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PNSWSH

Public Information Statement, Comment Request  
National Weather Service Headquarters Washington DC  
1025 AM EDT Fri Apr 8 2011

To:           Subscribers:  
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From:         Cynthia Abelman  
              Chief, Aviation Services Branch

Subject: Soliciting Comments on the Experimental Aviation Impact Guidance  
for Convective Weather (AIGCW)

NWS is seeking user comments between April 15, 2011 and April 15, 2012 on  
the experimental AIGCW. Links to this product are online as follows:

3-hour AIGCW:  
<http://www.spc.noaa.gov/exper/sref/specialdrb.php?run=latest>

1-hour AIGCW:  
<http://www.spc.noaa.gov/exper/sref1hr/>

The AIGCW is a graphical forecast capability that represents the probability of convective weather impacting air traffic operations in the National Airspace System (NAS). The graphical product combines weather and air traffic data to support Federal Aviation Administration (FAA) and Airline collaborative decision making for Traffic Flow Management. The weather portion of this product uses the Short Range Ensemble Forecast (SREF) Calibrated Thunderstorm output, which is operationally produced by NWS.

The air traffic portion uses a 5-year set of historical air traffic data from January 1, 2004 through December 31, 2008. The AIGCW capability is then able to graphically illustrate the probability of convective weather impact to the normal, albeit historical, flow of air traffic in the National Airspace System (NAS).

The AIGCW was developed in conjunction with the FAA's longer range collaborative strategic planning process, which is well beyond the traditional 6hr strategic planning timeframe. AIGCW provides a convective weather impact forecast to air traffic flows for 1-hour forecast intervals through 39 hours and 3-hour intervals through 87 hours.

For technical questions and support in registering a user access for the Experimental AIGCW, please contact:

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Aviation Weather Center  
Kansas City, MO  
816-584-7204  
[david.bright@noaa.gov](mailto:david.bright@noaa.gov)

If you have questions or comments about this change, contact:

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Warning Coordination Meteorologist  
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National Public Information Statements are online at:

<https://www.weather.gov/notifications/archive>

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