

AVIATION WEATHER CENTER PROVING GROUND UPDATE



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AWC SUMMER EXPERIMENT 2012: RECAP...

Dedicated GOES-R desk!

■ Daily workflow:

- ~30 – 40 min training presentation
- Morning wx outlook
- Afternoon wx watch

■ Participants:

- Week 1: ~1 forecaster, ~1 FAA/other
- Week 2: ~2 forecasters, ~1 FAA/other

■ Feedback:

- Survey questions: lots of good comments... but too many questions
- Verbal: discussion between the GOES-R desk, as well as collaboration with other desks
- GOES-R blog!

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Products displayed:

- ABI simulated/synthetic satellite imagery
 - Bands 8-16 (specifically 8,9,10, and 14)
- NearCasting Model
- WRF/HRRR Lightning Threat
 - Threat 1, 2, and specifically 3
- UWCI Cloud Top Cooling
- UAH SATCAST
- Enhanced-V/Overshooting Top
 - Mainly OT detection
- Pseudo Geostationary Lightning Mapper (PGLM)
- Low Cloud and Fog
 - IFR/LIFR probabilities were the main focus
 - Cloud phase and cloud thickness/depth were secondary

RESEARCH TO OPERATIONS EFFORT

- **Low Cloud and Fog:**
 - Transition in operations complete!
 - Training materials/sessions are currently in the works
- **Volcanic Ash**
 - Only AK domain will be ingested into the AWC
 - N-AWIPS vs. AWIPS-II
 - End of the summer?
- **Aircraft Icing Threat**
 - Funding issue...
 - This will still be ingested into the AWC for evaluation purposes
 - Also will be in the AWC winter experiment (tentatively scheduled for February 2013)