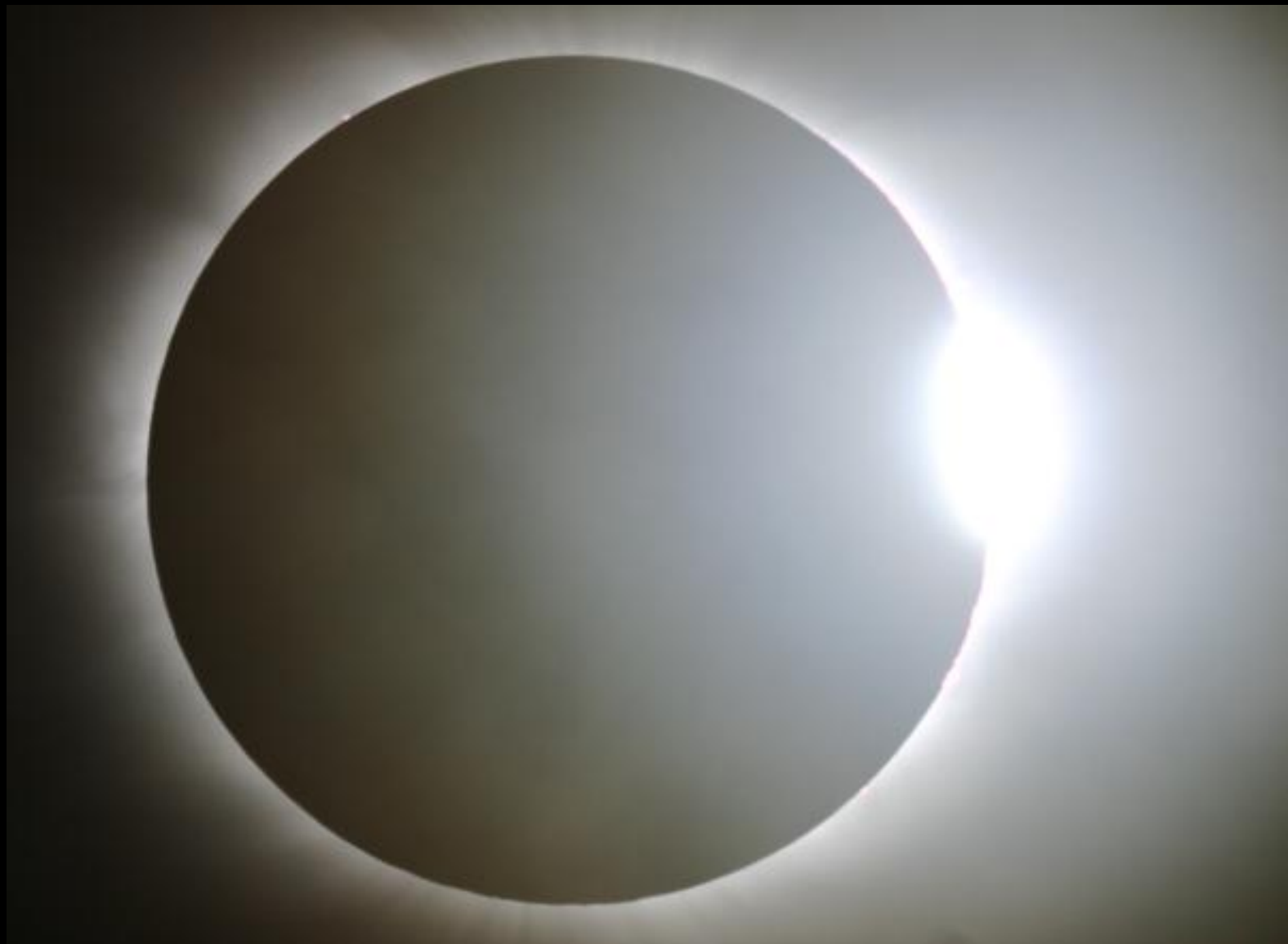
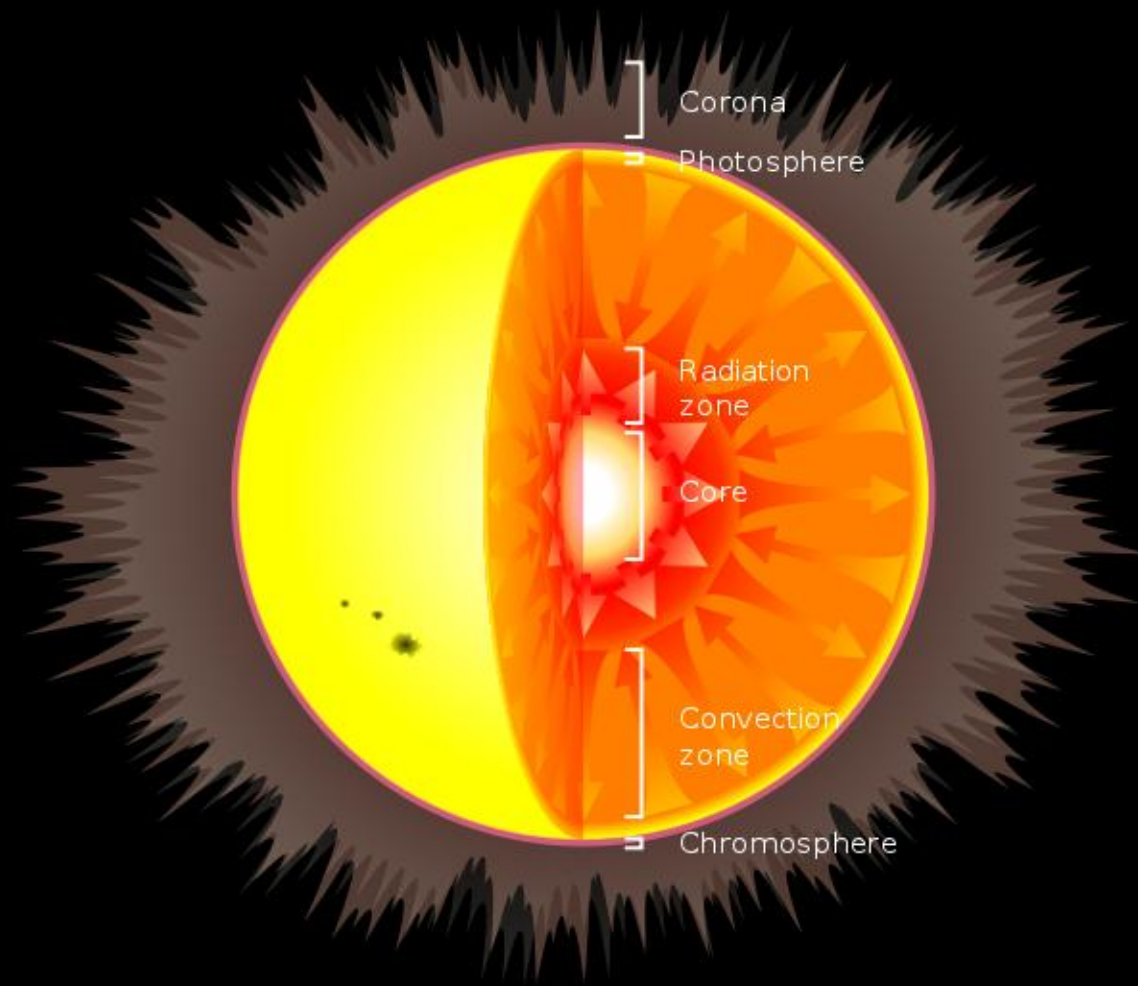


The Sun

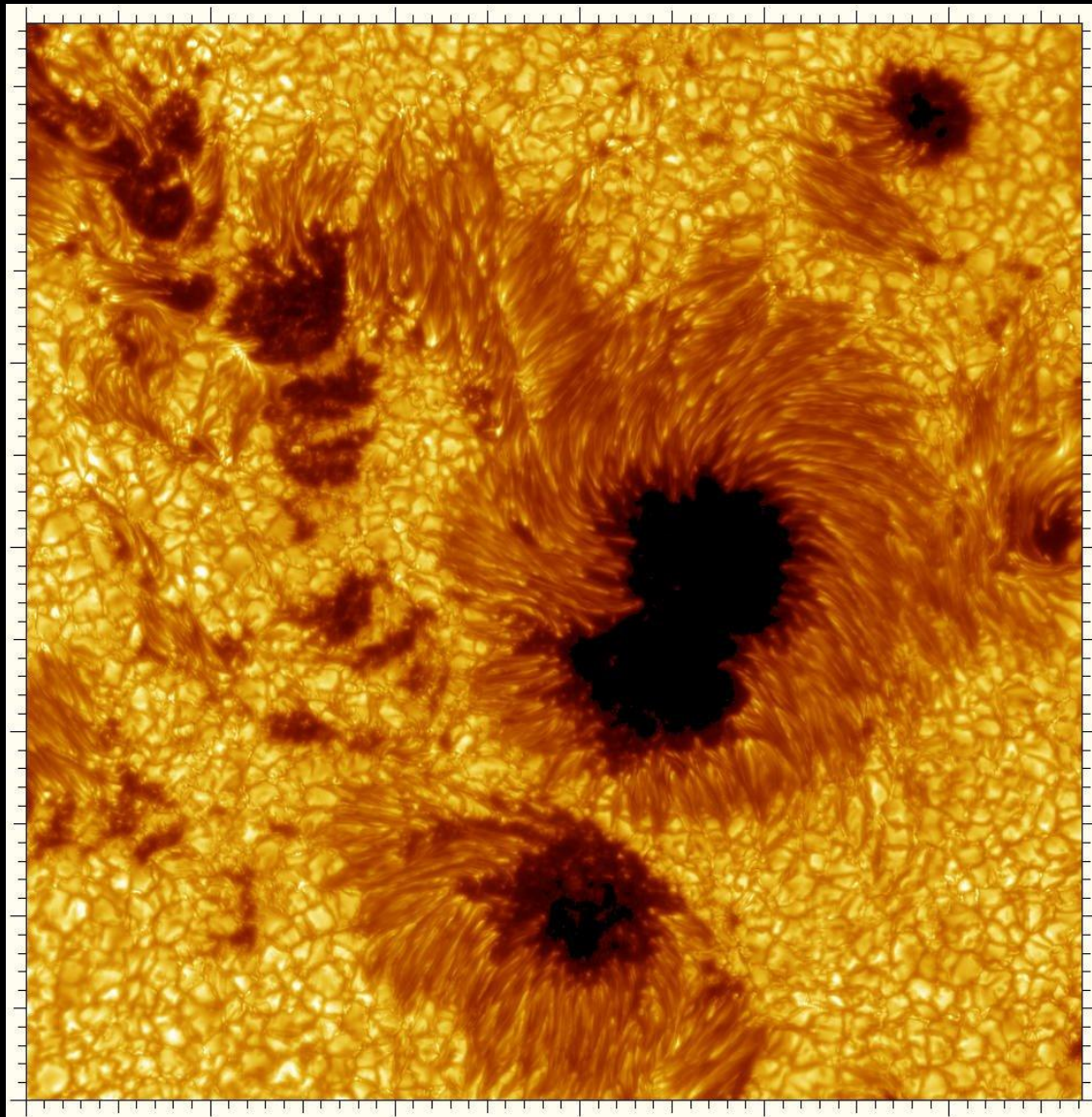




Structure



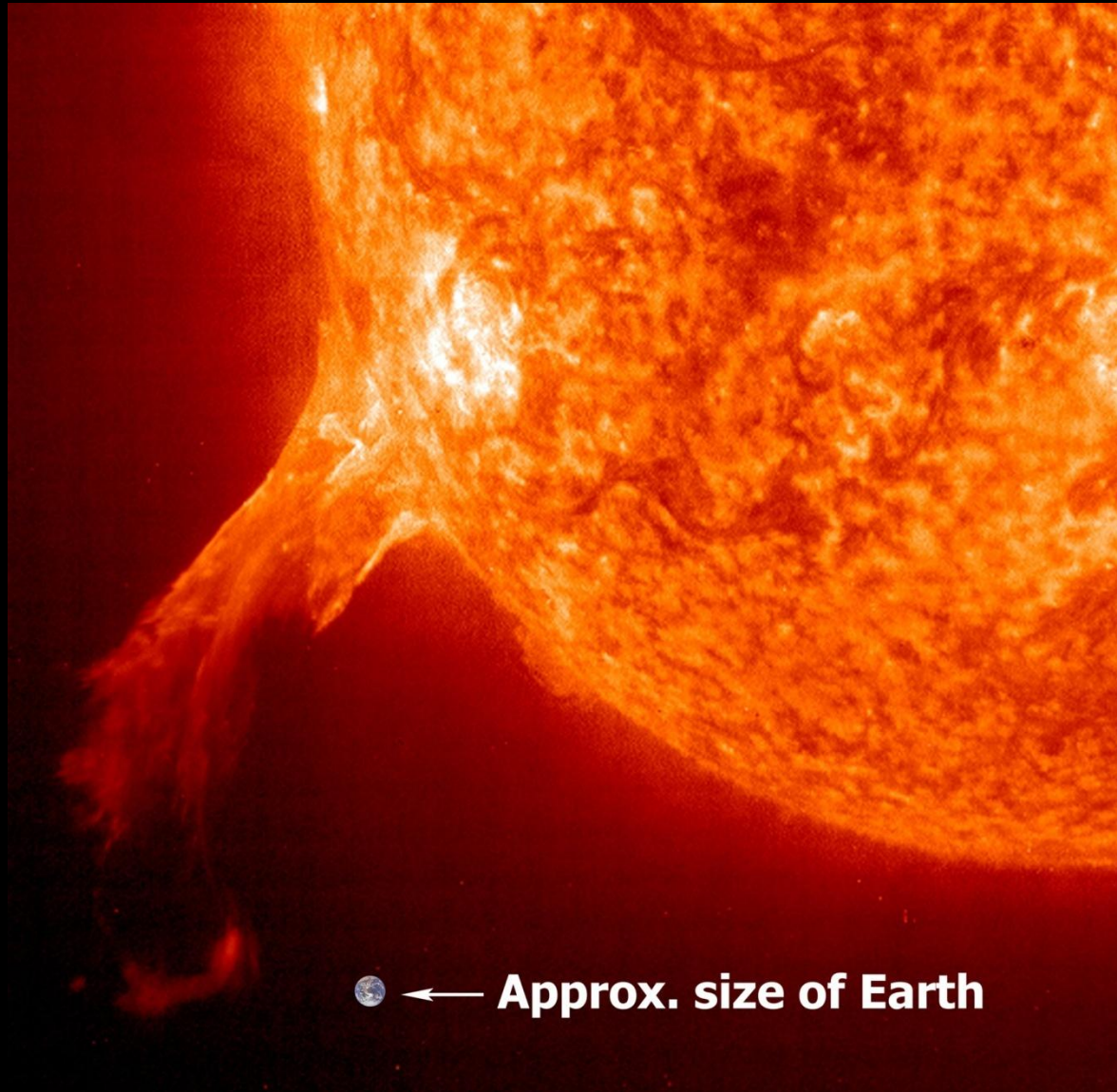
Sunspots



Differential Rotation

- Equatorial regions rotate faster than polar regions
- Occurs because Sun is not a solid body, but gaseous
- Messes with magnetic field lines, which helps dictate solar cycle

Prominences and Flares



Coronal Mass Ejections

- Eruptions of material off the surface of the Sun
- Caused by instability of magnetic fields
- Can disrupt activities here on Earth, such as satellites, radio communications, and power outages