

SUNSPOT DRAWING

Observer: _____

Universal date/time: _____

Sky quality: _____

(Excellent, good, fair, poor)

Seeing in arc seconds: _____

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

Location: _____

Telescope effective aperture: _____

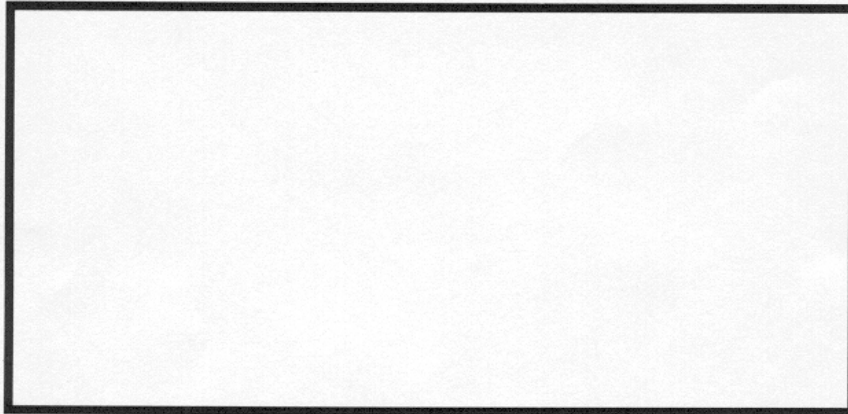
Telescope focal length: _____

Eyepiece focal length: _____

Magnification: _____

Filter type: _____

Three letter McIntosh Sunspot Classification: _____



Label the following on your sunspot drawing:

- Umbra
- Penumbra
- Facula
- Light bridge (if present)
- Penumbrial 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 ___