

# 7th GOES Users' Conference (GUC) Agenda

Wynfrey Hotel, Birmingham, Alabama

Wednesday, October 19, 2011

6:00-9:00 PM | **Registration, GOES Poster Session and Reception**

Thursday, October 20, 2011

## Session 1: Joint NWA/GUC Session: Current and Future GOES

8:00 AM | Welcome and Opening Remarks – Jim Gurka

8:05 AM | Keynote Speaker: The GOES-R Program – Greg Mandt (Director, GOES-R Program Office)

8:30 AM | NOAA's GOES Satellites: Current Status, Operational Updates, Improvements and Short-Term Plans – Tom Renkevans

9:00 AM | GOES-R Proving Ground Partnership – Jim Gurka

9:15 AM | NWS Field Perspective of the GOES-R Proving Ground – Jeff Craven

9:30 AM | GOES-R Proving Ground Activities at the National Hurricane Center – Jack Beven

9:45 AM | The ABI (Advanced Baseline Imager) on the GOES-R Series – Tim Schmit

10:00 AM | **Coffee Break**

## Session 2: Joint NWA/GUC Session: GOES-R Program and Earth-Observing Instruments

10:30 AM | High Impact Weather Forecasts and Warnings with the GOES-R Geostationary Lightning Mapper (GLM) - Steve Goodman

10:45 AM | GOES Data and Products in the Space Weather Forecast Office – Rodney Viereck

11:00 AM | How AWIPS II will bring GOES-R Capabilities and Science to the Field – Jordan Gerth

11:15 AM | Advancements Toward Fused Satellite, Radar, NWP, and In Situ Aviation Weather Decision Support – Wayne Feltz

11:30 AM | GOES-R Post Launch Activities – Vanessa Griffin

11:45 AM | **Lunch**

12:15 PM | **Lunch Panel – The Path Forward to Ensure User Readiness for GOES-R**

*Moderator: Steve Goodman Panelists: Mike Johnson, Vanessa Griffin, Tony Mostek, Rusty Billingsley, Dan Satterfield*

## Session 3: Benefits of GOES-R Products for Forecasters/Broadcasters - Part I

1:30 PM | The GOES-R Proving Ground at NOAA's Storm Prediction Center and Hazardous Weather Testbed – Christopher Siewert

1:45 PM | The Tennessee Floods of May 2010: A Satellite Perspective – Sheldon Kusselson

2:00 PM | Training in the NOAA Satellite Proving Ground – Focus on User Readiness and Decision Support Services – Tony Mostek

2:15 PM | Overview of GOES-R Proving Ground Activities at SPoRT – Gary Jedlovec

2:30 PM | **Coffee and Poster Break**

## Session 4: Benefits of GOES-R Products for Forecasters/Broadcasters - Part II

3:30 PM | Developing and Evaluating RGB Composite MODIS Imagery for Applications in NWS Forecast Offices – Andrew Molthan

3:45 PM | Improvements in Short-Term Predictions and the Identification of Hazardous Weather – Deirdre Kann

4:00 PM | Meteosat Third Generation (MTG) an Innovative Approach to Advanced Observations from the Geostationary Orbit – Rolf Stuhlmann

4:15 PM | Optimizing the Lightning Forecast Algorithm within the Weather Research and Forecasting Model – Eugene McCaul

4:30 PM | An Overview of New and Unique GOES-R Products for Hazard Assessments – Michael Pavolonis

4:45 PM | GOES-R for Broadcast Meteorologists – Going from a Trickle to a Fire Hose – Dan Satterfield

5:00 PM | User Input from Past GOES Users' Conferences – Jim Gurka

5:15 PM | **Question and Answer Session**

6:00 PM | **Conference Dinner – Special Guest Speaker: James Spann, Chief Meteorologist for ABC 33/40, Birmingham, Alabama**

Friday, October 21, 2011

7:30 AM | **Continental Breakfast**

## Session 5: User Discussion and Recommendations

8:00 AM | Introductions to Group Topics; Discussion on Purpose and Logistics – Jim Gurka

8:10 AM | **Group Discussion I--Exploiting GOES Data/Products:** Share and discuss methods to better exploit current GOES data and products for your applications area (e.g., Are there operational products that you do not currently have access to in your system?). Are there "best practices/lessons learned" for transition to the GOES-R system?

9:05 AM | **Group Discussion II--Operational Enhancements by Leveraging the GOES-R Proving Ground:** How might satellite resources be more effective in helping provide operational products/services? Do you have any recommendations on better use of satellite resources (including the GOES-R Lightning Mapper) in the Proving Ground exercises? What actions do you recommend to ensure the Proving Ground is more effective in using future satellite data for decision support?

10:00 AM | **Break**

10:20 AM | **Group Discussion III--Maximizing Operational User Readiness/Decision Support:** What training and education is needed for users to maximize GOES-R data and products? What methods (e.g., delivery, user involvement) would be most beneficial to operational forecasters and broadcasters?

11:15 AM | Group Topical Discussion Summaries

11:45 AM | Closing Remarks – Jim Gurka