Geophysical Research Abstracts, Vol. 10, EGU2008-A-11723, 2008 SRef-ID: 1607-7962/gra/EGU2008-A-11723 EGU General Assembly 2008 © Author(s) 2008



Multipoint Imaging of a Corotating Interaction Region Impacting the Earth from STEREO/SECCHI.

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We investigate the first simultaneous remote sensing observations of a CIR impacting the Earth. The event was observed by both the HI2 instrument on both SECCHI suites aboard the STEREO mission on Dec 16-17, 2007. The CIR was first imaged going over the STEREO-B spacecraft and was then followed in the HI2 images as it impacted the Earth a day later. We use the simultaneous SECCHI observations to analyze the size, speed and evolution of the CIR in 3D space. An initial analysis of the in-situ observations from STEREO-B and ACE will also be presented.