

2012 SPoRT Partners Virtual Workshop

Wednesday, September 12th (Noon – 4:00 PM - Central)

Logistics

- Phone number:
- Passcode:
- GoToMeeting Link:
- Title: *SPoRT Center Virtual Workshop*

12:00 – 12:25

- Welcome, introduction, logistics, etc.

Convection, Severe Weather, and Total Lightning

12:25 – 12:50

An overview of summer convection across central Alabama – WFO Birmingham – Kevin B. Laws

12:50 – 1:15

Evaluation of the Convective Initiation (CI) GOES-R Algorithm in South Florida in July of 2012 – WFO Miami - Jeral Estupiñán

1:15 – 1:40

Using NASA SPoRT data sets to improve warning decision making during the peninsular Florida warm/wet season – WFO Melbourne – Jonathan C. Guseman, Matthew R. Volkmer, Peter F. Blottman, and David W. Sharp

Collaborations with OPC

1:40 – 2:05

RGB airmass product usage at the HPC/OPC/SAB/TAFB GOES-R Proving Ground – “Satellite Champion” at HPC/OPC/SAB/TAFB – Michael J. Folmer

2:05 – 2:30

BREAK

Operational Uses of Total Lightning

2:30 – 2:55

An investigation of North Alabama Lightning Mapping Array data and usage in the real-time operational warning environment during the March 2, 2012 severe weather outbreak in northern Alabama – WFO Huntsville / NASA SPoRT – Kristopher D. White, Geoffrey T. Stano, and Brian Carcione

2:55 – 3:20

Use of total lightning data at Chattanooga, Tennessee (Hamilton County) for public safety and decision making – WFO Morristown / NASA SPoRT – David Hotz, Anthony Cavallucci, and Geoffrey T. Stano

NASA SPoRT’s AWIPS II Activities

3:20 – 3:45

AWIPS II status – NASA SPoRT / WFO Huntsville - Jason Burks, Kevin McGrath, and Matt Smith

3:45 – 4:00

Closing remarks, additional questions



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Brief introduction

Operational Uses of Unique Satellite Imagery

12:05 – 12:30

The integration of unique satellite observations into operational forecasting and their impact on short-term prediction and decision support – WFO Albuquerque – Brian Guyer and Deirdre Kann

12:30 – 12:55

Quantifying Saharan dust events in Miami, Florida during the summer of 2012 – WFO Miami / University of Puerto Rico at Mayagüez – Jeral Estupiñán, Dan Gregoria, and Roberto Arias

12:55 – 1:20

Demonstration of RGB Composite Imagery at NWS forecast offices in preparation for GOES-R – WFO Huntsville / NASA SPoRT – Kristopher D. White and Kevin Fuell

1:20 – 1:45

Updates to NASA SPoRT's hybrid imagery as well as transitioning VIIRS imagery from Soumi NPP – NASA SPoRT – Matt Smith

1:45 – 2:00

BREAK

Initialization Datasets and Modeling Collaborations

2:00 – 2:25

Recent upgrades to NASA SPoRT initialization datasets for the Environmental Modeling System – NASA SPoRT – Jonathan L. Case

2:25 – 2:50

The utility of the real-time NASA Land Information System data for drought monitoring applications – WFO Huntsville / NASA SPoRT – Kristopher D. White and Jonathan L. Case

2:50 – 3:15

Preliminary results of a U.S. Deep South warm season deep convective initiation modeling experiment using NASA SPoRT initialization datasets for the operational National Weather Service local model runs – WFOs Houston and Mobile / NASA SPoRT – Jeffrey M. Medlin, Lance Wood, Brad Zavodsky, Jonathan L. Case, and Andrew Molthan

Workshop Wrap-Up

3:15 – 4:00

Open discussion and closing remarks

