



JPSS Proving Ground and Risk Reduction Update 4 Mar 2013



Important Topics

- Program/Satellite Initiatives
- JPSS Science Seminars
- JPSS PGRR January Telecon
- JPSS Satellite Communications
- JPSS PGRR Participation in Science Week and NOAA Satellite Conference



Program/Satellite Initiatives

- JPSS Program Design Review (25-28 Feb)
- Second NWS Eastern Region Virtual Satellite Workshop on 26 Feb
- Bill Smith meeting with NWS AK personnel (27-28 Feb). Telecon on 28 Feb
- NASA-NOAA Joint Working Group Meeting 1 Mar
- Mike Folmer working with Kent Hughes of STaR to evaluate Ocean Prediction Center use ocean color



Eastern Region Satellite Workshop



Eastern Region Virtual Satellite Workshop

Tuesday, February 26, 2013

Final Agenda

Webinar Registration: <https://www2.gotomeeting.com/register/722516514>

Conference Call Information: Dial 1-210-406-7026 with passcode 740391

All times are Eastern.

Session I: Moderated by Frank Alsheimer

8:00am	***GoToMeeting Connection Testing etc.***		
8:10am	Welcome Remarks and Reminders	Dave/Frank/Ken Johnson	
8:20am	WFO Charleston, SC Use of Simulated Satellite Data in Forecast Operations	Frank Alsheimer	NOAA/NWS Charleston, SC
8:40am	NWS Eastern Region Participation in the GOES-R Proving Ground Evaluations	Dave Radell	NOAA/NWS Eastern Region
9:00am	A Preview of GOES-R GLM Utility in Severe Weather Using DC-LMA Data	Bryan Jackson	NOAA/NWS Sterling, VA
9:20am	SPoRT Activities in Support of the GOES-R and JPSS Proving Grounds	Geoffrey Stano/Kevin Fuell	NASA/SPoRT
9:40am	Orographically Induced Cirrus Clouds East of the Southern Appalachian Mountains	Ryan Ellis	NOAA/NWS Raleigh, NC
10:00am	***Break***		

Session II: Moderated by Dave Radell

10:20am	Utility of GOES-R Proving Ground Experimental Satellite Imagery for the March 2012 Mid-Atlantic Multi-Day Fog Event	Al Cope	NOAA/NWS Mt Holly, NJ
10:40am	Early Results from the Central Region Demonstration of the GOES-R Fog and Low Stratus Algorithm Applied to Current Real-time GOES Imagery and Data	Brian Motta	NOAA/NWS/FDTB
11:00am	Using Simulated Satellite Imagery in NWS Experiments/Testbeds	Justin Sieglaff	UW/CIMSS
11:20am	GOES-R ABI (Advanced Baseline Imager) Rapid Refresh Imaging Capabilities	Tim Schmit	NOAA/NESDIS
11:40pm	Maintaining Situational Awareness for GOES Enhanced Scanning	Michael Sporer	NOAA/NWS Blacksburg, VA
12:00pm	***Lunch***		

Session III: Moderated by Frank Alsheimer

1:10pm	***GoToMeeting Connection Testing etc.***		
1:20pm	Improving Very-Short-Range Forecasts of the Pre-Convective Environment Using Operational Geostationary Satellite Observations	Ralph Peterson	UW/CIMSS
1:40pm	Using UW-Cloud Top Cooling Rates in Convective Storm Warning Experiments	Justin Sieglaff	UW/CIMSS
2:00pm	The GOES Objective Overshooting Top Signature Detection Product: Algorithm Description, Validation, and Applications	Kristopher Bedka	NASA/SAIC
2:20pm	The Satellite Analysis Branch Hazard Mitigation Programs and Preparing for GOES-R	Jamie Kibler/Michael Folmer	NOAA/NESDIS
2:40pm	Recent VISIT Training Sessions on the Use of GOES-R Synthetic Imagery from the NSSL WRF-ARW Model in a Variety of Forecast Applications	Dan Bikos	CIRA/CSU
3:00pm	***Break***		

Session IV: Moderated by Dave Radell

3:20pm	Assessment of the Major June 2006 and September 2011 East Coast Flash Flood Events From An Integrated Water Vapor Satellite Imagery Perspective	Chris Gitro, presented by Mike Jurewicz	NOAA/NWS Binghamton, NY
3:50pm	RGB Satellite Imagery: What It Is and Recent Examples from NWS Operations	Brian Motta	NOAA/NWS/FDTB
4:10pm	Suomi NPP VIIRS Satellite Imagery in AWIPS	Scott Bachmeier	UW/CIMSS
4:30pm	Linear Optimization as a Solution to Improve the Sky Cover Guess, Forecast	Jordan Gerth	UW/CIMSS
4:50pm	Wrap Up and Closing Remarks	Dave/Frank/Ken Johnson	



Upcoming JPSS Science Seminars

Date	Speaker	Affiliation	Title
19 Feb	Gary Jedlovec	Short-term Prediction Research and Transition Center (SPoRT)	Support to NWS Ops
27 Mar	Fuzhong Weng	NOAA/NESDIS STAR	SNPP Data Assimilation into Tropical Cyclone Models
15 Apr	Jim Yoe	NWS/NCEP	SNPP Sounding Assimilation into NWP Models
20 May	Mike Folmer	NCEP Satellite Liaison	SNPP Data Use in NCEP Centers
17 Jun	Kent Hughes	NESDIS STaR	Operational Use of Ocean Color



JPSS Satellite Communications

- Updated JPSS Website:
<http://www.jpss.noaa.gov/>
- Science Seminar article on Community Satellite Processing Package completed 28 Feb
- PGRR Project participation in Satellite Science Week and NOAA Satellite Conference



Satellite Science Week

- Ingrid Guch telecons with session moderators to discuss JPSS PGRR participation
- Mitch and Ingrid met to identify which project would fit best into each session
- Specific proposals sent to moderators and JPSS PGRR participation further refined
- Results of 1 Mar Planning Telecon