7th NOAA TBPG Workshop
College Park, MD
April 5-6, 2016

Roundup Presentation
Aviation Weather Testbed

Joshua W. Scheck, Steve A. Lack, Benjamin R.J. Schwedler, Bruce Entwistle, and Austin Cross
FY15 Highlights

AWT

CAWS
Higher spatial and temporal resolution

Tropical Graphical Area Forecast
Graphical alternative to text area forecast
FY16 Activities
AWT

Global Graphics
New convection and turbulence guidance

Non-convective CAWS
More detail than G-AIRMET before SIGMET needed

AWIPS II Icing and Turbulence
Interactive icing tool and new guidance
FY16 Activities
AWT

Ceiling and Visibility
Meteorologist-in-the-loop gridded forecasting

CAWS Improvements
Higher spatial and temporal resolution

Satellite Support
Highlight new satellite guidance

Tropical
Graphical alternative to text area forecast
Best Practices/Lessons Learned

AWT

- There are huge benefits to only inviting AWC forecasters during first week
- Must reduce scope, but increase intensity
  - Focus on theme areas
- Need to upgrade infrastructure!!!!
Outline

• 20 minute presentations
  – 15 mins. content, 5 mins. questions
• No more than 7 slides
  – Top 2-3 FY15 Testing Highlights (~ 2 slides)
  – FY15 transition stats and performance metrics summary (1 slide)
  – Top 2-3 Tests Planned for FY16 (~2 slides)
    • Emphasize activities that show promise for operations/applications within 1-3 Years
  – Best Practices/Lessons Learned for successful testing (1 slide)
Outline

• 20 minute presentations
  – 15 mins. content, 5 mins. questions
• No more than 7 slides
  – Ceiling and Visibility Grids in GFE
  – Current Icing Product (CIP)/Forecast Icing Product (FIP)
  – Collaborative Aviation Weather
  – Top 2-3 FY15 Testing Highlights (~ 2 slides)
  – FY15 transition stats and performance metrics summary (1 slide)
  – Top 2-3 Tests Planned for FY16 (~2 slides)
    • Emphasize activities that show promise for operations/applications within 1-3 Years
  – Best Practices/Lessons Learned for successful testing (1 slide)