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PNSWSH

Service Change Notice 18-30  
National Weather Service Headquarters Silver Spring MD  
1140 AM EDT Fri Mar 23 2018

To:           Subscribers  
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From:         Terrance J. Clark  
              Director, WSR-88D Radar Operations Center

Subject:      WSR-88D Mid-Volume Rescan of Low-Level Elevations  
              Field Test to Begin on or around May 14, 2018

The Radar Operations Center will begin the Mid-Volume Rescan of Low-Level Elevations (MRLE) Field Test at 15 radar sites beginning on or around May 14, 2018. This date is dependent on RDA/RPG Build 18.0 deployment. MRLE is similar to the Supplemental Adaptive Intra-Volume Low-Level Scan (SAILS) technique where an additional low-level scan is provided each volume scan; however, MRLE allows for up to four low elevation angles to be repeated during a single volume scan. More details, including test datasets, are available on the Radar Operations Center's website:

<https://www.roc.noaa.gov/WSR88D/NewRadarTechnology/NewTechDefault.aspx>

The field test is expected to run approximately one year. The 15 sites participating in the MRLE Field Test are as follows:

KAMA - Amarillo, TX  
KDGX - Jackson, MS  
KJKL - Jackson, KY  
KLSX - St. Louis, MO  
KEMX - Tucson, AZ  
KLRX - Elko, NV  
KICT - Wichita, KS  
KIND - Indianapolis, IN  
KDVN - Quad Cities, IA  
KILN - Wilmington, OH  
KPUX - Pueblo, CO  
KEWX - Austin/San Antonio, TX  
KENX - Albany, NY  
KRAX - Raleigh, NC  
KUDX - Rapid City, SD

For questions or comments, please contact:  
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National Service Change Notices are online at:

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

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