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Technical Implementation Notice 13-37
National Weather Service Headquarters Washington DC
718 AM EDT Wed Oct 30 2013

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From: Richard J. Vogt
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Subject: WSR-88D Software Build 14 Real-Time Level 2 Test Data
 Will Be Available Between November 18 and
 December 10, 2013

The NEXRAD Program will implement software changes in Weather Surveillance Radar-1988, Doppler (WSR-88D) Radar Data Acquisition/Radar Product Generator (RDA/RPG) Build 14, that may impact data/product users and user systems. Beta testing of Build 14 will begin in February 2014. The software is scheduled for release starting in April 2014. A summary of the Build 14 changes was provided in TIN 13-4.

<http://www.nws.noaa.gov/os/notification/tin13-4build14radar.htm>

Real-time Level 2 data from the Radar Operations Center (ROC) test bed WSR-88D (KCRI) will be available during the Build 14 Operations Test at select periods between November 18 and December 10 2013. You can obtain the data from the NWS Level II Data Collection and Distribution Network Top Tier Sites. Contact information for these Top Tier sites is online at:

http://www.roc.noaa.gov/WSR88D/PublicDocs/Level_II/TopTier_PointsOfContact0513.pdf

Information on when data will be available with Supplemental Adaptive Intra-Volume Low-Level Scan (SAILS) and/or Automated Volume Scan Evaluation and Termination (AVSET) operating is on the ROC website:

http://www.roc.noaa.gov/WSR88D/PublicDocs/NewTechnology/SAILS_data_info.pdf

The following additional tools are available to assist user transition to the Build 14 changes:

1. Draft Build 14 Interface Control Documents (ICDs) describing the new data format and data stream (RPG to Class 1, RDA to RPG, and Product Specification):

<http://www.roc.noaa.gov/WSR88D/NewRadarTechnology/NewTechDefault.aspx>

2. Dates/times of archived test Level 2 data sets, available from NCDC, using the new format and SAILS and/or AVSET:

http://www.roc.noaa.gov/WSR88D/PublicDocs/NewTechnology/SAILS_AVSET_ON-OFF_Times.pdf

3. An early version of Build 14 Software, executable and source code, is available for public use from the NWS Common Operations and Development Environment (CODE):

<http://www.nws.noaa.gov/code88d>

More detailed descriptions of AVSET and SAILS:

<http://www.roc.noaa.gov/WSR88D/NewRadarTechnology/NewTechDefault.aspx>

For questions concerning these changes, please contact:

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National Technical Implementation Notices are online at:

<http://www.weather.gov/os/notif.htm>

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