

Overview of the HMI Coronal Observations

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The Heliospheric and Magnetic Imager (HMI) on board SDO, it turns out, can observe flare sources in an annular domain above the limb, ie in the low corona (Martinez Oliveros et al., ApJ, 780, L28, 2014). We have found that we can make effective use of the Stokes polarimetry of these sources (Saint-Hilaire et al., ApJ, 786, 219, 2014). In this presentation we review the morphology of these sources, which are common in major flares that occur near the limb. The most easily interpretable sources in this database can be identified with loop prominence systems (flare loops). We also give an overview of their properties in the context of EUV images from AIA, spectra from EVE, and soft X-ray and microwave observations.