

SUNSPOT DRAWING

Observer: Mike Hotka

Universal date/time: 4/5/26 18:35

Sky quality: Good

(Excellent, good, fair, poor)

Seeing in arc seconds: 1.5-2

(smallest detail seen where a photospheric granule is 1.5-2 arc seconds)

Location: Broomfield, CO

Telescope effective aperture: 50 mm

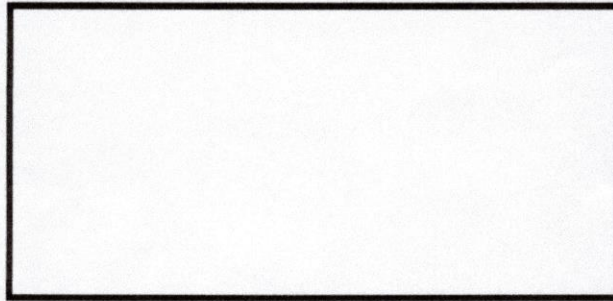
Telescope focal length: 250 mm

Eyepiece focal length: N/A

Magnification: N/A

Filter type: Solar

Three letter McIntosh Sunspot Classification: Eai



Label the following on your sunspot drawing:

- Umbra
- Penumbra
- Facula
- Light bridge (if present)
- Penumbra fibril (if visible)
- Show *approximate* direction of Solar North with an arrow

Answer the Following

-
- Is granulation visible? yes ☒ no ☐
- Is penumbral grain visible? yes ☐ no ☒
- Does drawing show Wilson effect? yes ☐ no ☒

