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Service Change Notice 25-58
National Weather Service Headquarters Silver Spring MD
845 AM EDT Fri Aug 1 2025

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

Subject: Weather Surveillance Radar-1988 Doppler (WSR-88D) RDA/RPG Build 24.0 Beta Test to Begin the Week of September 8, 2025

Beginning the week of September 8, 2025, the Radar Operations Center (ROC) will start the Build 24.0 Beta Test for the Radar Data Acquisition (RDA) and Radar Product Generator (RPG). RDA/RPG Build 24.0 will be installed at the following WSR-88D sites according to the following tentative schedule:

Vance AFB, OK (KVMX): Week of September 8, 2025
South Kauai, HI (PHKI): Week of September 15, 2025
Norman, OK (KTLX): Week of September 29, 2025
Wichita, KS (KICT): Week of October 6, 2025
Flagstaff, AZ (KFSX): Week of October 6, 2025

Deployment of RDA/RPG Build 24.0 is scheduled to begin in early December 2025. Highlights of Build 24.0 include:

- The removal of legacy long pulse VCP 31. As a replacement for VCP 31, new long pulse VCP 34 was implemented in RDA/RPG Build 23.0. VCP 34 includes the option for one Supplemental Adaptive Intra-Volume Low-Level Scan (SAILS) to provide more frequent low-level updates.
- Enhancements to Dual Pol QPE including a reduction of discontinuities near the melting layer and bug fixes affecting below melting layer amounts.

Draft Interface Control Documents (ICDs) are located at the following location:

<https://www.roc.noaa.gov/interface-control-documents.php>

If you have questions, please contact:

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National Service Change Notices are online at:

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

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