



# Bryan John Lilley

1943 - 2021

Nottingham Astronomical Society

A selection of Bryan's drawings and photographs

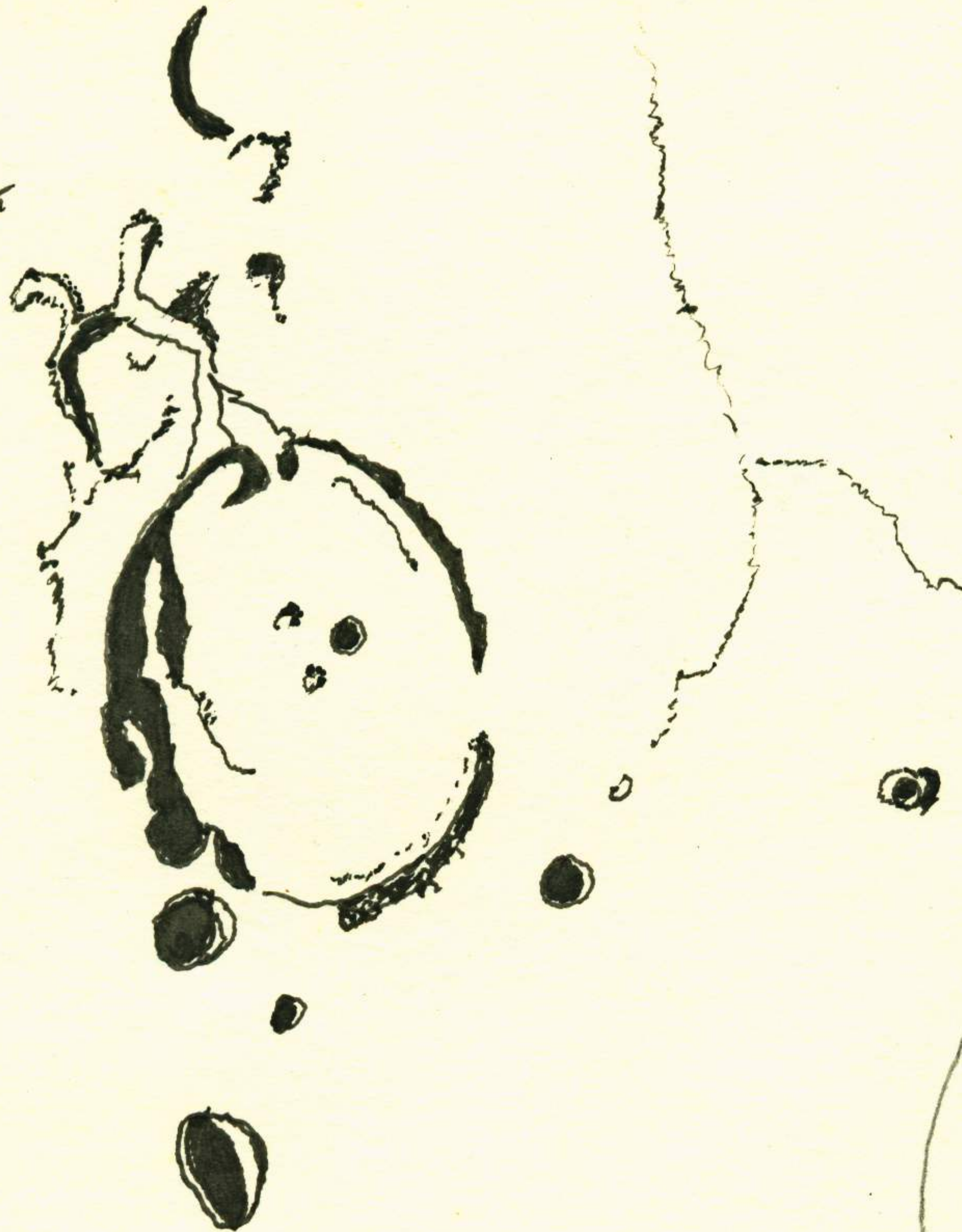


2 DAYS BEFORE  
1ST 1/4  
POSIDONIUS  
60 HRS AFTER NEW MOON  
19.1.02  
1730-1810 UT

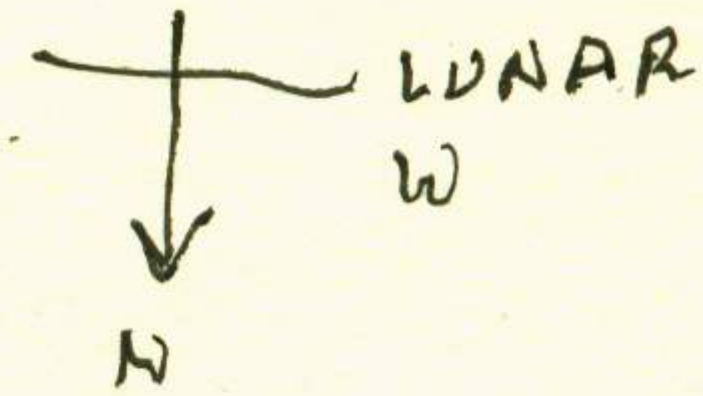
8in x 150/120  
THIN CLOUD

CHACORNAE →

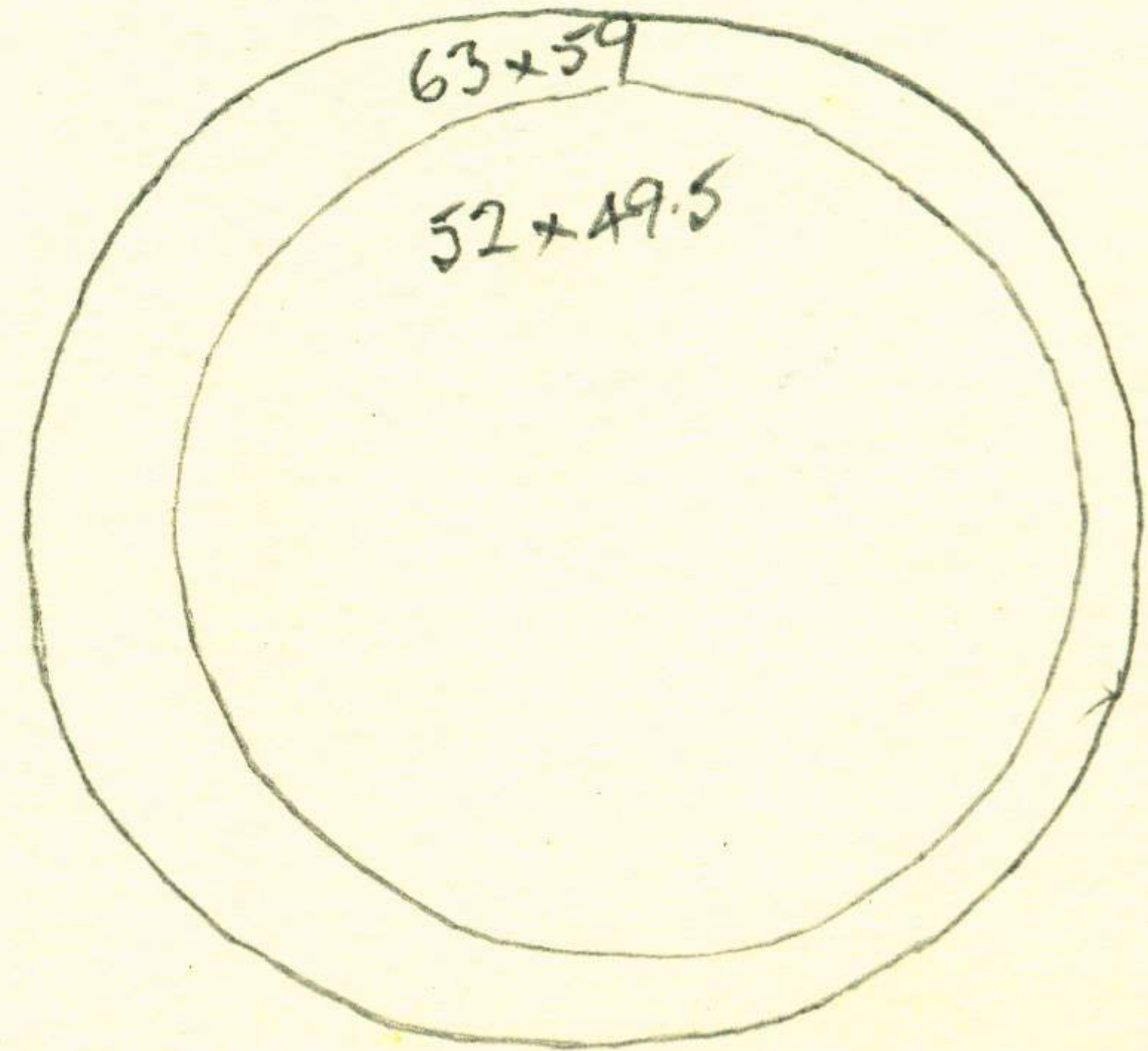
DANIELLE →



POSIDONIUS  
WALLED PLAIN 62 ML DIA  
30°N 30°E



MARE SEREN.





6IN MAX x 26G

4°C

FRI. 5.12.03 2020 - 2120UT,  
~~3D~~ after 1st 1/4 - 5d 3h  
3D before Full

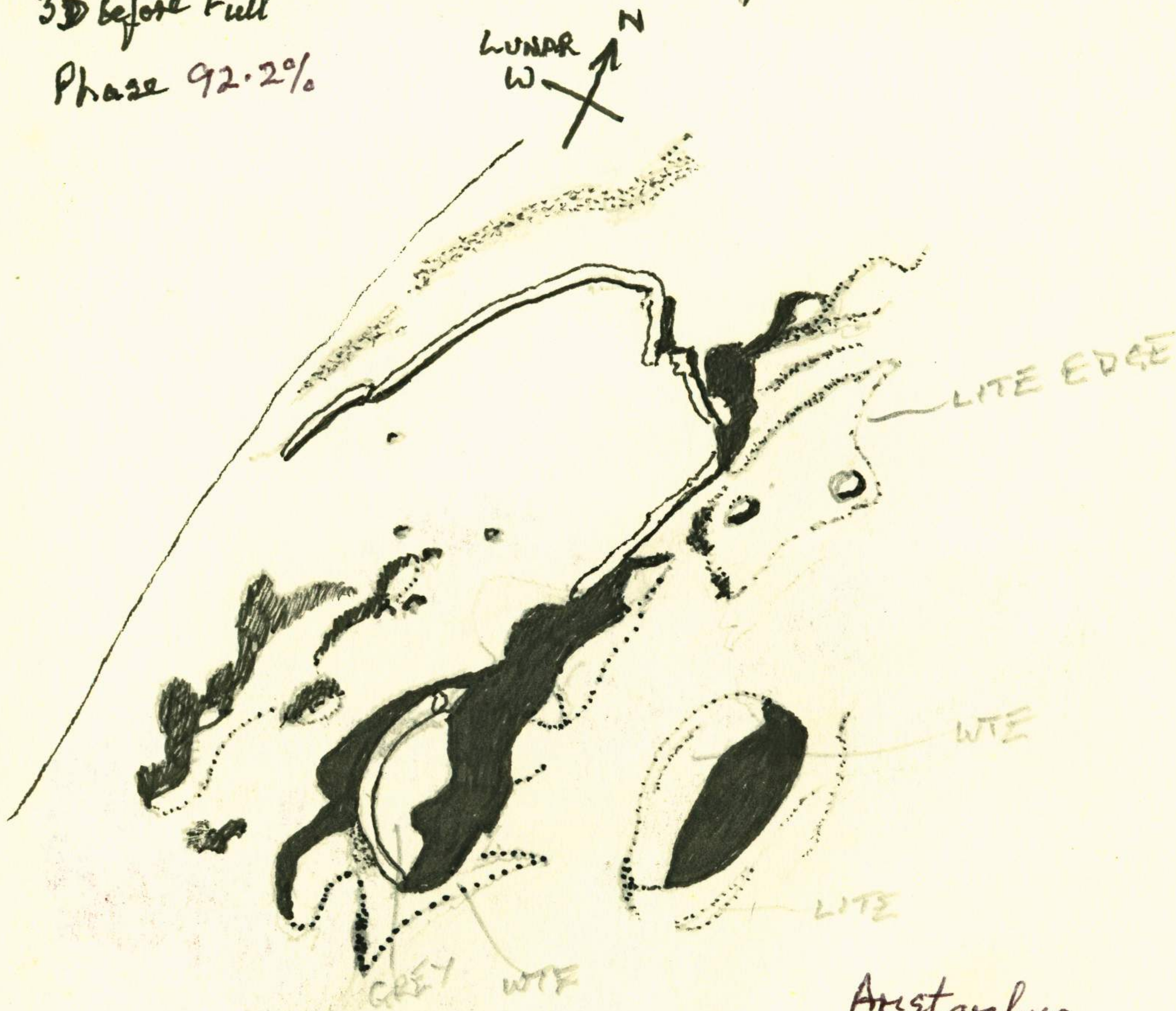
Phase 92.2%

Aries

30 1d

Elev. 46° - 50°

Seeing Good



Aristarchus

Herodotus

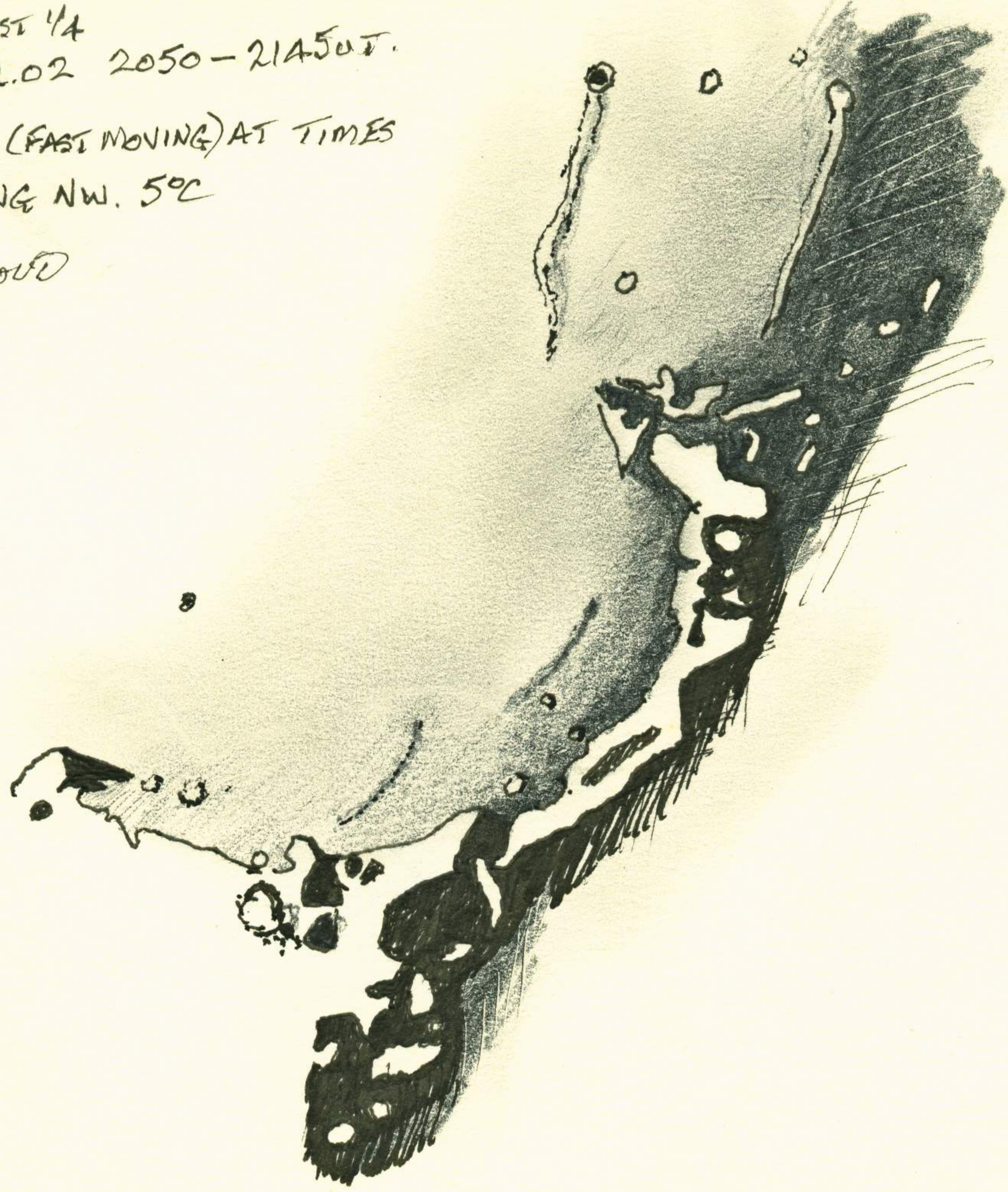
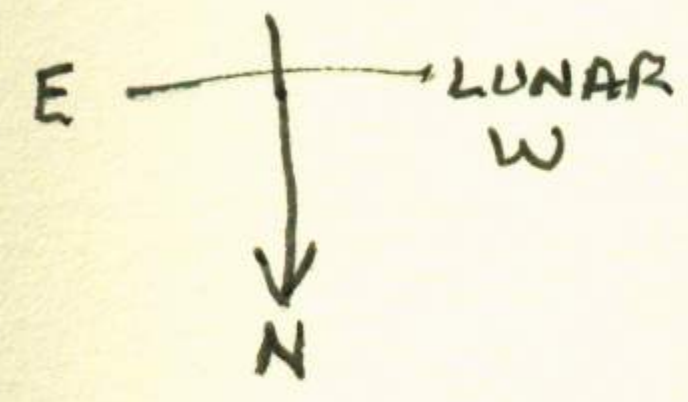


SINUS IRIDUM  
2D 9HRS AFTER 1ST 1/4  
22.2.02 2050-2145UT.

8 IN SPEC  
+90

CLOUD (FAST MOVING) AT TIMES  
STRONG NW. 50C

STOPPED BY CLOUD



8 IN SPEC  
+90

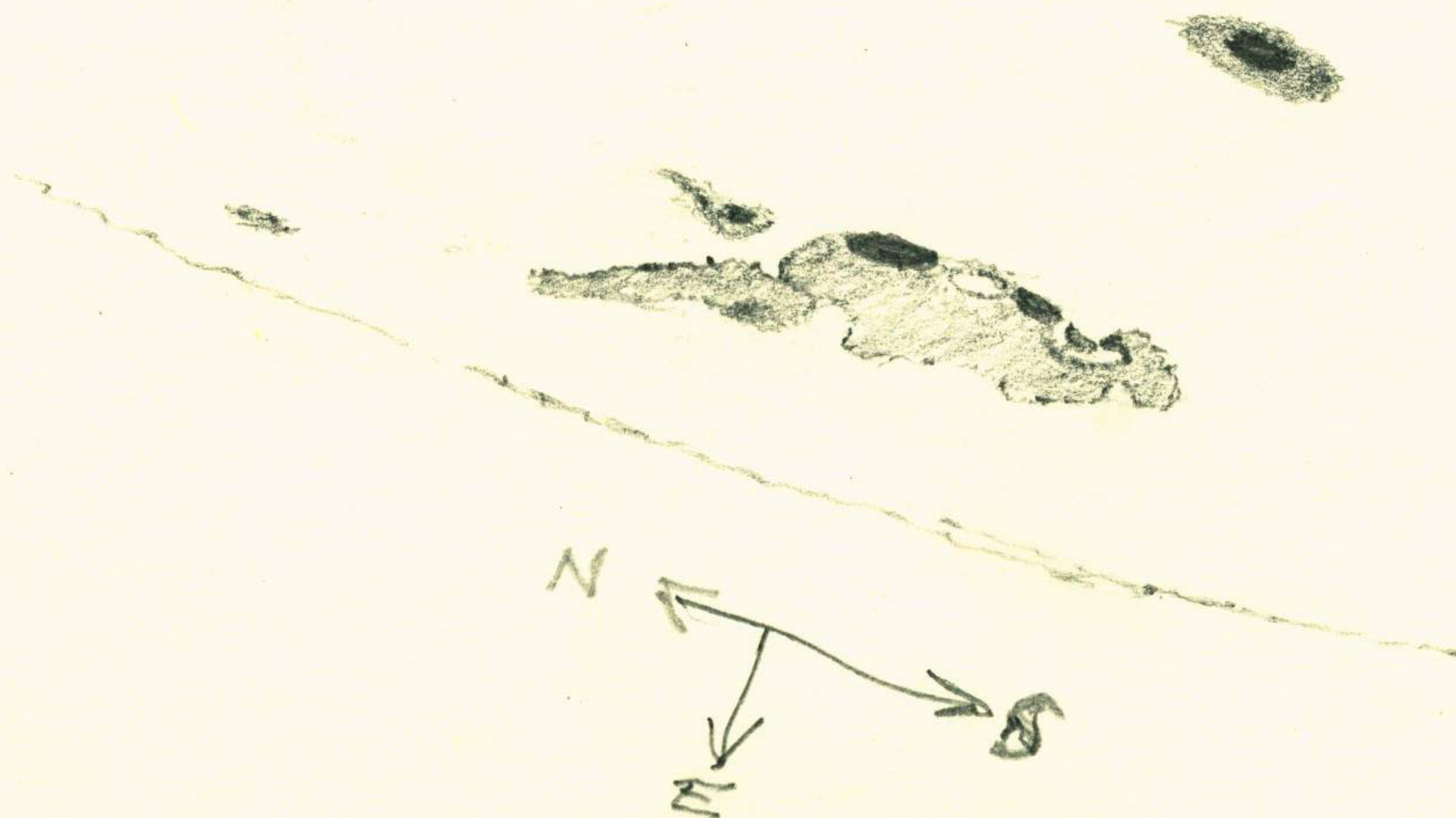
in the  
in



16.5.92 1300-1321 U.T

8IN SPEC x72/90

New spot group on E limb  
showing Wilson effect.



42.5 mm = 60°  
12 mm =



23.2.02

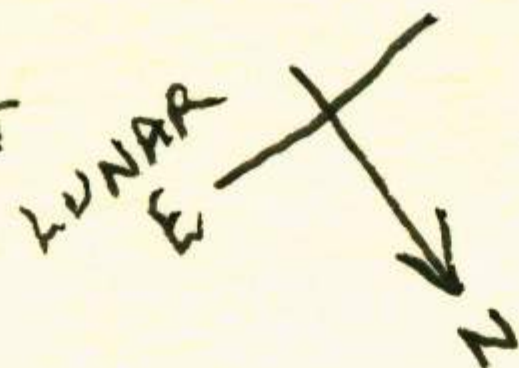
2105-2150 U.T

8IN SPEC X120

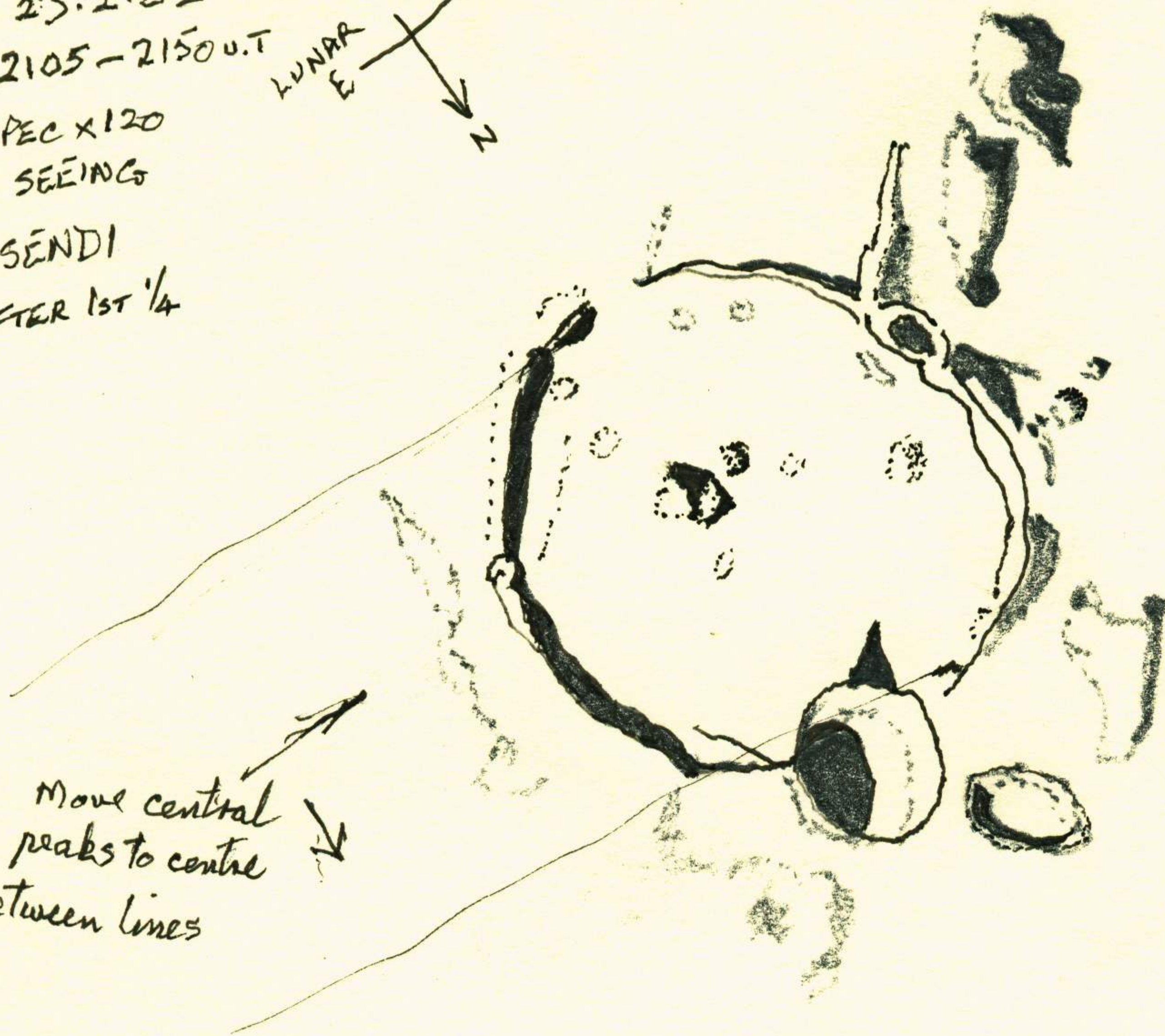
GOOD SEEING

GASSENDI

3D 9HRS AFTER 1ST  $\frac{1}{4}$



Move central  
peaks to centre  
between lines



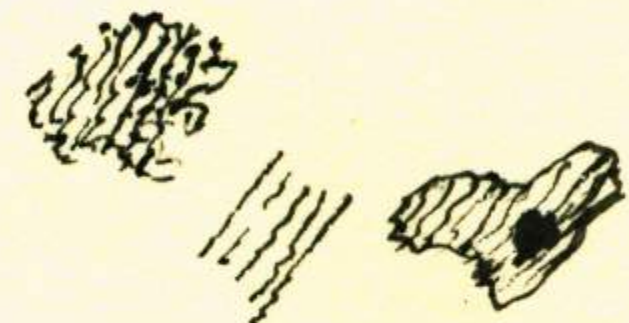
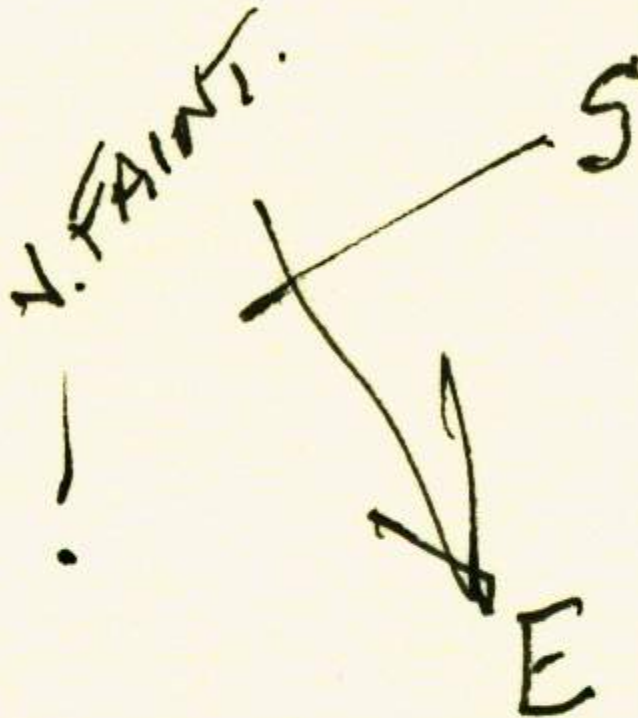


13.3.02 1A37-1500

8IN SPEC (6in filter) x72

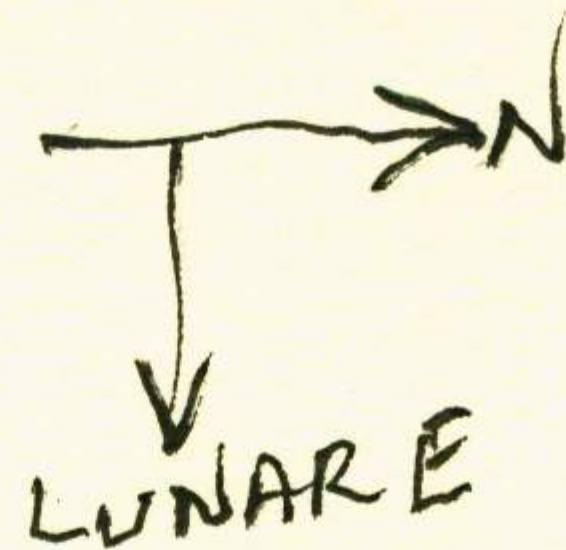
2 photos CF 236.16 417

GROUP F Sunspot.

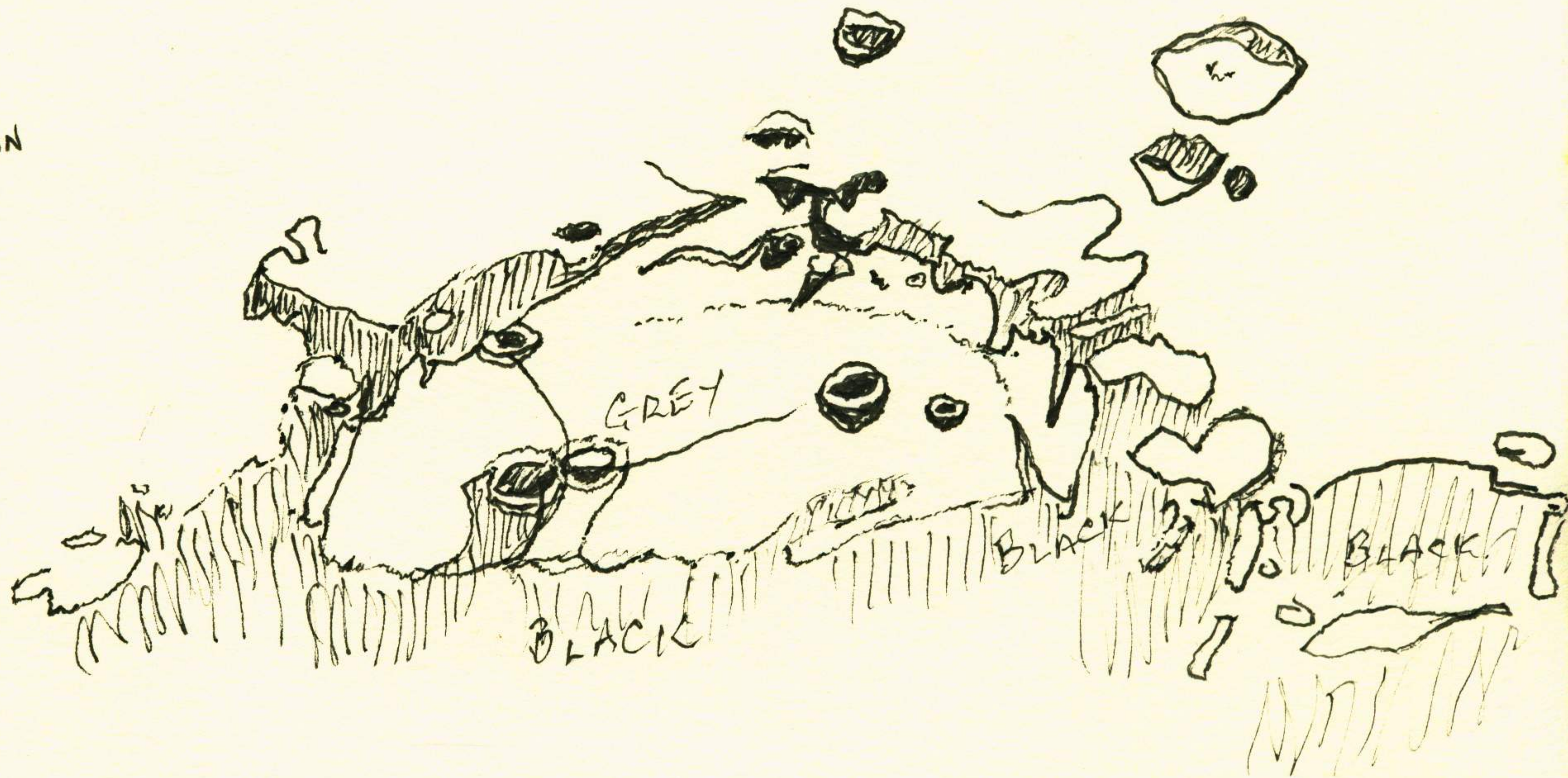




2.3.02  
0005-0050UT  
MARE CRISIUM AT SUNSET  
8IN SPEC X 120  
-20C V. clear & steady



27 09 1  
28 09 2  
01 09  
2D 15 HRS AFTER FULL MOON





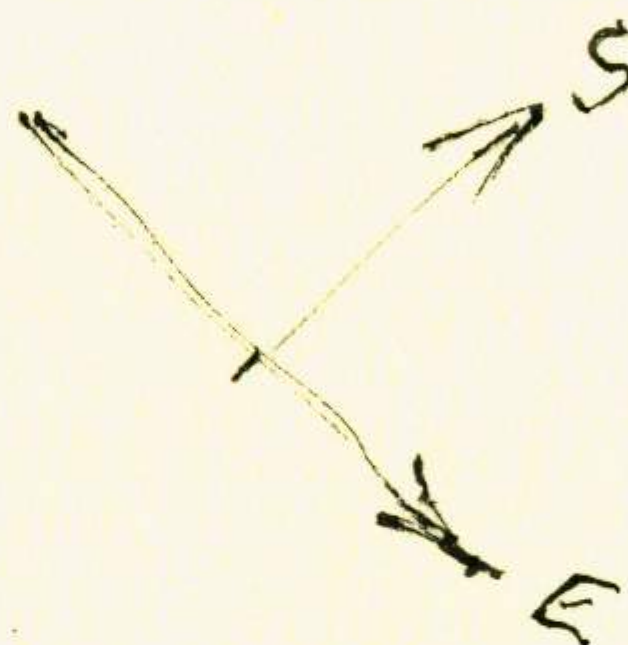
ALSO PHOTO CF 236

SOME BREAKS FOR CLOUD

30.3.02 1216 - 1240 U.T.

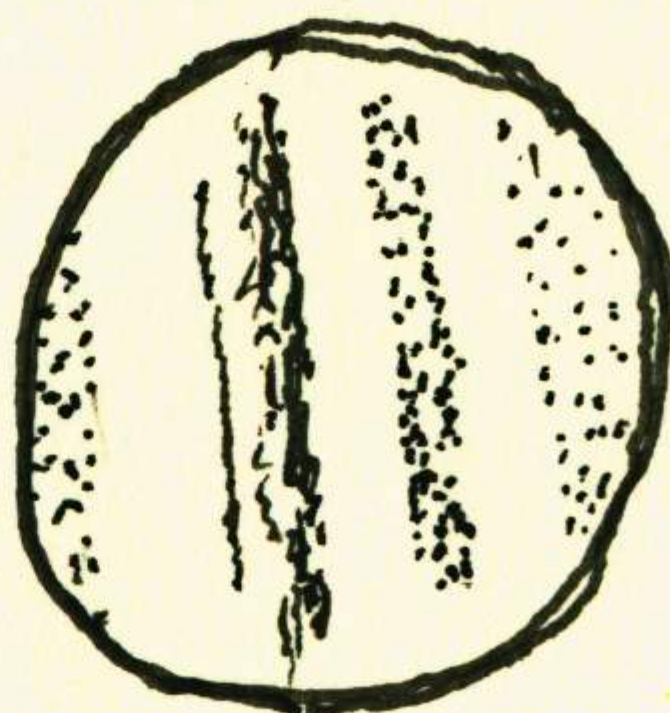
8IN. SPEC x 60/90

NAKED EYE  
SUNSPOT GROUP IN NE  
CLASS F APPROX 15° LONG



2052 U.T. Europa  
out of eclipse

N ←



↓  
E

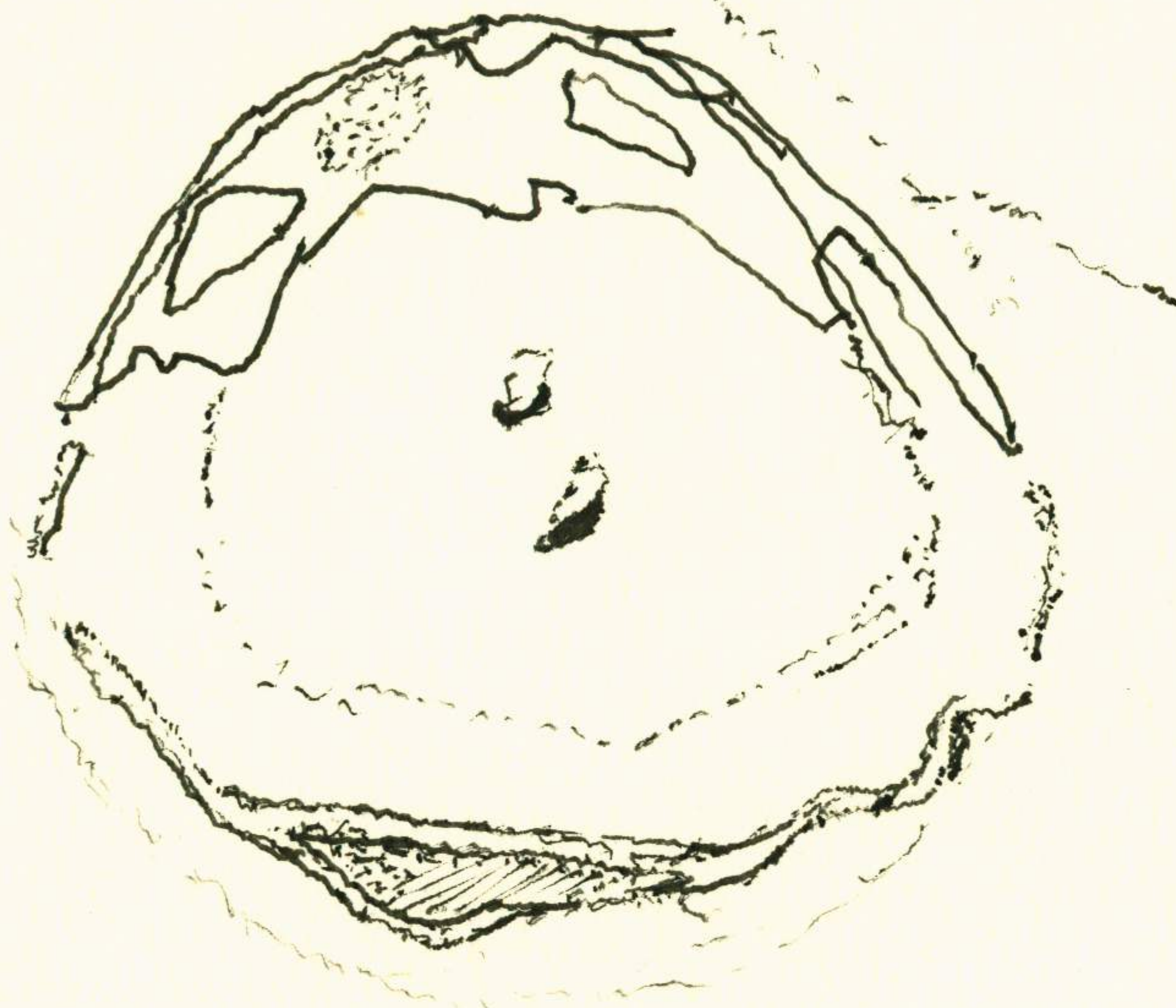
2105 U.T.  
30.3.02 2040 -  
JUPITER 8IN x 150  
APOD FLT.



SAT  
23.3.02 2125-2155UT STOPPED BY THICKENING CIRRUS

LUNARE  
N

COPERNICUS  
8IN SPEC X240/120  
HAZY, V. STEADY



TITAN

0



S

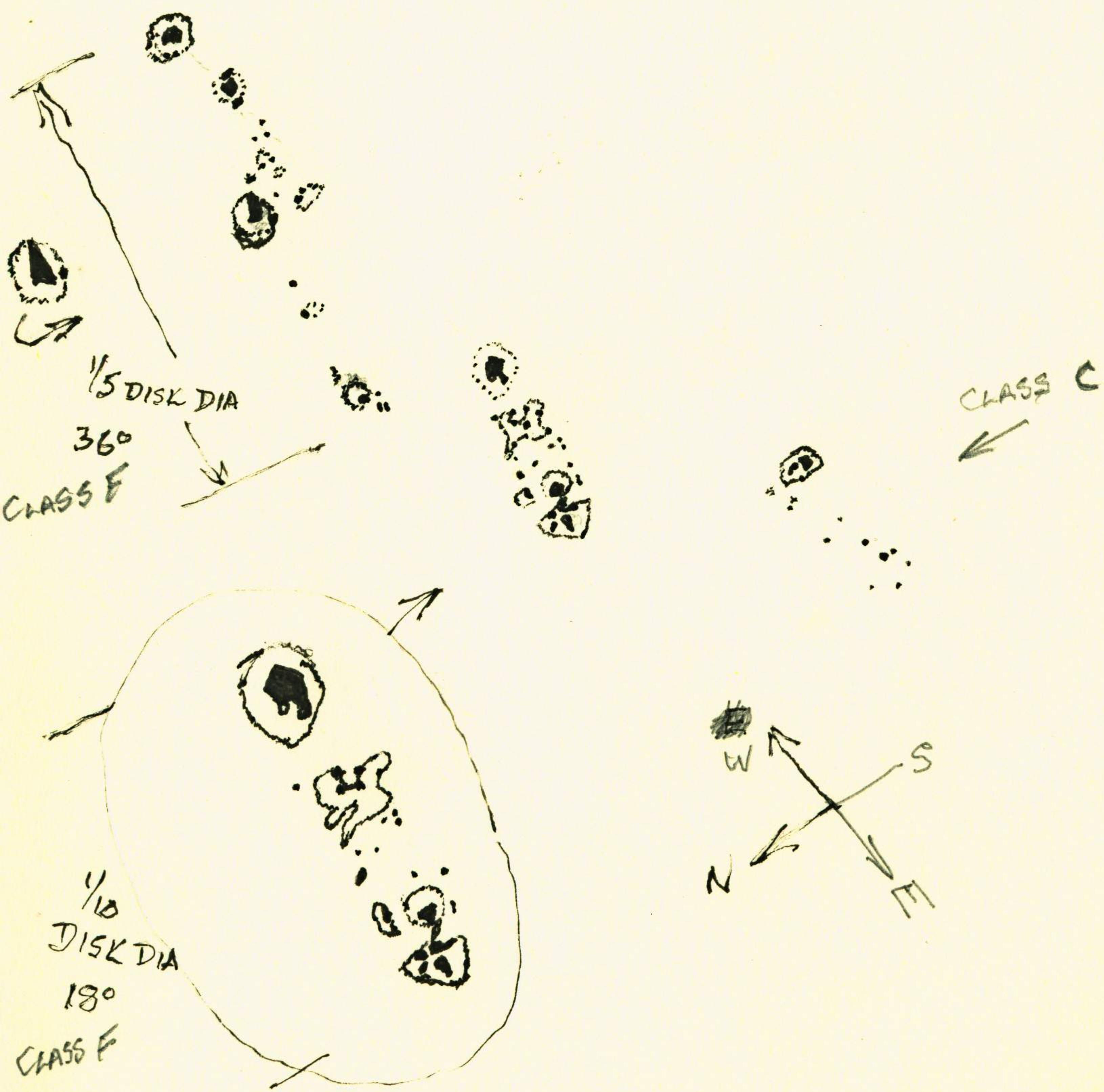
30.3.02  
2000-2030UT

Saturn  
8in x 150  
Apod. filter



3-A-02 1030 - 1123 UT.  
8IN SPEC X 60 CIRRUS

Photos 236. 24/25



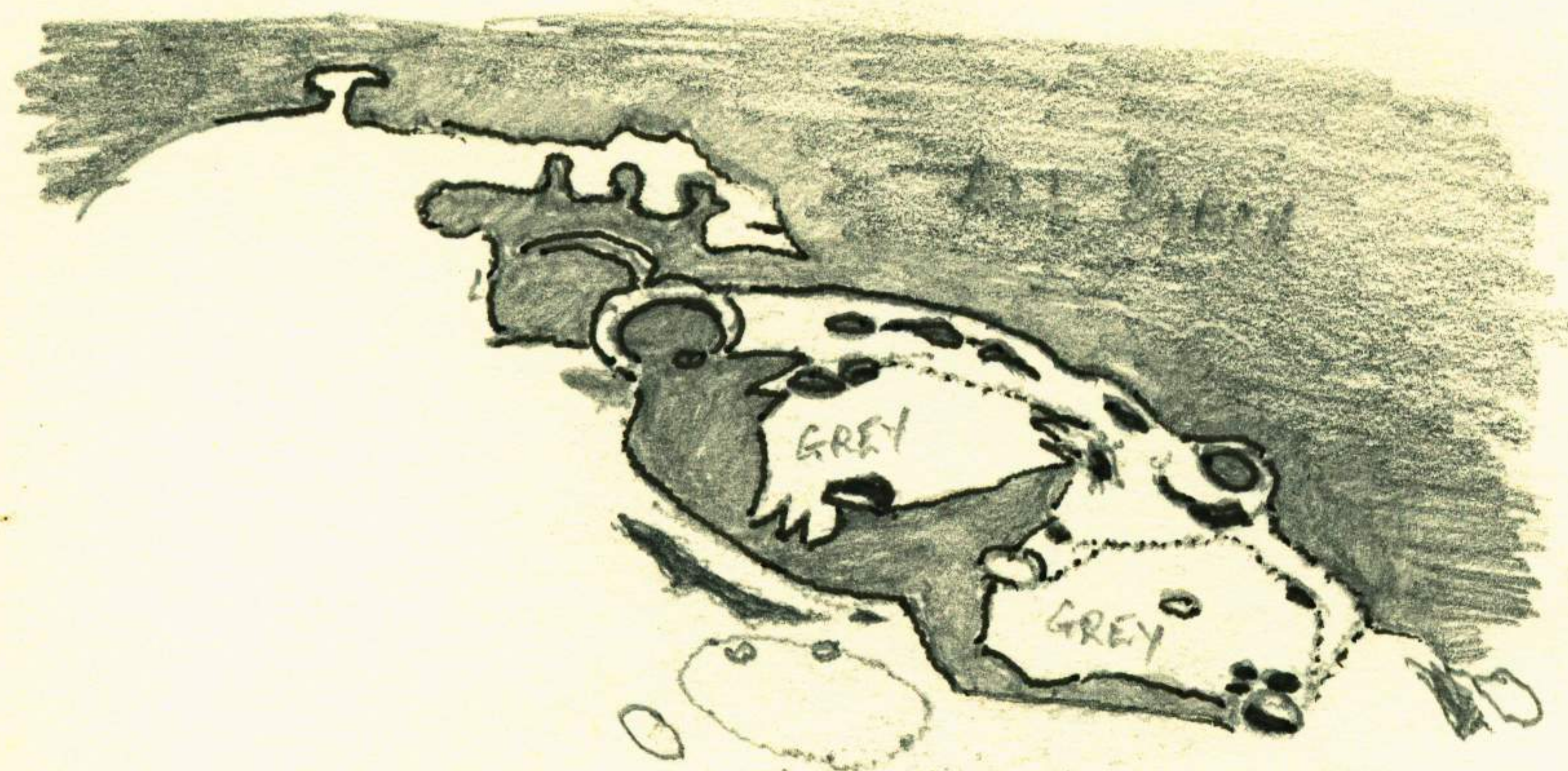


1925 - 2015 UT 8 IN SPEC

X 240

PHOCLIDES 60°W 52°S

4 D 7 HRS AFTER  
1ST 1/4





8IN. SPEC X 120/133

24.4.02

4D 8H AFTER 1ST 1/4

2100 - 2140 U.T.



Inner wall v. bright, floor also wte.

Floor slightly darker grey than surrounds

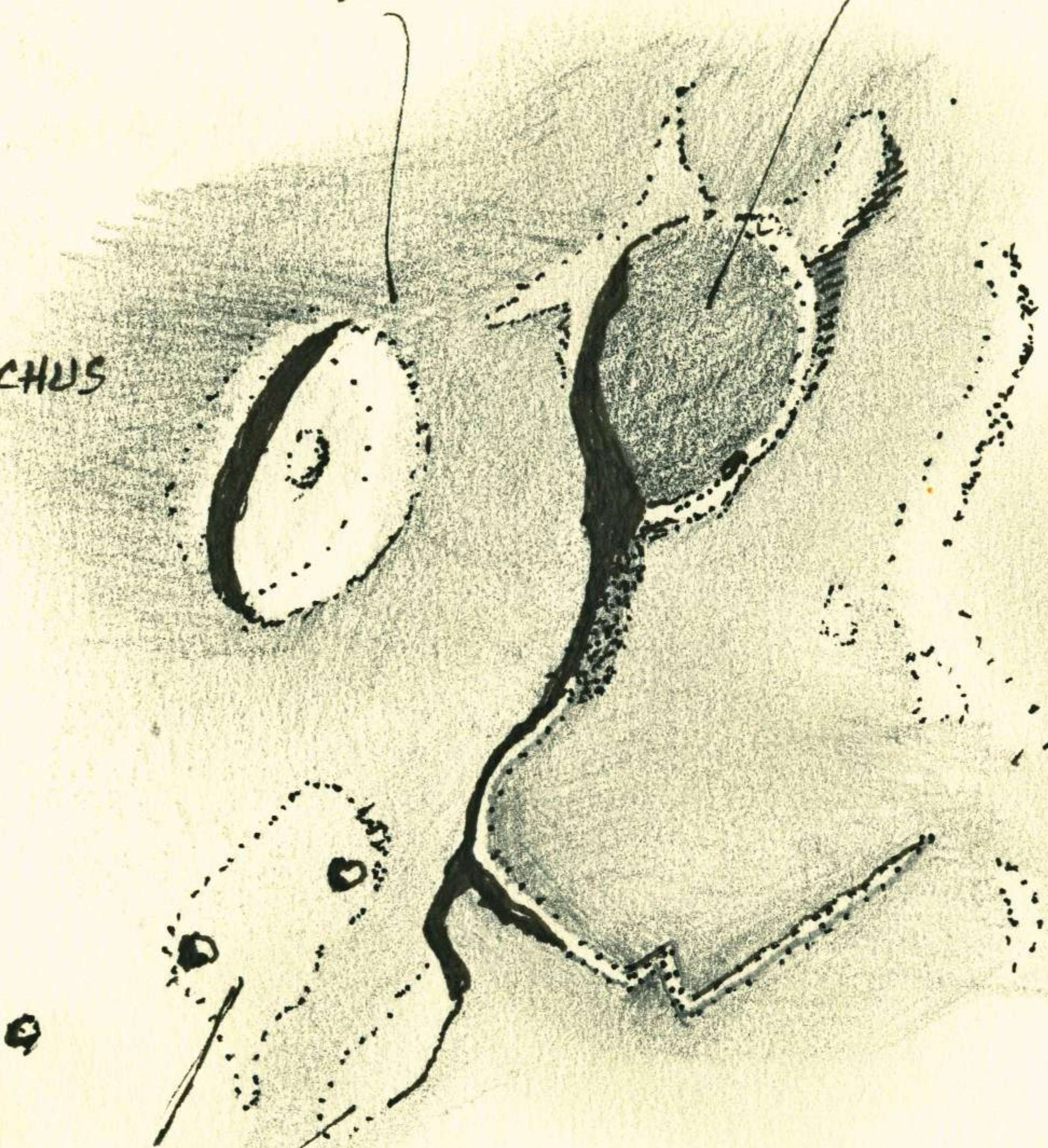
50°W 22°N

ARISTARCHUS

HERODOTUS +  
SCHROTTERS VALLEY

lite patch

○ white spot





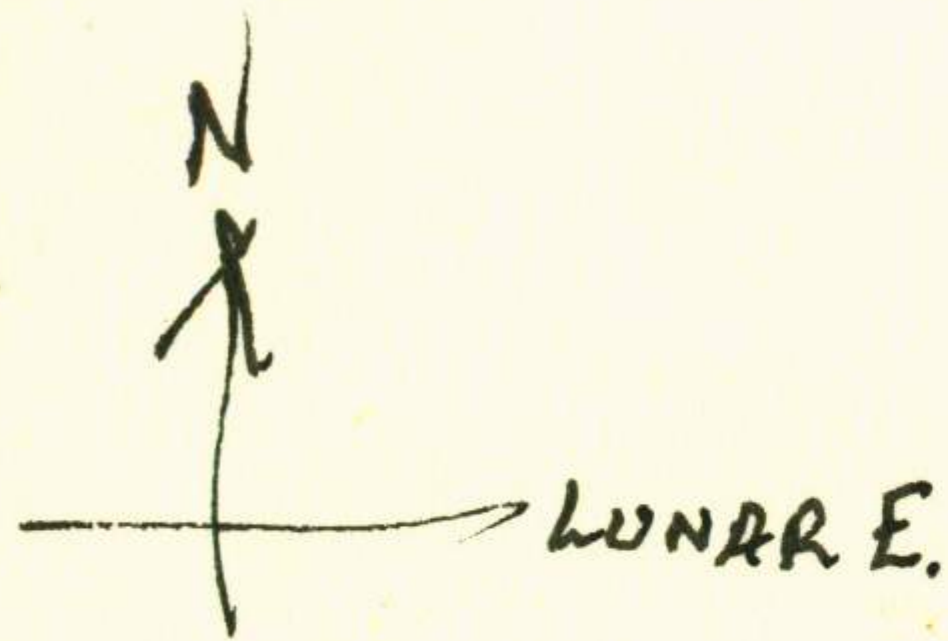
Craters down terminator

2 days 15 1/2 hrs after Full moon

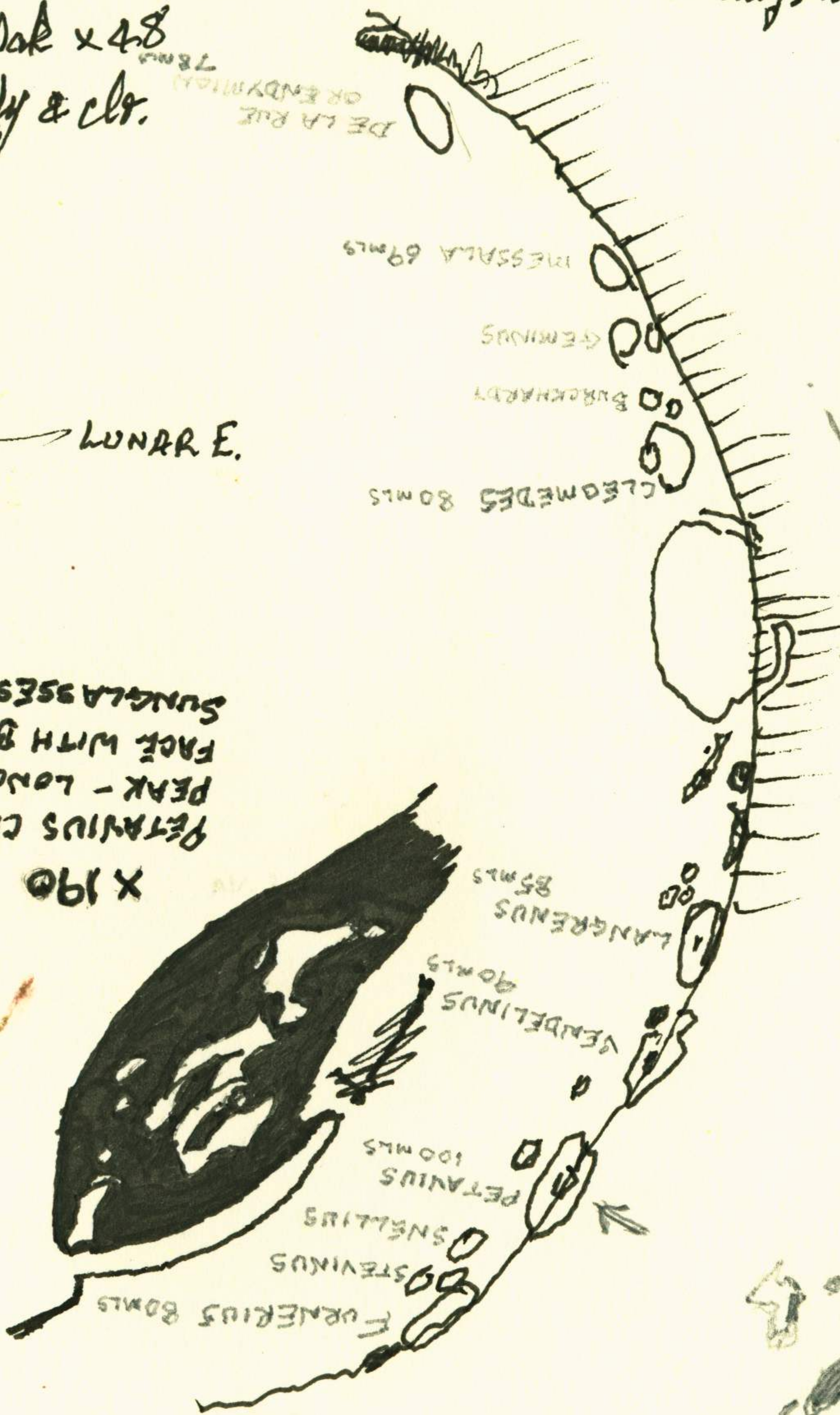
27.7.02 0025-32 U.T.

85mm Mak x 48

V. Steady & clr.



PETAVIUS CENTRAL  
PEAK - LONG THIN  
FACE WITH BEARD &  
SUNGLASSES  
X 190



Beautiful night!  
those were very  
probably see cars if  
but so steady & so  
glow only 20-25  
may 2 hrs.  
V. still 160  
No halo but only

2D 16H AFTER FULL

X 190

8in Spae x 120

0045-0125UT 27.7.02

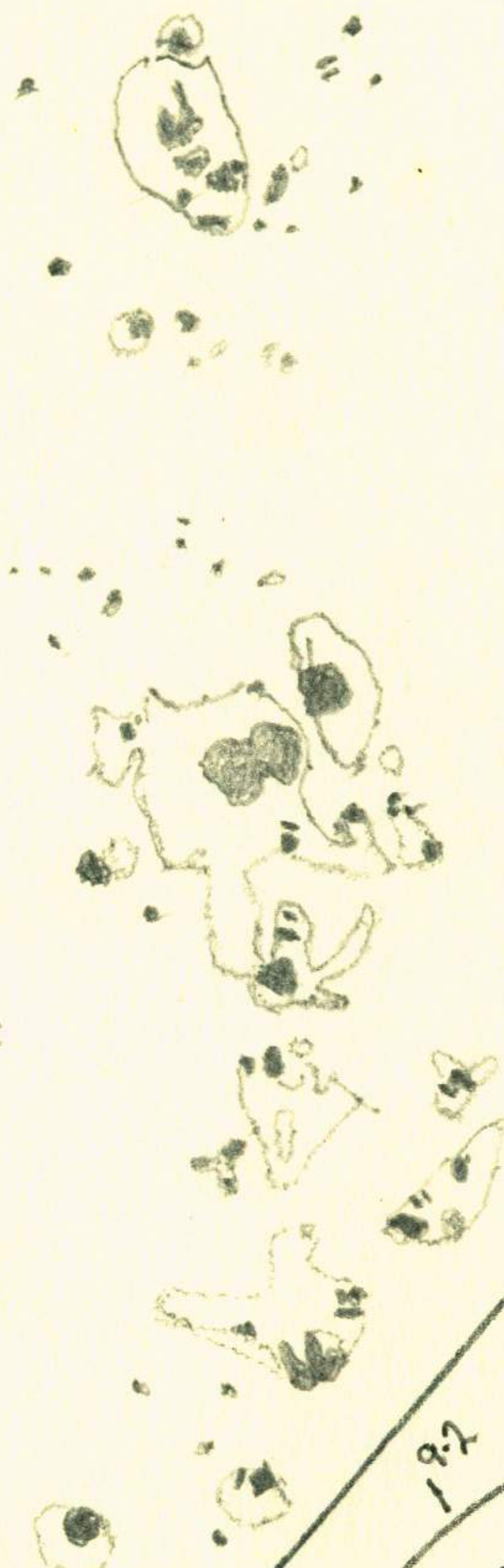
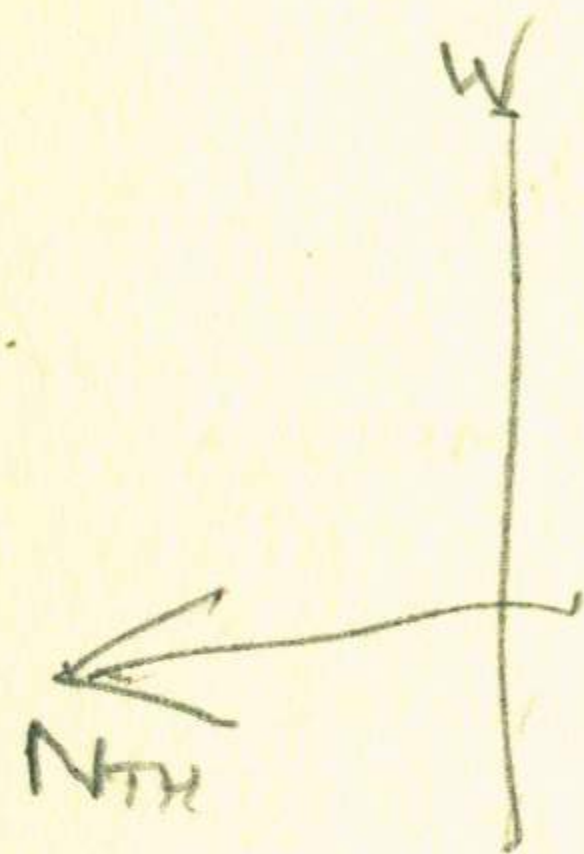


15.7.02 1040-1135UT NO BREAK Bin Spec X72 bin filter

Approx 20° E-W

Easy N. Eye just NE  
of centre.

Photo CR49.19

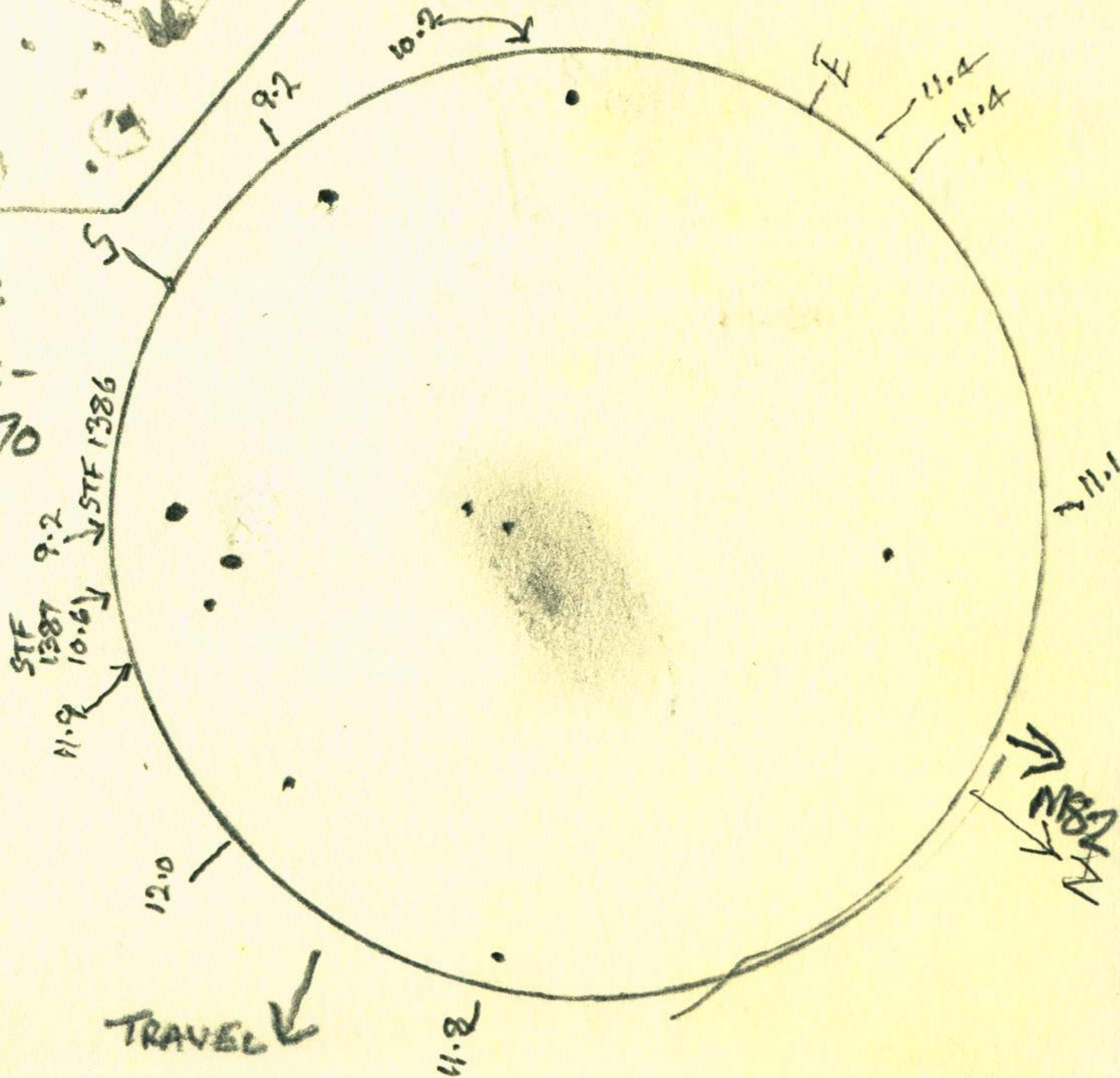


MAG 7.8 12.3/52' 25' x 11'  
M81 26.1.03  
2115-2130UT.

10in Spec x 101 23' FOV  
55° Elev NE

To  
~~2115~~ vis W 2 2138UT.  
2 only 6° ESE of Beehive -  
mice 15x70

2150UT. M81/82 clx in  
15x70's 55° elev NE.  
Sharp M82 contrasts with  
more diffuse M81



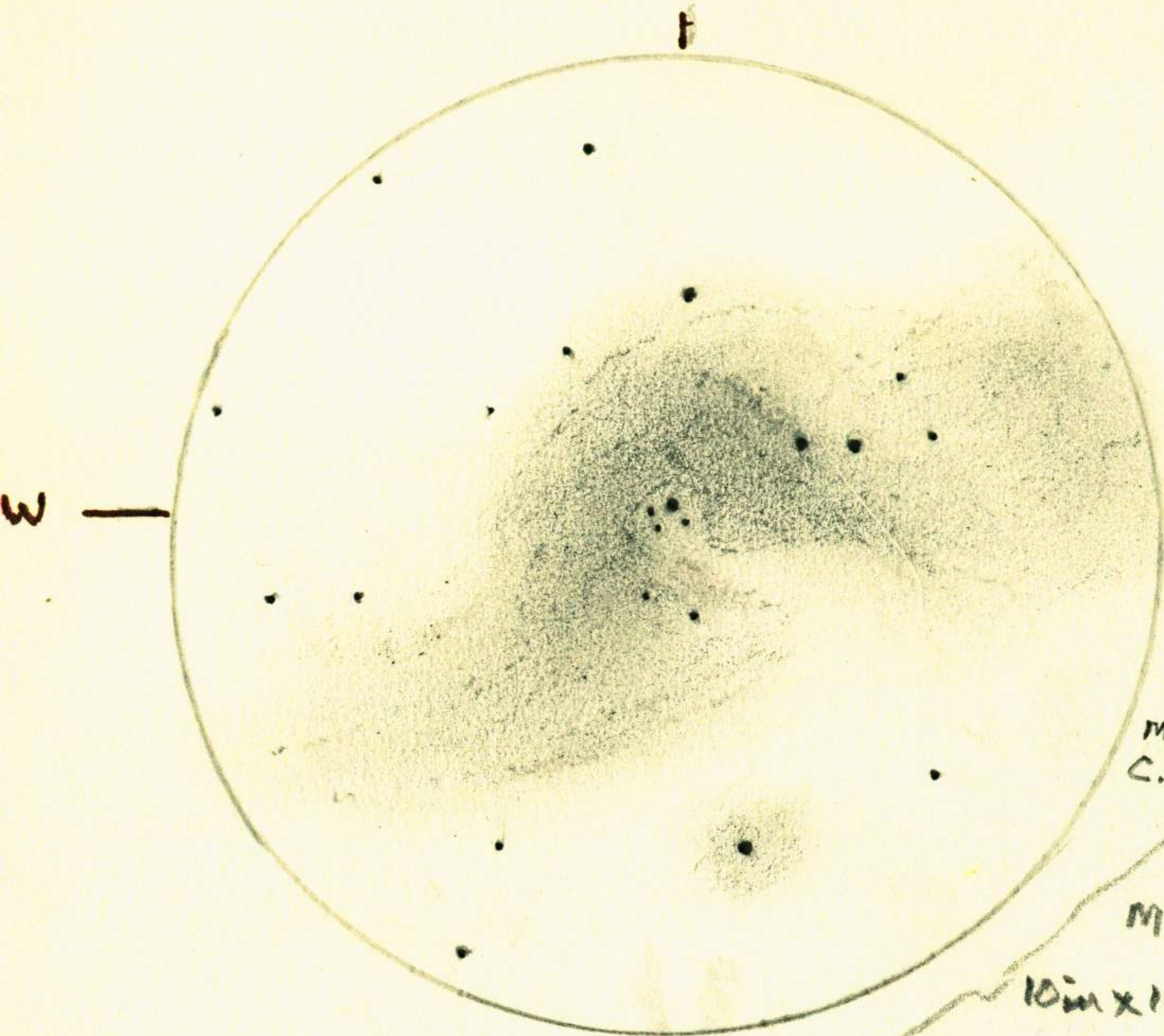


4.11.02 0100 - 0135 UT

8in SPEC x 133

22' FOV

M42 ORION



✓ 2 2335 UT 26.1.03

GAN now Eclipsed (2328)

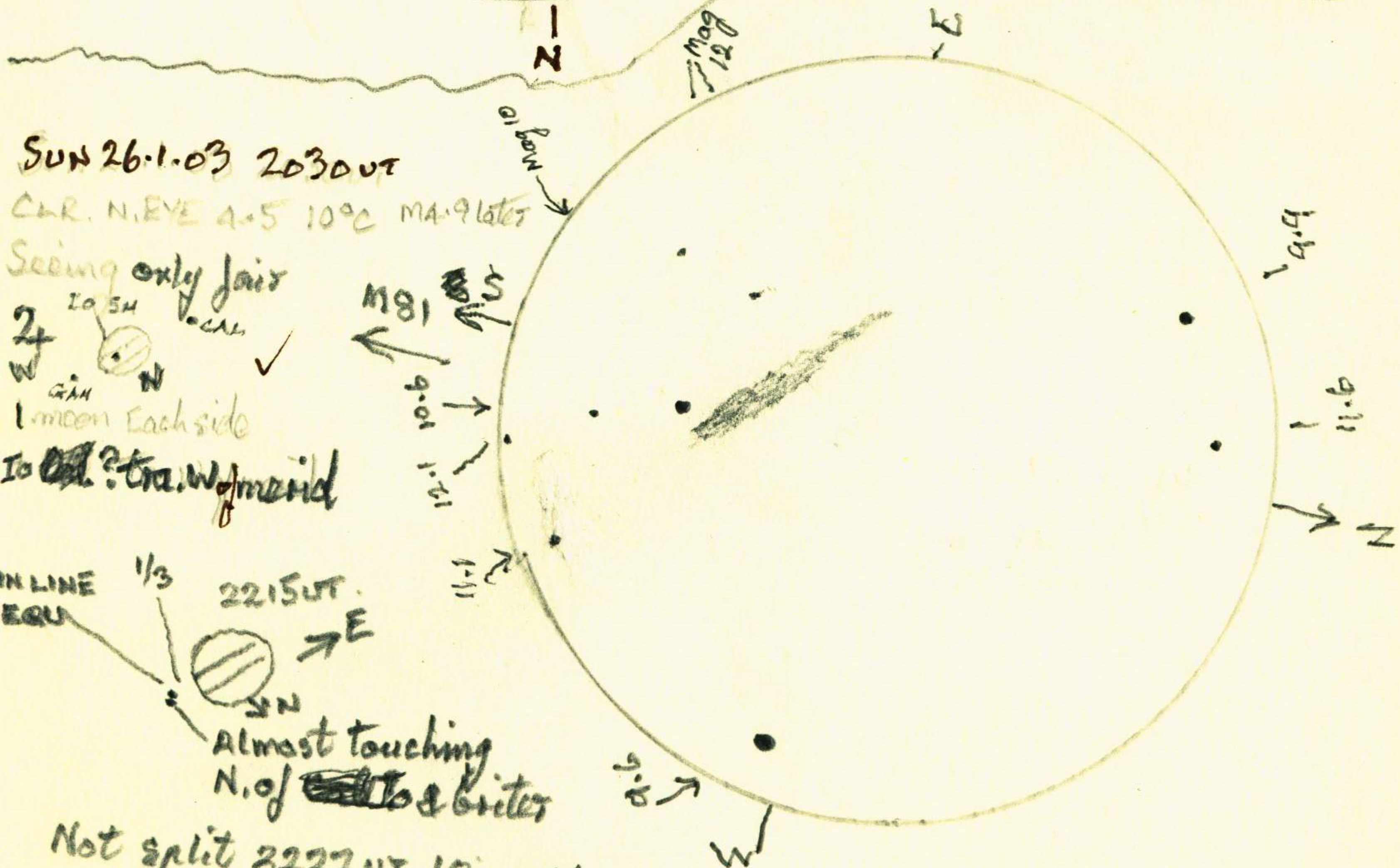
EUR just appearing from E limb.

2340 UT - M/NITE M63 45° ELEV E  
Not 15x70 but 8in x 60 & 10in x 65/81  
shows diffuse ✓ + U8313 E.  
M63 Mag 9.3 12.4 mag/arc' 12' x 7'  
C. Ven

2045 - 2105 UT 26.1.03

M82

10in x 101 23' FOV 55° ELEV NE



SUN 26.1.03 2030 UT

CHR. N. EYE 4.5 10°C MA-9 later

Seeing only fair

2 10.54 ✓

GAN

1 moon Each side

to 0.1? tra. W of merid

IN LINE EQU

1/3

2215 UT

Almost touching

N. of

Not split 2222 UT 10in x 160

or 8in x 150 (seeing suddenly wobbly)

As one 2225 UT. sl. elongated N-S.

Split 2227 UT. to SW of GAN.

Well split 2232 UT 8in & 10in

2245 GRS app. merid

10in x 202

2315 UT M51 40° elev NE. Glimpse 15x70

5195 ALSO 10in x 50 but dim.

M51 M8.9 10' x 6' M10.5 6' x 4' NGC 5195 G



200

25.10.02 2255-0010 UT.

8m Spec x 266 II-IV windy  
4D 16H after Full moon.

N  
↓



Cyrillus



MADLER



Theophilus  
64m dia

10°S 25°E

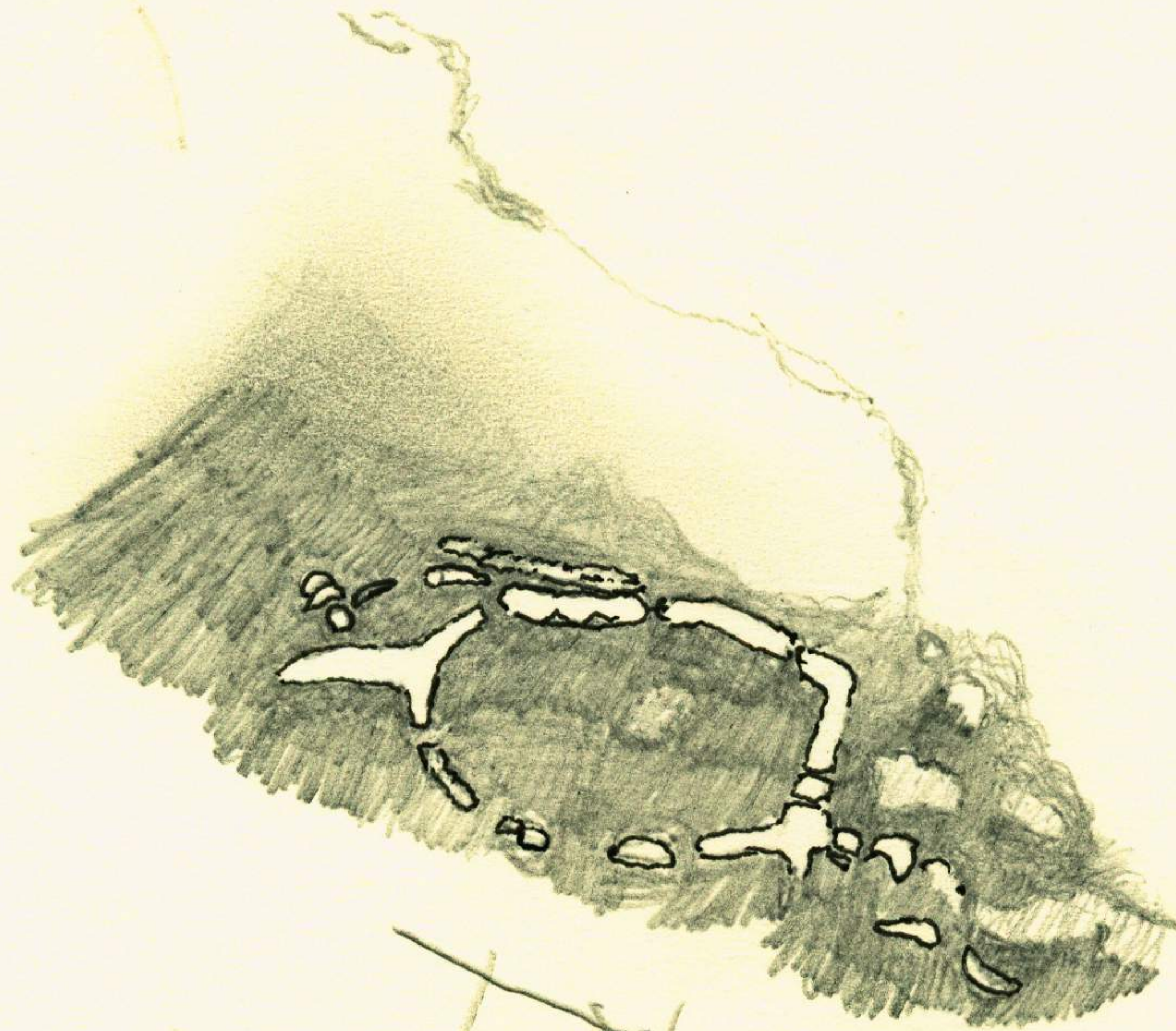


24.11.02 2120 - 150 elev. cloud POSIDONIUS  
8in Spec x 133 2205-2230 UT x 120 AT SUNSET

central peak disappeared during sketch

24 22 00  
20 01 30

40 20h 30  
after full moon.



LUNAR E

N



Ringed plains

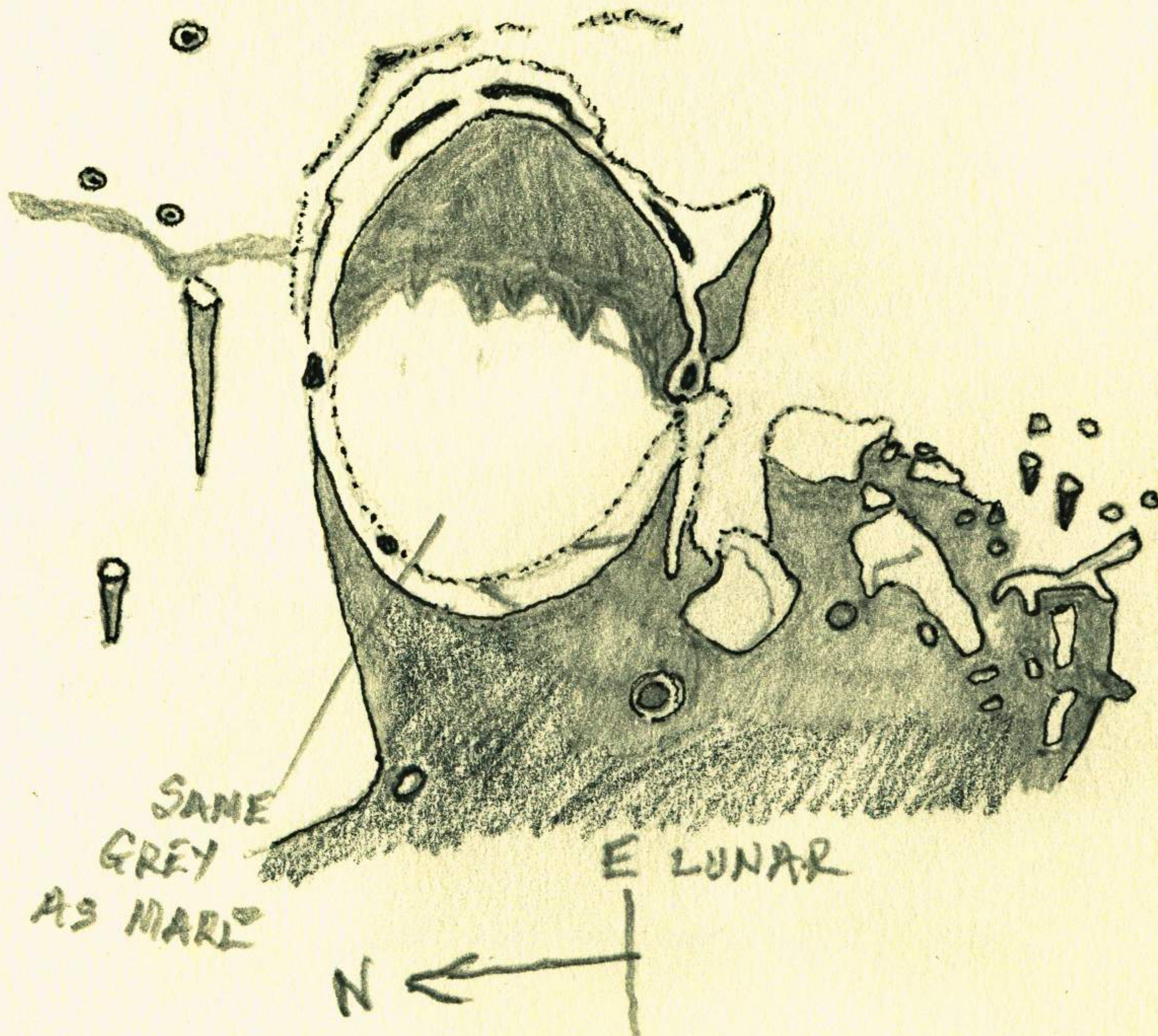
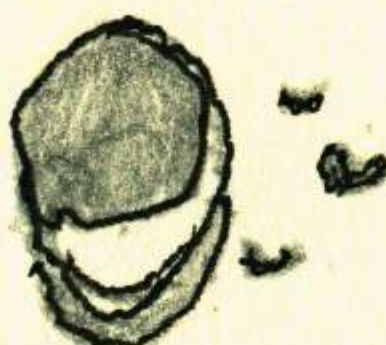
9.2.03 2040-2145 UT. 8in Spec x 133 Seeing Good.

34ml  
ARISTILLUS

25ml  
AUTOLYCUS

ARCHIMEDES 50ml  
30°N 5°W

10 HRS AFTER FIRST  
QUARTER

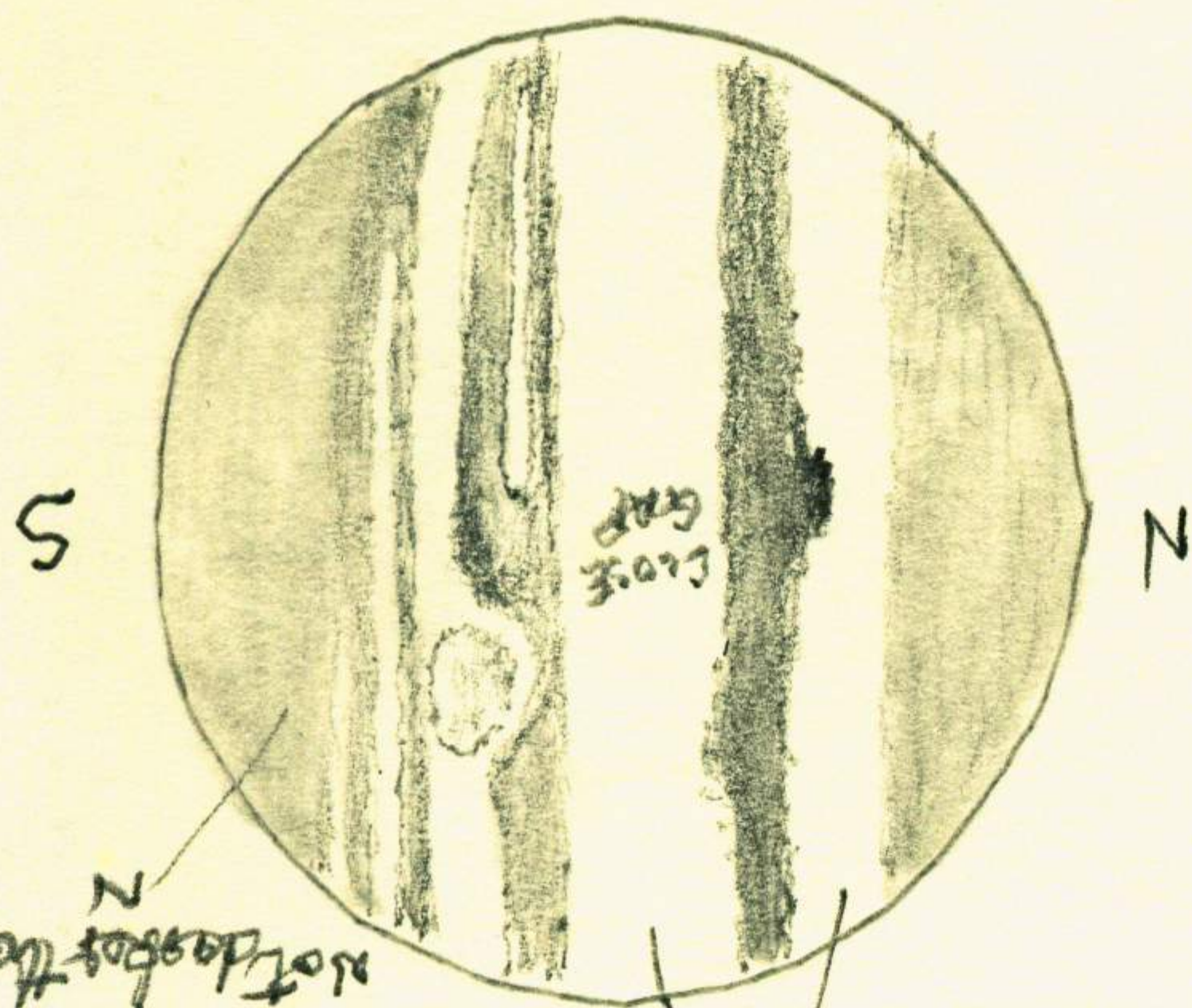




GRS same pale tone as NP.  
 8m x 190  
 10m x 202  
 E

W 13.3.03 2130 - 2245 UT. 10m Spec x 161  
 ARISTARCHUS / HERODOTUS  
 23°N 50°W

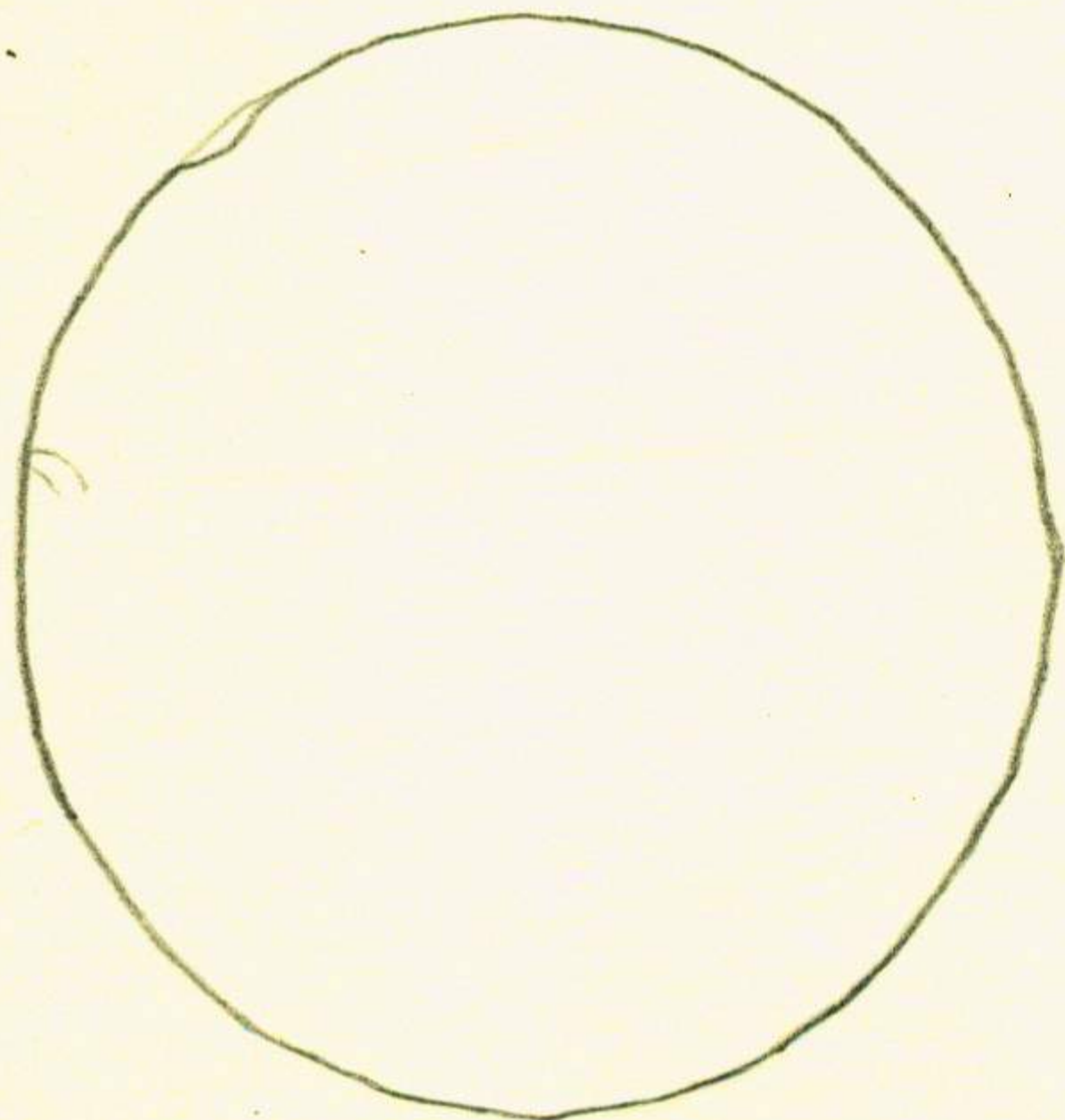
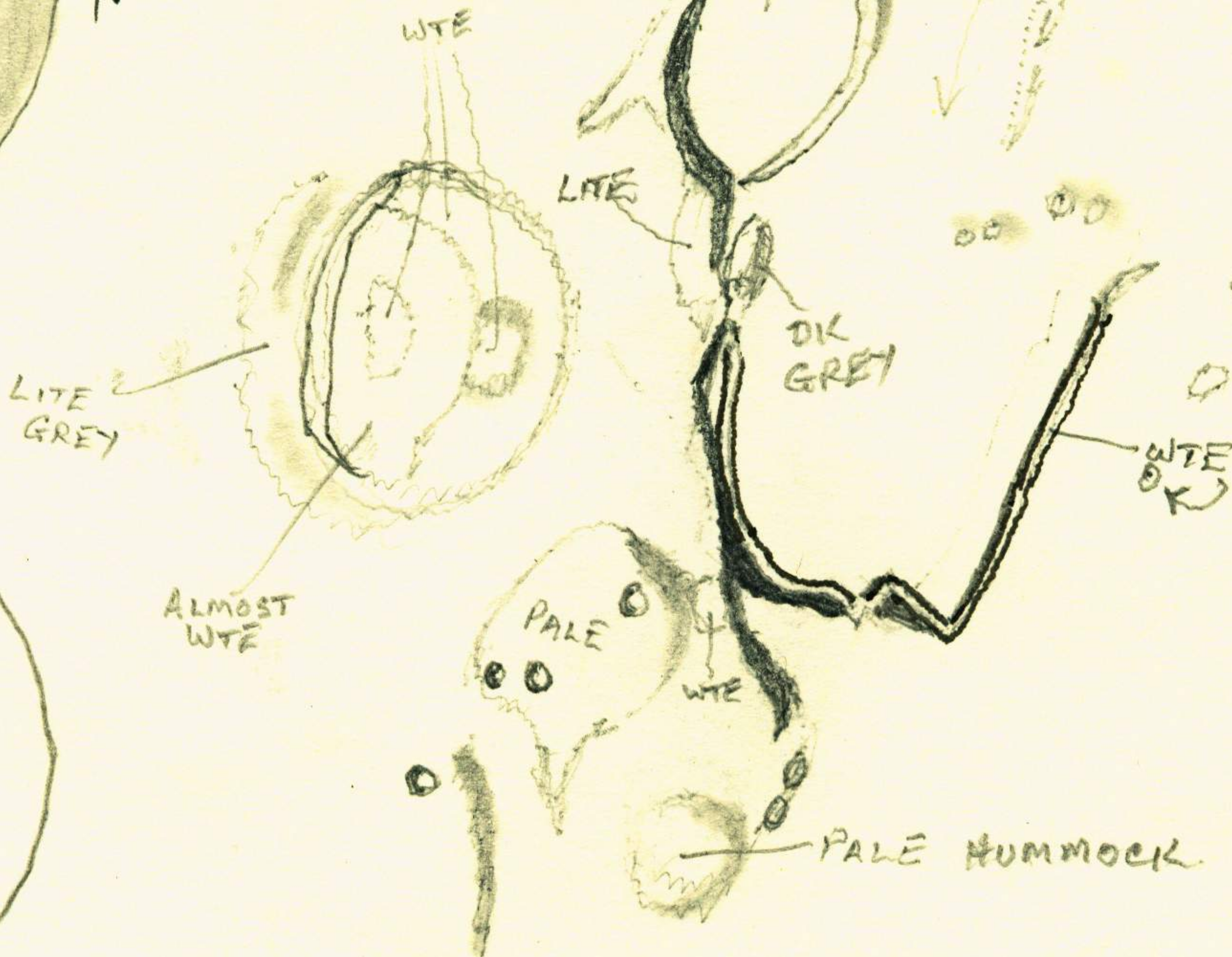
4D 13k  
 after 1st 1/4



28mL CRATER

DARKEST GREY BUT NOT MUCH DARKER THAN AREA

PALE HUMMOCKS



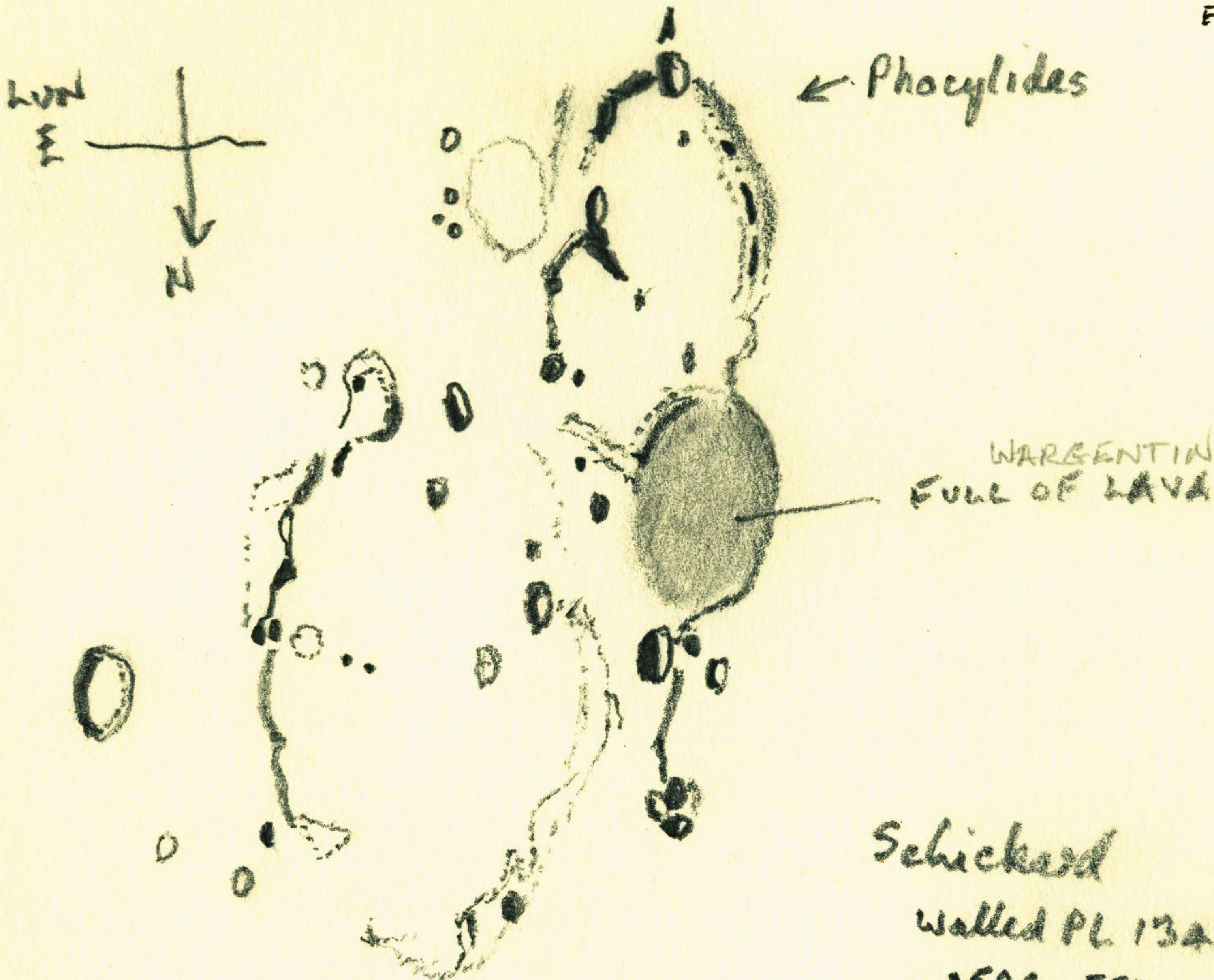


14.2.03 2025-2125UT  
60° SSE 94% Full

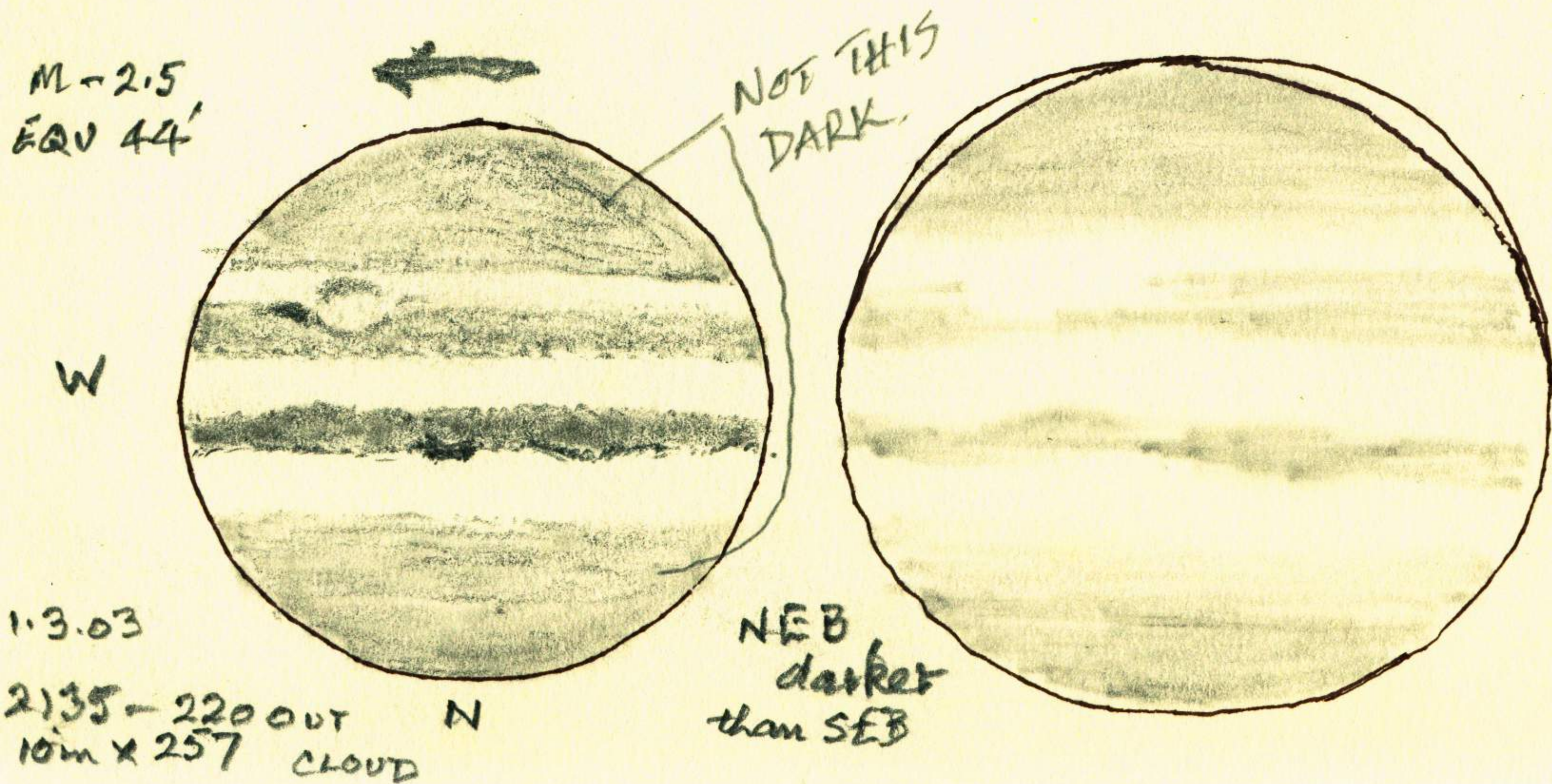
8in Spec x 150. Seeing Fair/Gd.

Full 16th  
235101

2D 3h before  
Full



Schickard  
Walled PL 134mms  
45°S 55°W





11.4.03

2100-2205 UT.

10°N 20°W 56mL Dia King plain

Copernicus

8in x 190, 10in x 202

Seeing good

Age of moon - 46 hrs

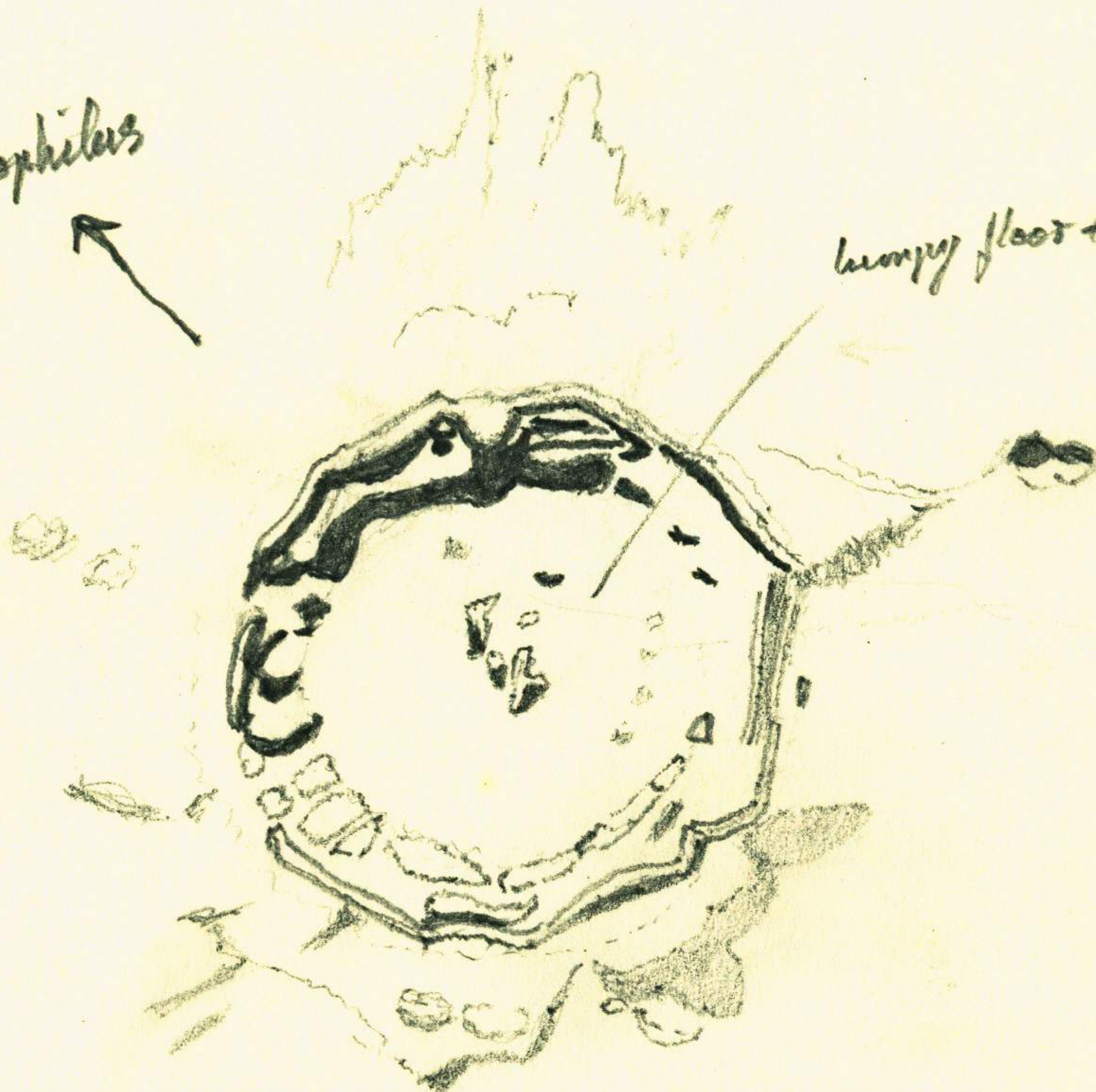
after 1st 1/4

Lunar E  
↑

Theophilus  
↑

lumpy floor this side of peak  
↑

N  
↑





SAT 12.4.03  
1930-2045UT.

8m x 190 Seeing Gd. 55° elev SSE

20 21hrs after  
1st 1/4

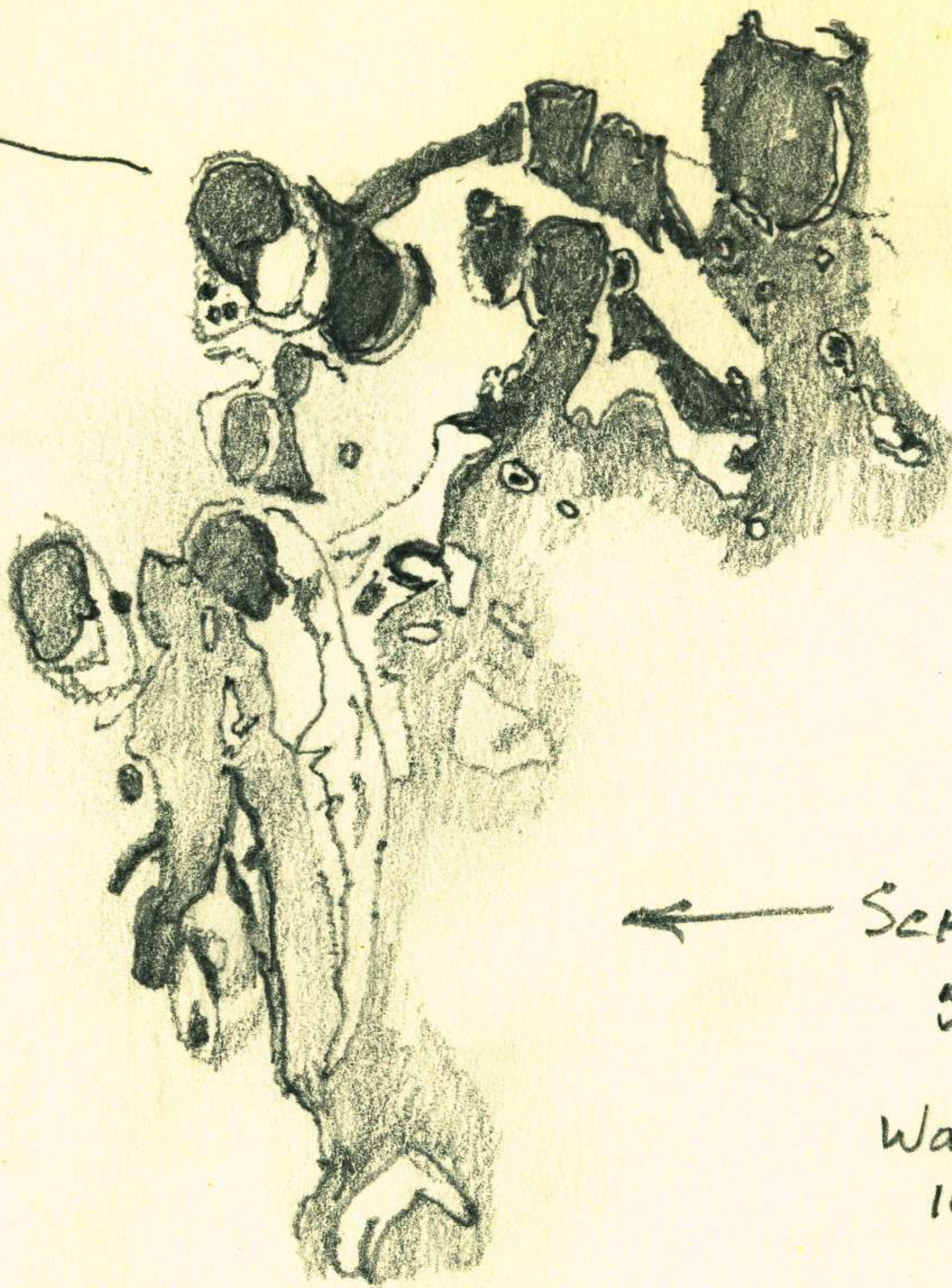
WV

WEIGEL

~~LAUN~~ RO ST  
30x30ML



BAYER  
29x29ML



← SCHILLER

50°S 40°W

Walled plain 113MLS

108x43MLS

SE - NW

BAYER E, SCHIL H NE





2230 - 2325 UT TUE. 16.9.03

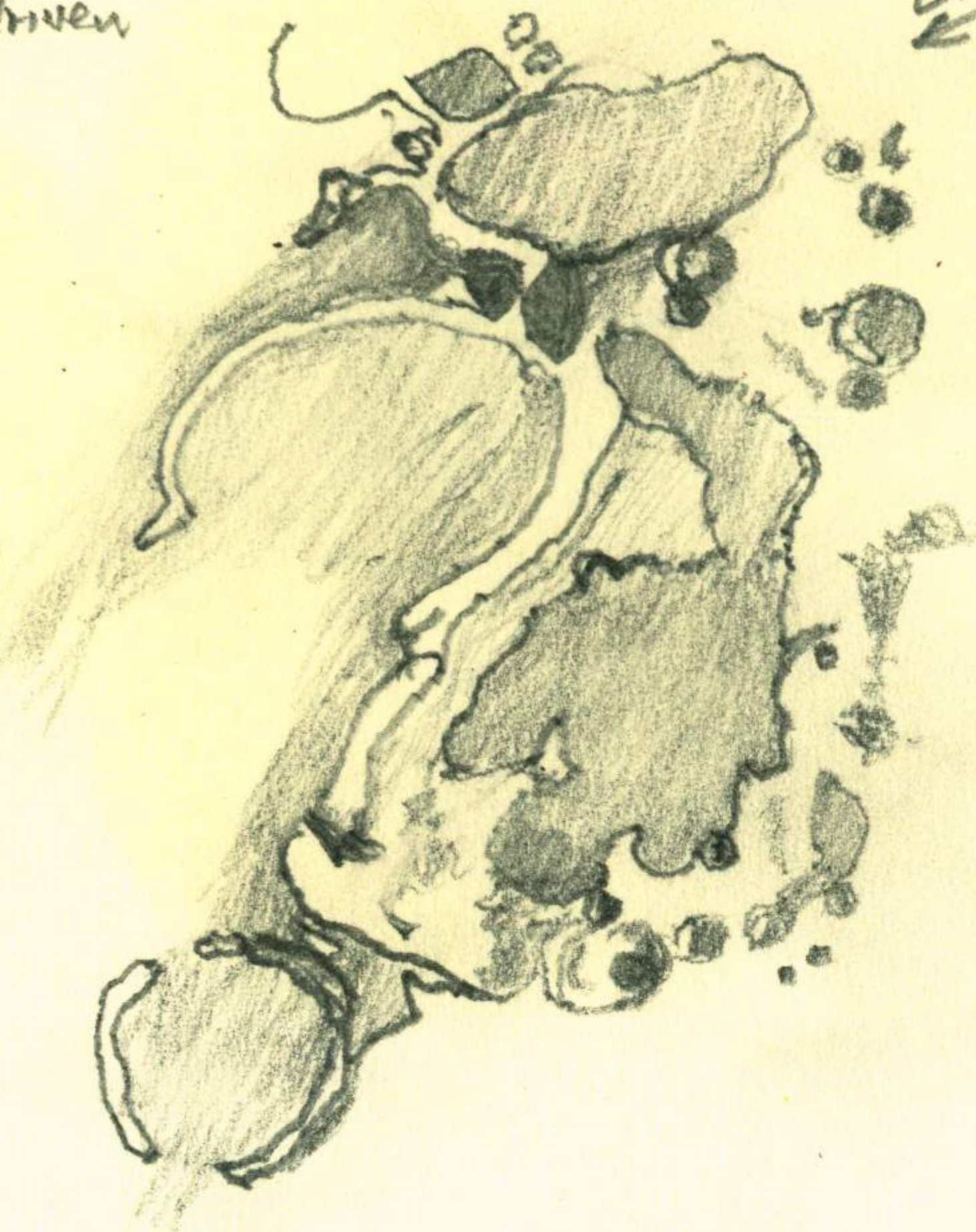
8in Spec X 150 driven  
CB filter



BAROCIVS →  
ON TERMINATOR

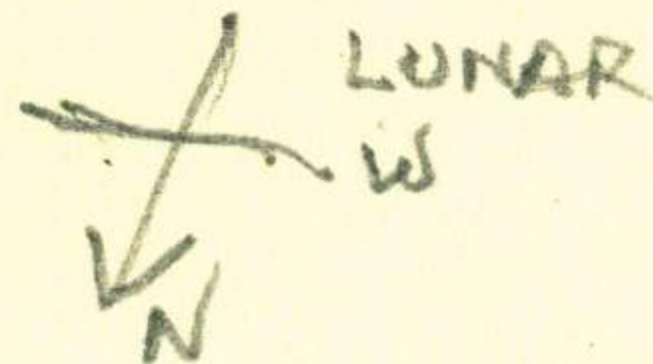


mm



CLAIRAUT  
←

mm



ELEN 20°

Phase 67.2%

44 hrs before last 1/4

WALLED PLAIN 75MLS DIA

MAUROLYCUS  
←

42°S 15°E  
LUNAR



Photo 236.23

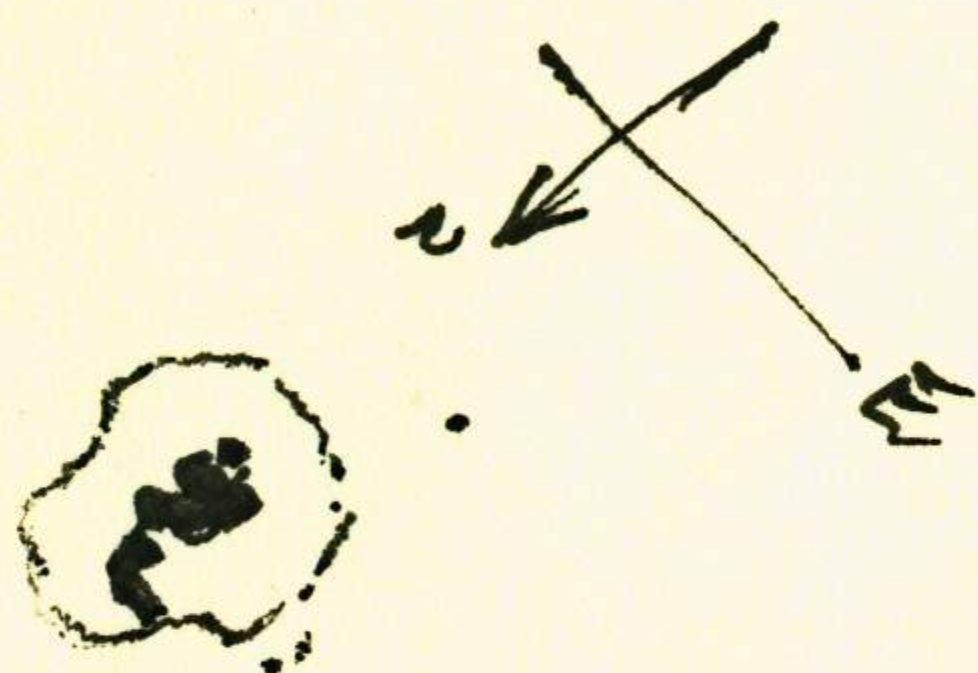
1230-

1-4-02 1110-1200 UT

CLASS E SUNSPOT

8IN SPEC X 72

CLOUD INTERRUPTIONS PREVENTED  
GROUP TO E + ANOTHER SE OF  
THAT





26.12.01 20<sup>50</sup> - 2215 UT

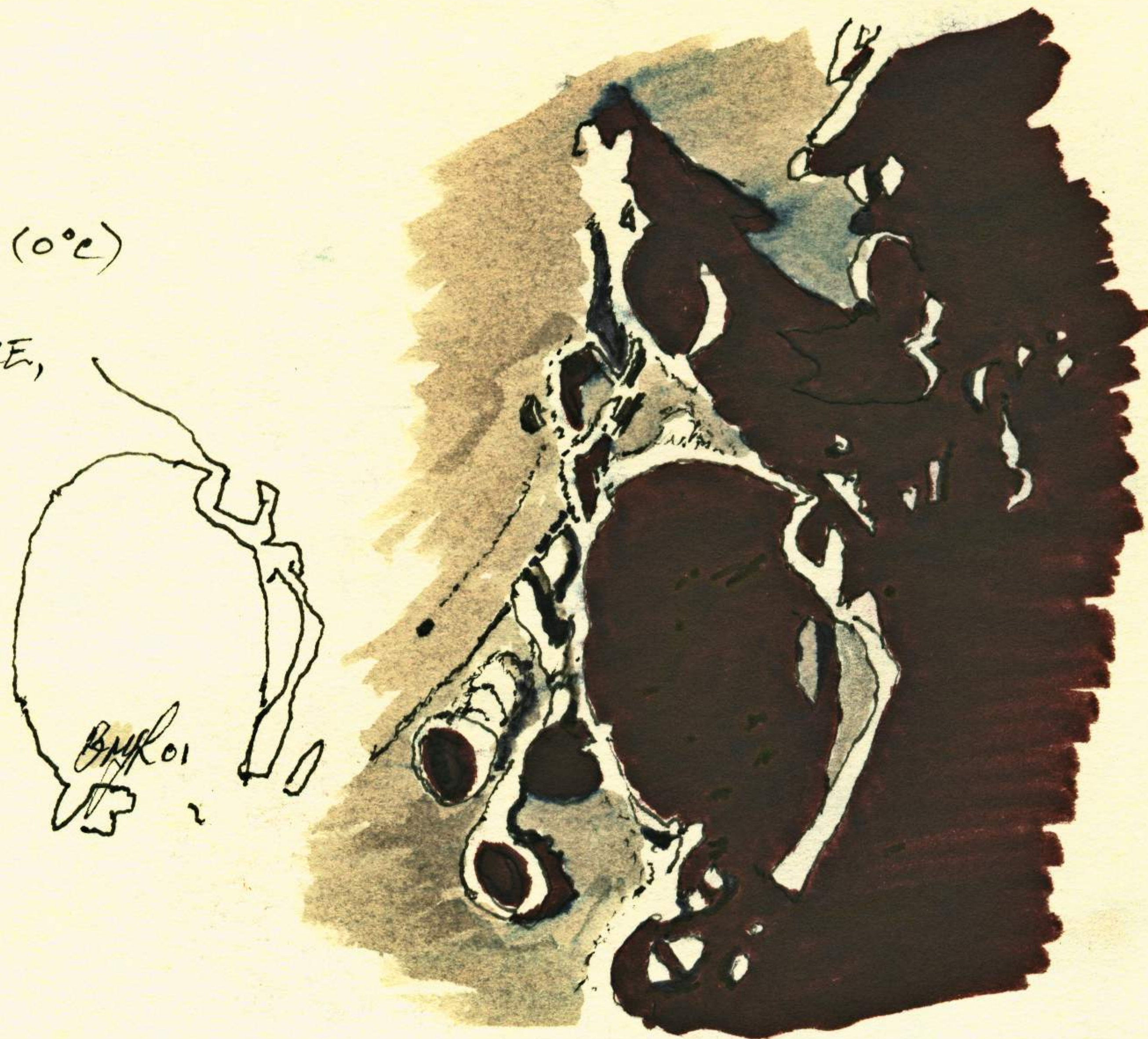
RING MERSENIUS 22°S 50°W  
PLAIN 41MLS DIA.

8IN SPEC X150

V. STEADY SEEING. COLD (0°C)

OUTLINED IN INK AT THE EYEPiece,  
FINISHED WITH BRUSH-PENS.

4 DAYS AFTER  
FIRST QUARTER





21 HRS BEFORE  
1ST QUARTER

SUNDAY  
20.1.02

2030-2050 UT  
STÖFLER ON TERMINATOR  
40°S 50°E

STÖFLER - WALLED PLAIN  
150MLS DIA

LUNAR  
E



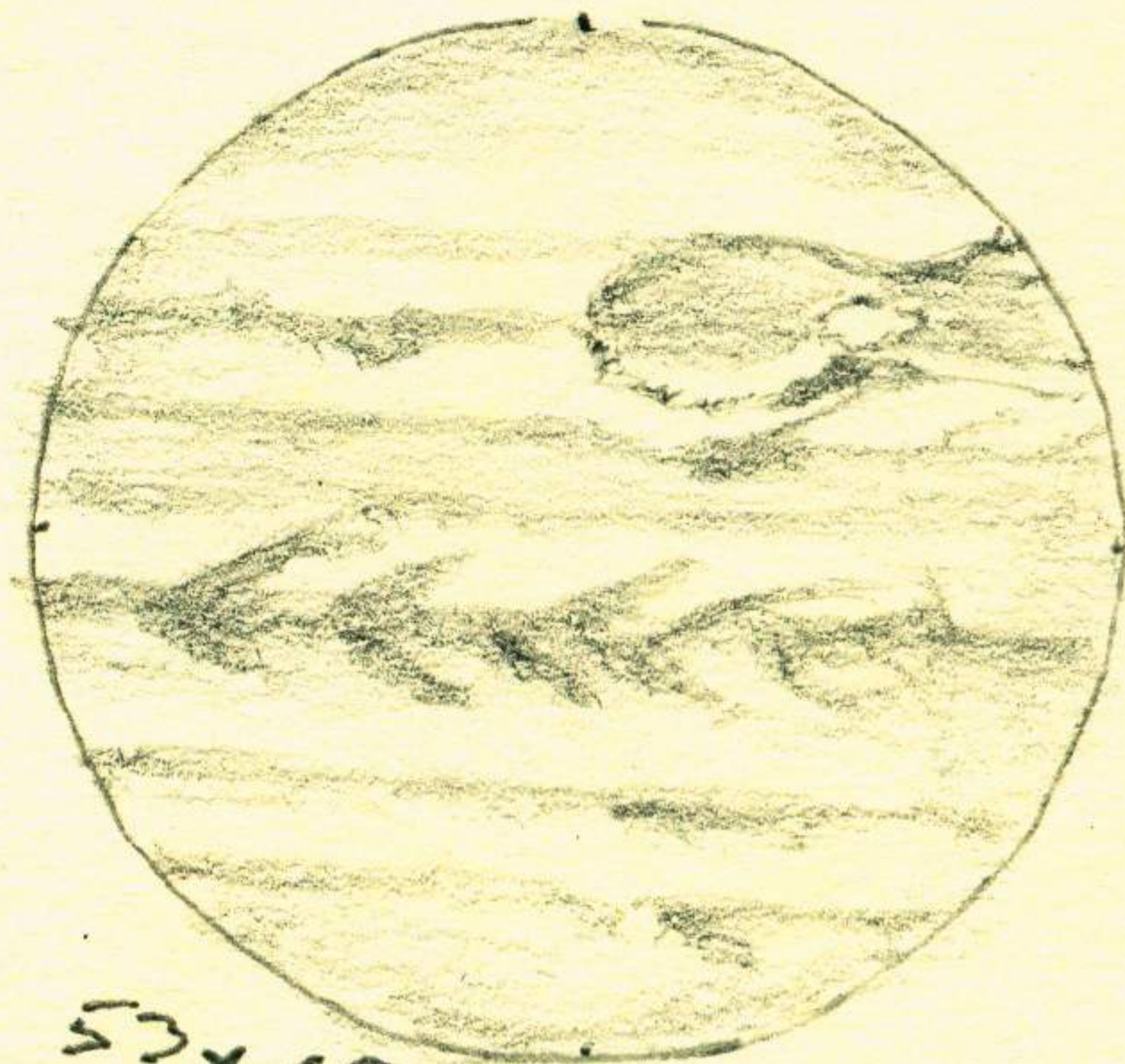
FARADAY →

LICETUS →



← FERNELIUS

9 IN SPEC x 120  
VERY STEADY SEEING.  
MILD 10°C



53 x 49.5









1 MIN f4 200MM TRIPOD  
ISO 100 NEG. FILM

YORK EXCEL 0345 125653(16A)

195,16A

COMET HALE-BOPP

28.3.97 2005 U.T.

COTGRAVE, NOTTS



1 MIN fA 70MM, TRIPOD  
ISO 100 NEG. FILM

YORK EXCEL 0345 125653(17A)

195.17A  
CASSIOPEIA AND  
COMET HALE-BOPP  
28.3.97 2005 U.T.  
COTGRAVE, NOTTS



35 sec f4 200mm. TRIPOD

ISO 100 NEG. FILM

CLOUD INTERRUPTED

YORK EXCEL 0345 125653(15A)

195.15A

COMET HALE-BOPP

28.3.97 2005 U.T.

COTGRAVE  
NOTTS