UV/EUV solar spectral imaging data for space weather

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Résumé

The upper solar atmosphere (chromosphere and corona), emitting mainly in the ultraviolet, plays a crucial role as a source of space weather events. It is continuously observed by imagers and spectro-imagers such as those from SoHO, STEREO, and SDO, and their data is of interest for the space weather community. The MEDOC centre at IAS includes such large data sets, and provides added-value products (calibrated synoptic EUV maps, differential emission measure maps...) and tools (FESTIVAL multi- instrument visualization software, an instance of HelioViewer...). We will present these data sets and tools and discuss their potential use for space weather applications.

Mots-Clés: Space instruments, data, derived data products

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