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PNSWSH

Service Change Notice 21-96
National Weather Service Headquarters Silver Spring MD
1150 AM EDT 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 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.

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/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 |
| 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 |
| 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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