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PNSWSH

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

To:           Subscribers  
              -NOAA Weather Wire Service  
              -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/notification/pdfs/pns18-35wsr\\_88d\\_p171termination.pdf](https://www.weather.gov/media/notification/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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