To: Subscribers:
   - Family of Services
   - NOAA Weather Wire Service
   - Emergency Managers Weather Information Network
   - NOAAPort
   Other NWS Partners and Employees

From: Cynthia Abelman
Chief, Aviation Services Branch

Subject: Amended: Soliciting Comments on the Experimental Aviation Winter Weather Dashboard through April 15, 2013

Amended to extend the solicitation of comments on the Experimental Winter Weather Dashboard through April 15, 2013.

The Experimental Aviation Winter Weather Dashboard (AWWD) depicts a potential winter weather impact to the Core 30 Airports. The AWWD is updated four times per day. The Web display indicates the potential impact to each airport through a matrix of color coded boxes that depict impact through 87 forecast hours:

nominal (green)
slight (yellow)
moderate (orange)
high (red) impact.

The impact information is calculated using the operational Short Range Ensemble Forecast (SREF) numerical weather prediction system and climatology.

The AWWD was developed to support the Federal Aviation Administration Air Traffic Control System Command Center to coordinate long-range strategic winter weather planning by providing guidance on the impact from winter weather at major airports.
The Experimental Aviation Winter Weather Dashboard will only be available at:

http://testbed.aviationweather.gov/winterdashboard

The AWWD renders the potential impact to each airport, at 3-hourly forecast intervals, based on certain thresholds of forecast winter weather conditions. The probability of accumulated snowfall, accumulated freezing rain, and visibility are used to determine the particular impact category assigned to each airport. The airports are split into four separate impact groups, based upon the airports’ ability to operate during winter weather conditions, which is based on annual snowfall climatology. Each group has a specific probabilistic threshold for snowfall/ice pellets, freezing rain, and visibility that determine the category.

Questions? Comments? Please contact:

Michael Pat Murphy
Warning Coordination Meteorologist
Aviation Weather Center
Kansas City, MO
816-584-72048
michael.pat.murphy@noaa.gov

National Public Information Statements are online at:

https://www.weather.gov/notification/archive

$$
NNNN