

NOUS41 KWBC 181435
PNSWSH

Service Change Notice 19-82
National Weather Service Headquarters Silver Spring MD
1035 AM EDT Wed Sep 18 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: Change to TDWR SPG Product Dissemination on or
 around November 19, 2019

On or around November 19, 2019, NWS will change the public dissemination of Supplemental Product Generator (SPG) products, which use Terminal Doppler Weather Radar (TDWR) data.

The SPG products to be terminated are:

1. Product 181 - Base Reflectivity: 16 data level
2. Product 32 - Digital Hybrid Scan Reflectivity
3. Product 78 - Surface Rainfall Accumulation One Hour Running Total
4. Product 80 - Surface Rainfall Accumulation Storm Total
5. Product 81 - Digital Precipitation Array
6. Product 82 - Supplemental Precipitation Data
7. Product 138 - Digital Storm Total Precipitation

The following SPG product will be added:

8. Product 180 - Base Reflectivity: 256 data level

Alternate sources of data include precipitation products from neighboring WSR-88Ds or the MRMS system.

The NWS will begin testing this change at Charlotte, NC - TCLT. If NOAA's Level III product dissemination, ingest and archival systems are shown to be properly functioning and configured as expected, the change will be activated at the remaining 44 sites on December 4, 2019.

Table 1 and 2 contain the WMO headings of the products to be terminated and added.

TABLE 1: WMO HEADINGS OF THE TERMINATED SPG RADAR PRODUCTS

#	TTUSII	CCCC	NNNXXX	SPG	PRODUCT	CODE	AND	DESCRIPTION
1	SDUS5i	Kwfo	TR0xxx	181	REFLECTIVITY	/Z/	-	BASE ELEVATION
2	SDUS2i	Kwfo	TR1xxx	181	REFLECTIVITY	/Z/	-	1.0 DEG. ELEVATION

3 SDUS2i Kwfo TR2xxx 181 REFLECTIVITY /Z/ - THIRD
 4 SDUS3i Kwfo N1Pxxx 78 ONE HOUR PRECIP /OHP/
 5 SDUS5i Kwfo NTPxxx 80 STORM TOTAL PRECIP /STP/
 6 SDUS8i Kwfo DPAxxx 81 DIGITAL PRECIP ARRAY /DPA/
 7 SDUS6i Kwfo SPDxxx 82 SUPPLEMENTAL PRECIPITATION DATA /SPD/
 8 SDUS5i Kwfo DHRxxx 32 DIGITAL HYBRID SCAN REFL /DHR/
 9 SDUS5i Kwfo DSPxxx 138 DIGITAL STORM TOTAL PRECIP /STP/

Where, wfo is the NWS sending site id, and xxx is the SPG TDWR site id. For example, wfo is LWX, BOU, OUN, for xxx BWI, DEN, OKC, respectively.

TABLE 2: WMO HEADINGS ASSIGNED TO NEW SPG RADAR PRODUCTS

TTUSII CCCC NNNXXX SPG PRODUCT CODE AND DESCRIPTION
 1 SDUS5i Kwfo TZ0xxx 180 REFLECTIVITY /Z/ - BASE ELEVATION
 2 SDUS2i Kwfo TZ1xxx 180 REFLECTIVITY /Z/ - 1.0 DEG. ELEVATION
 3 SDUS2i Kwfo TZ2xxx 180 REFLECTIVITY /Z/ - THIRD ELEVATION

Products that are disseminated via RPCCDS are available for FTP download <ftp://tgftp.nws.noaa.gov/SL.us008001/DF.of/DC.radar/>

The directories for the new products are shown in Table 3.

TABLE 3: RPCCDS FTP DIRECTORIES FOR THE NEW TDWR SPG PRODUCTS

DIRECTORY SPG PRODUCT CODE AND DESCRIPTION
 1 /DS.180Z0/ 180 REFLECTIVITY /Z/ - BASE ELEVATION
 2 /DS.180Z1/ 180 REFLECTIVITY /Z/ - 1.0 DEG. ELEVATION
 3 /DS.180Z2/ 180 REFLECTIVITY /Z/ - THIRD ELEVATION

Please direct comments or report impacts from this change to:

Mike Istok
 Radar Operations Center
Michael.Istok@noaa.gov

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

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