

NOUS41 KWBC 081320 AAB
PNSWSH

Service Change Notice 21-37 Updated
National Weather Service Headquarters Silver Spring MD
920 AM EDT Tue Jun 8 2021

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: Updated: WSR-88D RDA/RPG Build 20.0 Beta Test
 Began on May 25, 2021 (Updated Subject Line as
 Test has Begun)

Updated to add Mobile, AL as a WSR-88D RDA/RPG Build 20.0 Beta Test site.

The Radar Operations Center began the Beta Test phase of Radar Data Acquisition (RDA) / Radar Product Generator (RPG) Build 20.0 on May 25, 2021 and it will continue through approximately July 30, 2021.

Changes affecting external users include improved Systematic Differential Reflectivity (ZDR) bias estimates in light rain, improved radial discontinuities in R(A), and an optimized Quantitative Precipitation Estimation (QPE) Rate algorithm.

At (KGJX) Grand Junction, CO, in addition to the lowest elevation angle of -0.2 degrees, KGJX will also test low level angles of 0.0 and +0.2. Only one of the three low level angles (-0.2, 0.0, +0.2) will be available at any given time. The test will continue for approximately one year. During the test period, the KGJX will operate standard Volume Coverage Patterns (VCPs) using a supplemental low elevation angle of -0.2, 0.0, or +0.2 degrees.

Build 20.0 Beta Test sites and tentative start dates are as follows:

KOAX - Omaha, NE
May 25, 2021

PAHG - Kenai, AK
June 7, 2021

KMOB - Mobile, AL
June 14, 2021

KEVX - Eglin AFB, FL
June 14, 2021

KGJX - Grand Junction, CO
June 21, 2021

KCAE - Columbia, SC
June 21, 2021

Full deployment of Build 20.0 is expected to begin in August or early September 2021.

For questions or comments, please contact:

Bill Ward
NWS Radar Focal Point
Radar Operations Center
bill.ward@noaa.gov

National Service Change Notices are online at:

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

NNNN