

NOUS41 KWBC 231540
PNSWSH

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

To: Subscribers:
 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
 -NOAAPort
 Other NWS Partners, Users and Employees

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:

Jessica Schultz
NWS Radar Focal Point
Radar Operations Center
jessica.a.schultz@noaa.gov

National Service Change Notices are online at:

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

NNNN