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Study of CME and Solar Flare parameters and their relations to Forbush decreases during 24 solar cycle.

Tuesday 4 August 2015 16:00 (1 hour)

In the paper we statistically inspect Forbush decreases, CMEs, Solar Flares and geomagnetic variations during the solar cycle 24 and compare them with earlier cycles and discuss Sun-Earth system response to extreme solar events and space weather. Data from different spacecrafts, GOES X-ray and LASCO coronagraph images were used together with neutron monitor network recordings. The observed galactic cosmic ray modulation is modest compared to previous cycles.

Collaboration

– not specified –

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