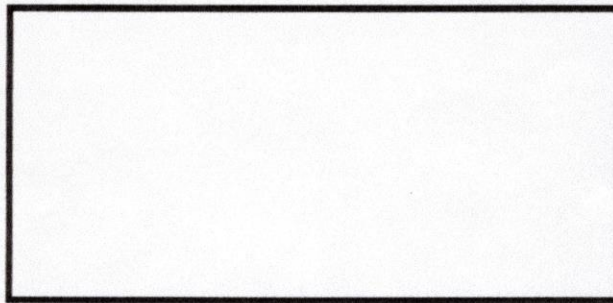


SUNSPOT DRAWING

Observer: Mike Hotka
Universal date/time: 4/20/26 17:42
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: 50mm
Telescope focal length: 250mm
Eyepiece focal length: N/A
Magnification: N/A
Filter type: Solar

Three letter McIntosh Sunspot Classification: Esi



Label the following on your sunspot drawing:

- Umbra
- Penumbra
- Facula
- Light bridge (if present)
- Penumbral 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 ☒

