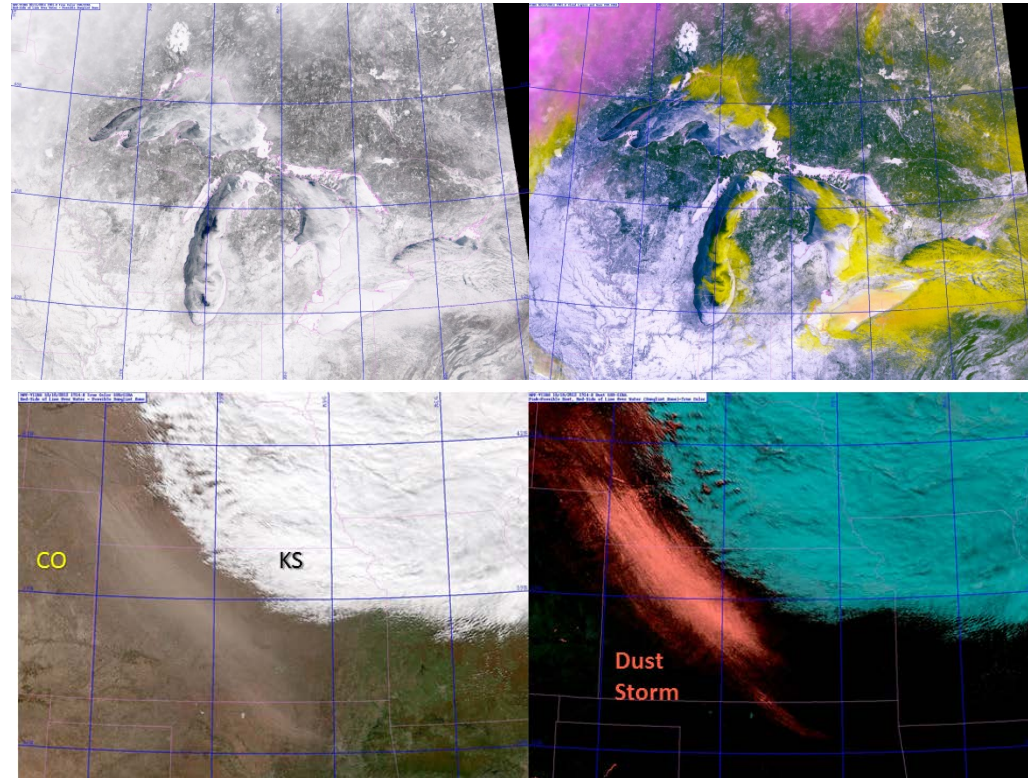




GOES-R ABI Multi-Spectral Imagery for Visibility Hazard Assessment via Himawari AHI



- Value-added satellite imagery provides forecasters with a means to rapidly analyzing complex scenes while taking full advantage of multi-spectral info.
- The Advanced Himawari Imager (AHI) will offer an early view of GOES-R ABI imaging capabilities.
- Visibility hazards related to lofted dust, clouds, and snow cover (nocturnal fog) pose a considerable challenge to NWP.
- Develop MODIS/VIIRS dust and snow algorithms based on AHI bands.
- Demonstrate performance and prepare user training materials.
- Rapidly transfer these AHI-adapted algorithms to GOES-R ABI.



Examples of multi-spectral value-added imagery for snow/cloud (upper) and dust (lower) discrimination.

'First-Light' Availability of ABI Enhanced Imagery for Discrimination of Key Visibility Hazards

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