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PNSWSH

Service Change Notice 13-67
National Weather Service Headquarters Washington DC
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From: Cynthia Abelman
 Chief, Aviation Services Branch

Subject: Aviation Winter Weather Dashboard Operational
 November 25, 2013

Effective Monday, November 25, 2013, at 1800 Coordinated Universal Time (UTC), the NWS Aviation Weather Center in Kansas City, MO, will implement the Aviation Winter Weather Dashboard as an operational product.

Beginning November 25, 2013, Aviation Winter Weather Dashboard will be operationally available 24 hours a day, 7 days a week.

The 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 website display indicates the potential impact to each airport through a matrix of color coded boxes that depict nominal (green), slight (yellow), moderate (orange), and high (red) impact through 87 forecast hours. 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. AWWD supports long-range strategic winter weather planning by providing guidance on the impact from winter weather at major airports.

The Aviation Winter Weather Dashboard will only be available at:

<http://www.aviationweather.gov/decisionsupport/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/ice pellets, 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 airport's ability to operate during winter weather conditions, which, in turn, 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.

For questions about this experimental forecast, please contact:

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National NWS Technical Implementation Notices are available at:

<http://www.nws.noaa.gov/om/notif.htm>

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