

SOLAR OBSERVING FORM

N

Observer: _____

Location: _____

Date/Time: _____ UT

Instrument: _____

Magnification: _____

Filters: _____

Comments: _____

Conditions: _____

Mount Wilson Solar Seeing Scale

- ① Solar image looks like a "Circular Saw Blade." Completely out of focus.
Limb motion and resolution greater than 10 arcsec.
Smaller sunspots will not be seen.
- ② Solar image is always fuzzy and out of focus.
No sharp periods. Limb motion and resolution in the 5 to 10 arcsec range.
- ③ Solar image about half the time sharp and half the time fuzzy.
Some short periods where granulation is visible.
Limb motion and resolution in the 3 arcsec range.
- ④ Solar image more often sharp than not. Granulation almost always visible.
Limb motion and resolution in the 1 to 2 arcsec range.
- ⑤ Solar image looks like an "engraving." Extremely sharp and steady.
Limb motion and resolution 1 arcsec or better.

Print scale check 50mm

B ₀
L ₀
P

B₀ = Tilt of the Sun's equatorial plane. L₀ = Longitude of the Sun's central meridian.

P = position angle of the Sun's north pole from cardinal north measured eastwards