

Near-Real-Time validation of simulated GOES-R ABI radiances and derived products, using the WRF-Chem model forecast over CONUS for all 16 ABI bands

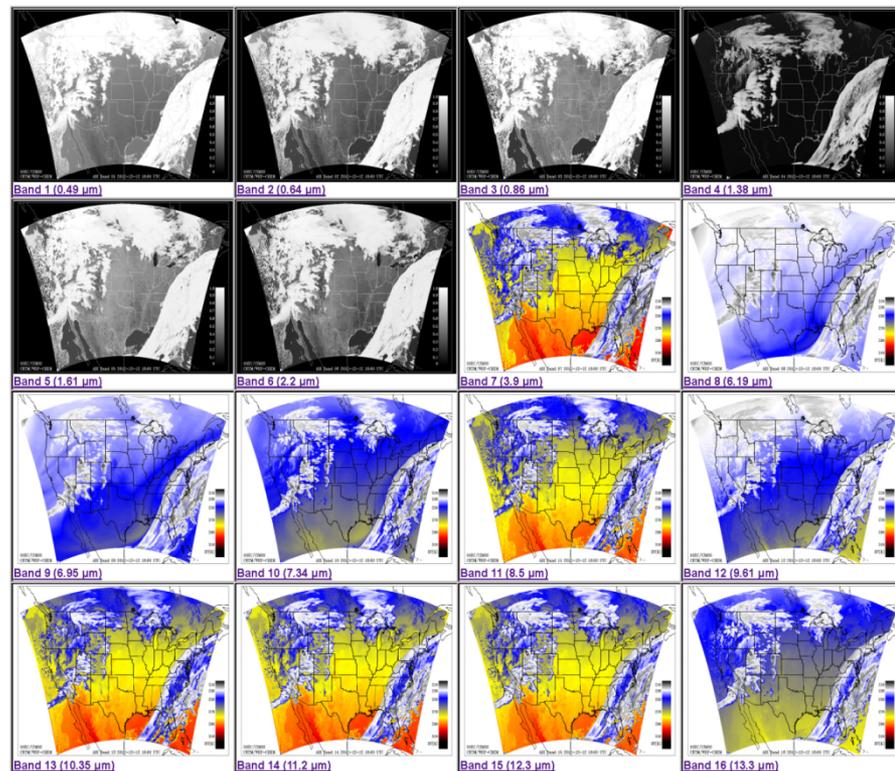
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- This poster summarizes our efforts to provide and validate near-real-time proxy data for all 16 ABI bands.

- We are supporting GOES-R PG activities through development of a WRF-CHEM/CRTM based framework for generation of real-time proxy radiances for all 16 GOES-R ABI bands.
- The hourly simulated radiances are delivered daily to AIT in ABI Fixed Grid Format, compatible with the GOES-R Re-Broadcast Level 1b data.
- We have developed a near-real-time validation system for verification of model simulated ABI radiances and simulated derived products using GOES sounder data.
- The simulated ABI derived products are generated using the GEOCAT framework and distributed in HDF format



Simulated ABI (Advanced Baseline Imager) data

