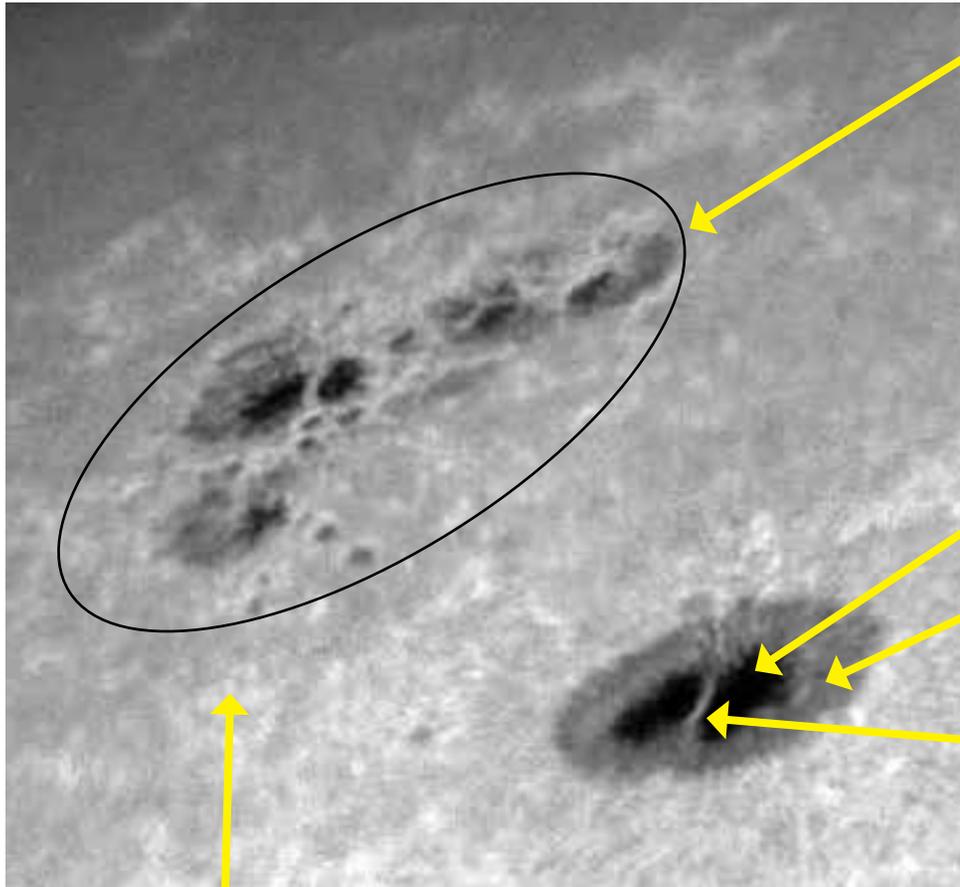


# Features to Look for in Full Spectrum

## “White” Light (Photosphere)



John Stetson

**Plage:** bright networks of moving plasma extending from an active region

**Active Region:** areas where the sun's magnetic field is stronger and more energetic. Sunspots and flares form here.

**Sunspot:** magnetic disturbances in the plasma. Caused by entangled magnetic field lines. Color indicates cooler temperatures, often seen as black.

- **Umbra:** The darker central core of a sunspot.
- **Penumbra's:** The slightly lighter rim around a sunspot's umbra.

**Light Bridge:** dynamic, bright structure of hot plasma moving from the penumbra over or into the umbra. Indicates instability of the magnetic field. Can trigger solar flares.

**Granulation:** convection cells form as hot material rises, cool material descends.