

NOUS41 KWBC 201653
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Service Change Notice 14-44
National Weather Service Headquarters Washington DC
1253 PM EDT Wed Aug 20 2014

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From: Terrance J. Clark
 Acting Director, Radar Operations Center

Subject: Beta Test of WSR-88D Software Build 15 Changes and Beta Test Sites Beginning on or about September 22, 2014 at Five WSR-88D Locations

The NEXRAD Program will conduct a Beta Test of the Radar Data Acquisition/Radar Product Generator (RDA/RPG) Build 15.0 software and hardware upgrade beginning on or about September 22, 2014 at five WSR-88D locations. The Beta Test locations and approximate start dates are as follows:

Site ----	Approximate Start Date -----
Amarillo, TX (KAMA)	September 22, 2014
Reno, NV (KRGX)	October 6, 2014
Fort Polk, LA (KPOE)	October 14, 2014
Kenai, AK (PAHG)	October 20, 2014
Pittsburgh, PA (KPBZ)	October 27, 2014

The content impacting external users will be limited. These changes include:

- Tuning the RPG Initial PhiDP estimate with the option to use in RPG algorithms.
- Adding ability for site modification of the dual polarization rainfall rates to address tropical and continental drop size distributions.
- Adding the Supplemental Adaptive Intra-volume Low-Level Scan (SAILS) location within the volume scan to the General Status Message (GSM).

For more information, visit the Radar Operations Center website:

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

For questions or comments, please contact:

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National Service Change Notices are online at:

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

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