

NOUS41 KWBC 191650  
PNSWSH

Service Change Notice 21-96  
National Weather Service Headquarters Silver Spring MD  
1150 AM EST Fri Nov 19 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:      Change to NEXRAD Product Dissemination via NOAAPort/SBN  
              on or Around February 2, 2022

On or around February 2, 2022, the National Weather Service (NWS) will change the public dissemination of NEXRAD radar products via the NOAAPort Satellite Broadcast Network (SBN). Table 1 contains the WSR-88D products and World Meteorological Organization (WMO) Headings the NWS will remove from the NOAAPort/SBN service by changing the II portion of the WMO Heading to "6i". For example, the heading for NET Echo Tops 4km X 4km 41/ET will be changed from SDUS7i to SDUS6i. The NET Echo Tops and RSL Archive Status products are also disseminated from the TDWR Supplemental Product Generator (SPG). The header change to "6i" will also remove dissemination of those SPG products from NOAAPort/SBN. PNS 21-55 was issued in August 2021 to solicit comments on this change.

Additionally, Table 2 shows WSR-88D radar products and WMO headings that the NWS will 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. Sample products are available at [https://www.roc.noaa.gov/Sample\\_Products/Super\\_Res](https://www.roc.noaa.gov/Sample_Products/Super_Res).

Dissemination will begin from the first site, on or around February 2, 2022. If no issues or impacts are observed or reported after one week, additional sites will be added. Fleet-wide implementation could be completed by February 22, 2022.

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, and from the National Centers for Environmental Information (NCEI) archives.

- <https://www.weather.gov/tg/rpccds>
- <https://tgftp.nws.noaa.gov/SL.us008001/DF.of/DC.radar/>
- <https://www.ncei.noaa.gov/products/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/noaaport_radar_products.pdf)
- [https://www.weather.gov/media/tg/rpccds\\_radar\\_products.pdf](https://www.weather.gov/media/tg/rpccds_radar_products.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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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:

Mike Istok  
Radar Operations Center  
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National Service Change Notices are online at:

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

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