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 KWBY
YVCC98 KWBY

CONUS 10m winds
YUCB98 KWBY
YVCB98 KWBY

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:

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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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