

Abstract Submitted
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Study of Geoeffective ICMEs and Magnetic Clouds¹ SIMRANJIT KAUR, Weber State University — Highly variable conditions prevail in the geospace environment due to variations in solar activity. The geosphere is highly affected by the solar eruptions which are responsible for some large and small geomagnetic storms. I statistically study the role interplanetary coronal mass ejections (ICMEs) and magnetic clouds (MCs) play in determining the nature and strength of the geomagnetic storms and the modulation of cosmic ray intensity observed during 1996-2009.

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