

## On slow ICMEs

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Even slow ICMEs cause geomagnetic storms if they carry strong southwards IMF with them. These events are a problem for space weather forecast because solar sources of these ICMEs are often ambiguous and it is difficult to estimate their effect. Speed of ICME associated with the geomagnetic storm on January 17, 2013 was almost the same speed of back ground solar wind and definite solar-disk signature associated with this ICME was not observed by the extreme ultraviolet images of the SDO satellite. However, CME associated with this event was observed by the STEREO spacecraft. The analysis of this event and similar events will be reported in our presentation.

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