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PNSWSH

Service Change Notice 20-59
National Weather Service Headquarters Silver Spring MD
200 PM EDT Wed Jun 24 2020

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

From: Brian Gross
 Acting Director
 National Center for Environmental Prediction

Subject: Changes to HRRRv3 Smartinit output in support of
 RTMA/URMA upgrade effective July 23, 2020

Effective on or about July 23, 2020, beginning with the 1200 Universal Coordinated Time (UTC) cycle, the National Centers for Environmental Prediction (NCEP) will update the operational High-Resolution Rapid Refresh (HRRR) Version 3 Smartinit. This change supports the upgrade of the Real-Time Mesoscale Analysis (RTMA), the Unrestricted Mesoscale Analysis (URMA) and the RTMA Rapid-Update (RTMA-RU).

This update will include changes to analysis components and product changes, particularly for data on the Satellite Broadcast Network SBN/NOAAPort

Changes to Analysis Components include using new wind downscaling for CONUS and Alaska in the background fields (HRRR Smartinit)

Changes to data on the Satellite Broadcast Network SBN/NOAAPORT affect the following headers, which will change due to the new wind downscaling:

Alaska 10m winds
YUCC98 KWBK
YVCC98 KWBK

CONUS 10m winds
YUCB98 KWBK
YVCB98 KWBK

NCEP urges all users to ensure their decoders can handle changes in content order and volume changes. These elements may change with future NCEP model implementations. NCEP will make every attempt to alert users to these changes before implementation.

Questions, comments or requests regarding this change should be directed to the contacts below. NCEP will evaluate all comments to determine whether to proceed with this update.

For questions regarding these changes, please contact:

Geoff Manikin
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For questions regarding the data flow aspects of these data sets, please contact:

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NWS National Service Change Notices are online at:
<https://www.weather.gov/notification/>

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