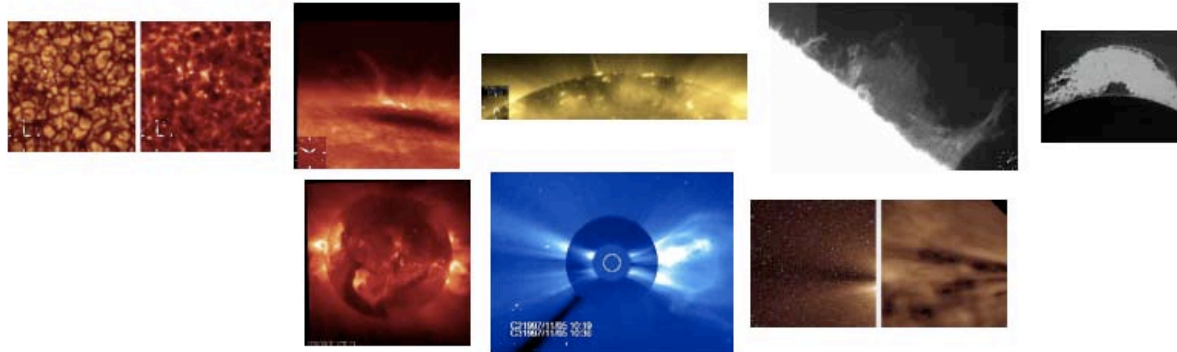




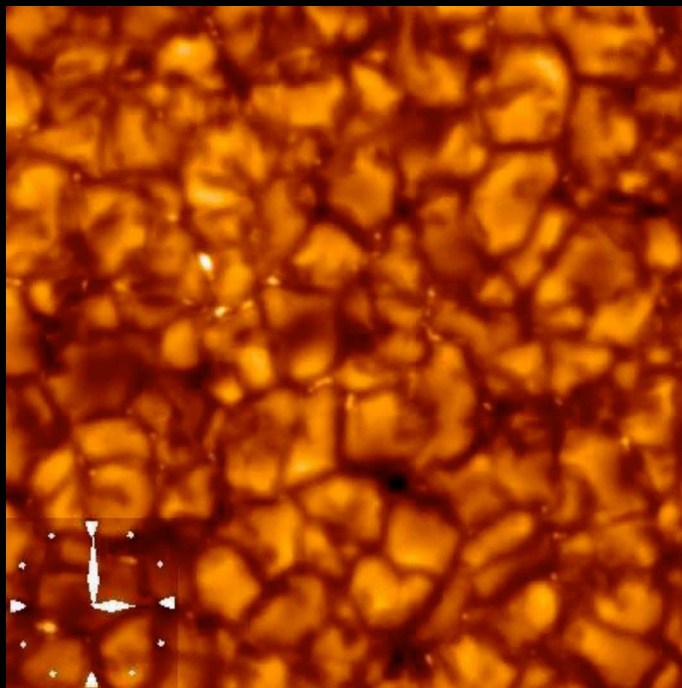
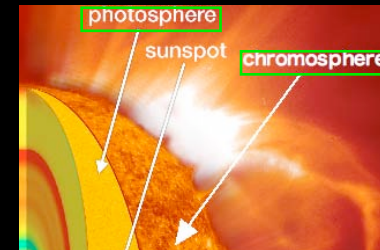
*Although the Sun looks uniform and steady...*

# Dynamic Sun I

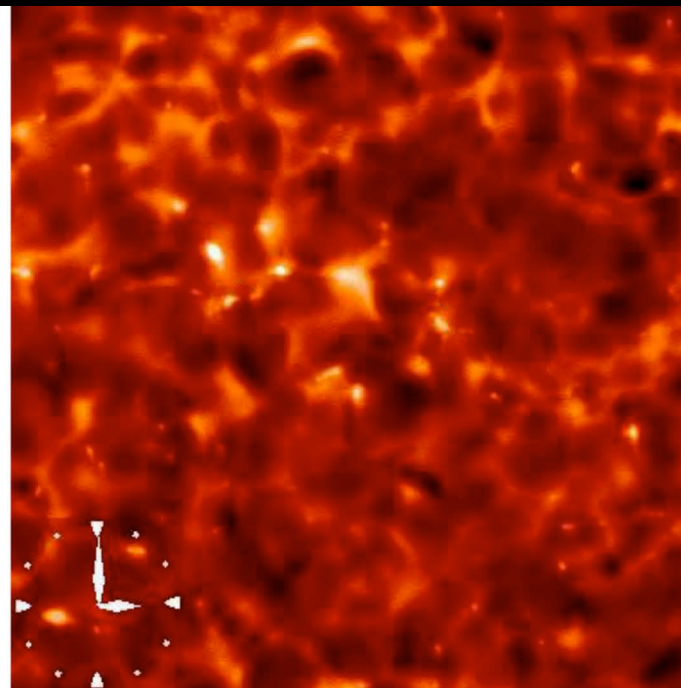
**(short time-scale phenomena: ~ hours)**



***Granulation:*** small-scale motion in a solar surface  
(photosphere & chromosphere)



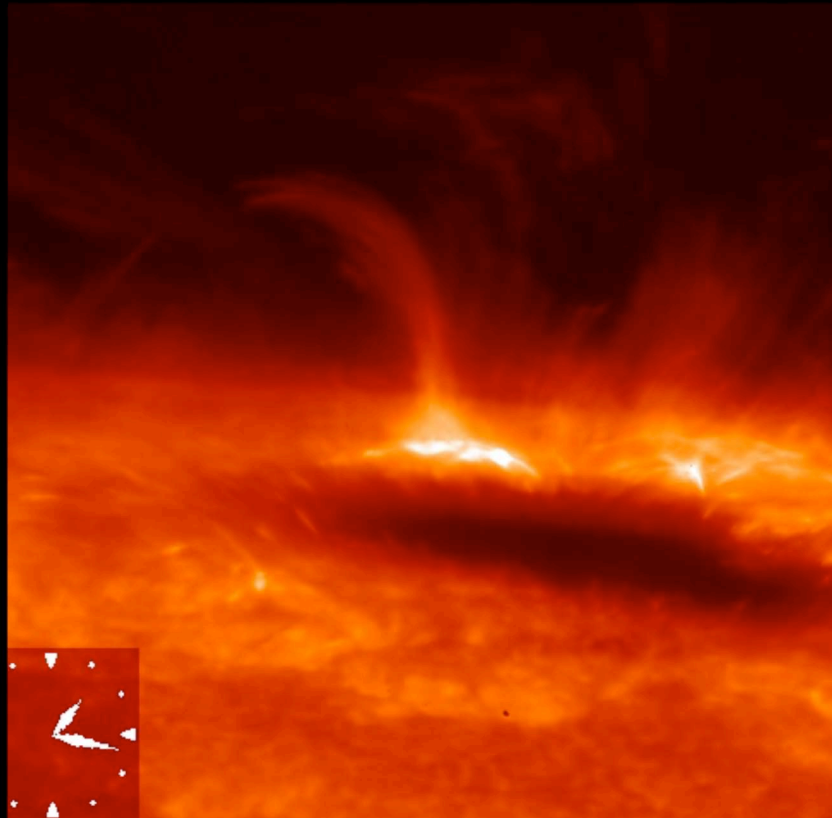
photosphere



low chromosphere

Granulation observed in G-band (left; CH line, 430 nm) and Ca II H (right; 396 nm)  
(Hinode)

## Chromospheric jet at a sunspot



Sunspot observed in Ca II H (396 nm)  
(*Hinode*)

