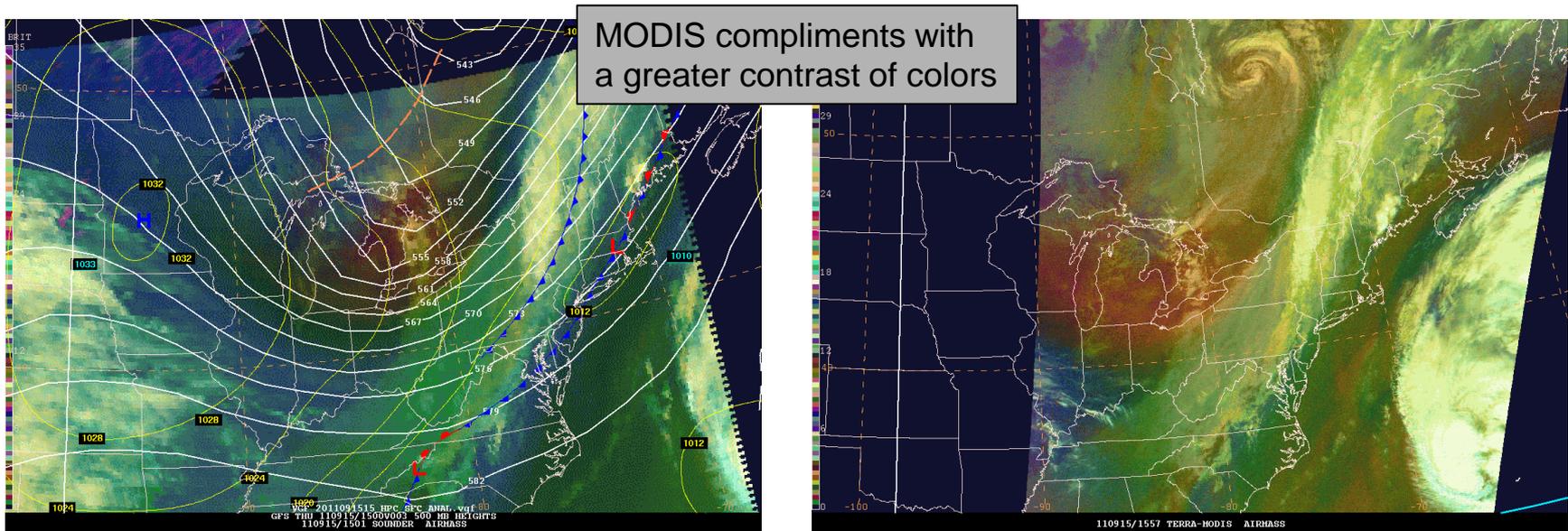


NASA/SPoRT GOES-R PG update

1. Transition and Use of RGB Imagery
2. UAH CI Evaluation at WFOs
3. PG Related Presentations at NWA/GUC
4. QPE
5. Pseudo-GLM / AWIPS II

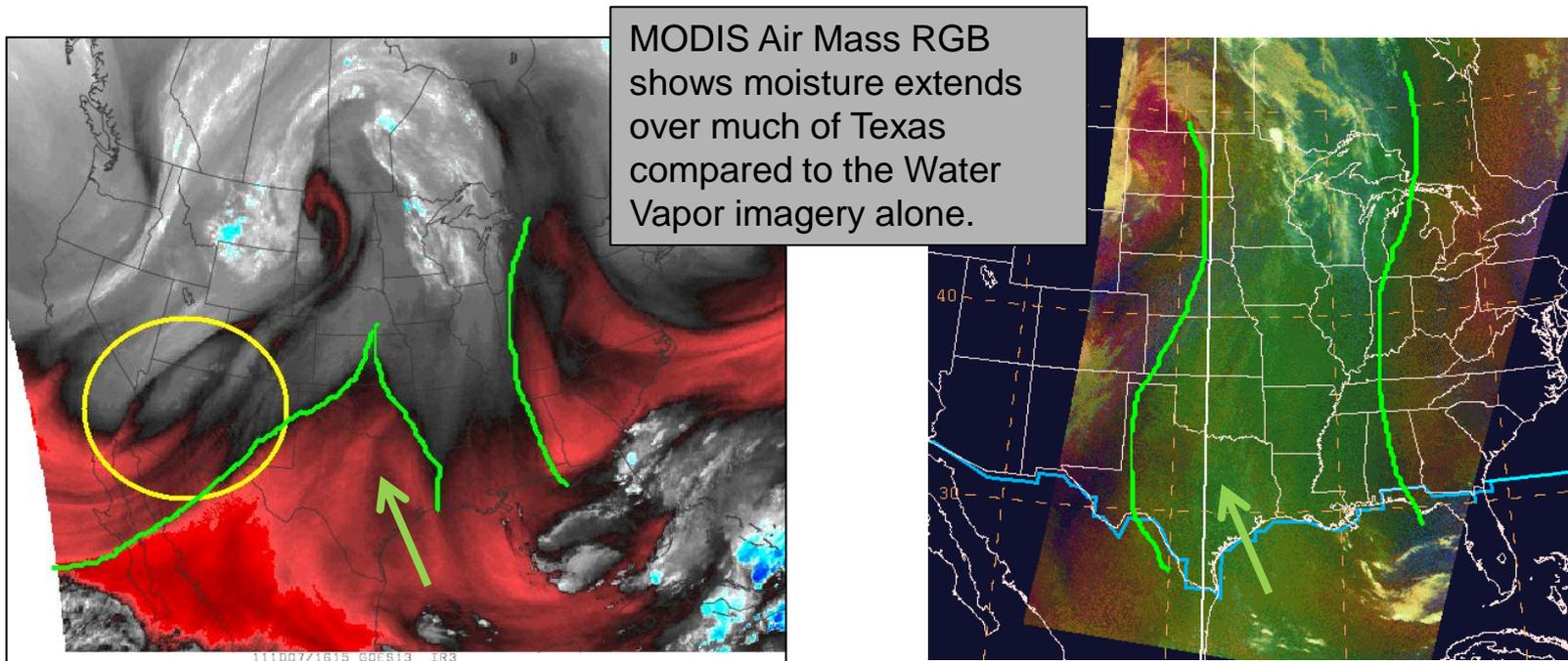
Transition and Use of RGB Imagery

- SPoRT is producing RGBs for variety of end users
 - SEVIRI (6), MODIS (3), and GOES Sounder (1) RGB imagery
 - now available in NAWIPS, AWIPS, and AWIPS II
 - distributed via ftp and LDM
- National Center Applications
 - NHC application to Irene, Lee, and Katia (see Folmer PPT)
 - GOES-Sounder RGB Airmass captures strong front (9/16)
<http://nasasport.wordpress.com/2011/09/16/goes-sounder-rgb-airmass-captures-strong-front/>
(Folmer)



RGB Imagery Applications

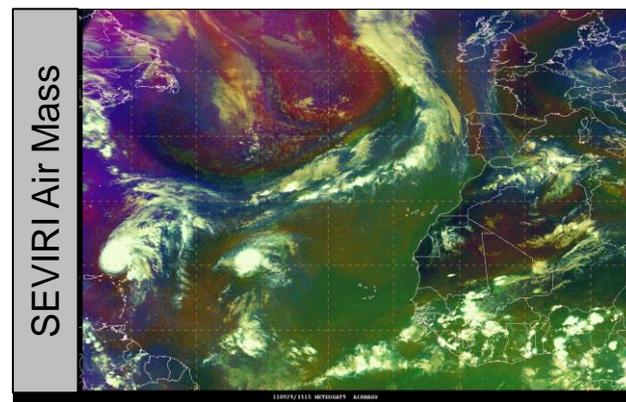
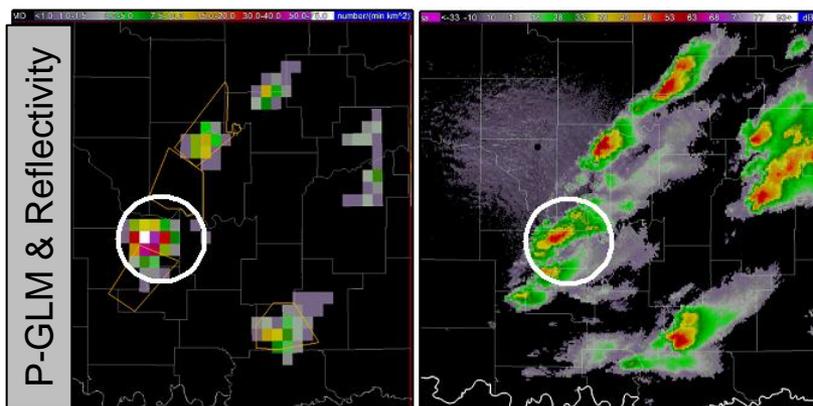
- Another Valuable Use of the RGB Airmass Product – WAA Identification and Comparison to Model (10/13)
 - <http://nasasport.wordpress.com/2011/10/13/another-valuable-use-of-the-rgb-airmass-product/> (by Folmer)



November 7, 2011 – Conference Call

Presentations related to GOES-R PG

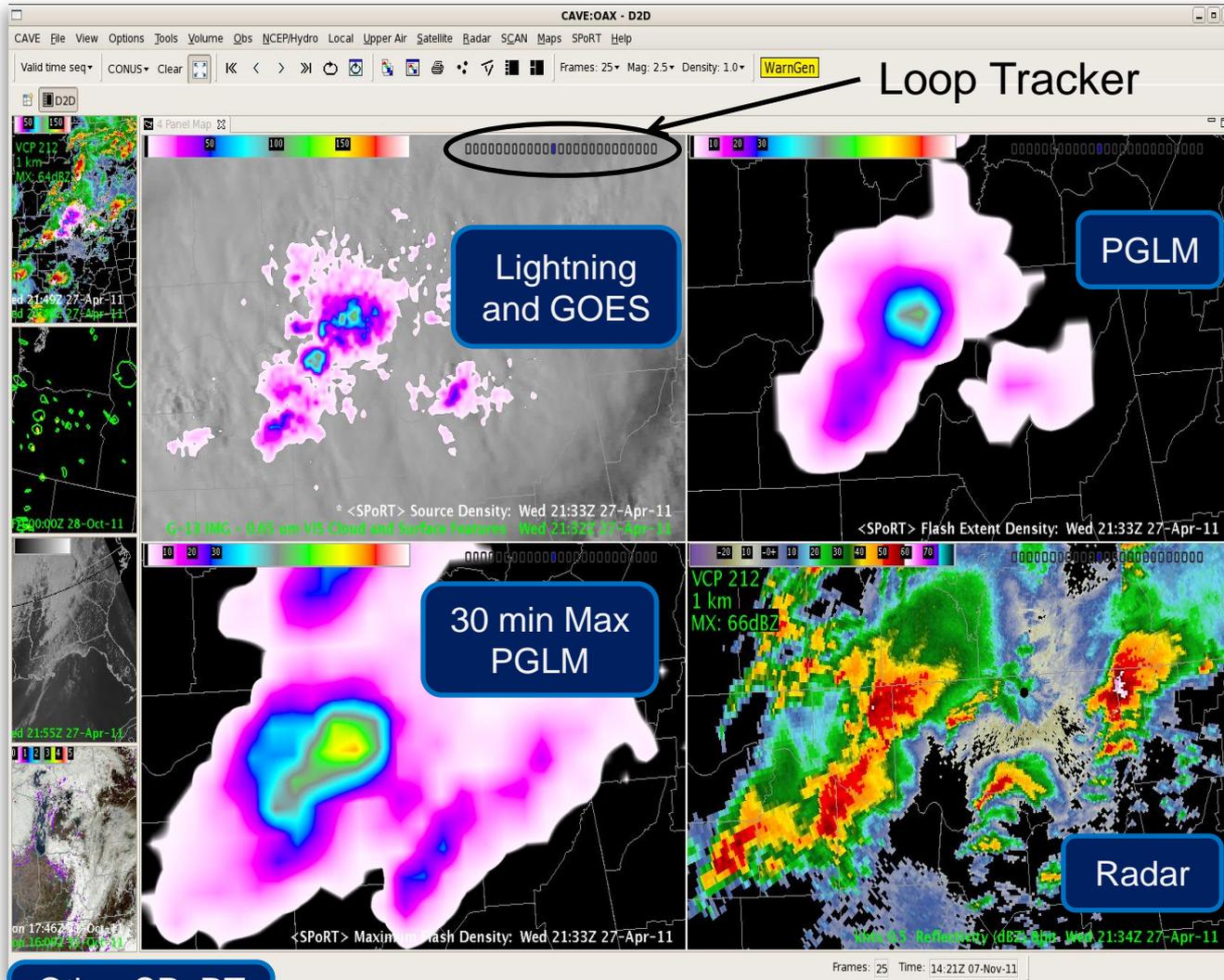
- Overview of GOES-R Proving Ground Activities at SPoRT (Jedlovec)
- Developing and Evaluating RGB Composite MODIS Imagery for Applications in NWS Forecast Offices (Molthan)
- Demonstration of RGB Composite Imagery at NOAA National Centers in Preparation for GOES-R (Fuell)
- Evaluation of NASA SPoRT's Pseudo-Geostationary Lightning Mapper Products in the 2011 Spring Program (Stano)
- Optimizing the Lightning Forecast Algorithm within the Weather Research and Forecasting Model (McCaul)



QPE – Quantitative Precipitation Estimate

- Working with Bob Kuligowski: Expecting sample data in near future
- Plan to transition into AWIPS / AWIPS II for use in OCONUS area

PGLM Total Lightning Activities



SPoRT fully supporting products in AWIPS II

Pseudo GLM

- Will be used in 2012
- Flash extent / initiation and max flash density
- New training underway
- Upgrades planned based on September's GLM Science Meeting
- Mosaic in development
- Continuing work to obtain more network data
- New AWIPS II features
 - Loop tracker
 - Time series graph

Looking Forward

- All SPoRT PG products in AWIPS II (Early 2012)
 - Edex and CAVE plug-ins being developed / modified
 - Demonstration in Southern Region ROC
- HWT Spring Experiment
 - SPoRT WRF
 - Enhanced lightning suite
 - RGB products
 - UAH CI upgrades
- VIIRS imagery / RGB and Hybrid products (Spring 2012)