

# Whole Solar Disk Drawing

Observer BRAD YOUNT

Location HOME

Date/Time 1/26/14 20:30 UT

Seeing & Transparency 3,3

Telescope LUNT LS-35THA

Aperture/FL 35/400 mm

Eyeiece 10

Magnification 40

Filter <0.7A

Double Stacked? No

$L_0 = 209$

$B_0 = -516$

$P_0 = -9.9$

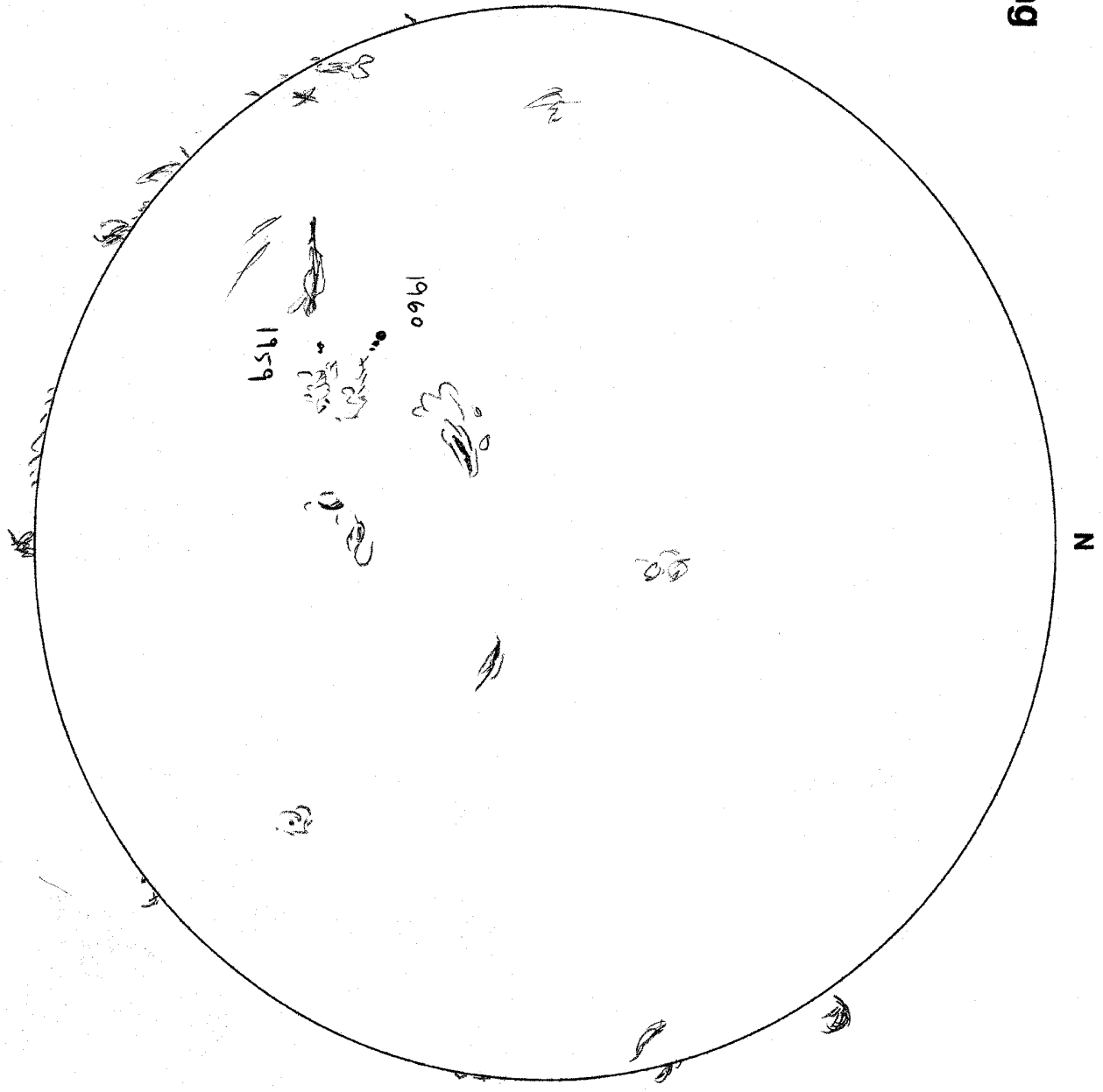
## Imaging Specifications

Camera N/A

Exposure time \_\_\_\_\_

Imaging software V

No. Stacked Images \_\_\_\_\_



# Whole Solar Disk Drawing

Nov 21<sup>st</sup> 1837  
L<sub>o</sub> 1837  
B<sub>o</sub> -5.77  
-10.18

Observer: BRAVO YOUNG

Location: CHL PARK

Date/Time <sup>UT</sup> 1/28/14 18:40 - 18:55

Seeing & Transparency: 2,2

Telescope: LUNT LS-35 T74A

Aperture/FL: 35/400 mm

Eyeiece: 10 mm

Magnification: 40X

Filter: < 0.7 Å

Double Stacked? NO

Wow! 3 ruffen

FKA Alt 1944

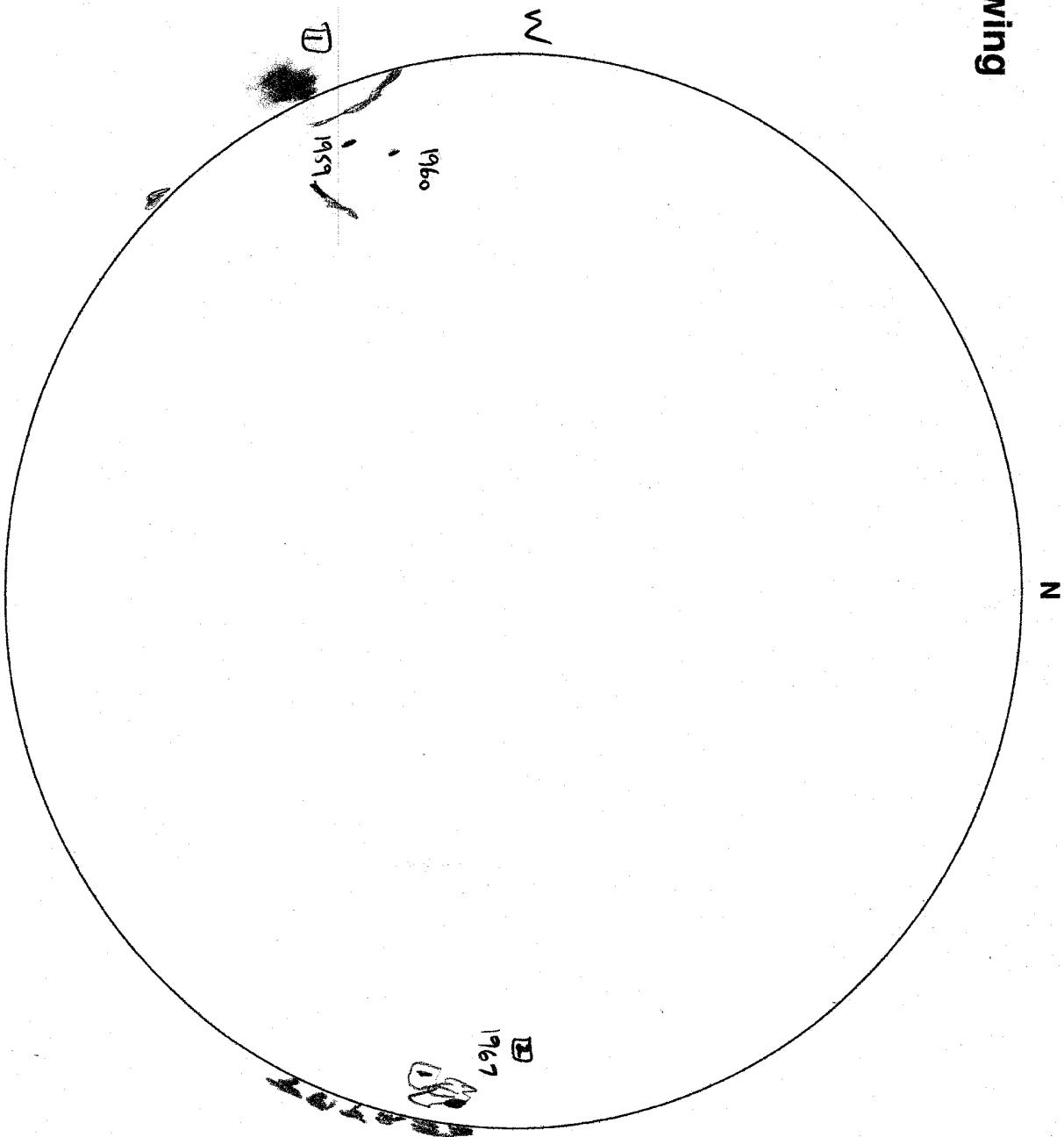
## Imaging Specifications

Camera: N/A

Exposure time: \_\_\_\_\_

Imaging software: \_\_\_\_\_

No. Stacked Images: \_\_\_\_\_



# Whole Solar Disk Drawing

APPARENT  
N

Observer BRAAD YOUNG

Location HOMER (5th PHASE)

Date/Time UT 1/29/14 19:20-20:30

Seeing & Transparency 1 2 3 4 5  
2 3 4 5

Telescope LUNT LS-35 TTA

Aperture/FL 35/400 mm

Eyepiece 10 mm

Magnification 40X

Filter < 0.7 A

Double Stacked? NO

BUTHER SEOS

VERY WINDY!

## Imaging Specifications

Camera N/A

Exposure time \_\_\_\_\_

Imaging software \_\_\_\_\_

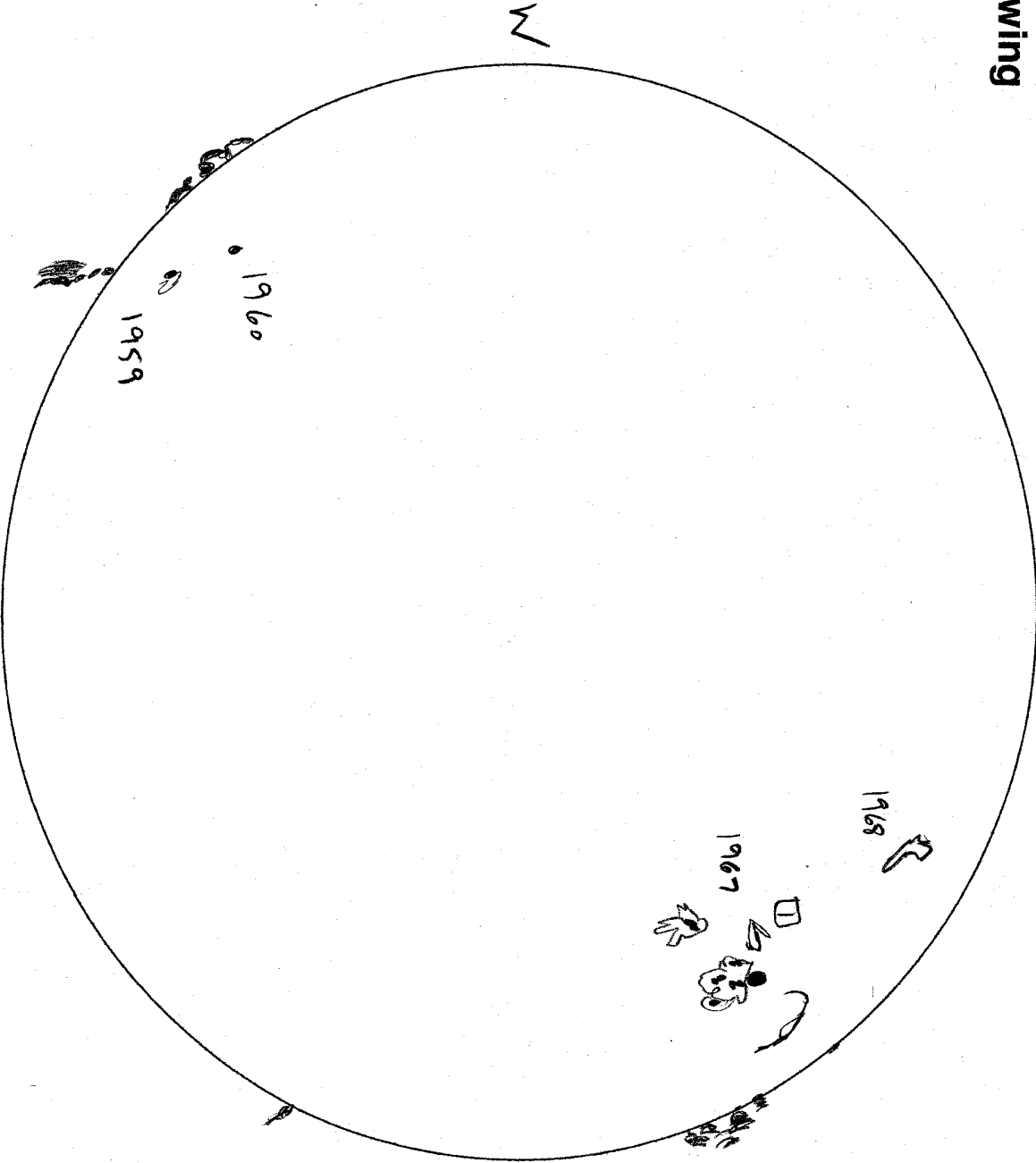
No. Stacked Images \_\_\_\_\_

ROSTANON 2146

L<sub>0</sub> 170.4

B<sub>0</sub> -5.84

P<sub>0</sub> -11.21



# Whole Solar Disk Drawing

Observer BRAO YOUNG

Location HOME <sup>HT</sup> PHOTO

Date/Time <sup>UT</sup> 1/30/14 19:45-19:50

Seeing & Transparency 1 2 3 4 5  
2 3 4 5

Telescope LUNT LS-35 THA

Aperture/FL 35/400 mm

Eyepiece 10 mm

Magnification 40X

Filter < 0.7 A

Double Stacked? NO

## Imaging Specifications

Camera N/A

Exposure time \_\_\_\_\_

Imaging software \_\_\_\_\_

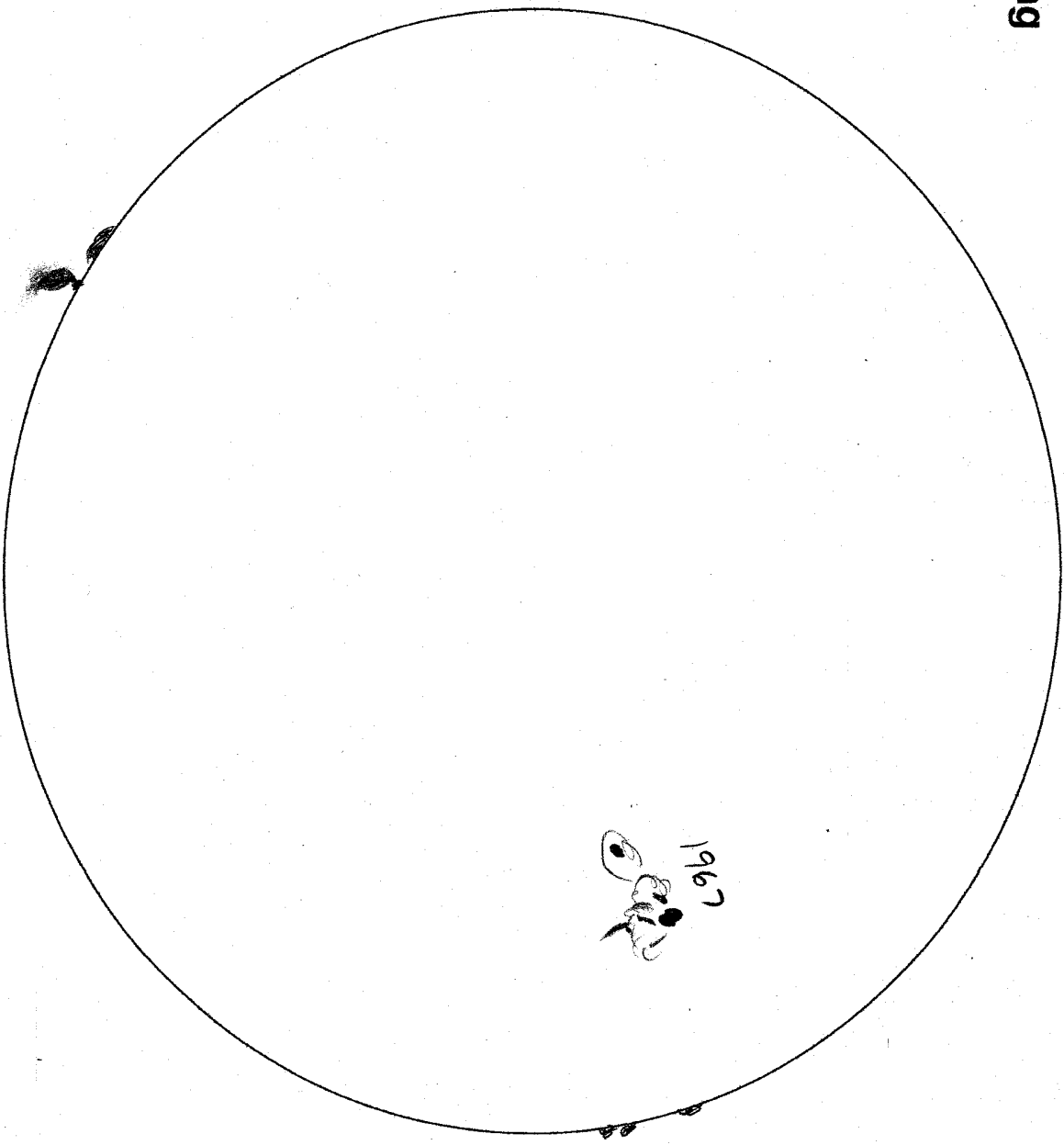
No. Stacked Images \_\_\_\_\_

Rotation 2146

$L_0$  156.7

$B_0$  -5.93

$P_0$  -11.65



APPARENT  
N

# Whole Solar Disk Drawing

Observer BRAAD YOUNG

Location HOME <sup>THA</sup> PHILA

Date/Time 2/3/14 <sup>UT</sup> 15:30-15:40 <sup>UT</sup>

Seeing & 2.3 4.5  
Transparency 1.2 3.4 5

Telescope LUNT LS-35 THA

Aperture/FL 35/400 mm

Eyepiece 10 mm

Magnification 40X

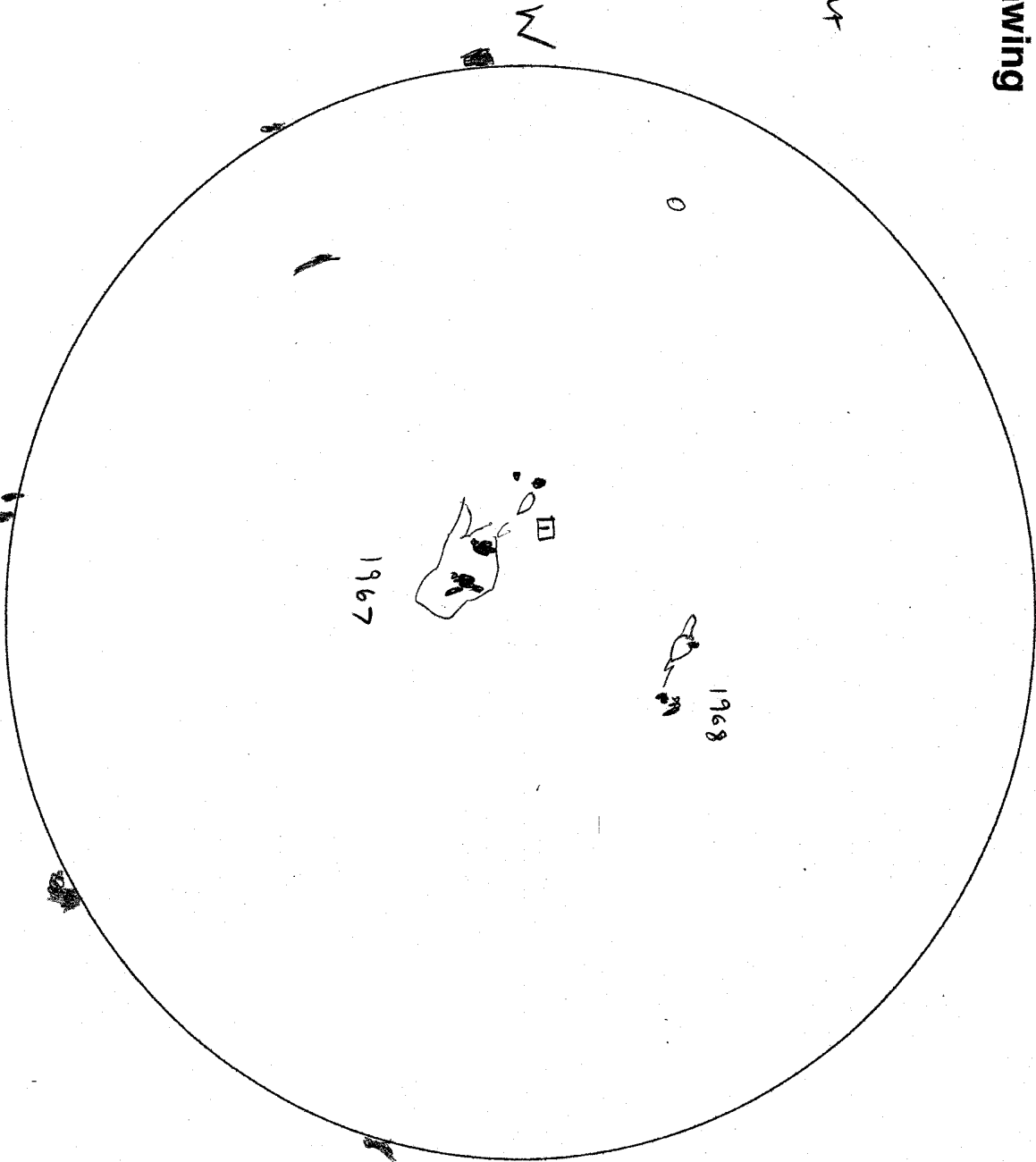
Filter < 0.7 A

Double Stacked? NO

Empty 8x11cm Film  
 CLOUDED VR LATER,  
 HAD TO SEE LOW.  
 Imaging Specifications

Camera N/A  
 Exposure time \_\_\_\_\_  
 Imaging software \_\_\_\_\_  
 No. Stacked Images \_\_\_\_\_

ROTATION 2146  
 L<sub>0</sub> 106.3  
 B<sub>0</sub> -6.20  
 P<sub>0</sub> -13.2



APPARENT  
N

# Whole Solar Disk Drawing

Observer BRAO YOUVE

Location Home <sup>STH</sup> <sub>Prize</sub>

Date/Time 2/15/14 <sup>UT</sup> 19:30-19:45

Seeing & Transparency 0.2 3 4 5  
0.3 4 5

Telescope LUNT LS-35 THA

Aperture/FL 35/400 mm

Eyeiece 9 ~~10~~ mm

Magnification 44 ~~45~~ X

Filter < 0.7 A

Double Stacked? NO

## Imaging Specifications

Camera N/A

Exposure time \_\_\_\_\_

Imaging software \_\_\_\_\_

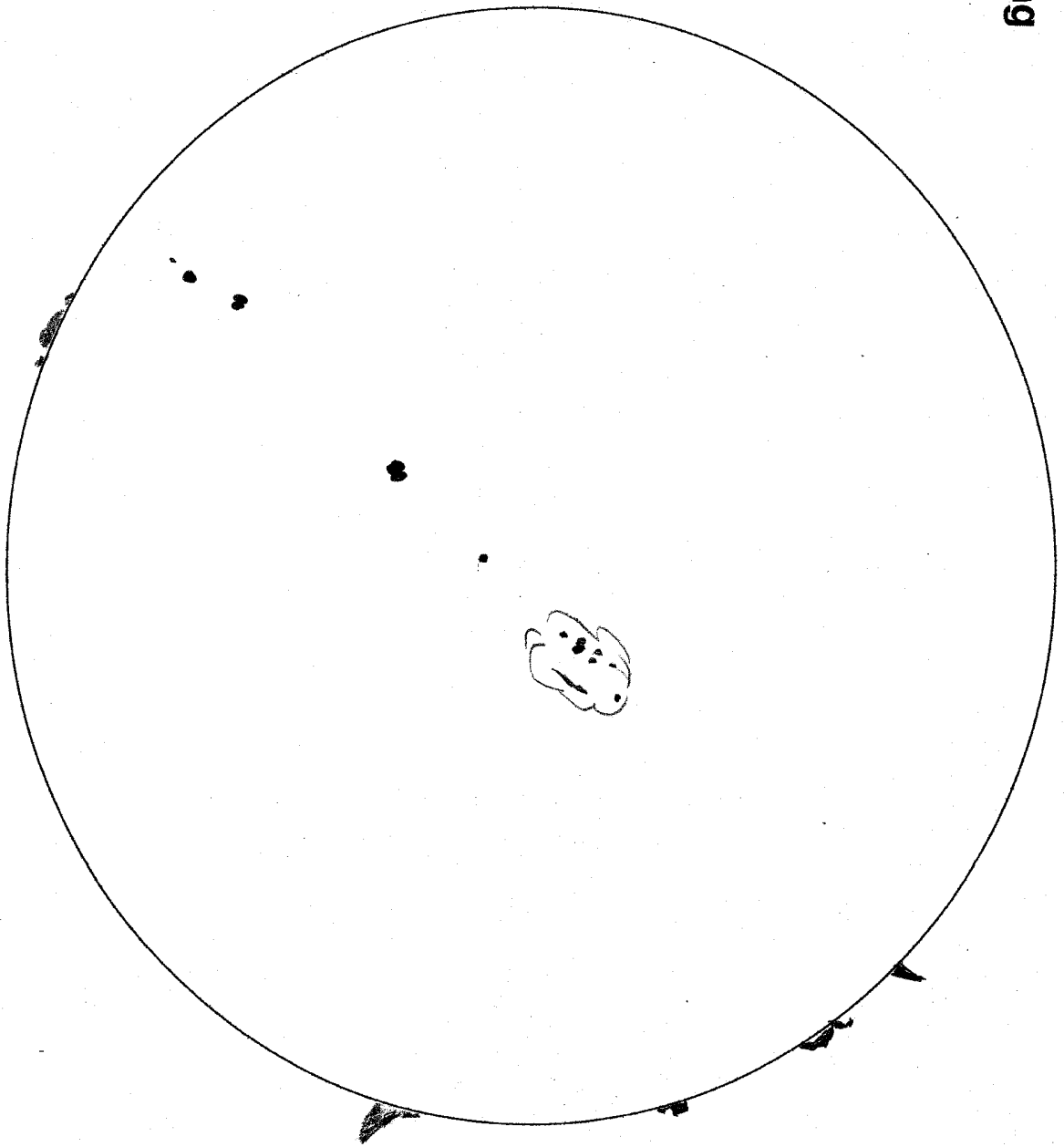
No. Stacked Images 1

Rotation \_\_\_\_\_

L<sub>0</sub> \_\_\_\_\_

B<sub>0</sub> \_\_\_\_\_

P<sub>0</sub> \_\_\_\_\_



APPARENT  
N

# Whole Solar Disk Drawing

APPARENT  
N

Observer BRAO YOUVE

Location HOME <sup>SM</sup> PHOTO

Date/Time 3/9/14 18:10-18:35

Seeing & Transparency 1.2 3 4 5

Telescope LUNT LS-35 THA

Aperture/FL 35/400 mm

Eye-piece 9 mm

Magnification 44X

Filter < 0.7 A

Double Stacked? NO

SUNSPOTS HOODEN BY V. BRITISH  
 FLARES 2

## Imaging Specifications

Camera N/A

Exposure time \_\_\_\_\_

Imaging software \_\_\_\_\_

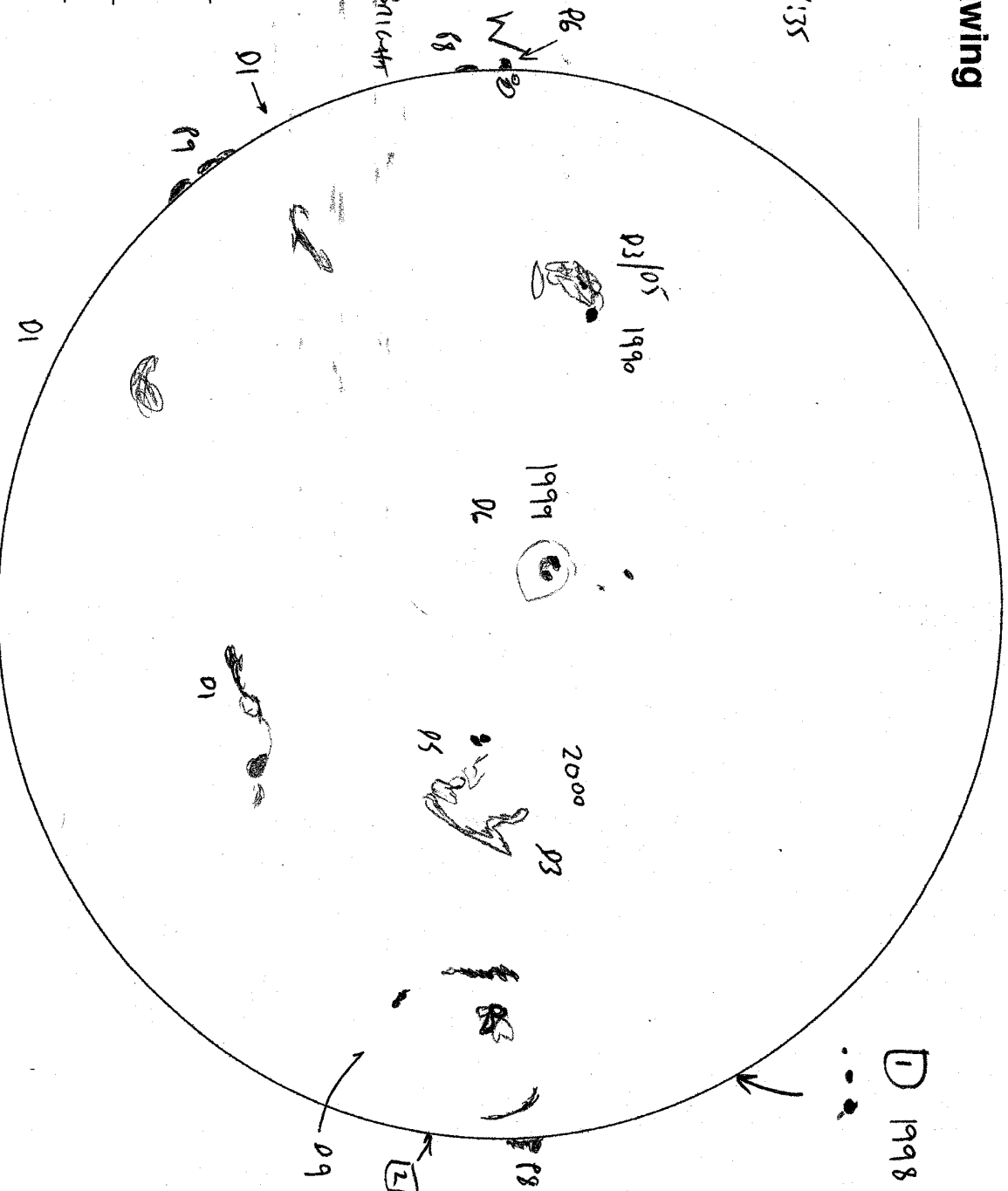
No. Stacked Images \_\_\_\_\_

Rotation 247

L<sub>0</sub> 17.3

B<sub>0</sub> -7.2

P<sub>0</sub> -23.5



# Whole Solar Disk Drawing

Observer BRAO YOUVE

Location HOME <sup>(MTR)</sup> <sub>(PMT)</sub>

Date/Time UT 3/13/14 17:45-18:00

Seeing & Transparency 1 2 3 4 5

Telescope LUNT LS-35 THA

Aperture/FL 35/400 mm

Eyeiece 9 mm

Magnification 44 X

Filter < 0.7 A

Double Stacked? NO

## Imaging Specifications

Camera N/A

Exposure time \_\_\_\_\_

Imaging software \_\_\_\_\_

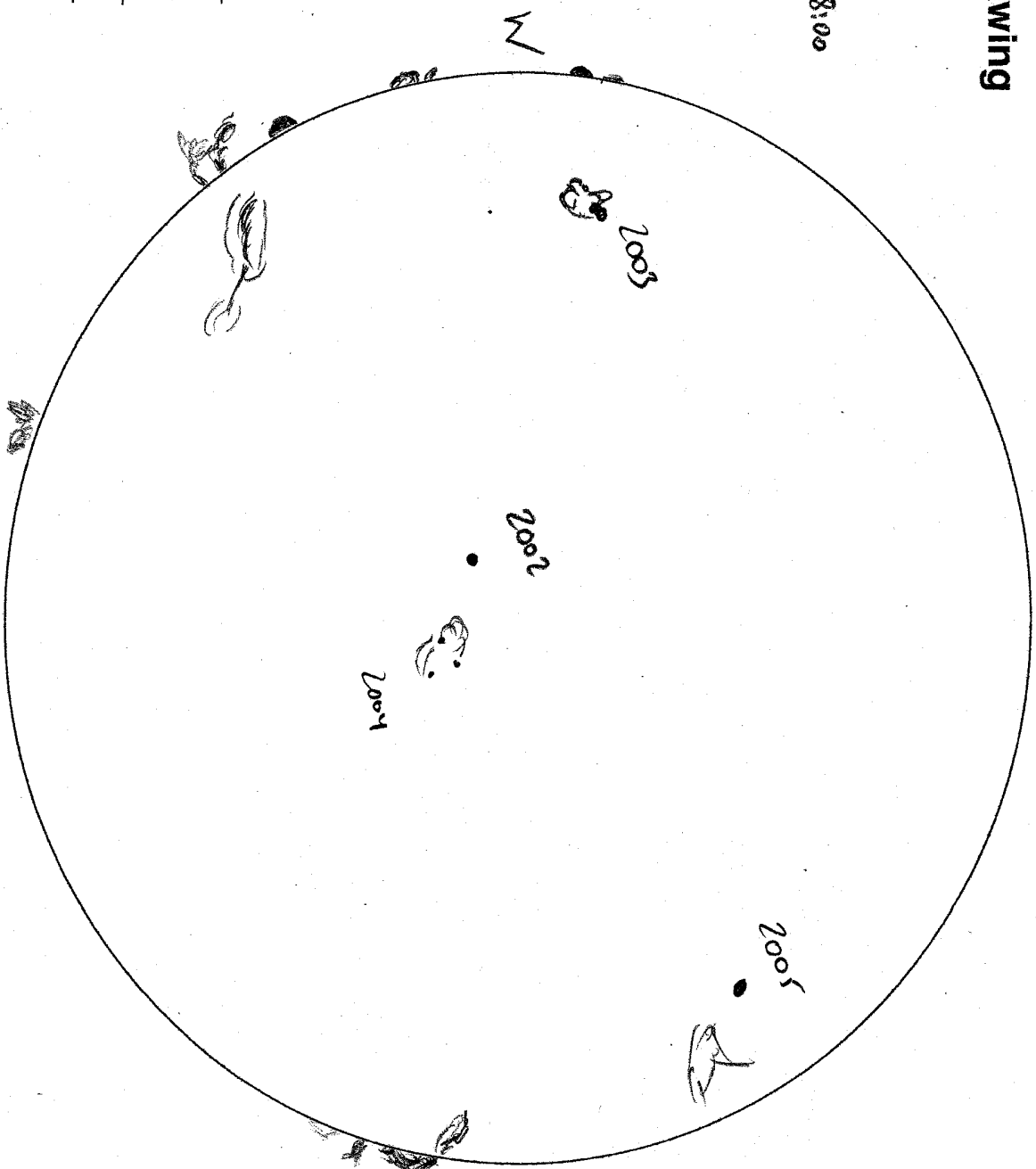
No. Stacked Images \_\_\_\_\_

Rotation 2148

L<sub>0</sub> 325

B<sub>0</sub> -7.2

P<sub>0</sub> -24.2



APPARENT  
N



# Whole Solar Disk Drawing

APPARENT  
N

Observer BRAAD YOUNG

Location HOME <sup>STH</sup> PAVILION

Date/Time 9/14/14 16:30-16:45

Seeing & Transparency 2.4 5  
2.3 4 5

Telescope LUNT LS-35 THA

Aperture/FL 35/400 mm

Eyeiece 5 ~~10~~ mm

Magnification 80X

Filter < 0.7 A

Double Stacked? NO

W

## Imaging Specifications

Camera N/A

Exposure time \_\_\_\_\_

Imaging software \_\_\_\_\_

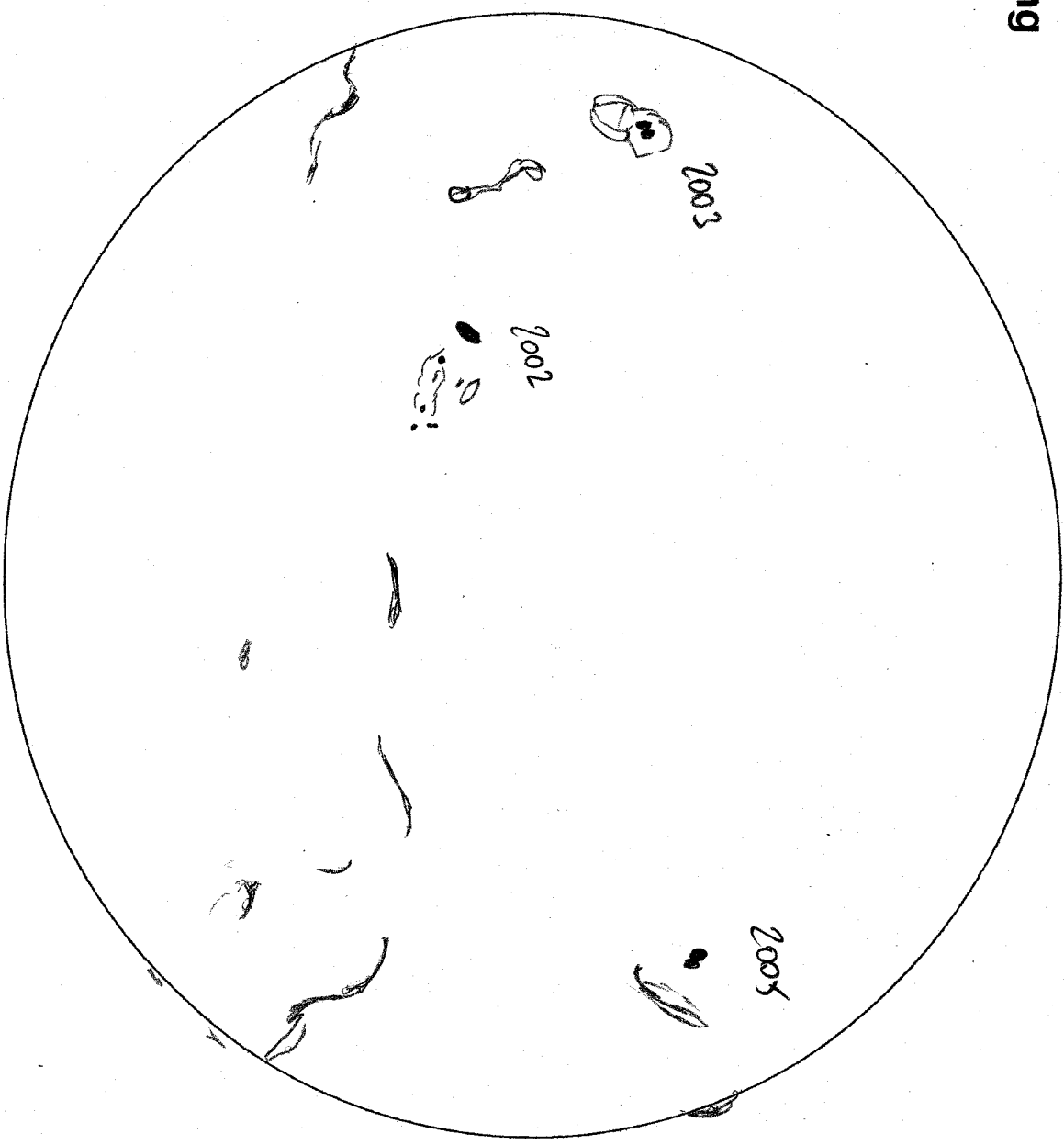
No. Stacked Images \_\_\_\_\_

Rotation 2148

$L_0$  3.2

$B_0$  -7.2

$P_0$  -24.4



# Whole Solar Disk Drawing

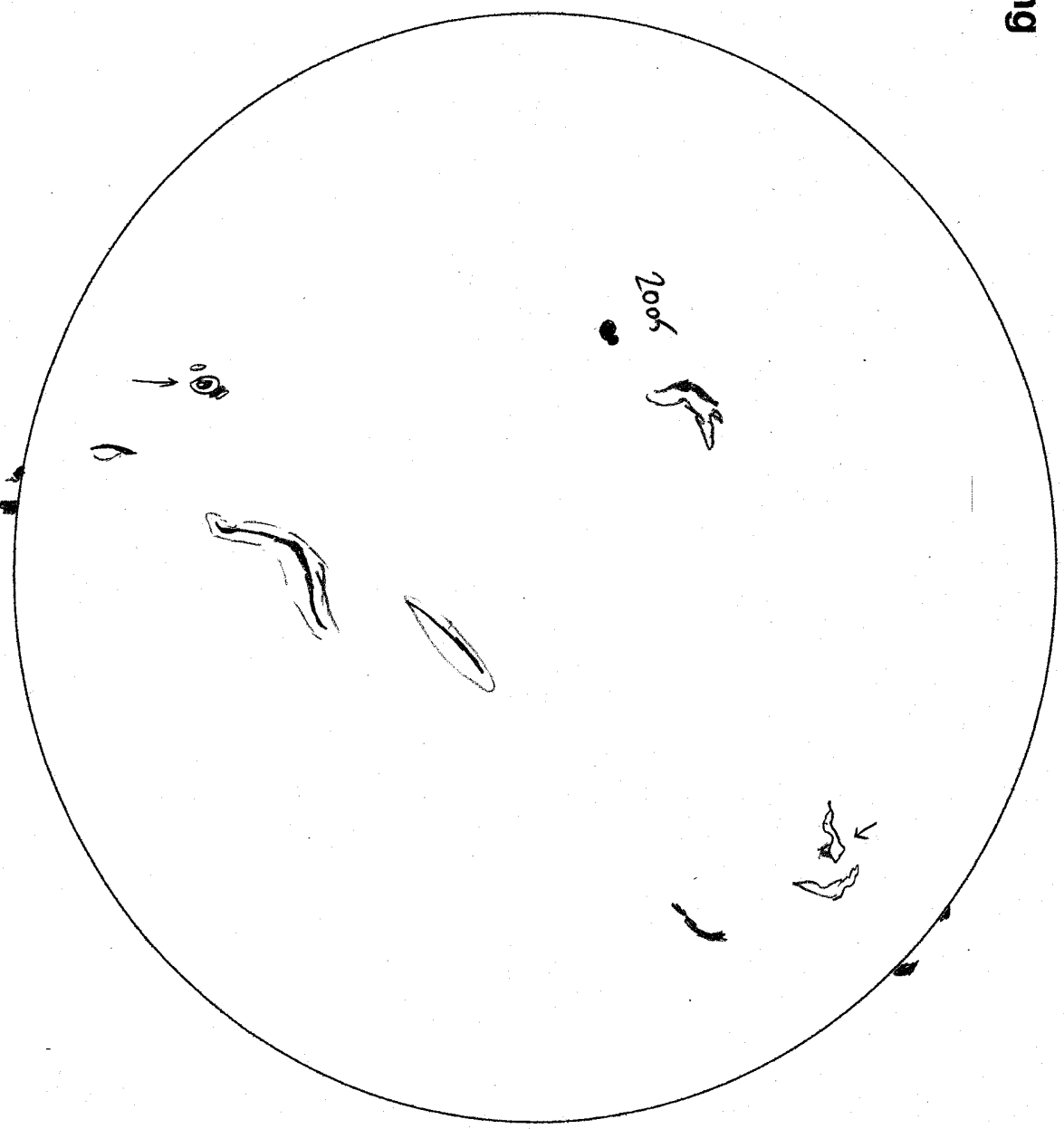
APPARENT  
N

Observer BRAAD YOUNG  
 Location HOME <sup>STH</sup> SPRUE  
 Date/Time <sup>UT</sup> 3/18/14 19:40-19:55  
 Seeing & 1 2 3 4 5  
 Transparency 1 2 3 4 5  
 Telescope LUNT LS-35 THA  
 Aperture/FL 35/400 mm  
 Eyepiece 9 ~~10~~ mm  
 Magnification 44 ~~40~~ X  
 Filter < 0.7 A  
 Double Stacked? NO

## Imaging Specifications

Camera N/A  
 Exposure time \_\_\_\_\_  
 Imaging software \_\_\_\_\_  
 No. Stacked Images \_\_\_\_\_

Rotation 2148  
 L<sub>0</sub> 258  
 B<sub>0</sub> -7.1  
 P<sub>0</sub> -25.0



# Whole Solar Disk Drawing

Observer BRAD YOUNG

Location HOME <sup>THA</sup> Smith

Date/Time <sup>UT</sup> 19,30 - 19,45 UT

Seeing & Transparency 1.2 3 4 5

Telescope LUNT LS-35 THA

Aperture/FL 35/400 mm

Eyepiece 9 ~~10~~ mm

Magnification 44 ~~45~~ X

Filter < 0.7 A

Double Stacked? NO

## Imaging Specifications

Camera N/A

Exposure time \_\_\_\_\_

Imaging software \_\_\_\_\_

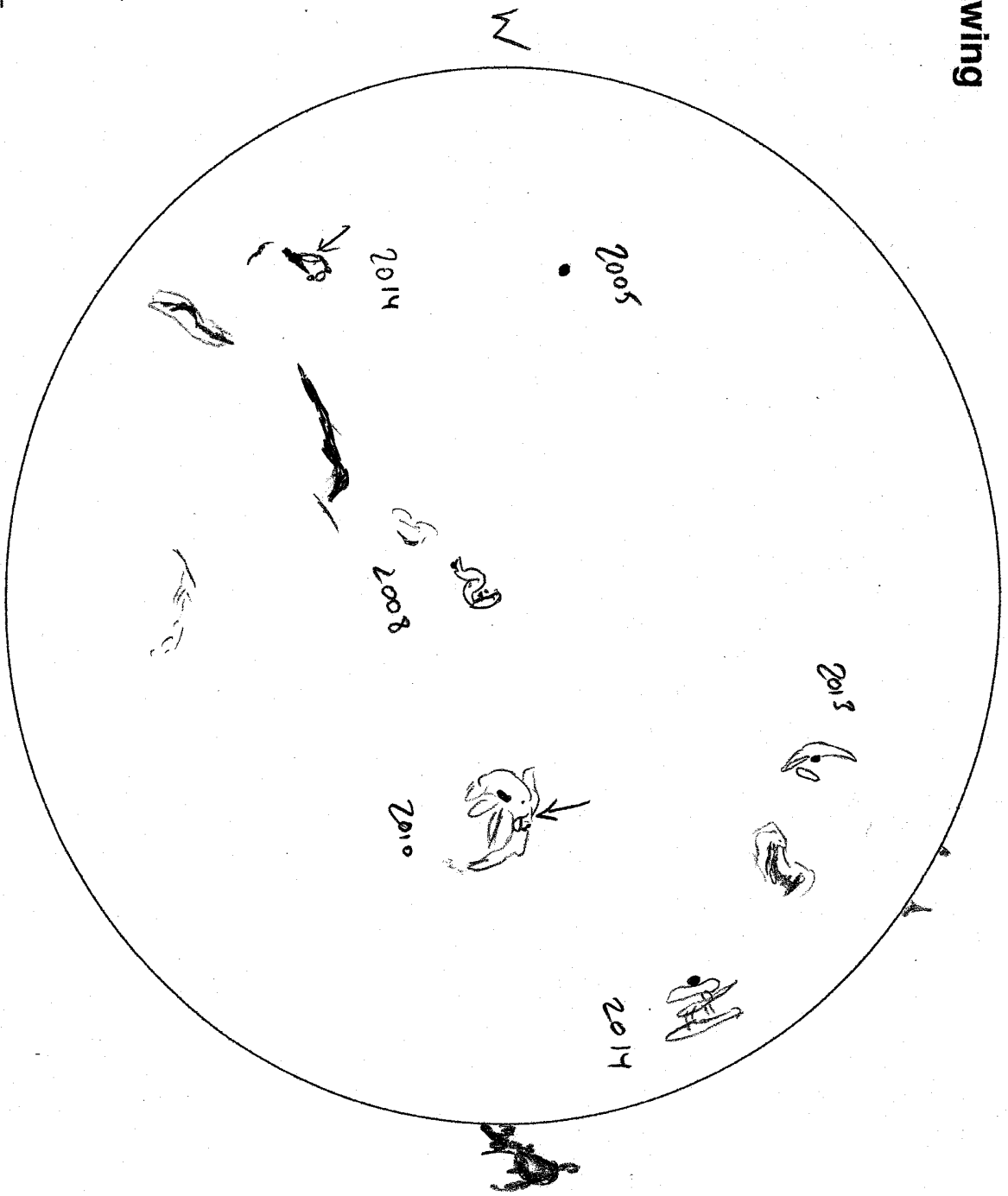
No. Stacked Images \_\_\_\_\_

Rotation 2148

L<sub>0</sub> 218

B<sub>0</sub> -7.0

P<sub>0</sub> -25.3



APPERT  
N

W

# Whole Solar Disk Drawing

APPARENT  
N

Observer BRAO YOUVE

Location HOME <sup>STH</sup> <sub>Prize</sub>

Date/Time <sup>UT</sup> 4/12/14 19:20-19:30

Seeing & Transparency 1 2 3 4 5

Telescope LUNT LS-35 THA

Aperture/FL 35/400 mm

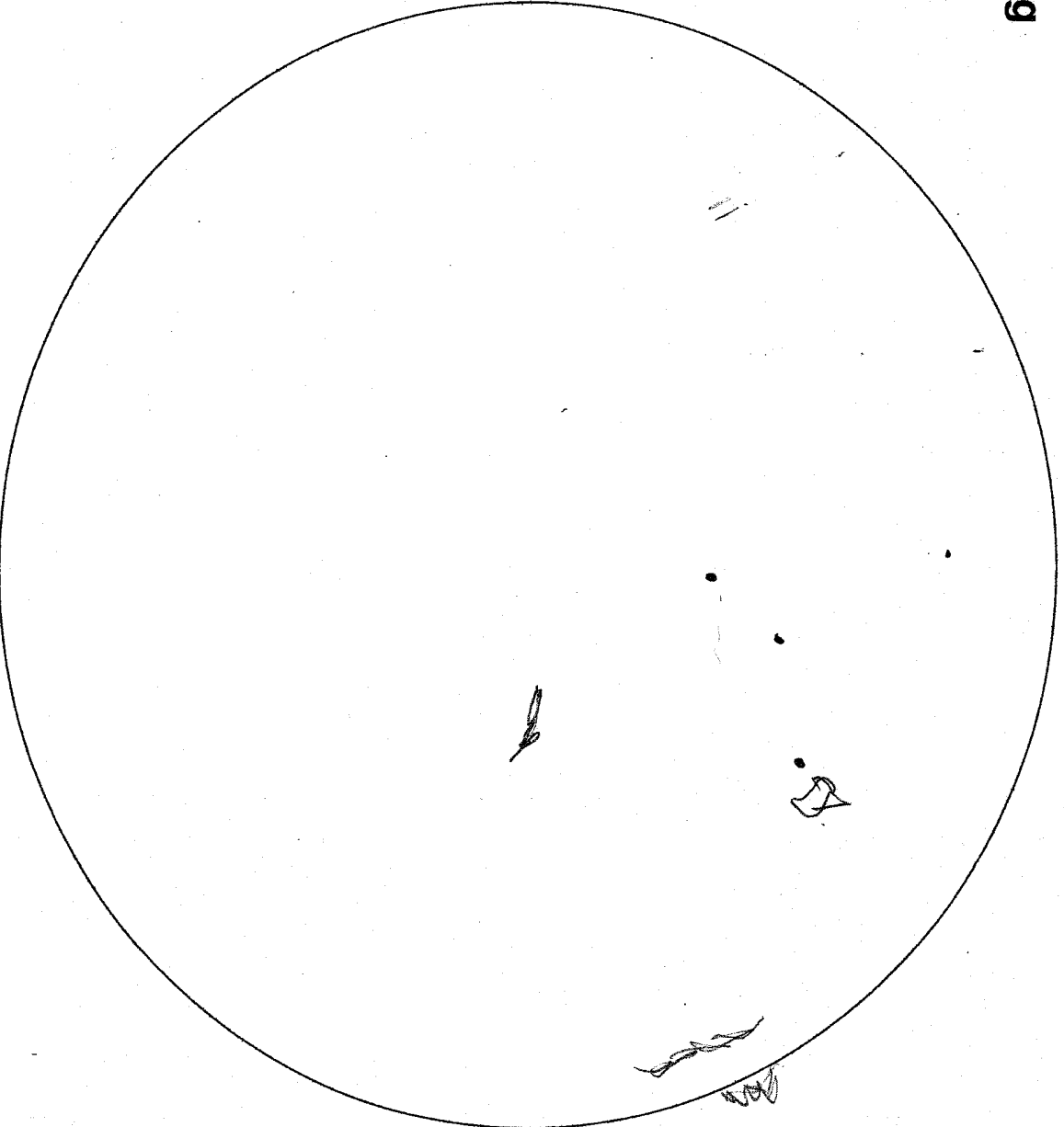
Eyeiece 9 ~~10~~ mm

Magnification 44 ~~45~~ X

Filter < 0.7 A

Double Stacked? NO

W



## Imaging Specifications

Camera N/A

Exposure time \_\_\_\_\_

Imaging software \_\_\_\_\_

No. Stacked Images 1

Rotation \_\_\_\_\_

L<sub>0</sub> \_\_\_\_\_

B<sub>0</sub> \_\_\_\_\_

P<sub>0</sub> \_\_\_\_\_

# Whole Solar Disk Drawing

APPARENT  
N

Observer BRAO YOUNG

Location HOME <sup>CHD</sup> PHILA

Date/Time <sup>UT</sup> 15:25 US

Seeing & Transparency 1 2 3 4 5

Telescope LUNT LS-35 THA

Aperture/FL 35/400 mm

Eyepiece 9 mm

Magnification 44X

Filter < 0.7 A

Double Stacked? NO

## Imaging Specifications

Camera N/A

Exposure time \_\_\_\_\_

Imaging software \_\_\_\_\_

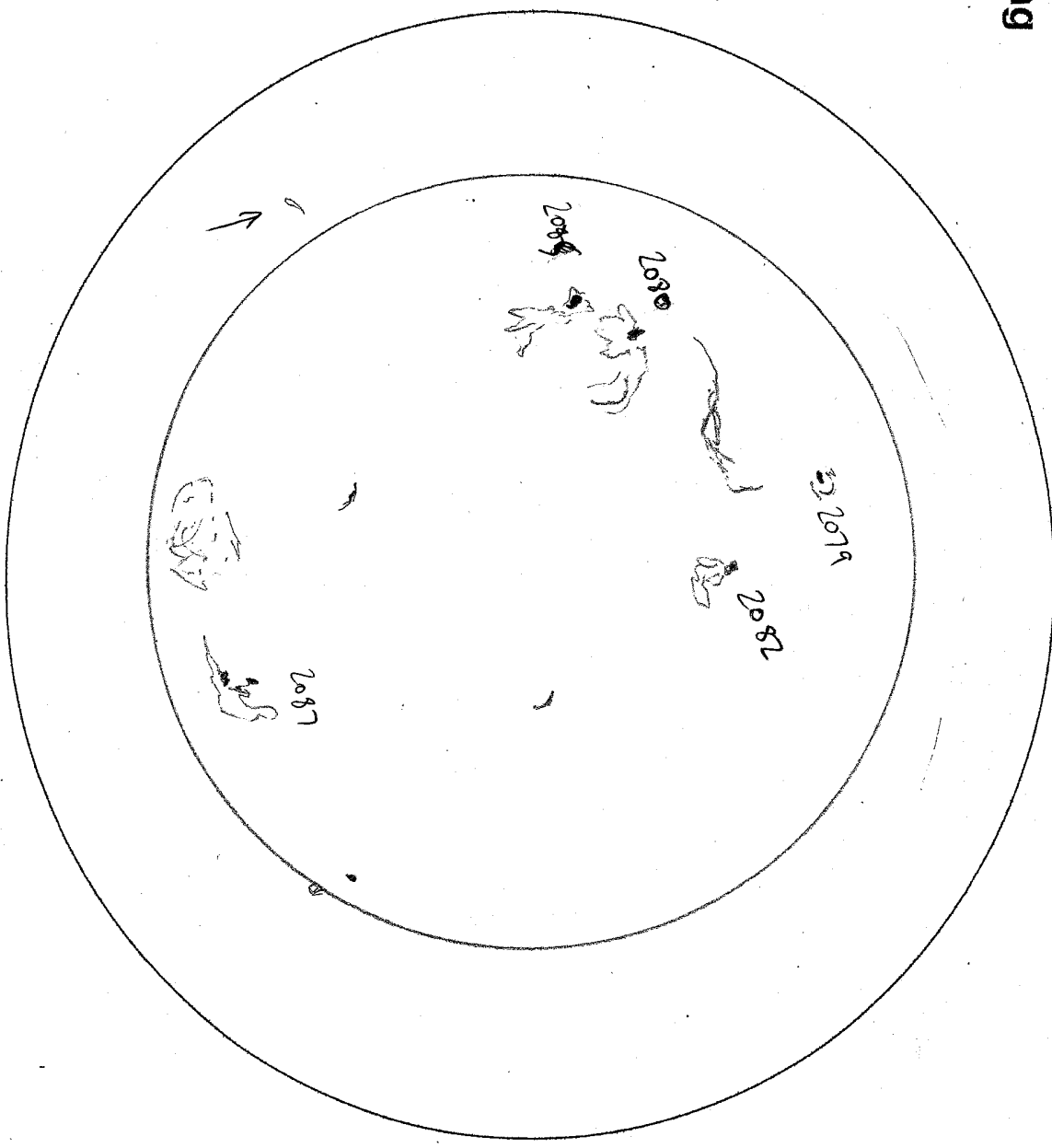
No. Stacked Images \_\_\_\_\_

Rotation 2151

L<sub>0</sub> 2169

B<sub>0</sub> 0.59

P<sub>0</sub> -11.26



W

# Whole Solar Disk Drawing

APPARENT  
N

Observer BRAO YOUNG

Location Home <sup>STH</sup> <sub>Drive</sub>

Date/Time 11/30/14 18:00 - 18:20

Seeing & Transparency 1.8 3 4 5  
0.3 4 5

Telescope LUNT LS-35 THA

Aperture/FL 35/400 mm

Eyepiece 9 mm

Magnification 44x

Filter < 0.7 A

Double Stacked? NO

## Imaging Specifications

Camera N/A

Exposure time \_\_\_\_\_

Imaging software \_\_\_\_\_

No. Stacked Images \_\_\_\_\_

Rotation \_\_\_\_\_

L<sub>0</sub> \_\_\_\_\_

B<sub>0</sub> \_\_\_\_\_

P<sub>0</sub> \_\_\_\_\_



N

# Whole Solar Disk Drawing

Observer BRAAD YOUNG

Location HOME <sup>City</sup> Private

Date/Time UNKNOWN Aug-Oct 15  
2014

Seeing & Transparency 1 2 3 4 5  
1 2 3 4 5

Telescope LUNT LS-35 THA

Aperture/FL 35/400 mm

Eyepiece 9 mm

Magnification 44x

Filter < 0.7 A

Double Stacked? NO

W

## Imaging Specifications

Camera N/A

Exposure time \_\_\_\_\_

Imaging software \_\_\_\_\_

No. Stacked Images \_\_\_\_\_

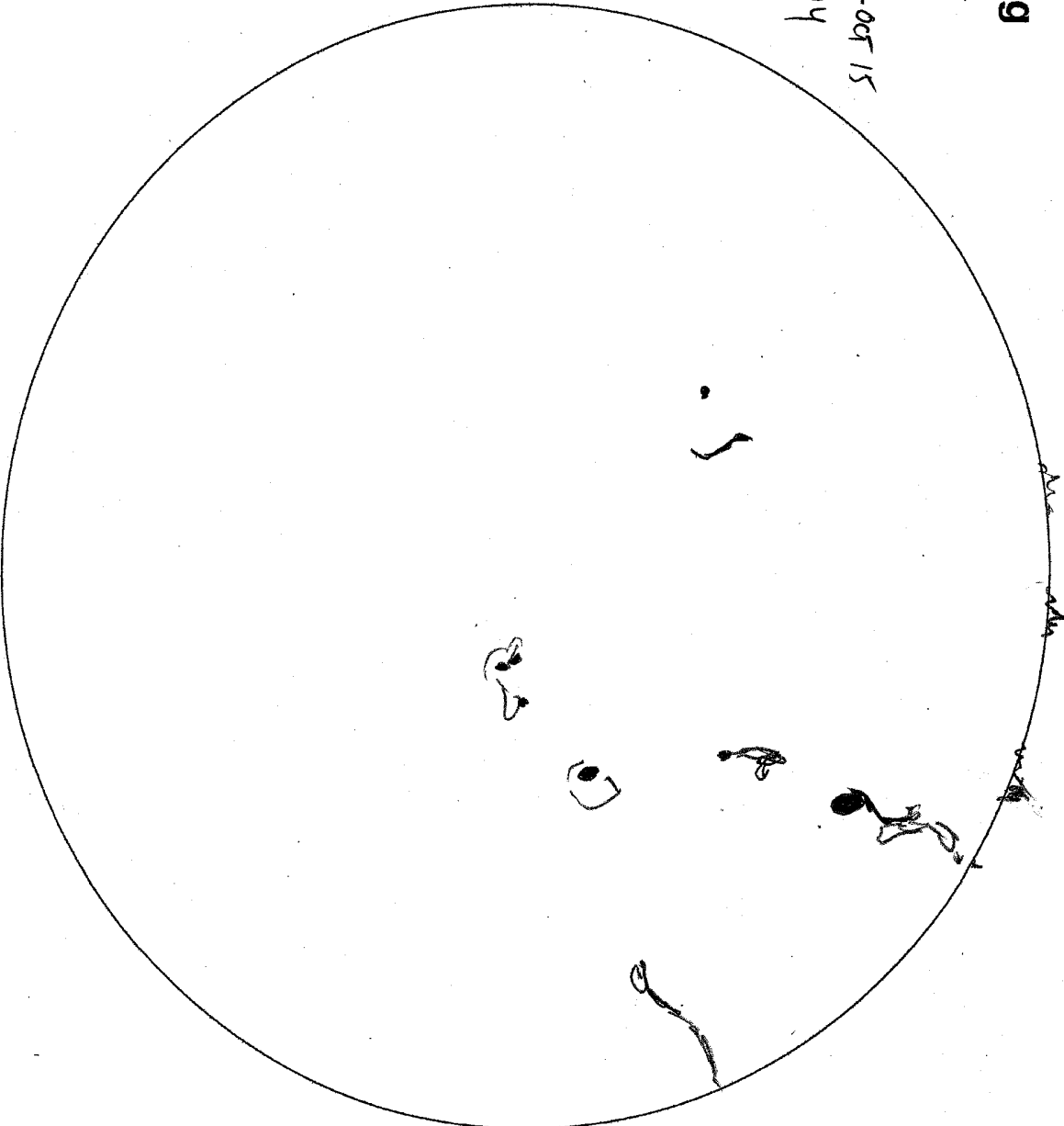
Rotation \_\_\_\_\_

L<sub>0</sub> \_\_\_\_\_

B<sub>0</sub> \_\_\_\_\_

P<sub>0</sub> \_\_\_\_\_

APPARENT  
N



# Whole Solar Disk Drawing

APPARENT  
N

Observer BRAAD YOUNG

Location HTONS <sup>THA</sup> <sub>Prville</sub>

Date/Time <sup>UT</sup> 11/9/14 19:00

Seeing & Transparency 1.2 3 4 5  
1.9 3 4 5

Telescope LUNT LS-35 THA

Aperture/FL 35/400 mm

Eyepiece 9 mm

Magnification 44x

Filter < 0.7 A

Double Stacked? NO

## Imaging Specifications

Camera N/A

Exposure time \_\_\_\_\_

Imaging software \_\_\_\_\_

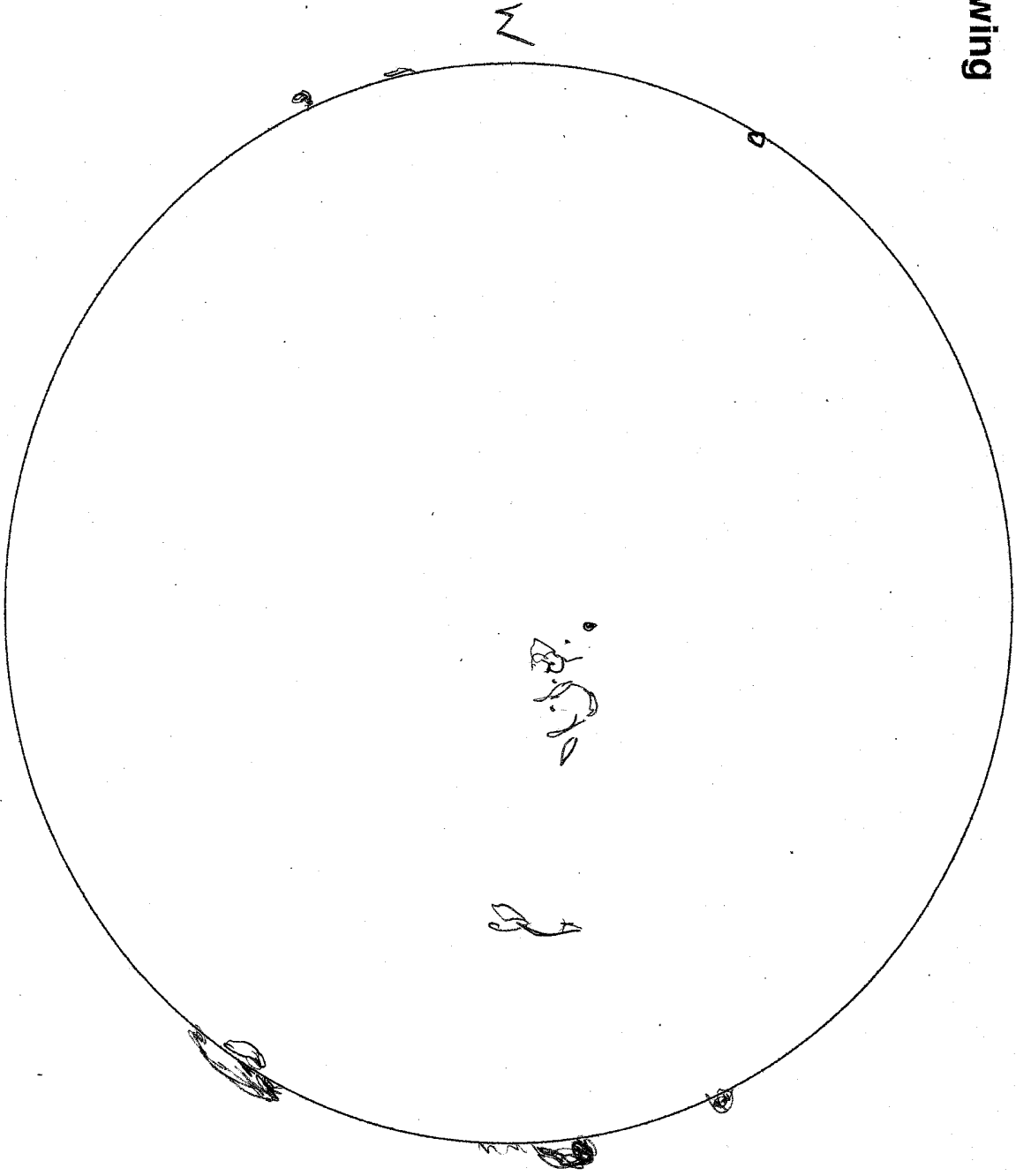
No. Stacked Images \_\_\_\_\_

ROTATION \_\_\_\_\_

L<sub>0</sub> \_\_\_\_\_

B<sub>0</sub> \_\_\_\_\_

P<sub>0</sub> \_\_\_\_\_





# Whole Solar Disk Drawing

APPARENT  
N

Observer BRAAD YOUNG

Location Home <sup>CH</sup> <sub>PR</sub>

Date/Time <sup>UT</sup> 11/2/14 20:00-20:15

Seeing & Transparency 1 @ 3 4 5  
1 2 @ 4 5

Telescope LUNT LS-35 THA

Aperture/FL 35/400 mm

Eyeiece 9 mm

Magnification 44X

Filter < 0.7 A

Double Stacked? NO

## Imaging Specifications

Camera N/A

Exposure time \_\_\_\_\_

Imaging software \_\_\_\_\_

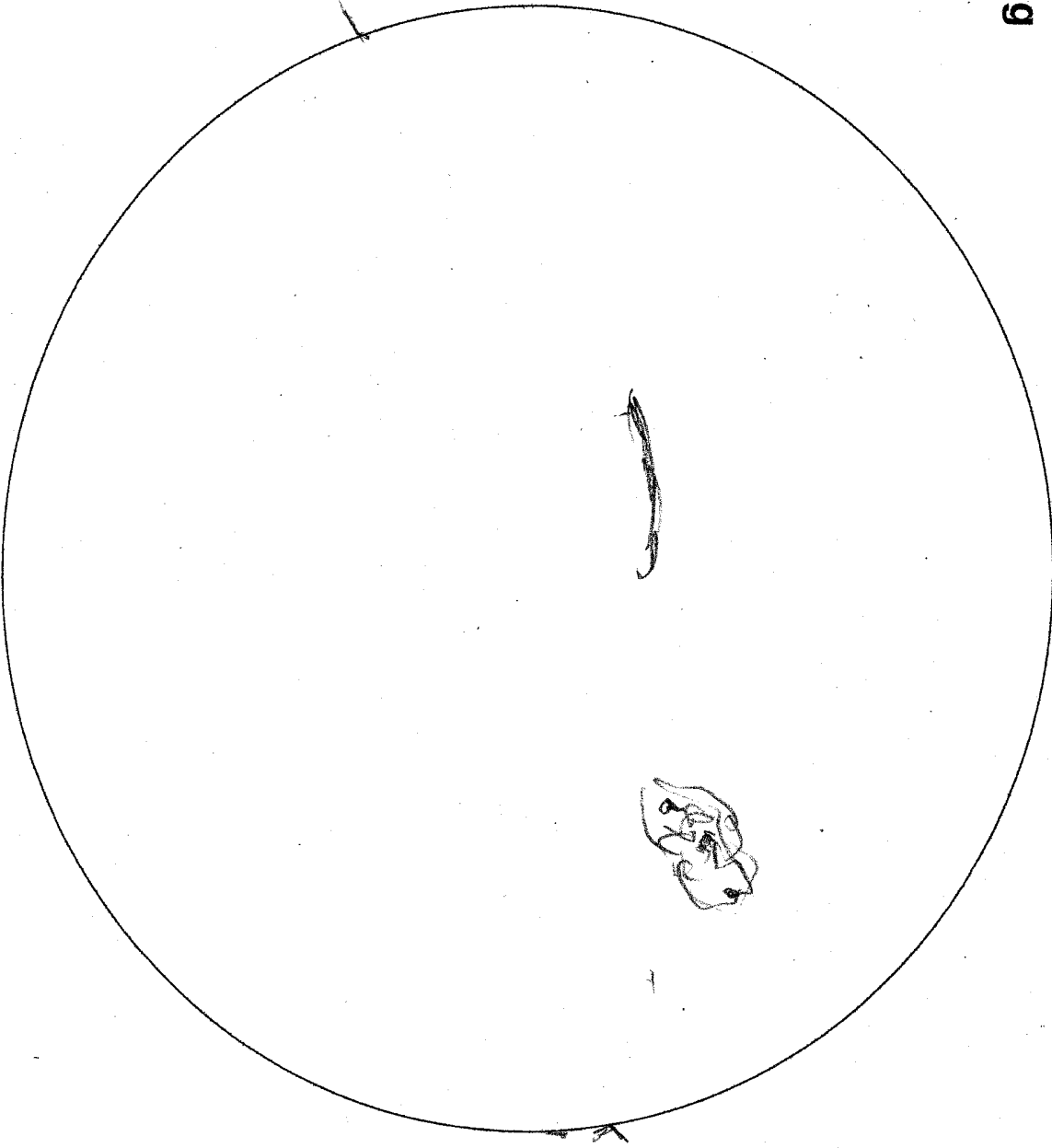
No. Stacked Images \_\_\_\_\_

ROTATION \_\_\_\_\_

L<sub>o</sub> \_\_\_\_\_

B<sub>o</sub> \_\_\_\_\_

P<sub>o</sub> \_\_\_\_\_



# Whole Solar Disk Drawing

APPENDIX  
N

Observer: BRAVO YOUVA

Location: 6000 Smith

Date/Time: 1/19/15 19:45-19:50

Seeing & Transparency: 1.2 4.5

Telescope: LUNT 15-35 THA

Aperture/FI: 35/400 mm

Eyepiece: 9 mm

Magnification: 44X

Filter: < 0.7 A

Double Stacked?: NO

## Imaging Specifications

Camera: V/A

Exposure time: \_\_\_\_\_

Imaging software: \_\_\_\_\_

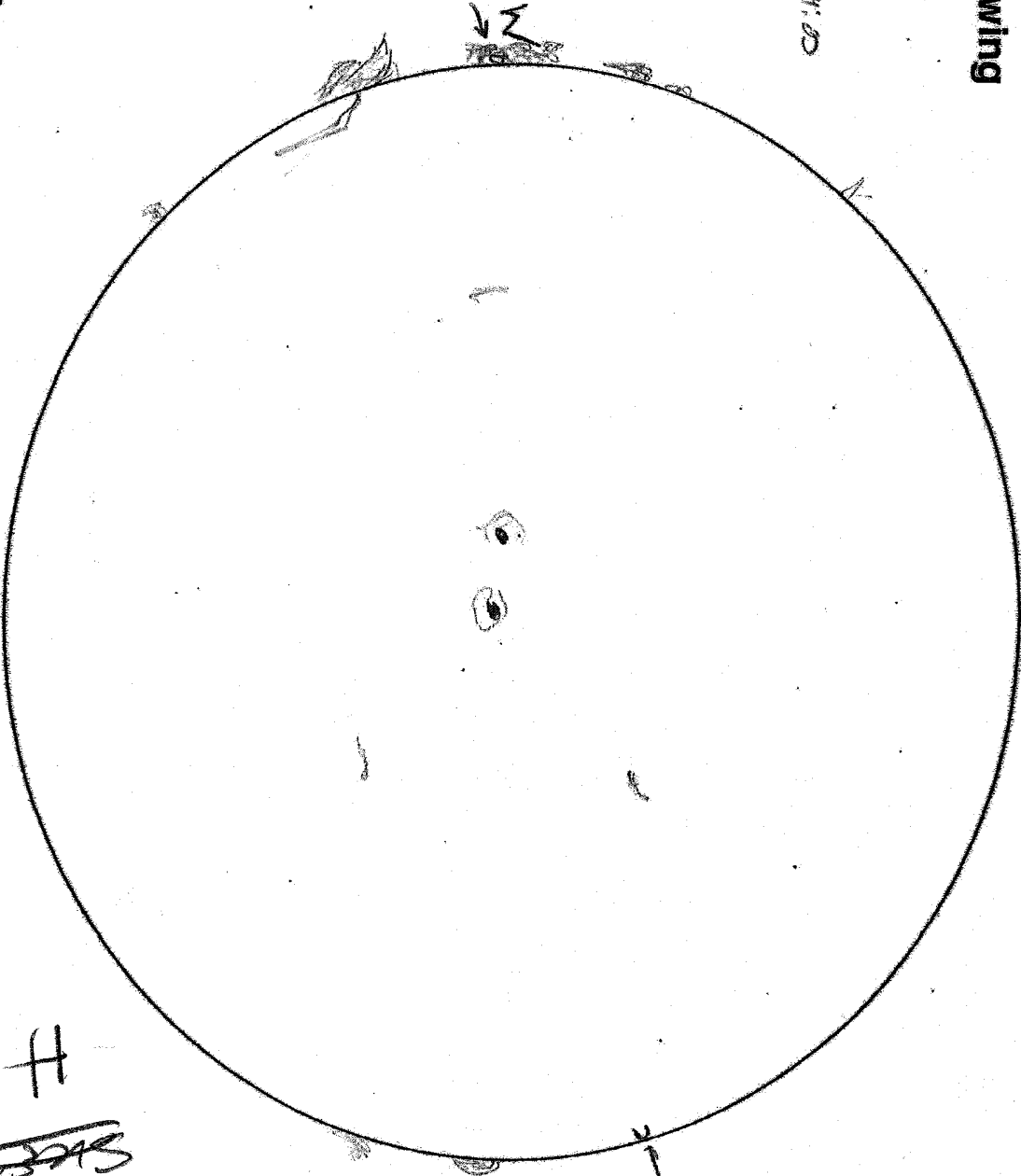
No. Stacked Images: \_\_\_\_\_

Rotation: 2159

L<sub>0</sub>: 172.12

B<sub>0</sub>: -4.92

P<sub>0</sub>: -6.46



H or

~~SECRET~~

#1 x 191737  
0x0+0 → 119261740  
#2 12670 23442

# Whole Solar Disk Drawing

Observer BRAO YOUNG

Location Home <sup>THA</sup> Phru

Date/Time 2/06/15 16:45-17:00

Seeing & Transparency 1 2 3 4 5

Telescope LUNT LS-35 THA

Aperture/FL 35/400 mm

Eye-piece 9 mm

Magnification 44x

Filter < 0.7 A

Double Stacked? NO

## Imaging Specifications

Camera N/A

Exposure time \_\_\_\_\_

Imaging software \_\_\_\_\_

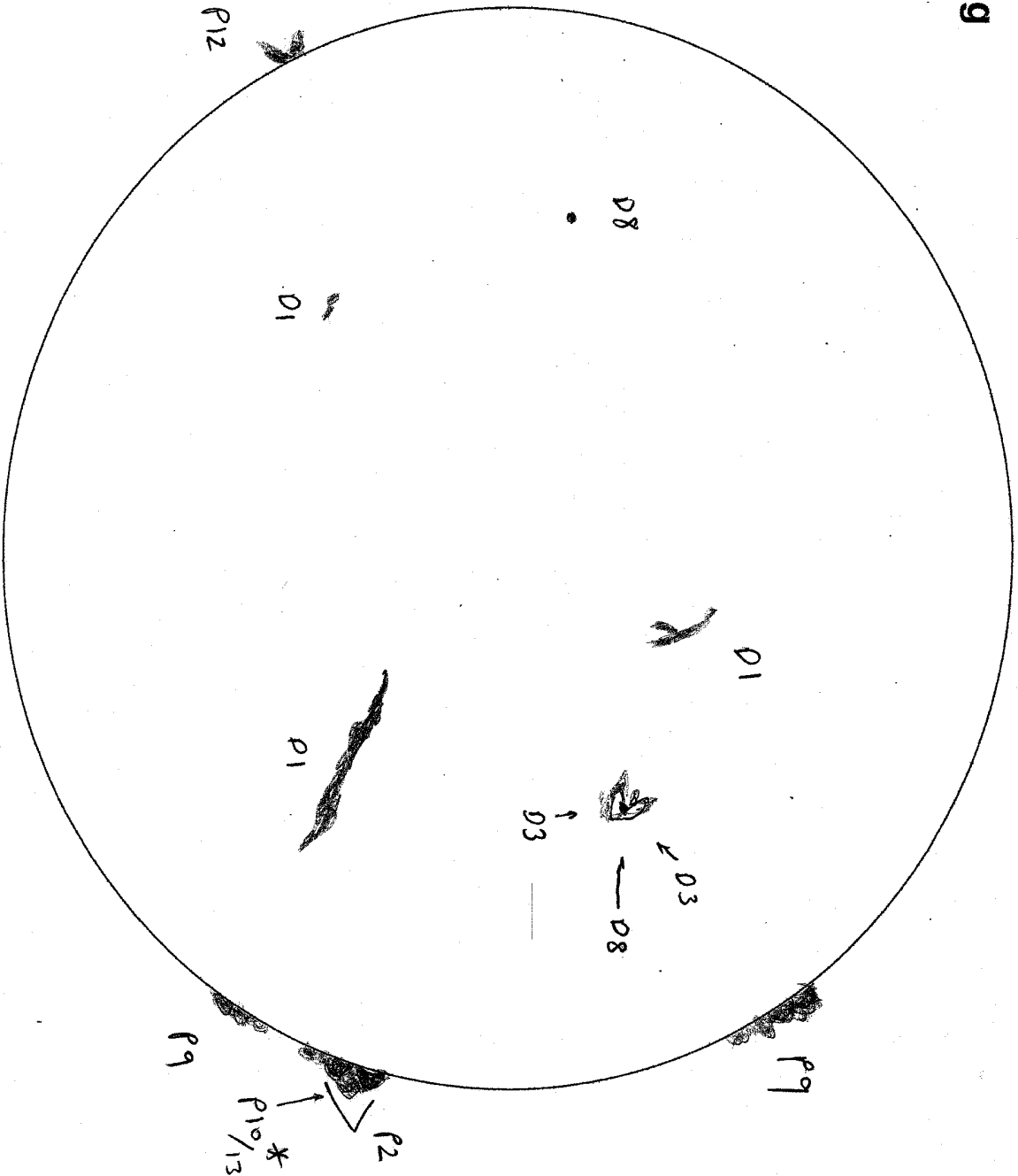
No. Stacked Images \_\_\_\_\_

Rotation 2160

L<sub>0</sub> 294.02

B<sub>0</sub> -6.35

P<sub>0</sub> -14.12



APPARENT  
N

# Whole Solar Disk Drawing

APPARENT  
N

Observer BRAO YOUNG

Location HOME <sup>STL</sup> <sub>PRIVE</sub>

Date/Time <sup>UT</sup> 2/14/15 18:50 - 19:00

Seeing & Transparency 1.2 3.4 5

Telescope LUNT LS-35 T74A

Aperture/FL 35/400 mm

Eyepiece 9 mm

Magnification 44X

Filter < 0.7 A

Double Stacked? NO

## Imaging Specifications

Camera N/A

Exposure time \_\_\_\_\_

Imaging software \_\_\_\_\_

No. Stacked Images \_\_\_\_\_

Rotation 2160

L<sub>0</sub> 189.78

B<sub>0</sub> -6.78

P<sub>0</sub> -17.00

