



Weather Evaluation Team (WET) Update



CDM

Collaborative
Decision Making

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Current WET Tasking

Task 51: Operational Bridging (OB) and Collaborative Aviation Weather Statement (CAWS) Implementation

2016 Operational Demonstration of CAWS

Operational Bridging Concept

- **Focus weather forecast collaboration resources on events that impact the NAS**
- **Take advantage of a blend of newer, higher resolution computerized weather forecast models**
- **Issue critical weather forecast information at the optimal time, even if it is between the usual 2-hour update cycle**

Operational Bridging Concept

- **Legacy Collaborative Convective Forecast Product transitioned to the new, automated CDM Convective Forecast Planning guidance Nov 2014**
 - CCFP “look and feel,” forecast issuance frequency, and full-CONUS coverage remain unchanged
 - Schedule improved to 24-7-365 issuance
- **New product: CAWS**
 - Operational Demonstration started 2015 and continues for 2016
 - Event-driven – timed and focused on areas of potential air traffic impact (en route and/or terminal)
 - National Weather Service and Industry meteorologists collaborate on CAWS

CCFP/CAWS & TFM Decisions

- **CCFP and the CAWS will be the primary weather products utilized by Command Center and Traffic Flow Managers to develop the Operational Plan**
- **The CAWS takes precedence over the CCFP if there are differences in the two**

CCFP and CAWS Training

- **Notice to Field on FAA Order 7210.3**
- **Specific Training available on eLMS and TFM Learning**

CCFP and CAWS Challenges

- **No budget**
- **Proving concept outside of primary workstations via internet/web-based capability**

2016 CAWS Expectations

- **2016 is an assessment period and will be a learning experience for everyone**
- **Evaluation of CAWS will take place over the summer to refine CAWS requirements**
- **Some adjustments by mid-season are likely**
- **Feedback from CDM Community will help improve product and determine if we proceed with concept – SPEAK UP!**
 - NTML (end of shift summary)
 - Customer Comments
 - Web SurveyMonkey (during summer assessment)
 - Direct emails to WET members

CAWS Suitability Assessment

- **Live field observations from April – July 2016**
 - Target ATCSCC, AWC forecasters, Airline Ops Center
- **Evaluate the usability, effectiveness, and areas of potential improvement for OB and the CAWS**
- **Obtain feedback from ATM decision makers regarding perceived utility of OB and CAWS**
 - Collect usability/utility data via interviews and questionnaires
- **Document issues and lessons learned**

Current WET Tasking

After the demonstration, a decision will be made whether to proceed with OB and CAWS Concept, and if so FAA will finalize requirements to the NWS and work to incorporate into FAA Systems as needed

