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Public Information Statement 21-55
National Weather Service Headquarters Silver Spring MD
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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: Soliciting Comments on a Change to NEXRAD Product
 Dissemination via NOAAPORT/SBN on December 1, 2021

The National Weather Service (NWS), Office of Observations, Radar Operations Center (ROC) is requesting comments through September 9, 2021, regarding the proposed termination and replacement of WSR-88D products disseminated via the NOAAPORT Satellite Broadcast Network (SBN) as described below.

On or around December 1, 2021, the National Weather Service will change the public dissemination of WSR-88D radar products via NOAAPORT/SBN. Table 1 contains the products and WMO Headings the NWS plans to remove from the NOAAPORT/SBN service by changing the II portion of the WMO Heading to 6i. Please note this change will also remove dissemination of the TDWR SPG Echo Tops product from NOAAPORT/SBN since they share the same WMO heading.

Additionally, Table 2 shows Radar products and WMO headings NWS plans to add to the NOAAPORT/SBN service as replacements for the lower resolution versions being removed.

The WMO headings for the higher resolution (super-res) products will use new NNN product identifiers, with the II portion remaining the same as was used with the lower resolution products.

To avoid impacting Radar Product Central Collection Dissemination Service (RPCCDS) users, the current RPCCDS product suite, will not be altered by this change. RPCCDS Radar Level-III products are available via TGFTP.

-- <https://www.weather.gov/tg/rpccds> --
-- <https://tgftp.nws.noaa.gov/SL.us008001/DF.of/DC.radar/>.

The current NOAAPORT/SBN and RPCCDS product suites are posted at

-- https://www.weather.gov/media/tg/noaaport_radar_products.pdf --
-- https://www.weather.gov/media/tg/rpccds_radar_products.pdf.

Products from elevation angles below 0.5 degrees are only available from the 18 WSR-88D radars that include the Base Tilt scan feature.

-- https://www.weather.gov/media/notification/scn20-42base_tilt.pdf.

TABLE 1: RADAR PRODUCTS TO BE REMOVED FROM NOAAPORT/SBN

WMO HEADING	PRODUCT DESCRIPTION
TTAAII NNN	PRODUCT NAME, RESOLUTION, NEXRAD ID, AND ELEVATION ANGLE
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NXUS6i	GSM General Status Message 2/GSM
SDUS7i	NET Echo Tops 4km X 4km 41/ET
SDUS2i	N1S Storm Relative Velocity .54nm X 1deg 16LVL 56/SRM 1.3-1.5DEG
SDUS2i	N2S Storm Relative Velocity .54nm X 1deg 16LVL 56/SRM 2.4-2.5DEG
SDUS3i	N3S Storm Relative Velocity .54nm X 1deg 16LVL 56/SRM 3.1-3.5DEG
SDUS4i	RCM Radar Coded Message 74/RCM
SDUS4i	RSL Archive III Status Product 152/ASP
SDUS8i	DOD Dig. One Hour Difference Accumulation 174/DOD
SDUS8i	DSD Dig. Storm Total Difference Accumulation 175/DSD
SDUS5i	NXQ Base Reflectivity .54nm X 1deg 256LVL 94/DR -0.2DEG
SDUS5i	NYQ Base Reflectivity .54nm X 1deg 256LVL 94/DR 0.0-0.2DEG
SDUS5i	NZQ Base Reflectivity .54nm X 1deg 256LVL 94/DR 0.3-0.4DEG
SDUS5i	N0Q Base Reflectivity .54nm X 1deg 256LVL 94/DR 0.5DEG
SDUS5i	NAQ Base Reflectivity .54nm X 1deg 256LVL 94/DR 0.9DEG
SDUS2i	N1Q Base Reflectivity .54nm X 1deg 256LVL 94/DR 1.3-1.5DEG
SDUS2i	NBQ Base Reflectivity .54nm X 1deg 256LVL 94/DR 1.8DEG
SDUS2i	N2Q Base Reflectivity .54nm X 1deg 256LVL 94/DR 2.4-2.5DEG
SDUS2i	N3Q Base Reflectivity .54nm X 1deg 256LVL 94/DR 3.1-3.5DEG
SDUS5i	NXU Base Velocity .13nm X 1deg 256LVL 99/DV -0.2DEG
SDUS5i	NYU Base Velocity .13nm X 1deg 256LVL 99/DV 0.0-0.2DEG
SDUS5i	NZU Base Velocity .13nm X 1deg 256LVL 99/DV 0.3-0.4DEG
SDUS5i	N0U Base Velocity .13nm X 1deg 256LVL 99/DV 0.5DEG
SDUS5i	NAU Base Velocity .13nm X 1deg 256LVL 99/DV 0.9DEG
SDUS2i	N1U Base Velocity .13nm X 1deg 256LVL 99/DV 1.3-1.5DEG

TABLE 2: RADAR PRODUCTS TO BE ADDED TO NOAAPORT/SBN

WMO HEADING	PRODUCT DESCRIPTION
TTAAII NNN	PRODUCT NAME, RESOLUTION, NEXRAD ID, AND ELEVATION ANGLE
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SDUS5i	NXB Base Reflectivity .13nm X .5deg 256LVL 153/SDR -0.2DEG
SDUS5i	NYB Base Reflectivity .13nm X .5deg 256LVL 153/SDR 0.0-0.2DEG
SDUS5i	NZB Base Reflectivity .13nm X .5deg 256LVL 153/SDR 0.3-0.4DEG
SDUS5i	N0B Base Reflectivity .13nm X .5deg 256LVL 153/SDR 0.5DEG
SDUS5i	NAB Base Reflectivity .13nm X .5deg 256LVL 153/SDR 0.9DEG
SDUS2i	N1B Base Reflectivity .13nm X .5deg 256LVL 153/SDR 1.3-1.5DEG
SDUS2i	NBB Base Reflectivity .13nm X 1deg 256LVL 153/SDR 1.8DEG
SDUS2i	N2B Base Reflectivity .13nm X 1deg 256LVL 153/SDR 2.4-2.5DEG
SDUS2i	N3B Base Reflectivity .13nm X 1deg 256LVL 153/SDR 3.1-3.5DEG
SDUS5i	NXG Base Velocity .13nm X .5deg 256LVL 154/SDV -0.2DEG
SDUS5i	NYG Base Velocity .13nm X .5deg 256LVL 154/SDV 0.0-0.2DEG
SDUS5i	NZG Base Velocity .13nm X .5deg 256LVL 154/SDV 0.3-0.4DEG
SDUS5i	N0G Base Velocity .13nm X .5deg 256LVL 154/SDV 0.5DEG

SDUS5i NAG Base Velocity .13nm X .5deg 256LVL 154/SDV 0.9DEG
SDUS2i N1G Base Velocity .13nm X .5deg 256LVL 154/SDV 1.3-1.5DEG

Please direct comments or questions on this planned change to:

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National Public Information Statements are online at:

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

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