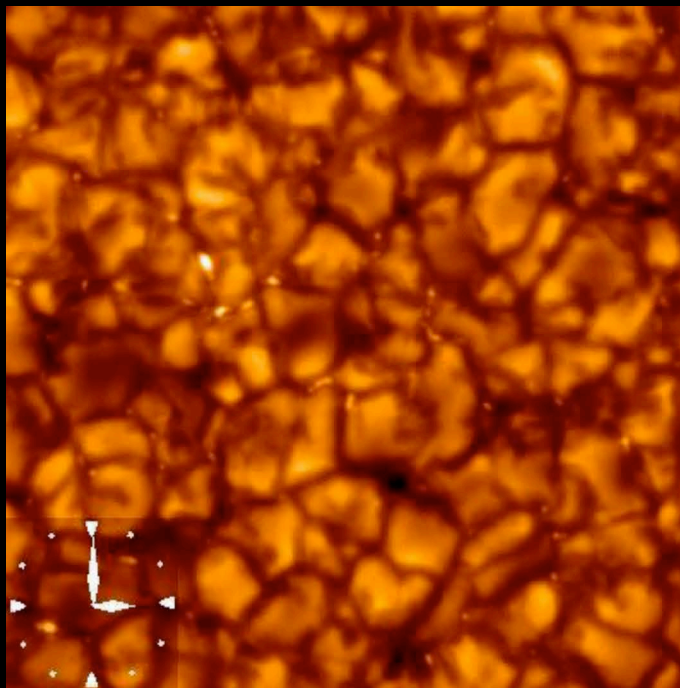
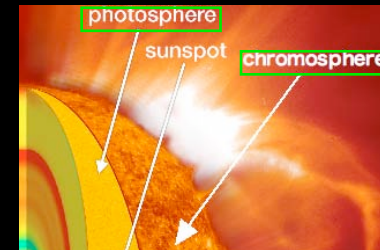
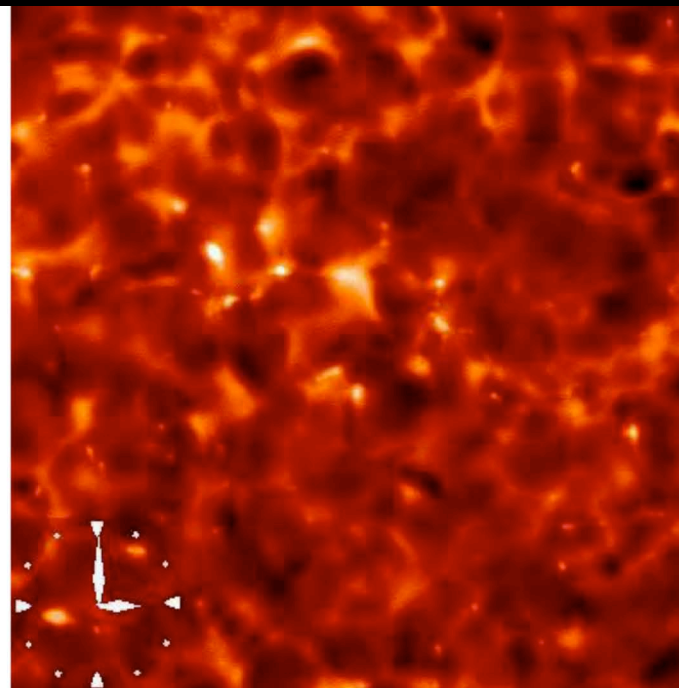


**Granulation:** small-scale surface motion

**Photosphere & Chromosphere**



**Photosphere**

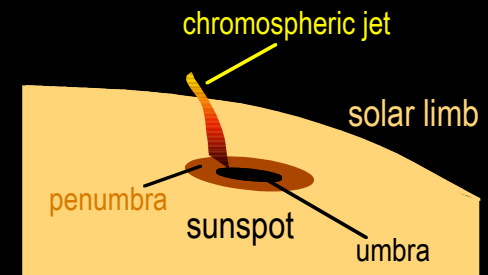
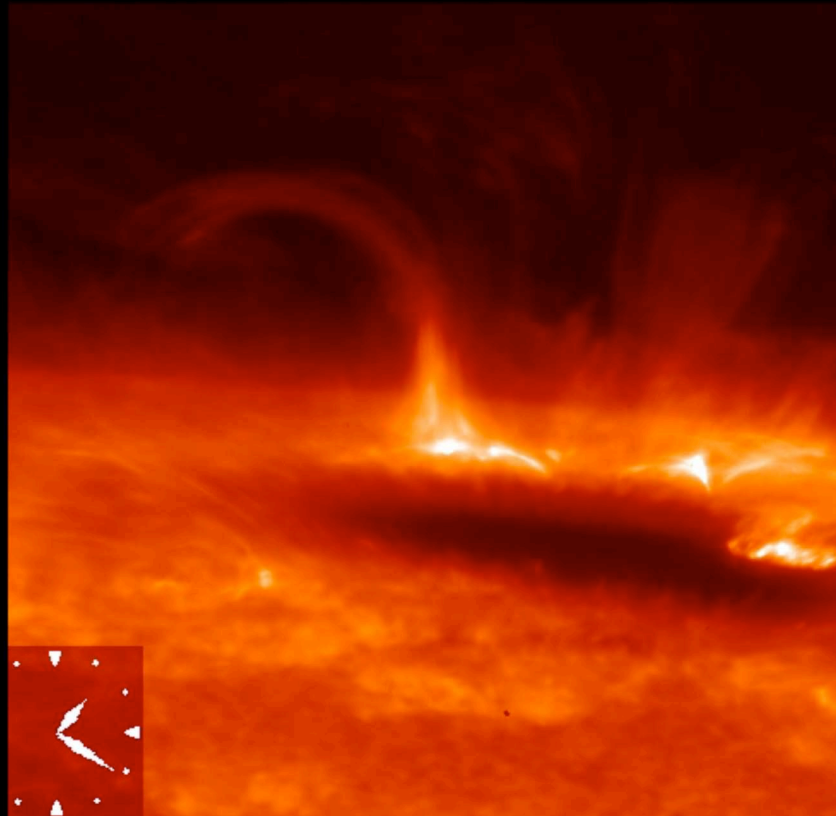


**Chromosphere**

Granulation observed in G-band (left; CH line,  $\lambda = 430 \text{ nm}$ ) and Ca II H line (right;  $\lambda = 396 \text{ nm}$ )

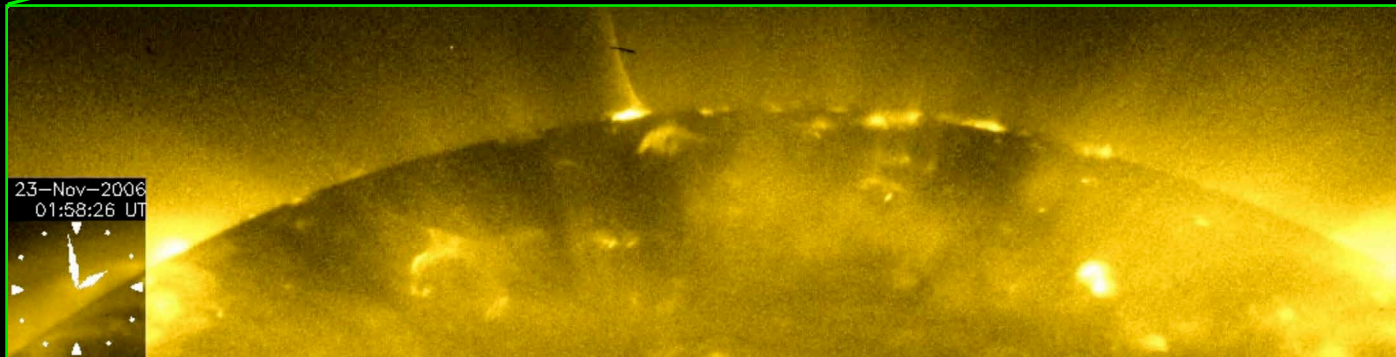
(*Hinode*)

# Chromospheric jet from a sunspot



Sunspot observed in Ca II H line  
(Hinode)

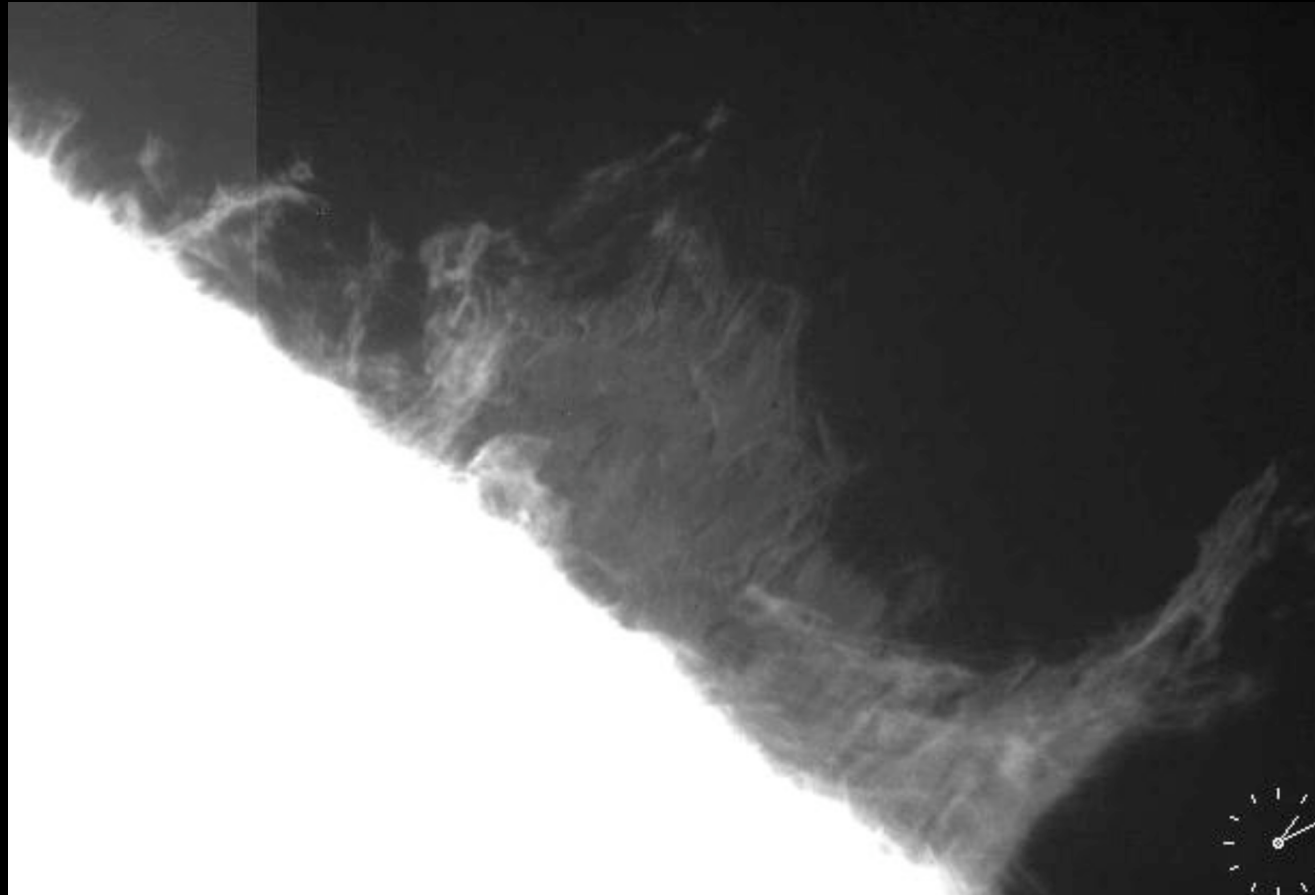
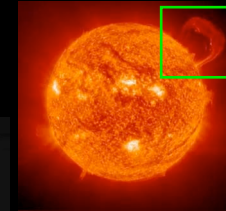
## Coronal jet from a polar region



**Polar region observed in soft X-ray**  
(*Hinode*)

**Prominence/filament:** chromospheric plasma cloud in the solar corona

internal motions (upflow, downflow, circulating flow)



Prominence observed in Ca II H line  
(*Hinode*)