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Public Information Notice: Amended
National Weather Service Headquarters Washington DC
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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:

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