

***Examining the mid winter severe weather outbreak of 7 January 2008 using satellite data with McIDAS-V***

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On 7 January 2008 a strong mid latitude cyclone swept across the midwest United States producing an outbreak of severe weather that resulted in 48 tornadoes spanning an area from southeast Wisconsin through Eastern Oklahoma. There were two tornadoes in southeast Wisconsin, an EF1 and an EF3 which damaged or destroyed 105 homes and injured 15 people. There had previously been only 1 tornado reported in Wisconsin's history in the month of January (150+ years). This poster will review this very unusual severe weather event, and apply various satellite imager and sounder products, some which are available to forecasters in real time, to help identify key features of the event.

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**ATOVS**  
WORKING GROUP

*Proceedings of the  
Sixteenth International  
TOVS Study Conference*

Angra dos Reis, Brazil

7-13 May 2008

Sharing ideas, plans and  
techniques to study  
the earth's weather and climate  
using space-based observations

