

NOUS41 KWBC 192018  
PNSWSH

Public Information Notice  
National Weather Service Headquarters Washington DC  
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From: Cynthia Abelman  
Chief, Aviation Services Branch

Subject: Soliciting Comments on the Experimental Aviation  
Winter Weather Dashboard January 3, 2012 to  
April 15, 2012

The National Weather Service is soliciting comments on the  
Experimental Winter Weather Dashboard between December 28, 2011  
and April 15, 2012.

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 nominal (green), slight  
(yellow), moderate (orange), and high (red) impact through  
eighty-seven 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 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 three-  
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 airports' ability to

operate during winter weather conditions, which are based on annual snowfall climatology. Each group has a specific probabilistic threshold for snowfall/ice pellets, freezing rain, and visibility that determine the category.

If you have any questions about this experimental forecast, please contact:

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National Public Information Notices are online at:

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

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