
Evidence for Flux Ropes

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Abstract

Observation with the Atmospheric Imaging Assembly (AIA) on the Solar Dynamics Explorer (SDO) together with data from the Extreme Ultraviolet Imager (EUVI) on STEREO and the Large Angle Spectrometric Coronagraph (LASCO) on Solar Heliospheric Observatory (SOHO) have provided evidence for flux ropes that lie immediately above filaments seen in Helium II 30.4 nm. The flux ropes become detectable when the filaments begin to rise. The rope structures can be later recognized when they appear in LASCO C2 and C3. Movies of these events will be shown.

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