

# 2012 July 17

Tuesday, July 17, 2012  
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## Agenda Topics

- 1) UAHCI product initial input from WFOs at start of evaluation
- 2) SPoRT 2nd Annual Virtual workshop: Sept
- 3) AMS submissions is August 1
- 4) AWIPS II data plugins progress for SPoRT products: HGX testing
- 5) WFO plans for AWIPS II: Input as to when switch may occur and possible use of SPoRT plugins
- 6) NPP/VIIRS Imagery in SPoRT Hybrid product, and VIIRS Day-Night Band examples

Attendees: OHX, ABQ, HUN, MFL, MLB, CRP

## Resulting Actions:

- **ACTION: Anita/UAH - Consider a 24-48 hour image archive for website of stills that WFOs could use as hindcast tool or to grab images for presentation/sharing. Provide feedback by 7/26**
- **ACTION: Kris White to provide an "office" user account to be used by ABQ for SPoRT Blog. Send info to Brian Guyer and Deirdre Kann by 7/26.**
- **ACTION: WFO staff preparing for NWA or other meetings can submit same abstract for SPoRT workshop. Do so to geoffrey.stano@nasa.gov by 7/27**
- **ACTION: All - Need to have abstract to Bernard by July 20 for any joint NWS-SPoRT papers/posters**
- **ACTION: Geoffrey to contact ABQ, HUN, MOB, and MOB regarding VIIRS ingest and evaluation. Due by next call on 8/16. Geoffrey will begin to develop AWIPS I ingest and display for VIIRS.**

## Meeting notes

- 1) UAHCI product initial input from WFOs at start of evaluation
  - Jonathan MLB - easterly flow, 10-15 lead time, some up to 30 minutes, generally good with trend of coastal storms that move inland, interested in sw flow regime, min. SoS is 50 w 60-70 being more the norm, file is large and filled D2d cache when trying to display on CONUS view
  - Jeral MFL - when sea breeze forms from Miami Dade and Palm Beach it does well, diff between East and West coast flow is that west flow has more cloud cover so SoS is decreased, 15 minute lead time general, some 30 minute lead time
  - Brian Guyer ABQ: Is there a way to post images to surveys?, need a general Blog account for ABQ, storms from yesterday did well with storms to ABQ south for El Paso, would like an archive for 24 hours
    - **ACTION: Anita/UAH - Consider a 24-48 hour image archive for website of stills that WFOs could use as hindcast tool or to grab images for presentation/sharing**
    - **ACTION: Kris White to provide an "office" user account to be used by ABQ for SPoRT Blog**
  - Andy, Dana: better lead time on more organized convection, 10-15 minute lead time, good at initial start of convection but as event unfolds the SoS gets masked out, hard to pinpoint new convection after event gets going. Andy: towering or moderate Cu day - switching to and from high and low SoS values so hard to pin what cells will develop (Anita: think of it like a radar, decrease in value may indicate a capping environment), would like to see if it detects development along differential heating areas of lakes and rivers.
- 2) SPoRT 2nd Annual Virtual workshop: Sept
  - September 12-13
  - Opportunity to share SPoRT data/imagery experiences with peers on variety of topics

- Half day sessions
- To include SR and other regional partners and National Centers
- Abstract deadline is July 27
- Final agenda to be provided on August 31
  - **ACTION: WFOs preparing for NWA or other meetings can submit same abstract for SPoRT workshop. Do so to geoffrey.stano@nasa.gov**

3) AMS submissions is August 1

- **ACTION: All - Need to have abstract to Bernard by July 20 for any joint NWS-SPoRT papers/posters**

4) AWIPS II data plugins progress for SPoRT products: HGX testing

- Most SPoRT data has plugins at this point (Imagery, LMA, UAHCI)
- New plugins either available or in development related to Fire Wx (HMS Smoke and Hotspot), WindSat, Total Lightning Tracking Tool

5) WFO plans for AWIPS II: Input as to when switch may occur and possible use of SPoRT plugins

- Input from Eric Howieson at SRHQ:
  - SR sites rescheduled until field OT and E complete
  - Other regions just staging AWIPS II software, but reverting back to AWIPS I for now
  - 12.8.1 release hoping to be acceptable (mid August release anticipated)
  - ABQ 10/16
  - MFL 12/10
  - CRP 10/23
  - MLB ~11/24
  - Rescheduling front end offices to later dates
  - Eric H. is on numerous teams to determine if a release is ready for national deployment

6) NPP/VIIRS Imagery in SPoRT Hybrid product, and VIIRS Day-Night Band examples

- VIIRS will add to the swaths available in Hybrid
  - If you have the SPoRT Hybrid Imagery Products (IR, SW, vis.) installed, then you will receive VIIRS data automatically
- VIIRS will have wider swath than MODIS
- VIIRS resolution at swath edge is preserved much better than MODIS
- VIIRS has a unique Day-Night Band (DNB)
  - Applications to smoke and low clouds at night
- A set of WFO users is being developed to evaluate VIIRS products. Evaluation period for Fall 2012 is being planned for products related to low cloud and fog issues (would include DNB and Night-time Microphysics RGB)
  - **ACTION: Geoffrey to contact ABQ, HUN, MOB, and MOB regarding VIIRS ingest and evaluation. Due by next call on 8/16. Geoffrey will begin to develop AWIPS I ingest and display for VIIRS.**

Next call August 16 due to virtual workshop in Sept, then skip to November for future coordination call