

Sub-daily EUV Irradiance Variations

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Observations from the Extreme Ultraviolet Variability Experiment (EVE) on the Solar Dynamics Observatory (SDO) have shown that the EUV irradiance varies quasi-periodically on timescales of less than a day (on the order of hours). I will show an overview of the observations and discuss the origin of these variations in relation to regions of enhanced EUV emission and non-flaring active regions.