



GOES-R at AWC

Bruce Entwistle
Aviation Weather Center
Kansas City, MO
Bruce.Entwistle@noaa.gov

Criteria for Successful Research to Operations

Operations to Research means keeping these in focus

Demonstrated Benefits

Efficiency

Sustainability

IT compatibility

Criteria for Successful Research to Operations

GOES-R Proving Ground meets the criteria

- UWCI and Nearcast adapted for use in N-AWIPS.
 - This was non-trivial! Thank you for the effort.
- Low clouds and fog to be implemented by mid-June.

Schedule

What happened? Where are the evaluations?

- Begin: May 2010 (planning)**
- ~~First products into testbed: July 2010~~**
- ~~Status report 1: September 2010~~**
- ~~Status report 2: December 2010~~**
- ~~Status report 3: March 2011~~**
- ~~Status report 4: June 2011~~**
- ~~End: September 2011 (evaluation/report)~~**

Schedule

What happened? Where are the evaluations?

→ I was too optimistic

→ GOES-R was only thing in testbed when I left last year

→ Additional tasks quickly arrived

→ Two people giving part time to testbed

→ Unidata GEMPAK and NCEP GEMPAK aren't the same

Schedule

What's different?

- **More staff hired – Support Branch Chief, one research met, and one IT support**
- **GOES-R champion position announced via UWisc CIMSS**
- **Shameless plug:
http://www.ssec.wisc.edu/employment/CIMSS_Researcher_at_NOAA-AWC**

Evaluations

- **CI products evaluated this summer during Aviation Weather Testbed's summer experiment**
- **A component of a larger effort called Integrated Decision Support Experiments (IDSE)**
- **Seeks to identify meteorologist role to air traffic control/management and safety of flight through used of state-of-the-art information**