

Geomagnetic storms in the rising phase of solar cycle 24

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Session: SpS6 Science with large solar telescopes

Type of presentation: Oral

In the course of the rising phase of solar cycle 24, few geomagnetic storms of moderate intensity occurred due to coronal mass ejection and solar wind stream impacting Earth's magnetic field. These storms occurred on March, May, August 2011, and March 2012. In this paper, we discuss and analyze the response of the earth atmosphere during these storms.