Service Change Notice 19-97
National Weather Service Headquarters, Silver Spring, MD
1050 AM EST Fri Nov 22 2019

To: Subscribers
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- Emergency Managers Weather Information Network
- NOAAPORT
Other NWS Partners and Employees

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

Subject: RDA/RPG Build 19.0 to begin Beta Test on or around April 15, 2020

The NWS Radar Operations Center will begin a Beta test of Radar Data Acquisition (RDA)/Radar Product Generator (RPG) Build 19.0 on or around April 15, 2020. Beta test sites will be determined at a later date. Full deployment is expected on or around June 30, 2020.

Changes pertinent to external users are as follows:

1) Baseline of Supplemental Low Elevation Angles
KMAX -0.2 Medford, OR
KGJT -0.2 Grand Junction, CO
KFSX -0.2 Flagstaff, AZ
KMSX -0.2 Missoula, MT
KMTX 0.0 Salt Lake City, UT
KRGX 0.0 Reno, NV
KDLH +0.2 Duluth, MN
KCLX +0.3 Charleston, SC
KCLE +0.4 Cleveland, OH

2) Product 171/STA Dual Pol Storm Total Accumulation (16 data level) will be removed. The alphanumeric data from this product will be moved to Product 172/DSA Dual Pol Digital Storm Total Accumulation (256 data level).

The Public Information Statement proposing this change was issued in December 2018: https://www.weather.gov/media/notice/pdfs/pns18-35wsr_88d_p171termination.pdf
No public comments objecting to the change were received.

3) Volume Coverage Pattern (VCP) 121 will be removed and replaced with VCP 112. Details of VCP 112 are available: https://www.roc.noaa.gov/WSR88D/NewRadarTechnology/NewTechDefault.aspx

4) Addition of a new field to the Archive Level II radial data
stream containing the amount of clutter power removed. In association with this change, Product 34/CFC Clutter Filter Control will be removed and replaced with elevation-based Product 113/PRC Power Removed Control. More details are available in the draft Interface Control Documents.

5) The Level II Differential Reflectivity (ZDR) scale will be expanded to a range of -13 dB to +20 dB.

Draft RDA/RPG Build 19.0 Interface Control Documents (ICDs) are available: https://www.roc.noaa.gov/WSR88D/NewRadarTechnology/NewTechDefault.aspx

Please direct questions to:

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National Public Information Statements are online at: https://www.weather.gov/notification/

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