

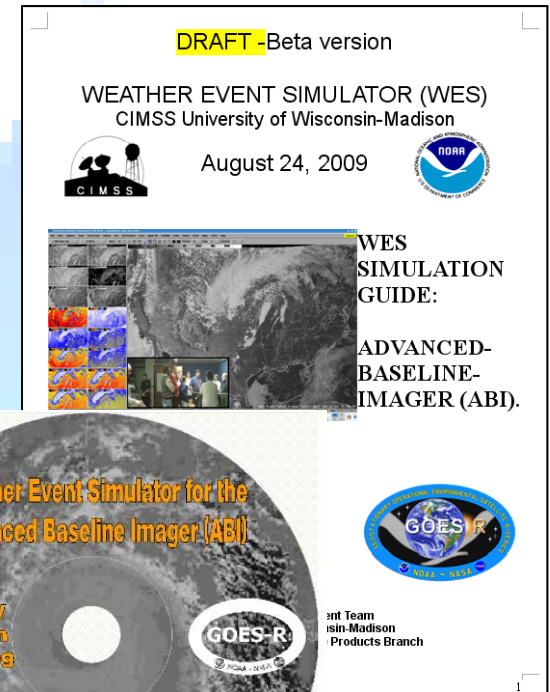


17th AMS Conference on Satellite Meteorology & GOES-R/NPOESS Symposium:

Poster - A Weather Event Simulator (WES) for the GOES-R Advanced Baseline Imager (ABI)

Timothy J. Schmit, Kaba Bah, Jordan Gerth, Marcia Crounce,
Jason Otkin, Justin Sieglaff, Gary Wade

- Leveraging existing simulated AWG Proxy data to showcase the abilities of ABI for use by forecasters.
- The ABI spectral bands have been added to a NWS Weather Event Simulator (a version of the real-time, operational AWIPS forecasters use but with a historical case study).



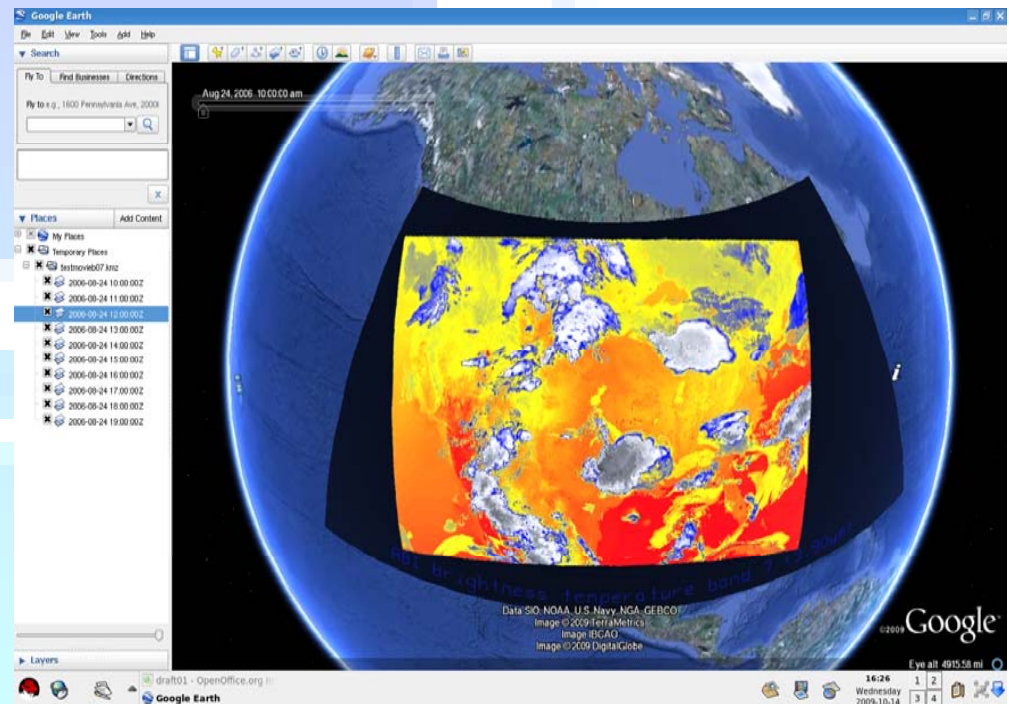
Beta release of the ABI WES cast study



17th AMS Conference on Satellite Meteorology & GOES-R/NPOESS Symposium: **Oral - The ABI on GOES-R**

Timothy J. Schmit, James J. Gurka, Mathew M. Gunshor, Kaba Bah

- The ABI will improve upon the current GOES Imager with more spectral bands (3x), faster imaging (5x), higher spatial resolutions (4x), better navigation and registration, and more accurate calibration.



Simulated ABI data as shown in google earth