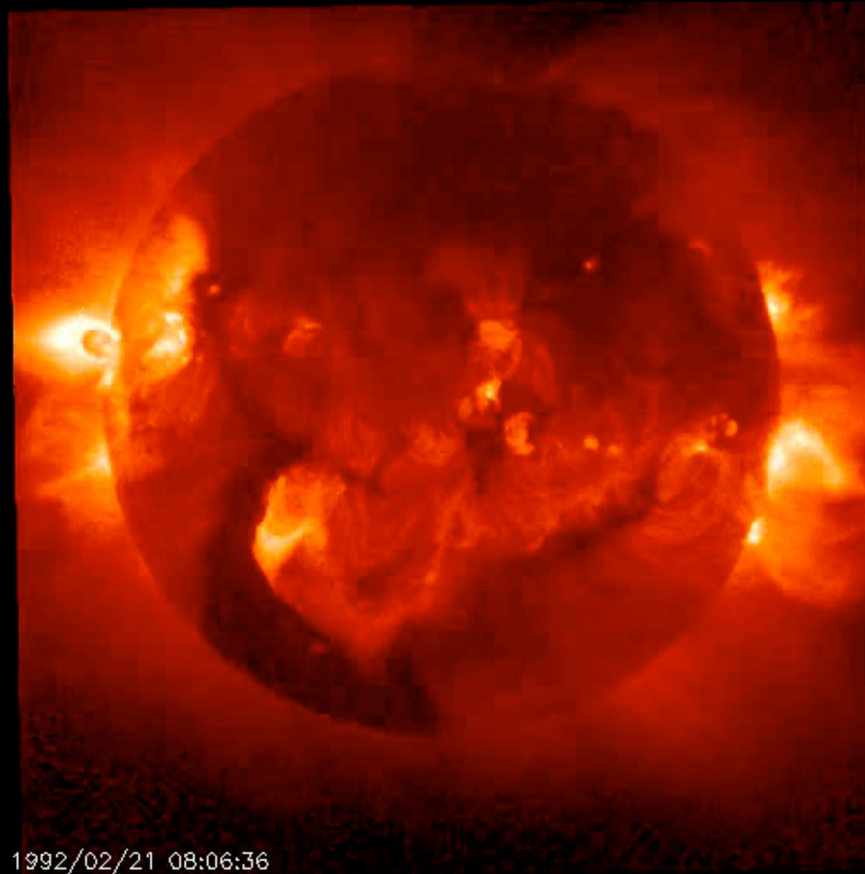


**Solar flare: explosion in the corona**

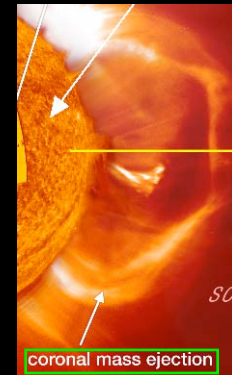
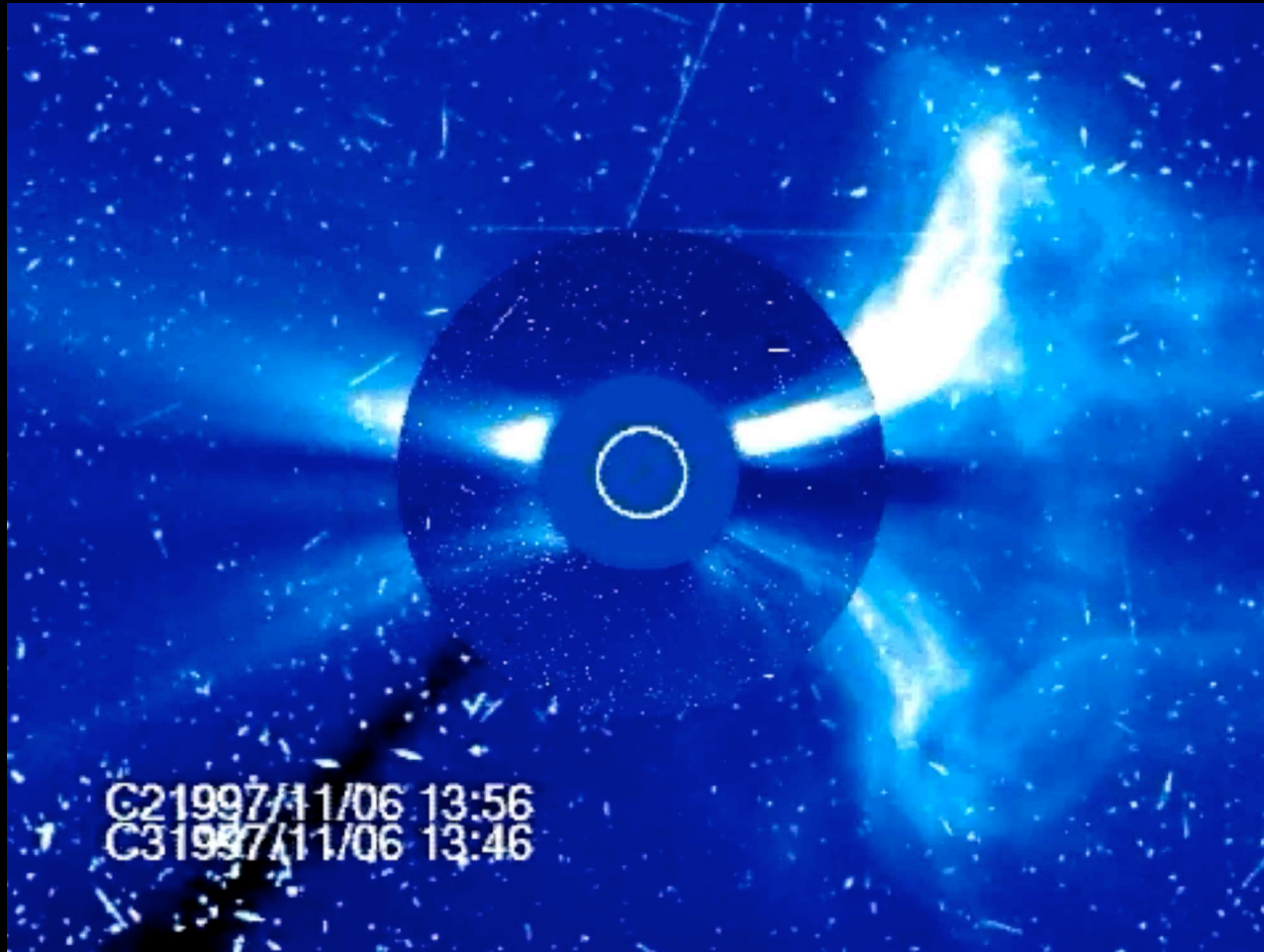


The Sun observed in soft X-ray (0.1 - 10 nm)  
(Yohkoh)



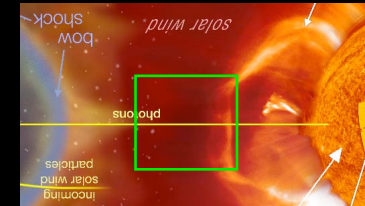
The Sun observed in visible light

**Coronal mass ejection:** global eruption in the corona  
intermittent phenomenon



Observed in white light (SOHO)

**Solar wind:** outflow of a coronal plasma  
continuous phenomenon



Solar wind observed by **STEREO**

Credits  
Animations: NASA Goddard Space Flight Center  
Data: Craig DeForest, SwRI  
Research:  
*Fading Coronal Structure And The Onset Of Turbulence In The Young Solar Wind*  
C. E. DeForest, W. H. Matthaeus, N. M. Viall, and S. R. Cranmer  
The Astrophysical Journal, doi:10.3847/0004-637X/828/2/66