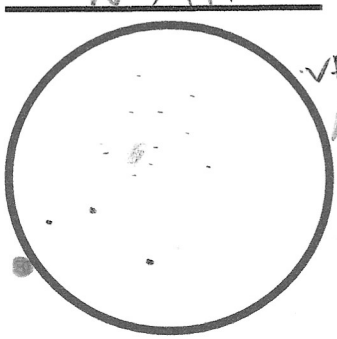
S, WF
Av=3

N 5409



N5416
DIM, VS, near 5416

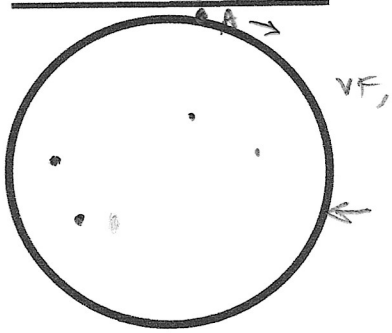
N 5411



VF, elong sl.?
Av=2
not too small
3 1/4 or

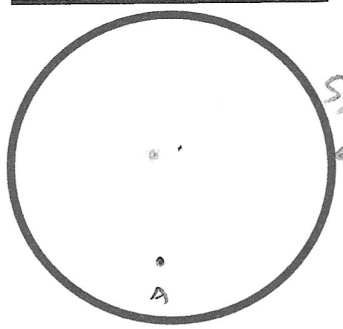
DATE=4/17/2023 TIME=315 UT SITE= ACT C=I S=III SCOPE=22UC @240X

N 5405



VF, oval, S

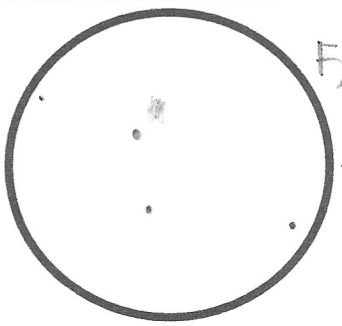
N 5418



S, R, not too F

← 5418

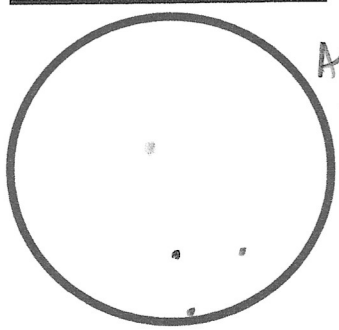
N 5470



F, not small

vgbM, some clang & mottling in g'ball

N 5487

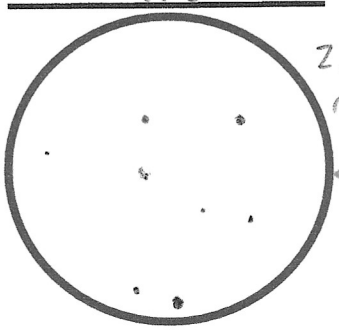


AV=3

WF VS

no detail

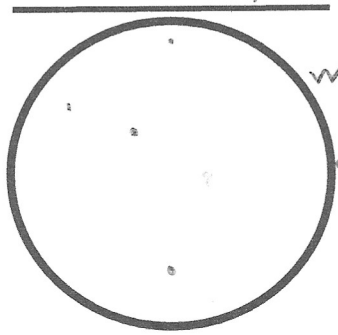
N 5557



2s in neb to me AV=4

← (not 3 stars in set as listed)

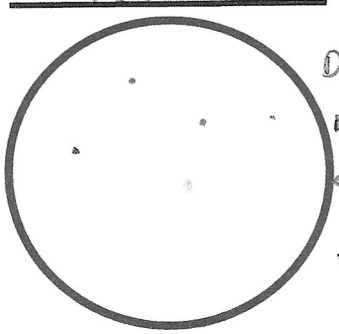
N 5537



WF w S no shape stellar

← AV=4

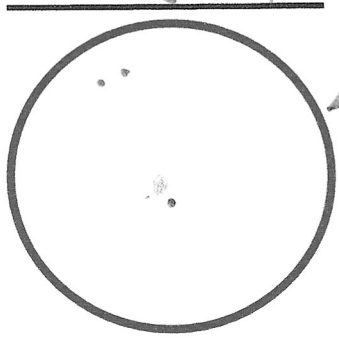
N 5543



DIMMER THAN N5537 BUT HAS A TINY ROUND STARE

← WF WS

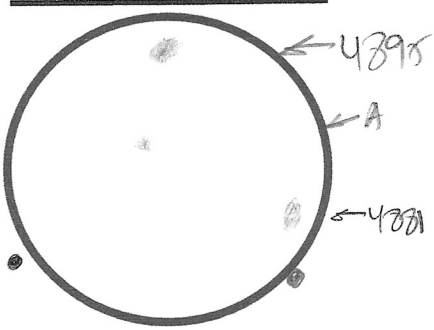
N 5521



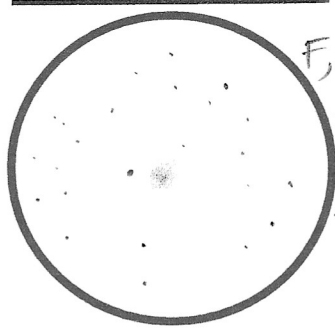
← R, S, F

DATE= 4/17/2023 TIME= 405 UT SITE= ACT C= I S= II SCOPE=22UC @240X

N4895 & A + N4881

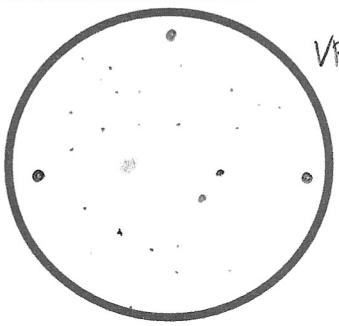


N4978



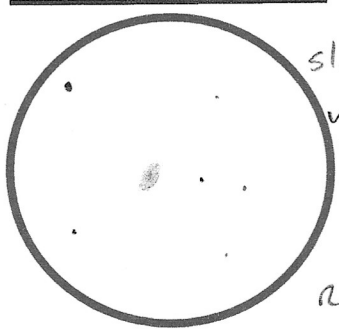
F, R, not small
gBM but not
stellar (unless
they meant nuc)

N5158



VF, S, R, AV=2
but great fs

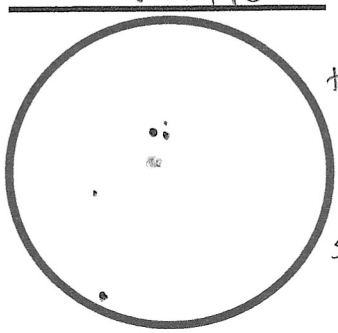
N5172



sl. "tipped" oval
w/ good even nuc
gbm, a little mottling

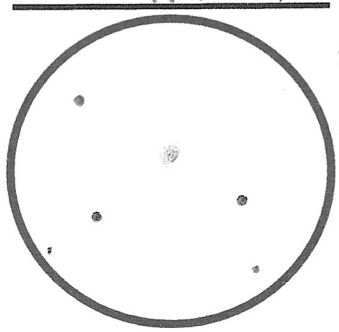
2:27 UT SAT PASSED
R TO L ~6m

N5190



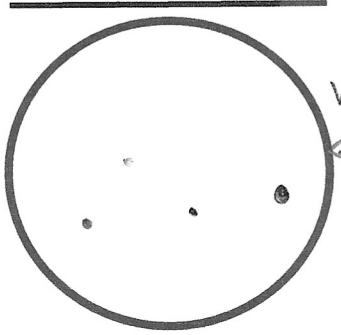
ts f all right!
O, b, W PA ~ 0°, 40°
S, R, b nuc as
stated Cool!

N5217



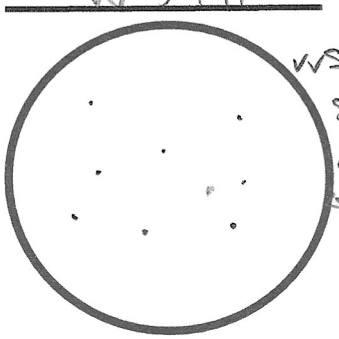
R, F, a bit S
sbM

N5391



WS, VF, stellar
but
more!
AV=2

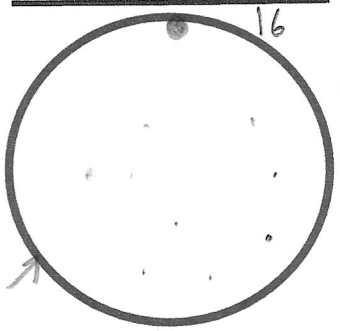
N5441



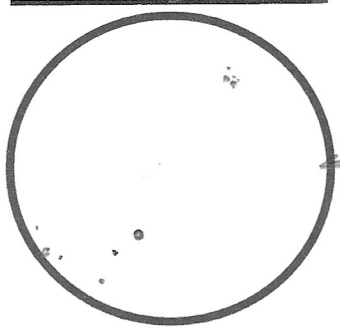
WS, F
stellar
AV=2

DATE=4/17/2023 TIME=510UT SITE= ACT C=I S=II SCOPE=22UC @240X

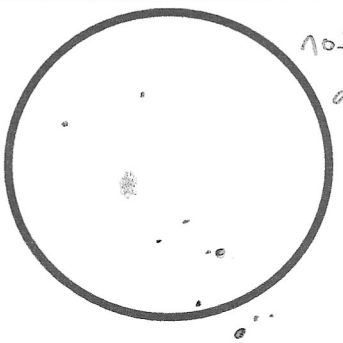
N2308



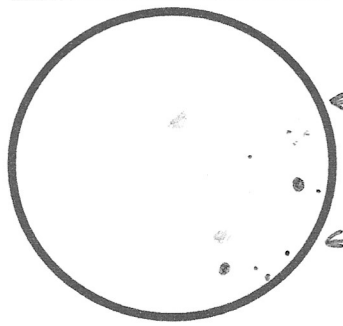
N2303



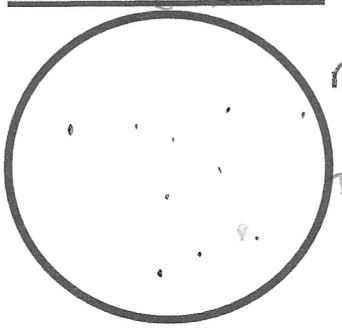
N2540



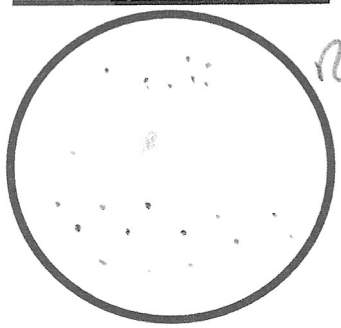
N2593/96



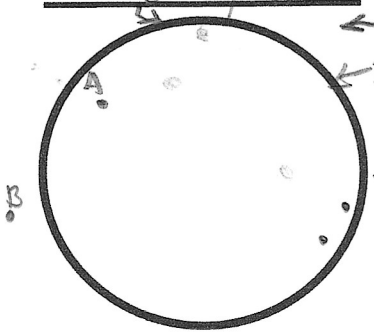
N2597



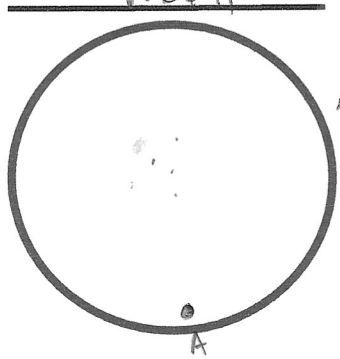
N2598



N2620/21/22

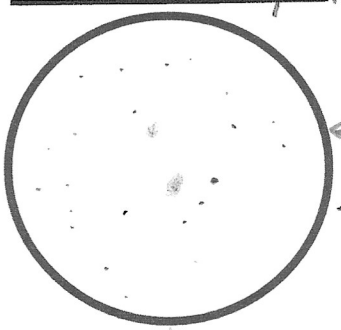


N2611



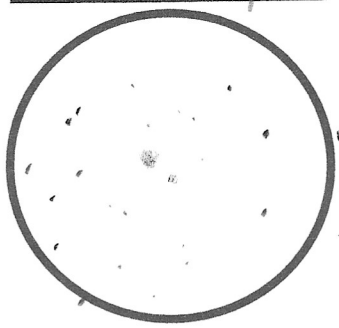
DATE=4/17/2023 TIME=555 UT SITE= ACT C=I- S=II- SCOPE=22UC @240X

N 2806/09



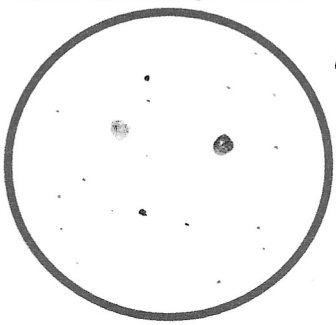
VVF VVS (stellar)
← 2806 AV=4
← 2809

N2812/13



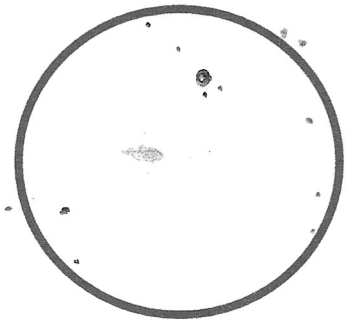
← 2813 AV=1
← 2812 AV=4
tiny & v.v.dim

N 2824



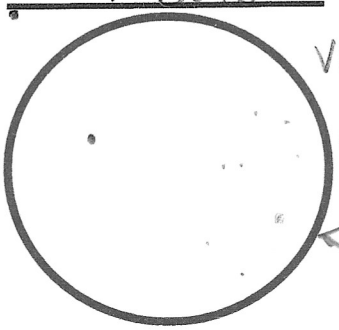
M, SBM, not F
OVAL
MEAN 0 FS

N 2862



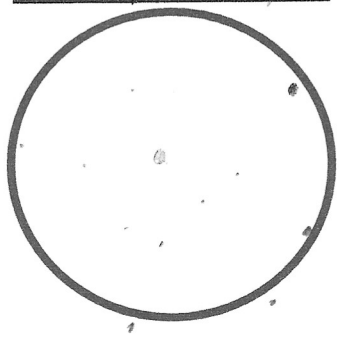
NICE FIELD
ELONG, ONE SIDE
WIDER

N 2896



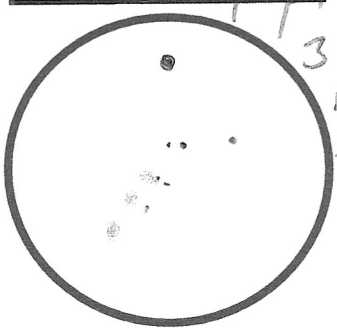
VF, VS, R AV=4
MUST USE
△ FS TO
POINT TO IT
IN LONELY
FIELD

N 2927



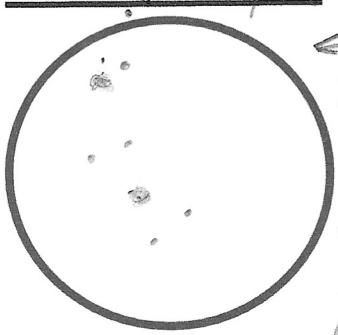
VS VF
V, ISOLATED

N 2929/30/31

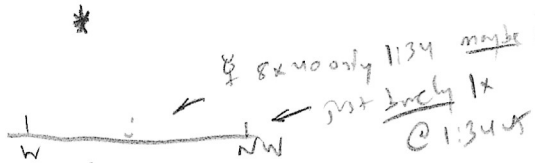


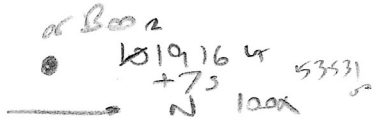
3 VVF VS GLOWS
IN A LINE - NO
DETAILS
AV=3 TO DISCERN
EACH ONE

N 2991/94



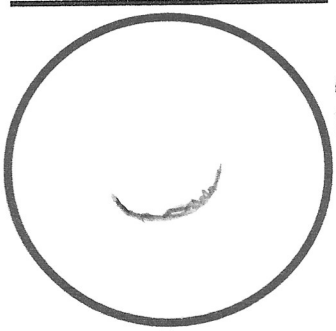
G; 30 UT
← 2994
BM, R, not mod F
← 2991
w/ STAR OFF
& SI BM
not small



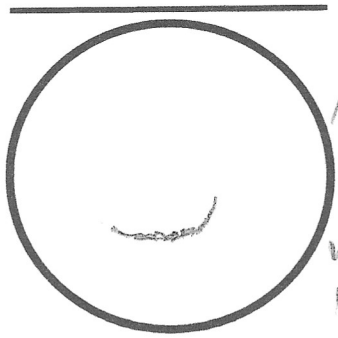


DATE=4/21/2023 TIME=130 UT SITE= ACT C= II S= II SCOPE=22UC @240X

YOUNT Mood

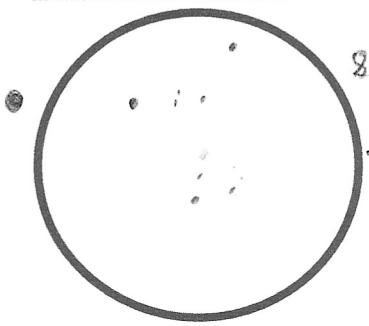


NO MORE THAN 140°, MORE LIKE 130°
130 UT



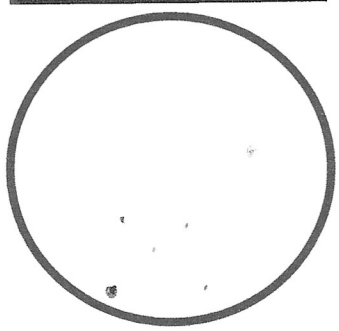
NO MORE ARC, BUT MORE "BAILY'S BEADS" NOW WITH ATOM EFFECT
1:40 UT SEEN 8x40 UNTIL 1:46

N 2973



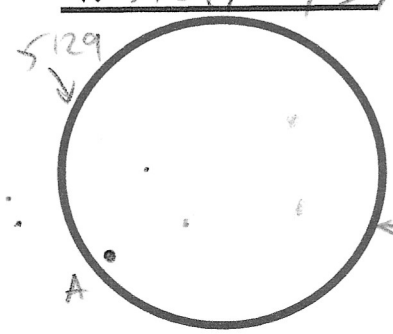
8MSF, AV=2
VS, F, abt oval
no detail

NGC 5115



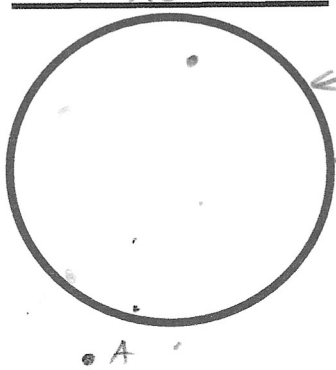
VS VF R

N 5129/32/37



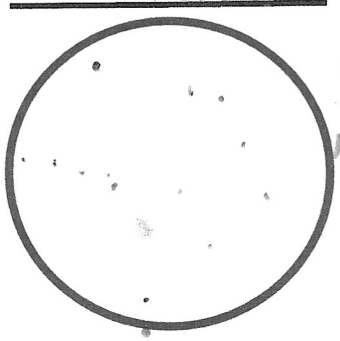
ALL AV=2
5137
5132

N 5136



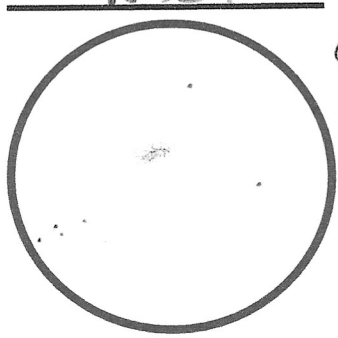
5136 AV=3
5129

N 5335



R, F, no detail
AV=2
WELL SEEN

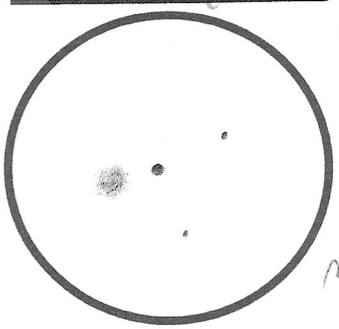
N 5348



(A BIT) EASY, L, ELONG

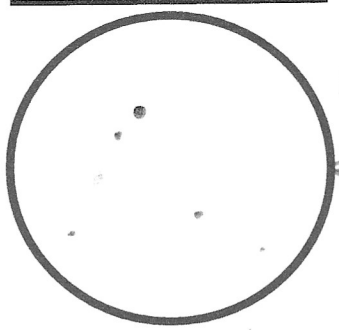
DATE= 4/21/2023 TIME= 345 UT SITE= ACT C= II S= II SCOPE=22UC @240X

N5363



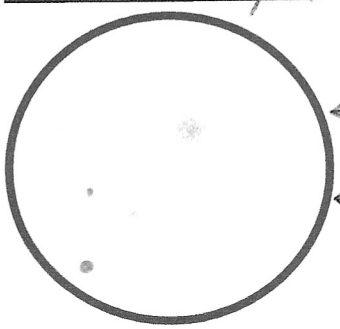
VERY L, BR, R
ELLIP, VERY
NEAR 2 FS
NICE AFTER
MANY FAINT ONES

N5373



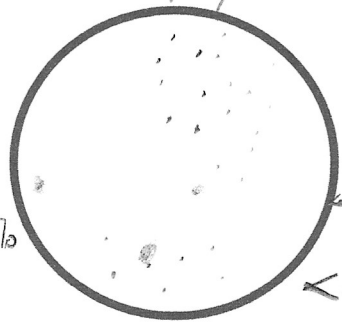
AV=3 VF, VS

N5360/64



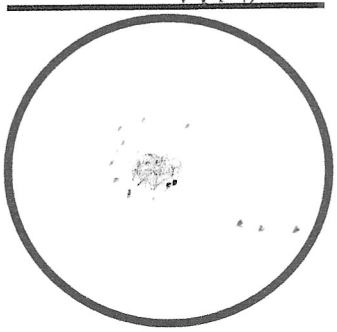
← 5364 L, F, R
← 5360
VS, VF AV=3

2510/11/13

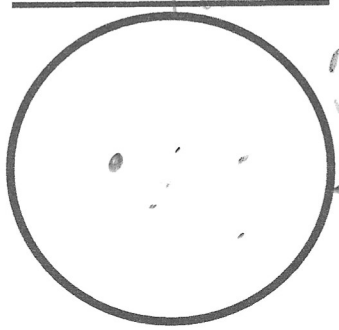


4:10 UT
2511
2510
2513

M63

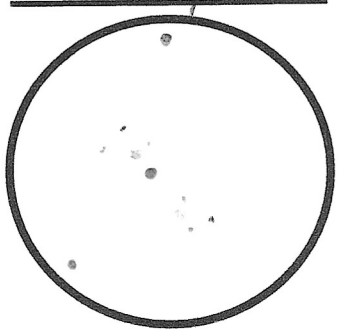


NU456

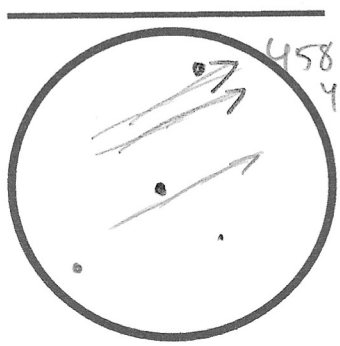


NOT EXACTLY
WHERE MSA
HAS IT, VVF
BUT AV=3
SOON W/13m *

N5468/5472



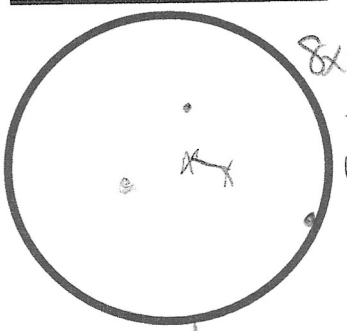
4:58
4:59
4:50
GEOSAT
N5472



458 39616 mi
459 GEO SAT
42692 mi
450
35873 mi

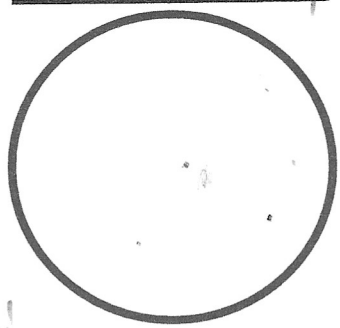
DATE= 4/21/2023 TIME=510UT SITE= ACT C= II S= II SCOPE=22UC @240X

ωCen



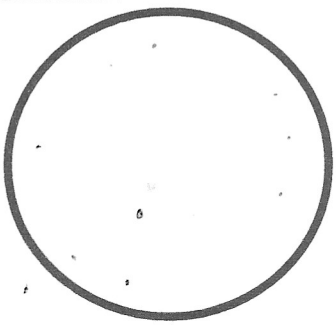
8x40's
- 55 airplane
Used to try & see if Ix - not certain I did but bonos were great!

N2789



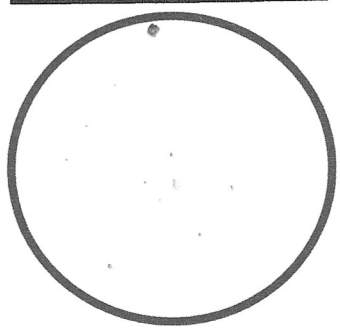
avM, AV=2
S, E

N2790



VS, VF, R

N2766



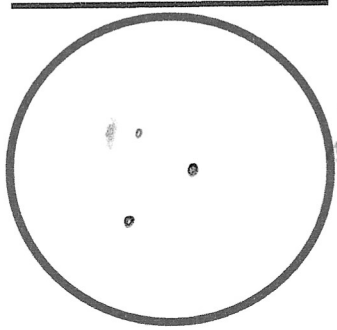
T Cnc
x
VF, VS, NO DETAIL
AV=3

ON WAY TO 3165



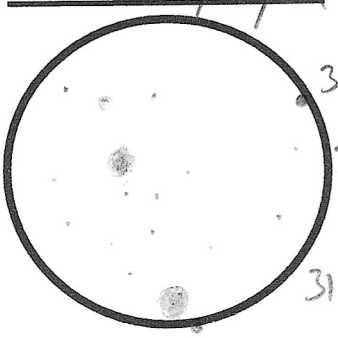
Not 3151!
Nothing there!
3166

N3156



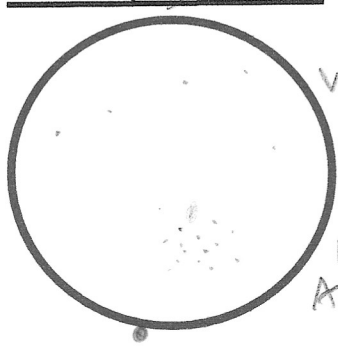
EASILY SEEN BY FS

3165/66/69



3165 AV=3
3166 L, 51 B elip
3169 L, B = 11' p

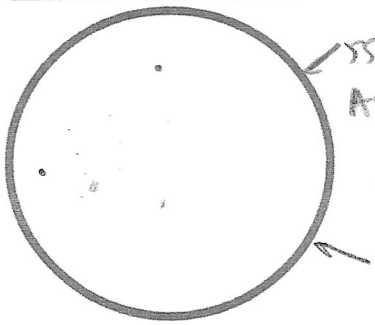
N3186



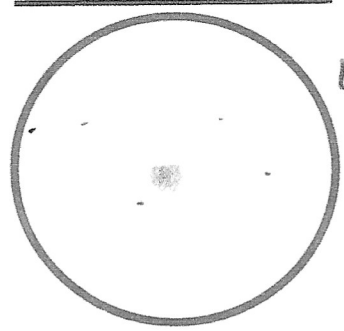
VF, S, R
BUT DV!
LOVELY
FFS's
AS NOTED

DATE=4 /24/2023 TIME= UT SITE= ACT C=II S=II SCOPE=22UC @240X

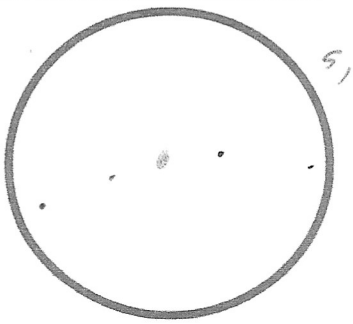
N5568



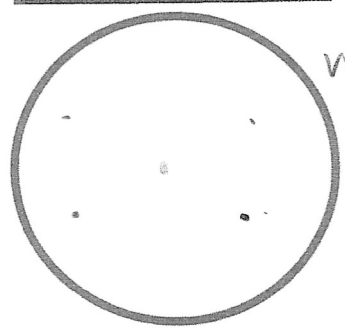
N 3023



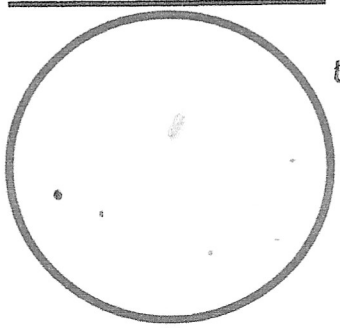
N 3018



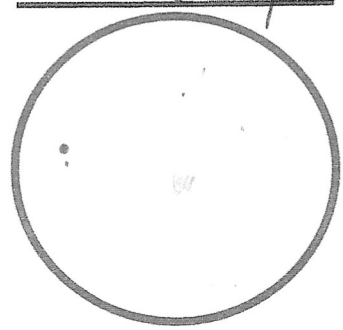
N 3015



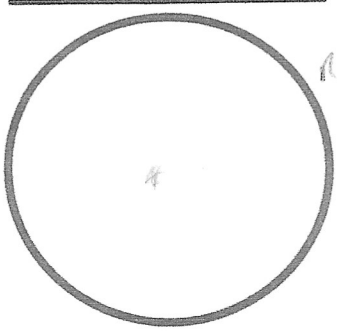
N 3039



N 2936/37



N 2966



N 2987

