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Public Information Notice
National Weather Service Headquarters Washington DC
308 PM EDT Mon Aug 8 2011

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From: Richard J. Vogt
 Director, WSR-88D Radar Operations Center

Subject: NWS Operational Field Test of 2-Dimensional
 Velocity Dealiasing Algorithm

Starting August 15, 2011, and ending December 31, 2011, NWS is planning an operational field test of the 2-Dimensional Velocity Dealiasing Algorithm (VDEAL) at 13 Weather Surveillance Radar-1988, Doppler (WSR-88D) sites. The purpose of the test is to obtain NEXRAD agency user feedback on the ability of VDEAL to reduce velocity dealiasing errors before potential network-wide implementation.

Except for likely improved dealiased velocity data, users will not notice a change in the products or Level II data. The format of the Level II data and products will not change.

The VDEAL test sites are:

KCBX Boise, ID
KBRO Brownsville, TX
KCXX Burlington, VT
KCRP Corpus Christi, TX
KDMX Des Moines, IA
KGLD Goodland, KS
KTFX Great Falls, MT
KBYX Key West, FL
KLCH Lake Charles, LA
KAMX Miami, FL
KPUX Pueblo, CO
KTLH Tallahassee, FL
KLTX Wilmington, NC

The National Severe Storms Laboratory and WSR-88D Radar Operations Center have completed extensive off-line VDEAL testing; however, sites will have the ability to turn VDEAL on and off during the test period.

More VDEAL details, including the operational test plan, are available under "New Radar Technology" at:

<http://www.roc.noaa.gov/WSR88D/>

If you have questions or comments, please contact:

Dave Zittel
WSR-88D Radar Operations Center
Walter.D.Zittel@noaa.gov

Tim Crum
WSR-88D Radar Operations Center
Tim.D.Crum@noaa.gov

National Technical Implementation Notices are online at:

<http://www.weather.gov/os/notif.htm>

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