



GOES-R/JPSS Activities in NWS Pacific Region

Jordan Gerth

OCONUS Satellite Scientist

May 2014 Update

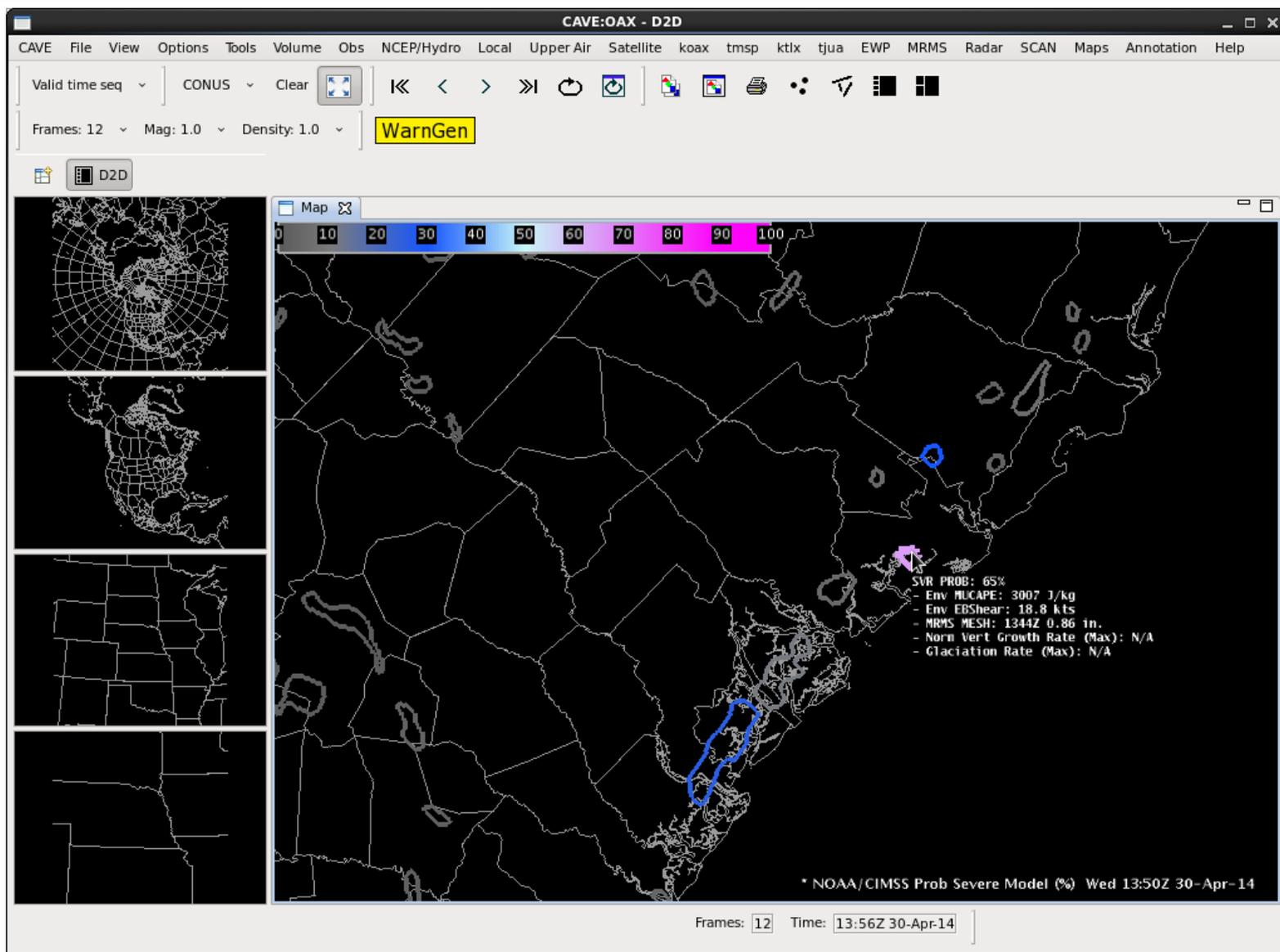


- Geoffrey Stano and Gary Jedlovec are the first participants in the Visiting Scientist Program (VSP) this week
 - Quantitative Precipitation Estimation (QPE) demonstration
 - If your GOES-R or JPSS risk reduction project is applicable to Pacific Region and is scheduled for demonstration in FY15, please let Bill Ward, Eric Lau, and I know of your intent to participate in the VSP. Funding is conditional on approval from Mitch or Steve.
- Accommodations for the 2014 JPSS OCONUS meeting are nearly finalized
 - Attendees will be notified in the coming weeks to make hotel and transportation reservations (not everyone will need a vehicle)
 - 29 July to 1 August 2014



- Participated in the SPoRT EPDT during the first week of April
- Submitted several small enhancement discrepancy reports:
 - DR 17293: Warning polygon line width
 - DCS 295: Ingest/Load/Display Plug-ins for severe probability for a storm cell (see figure on next slide)
 - DR 17303: Ingest LambertConformal projection with two standard parallels using RegionalSat
 - DR 17313: Additional true color capabilities for satellite, gridded data
 - DR 17314: Add satellite source and configurability to satellite legends
- Other AWIPS II development work includes:
 - Additional user-driven color map configurability for alpha channel
 - Performance enhancements for loading NUCAPS soundings





- Finalizing Pacific Region VSP framework
- Tim Schmit and I are working on Advanced Baseline Imager (ABI) individual band fact sheets
 - Plan is to distribute one fact sheet per month from later this summer through the end of 2015
- Tim Schmit and I are working on exploratory scan strategies to maximize use of the ABI (new ABI paper coming soon)
 - Alternatives to mode 3 and mode 4 which meet both operational requirements and science needs
- Supporting evaluation of VIIRS flooding and ice products at APRFC and NWS Fairbanks (NCRFC well underway)
- Reconfiguring the delivery of Honolulu Community College imagery to the Honolulu forecast office





Proposed CONUS sectors in ABI era

