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PNSWSH

Service Change Notice 24-54 Updated
National Weather Service Headquarters Silver Spring MD
1200 PM EDT Tue Jul 9 2024

To: Subscribers:
 -NOAA Weather Wire Service (NWWS)
 -Emergency Managers Weather Information Network (EMWIN)
 -NOAAPort
 Other NWS Partners, Users and Employees

From: David Michaud, Director
 NWS Office of Central Processing

Subject: Updated: Change to NOAAPort / Satellite Broadcast Network (SBN)
Channel Alignment: Effective on or about August 5, 2024

Updated to change the implementation date from on or about 1200
Coordinated Universal Time (UTC) July 15, 2024, to on or about 1200 UTC
August 5, 2024, and to add information on a recommended configuration
setting.

The NWS recommends that all users ensure their requests from NOAAPort /
SBN utilize the feed type of ANY rather than specific feed types such as
HDS and NGRID. The implementation date has been delayed to allow users
time to make these changes. After this change, patterns could be
duplicated so users should cross-check and make sure there are no
duplicates.

An example of a request to change is for contiguous U.S. (CONUS) Model
Output Statistics (MOS) products.

Before:

```
NGRID|IDS|DDPLUS ^ (FOUS[1-589].) (....) (..)(..)(..)
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After:

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ANY ^ (FOUS[1-589].) (....) (..)(..)(..)
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The NWS has studied the existing NOAAPort/SBN/NWWS channel alignment,
bandwidth usage, prioritization, and delay times. This study identified
that reorganizing the data on the various channels will improve the
timeliness of distributed products.

The first of three changes to the existing NOAAPort/SBN/NWWS channels is
to migrate all grib, grib2, and bufr formatted data from the NMC channel
to the NMC2 channel.

The following is a list of World Meteorological Organization (WMO) Headers that will move: (Channel: NMC | Priority: 0 | Bandwidth: 20 | Port: 1201 | PID: 101) to (Channel: NMC2 | Priority: 5 | Bandwidth: 30 | Port: 1203 | PID: 103):

^(AT....)^(DT....)^(ES....)^(FT....)^(GT....)^(HH....)
^(HR....)^(HT....)^(HU....)^(HV....)^(IU....)^(JS....)
^(JU....)^(LA....)^(LE....)^(LH....)^(LP....)^(LR....)
^(LT....)^(LU....)^(LV....)^(MA....)^(ME....)^(ME....)
^(MH....)^(MP....)^(MP....)^(MR....)^(OE....)^(PE....)
^(RD....)^(RE....)^(RH....)^(SL....)^(SV....)^(YA....)
^(YB....)^(YC....)^(YD....)^(YE....)^(YF....)^(YG....)
^(YH....)^(YI....)^(YJ....)^(YK....)^(YL....)^(YM....)
^(YN....)^(YO....)^(YP....)^(YQ....)^(YR....)^(YS....)
^(YT....)^(YU....)^(YV....)^(YW....)^(YX....)^(YY....)
^(YZ....)^(ZA....)^(ZB....)^(ZC....)^(ZD....)^(ZE....)
^(ZF....)^(ZG....)^(ZH....)^(ZO....)^(ZP....)^(ZQ....)
^(ZR....)^(ZS....)^(ZT....)^(ZU....)^(ZV....)^(ZW....)
^(ZX....)^(ZY....)^(ZZ....)

This data is expected to move on or about 1200 UTC on or around August 5, 2024. If a Critical Weather Day has been issued, this change will be postponed until 1200 UTC on the next non-Critical Weather Day.

No change is expected to the data feed at the receiver. If no issues are experienced, the configuration will remain in place. If any issues are identified, the changes will be evaluated, and a new implementation date will be determined.

We encourage all NOAAPort/SBN/NWWS users to closely monitor this Service Change Notice (SCN) during the transition period for updated information. If you have any questions or concerns, please contact the focal points below:

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

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