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PNSWSH

Service Change Notice 22-31  
National Weather Service Headquarters Silver Spring MD  
510 PM EDT Thu Mar 24 2022

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

From:        Michelle Mainelli  
              Acting Director, NWS Office of Observations

Subject: Metadata Update in Blended Hydro Products Suite on the Satellite Broadcast Network on or about April 26, 2022

On or about April 26, 2022, the polar satellite Blended Hydro Products suite on SBN (Total Precipitable Water (TPW), Percent Normal TPW (PCT), and Rainfall Rate) will undergo a small metadata change for consistency with community data standards. The change is detailed in the announcement from NOAA's Office of Satellite and Product Operations at:

<https://www.ospo.noaa.gov/data/messages/2021/MSG302191403.html>

This change will make these products incompatible with baseline Advanced Weather Interactive Processing System (AWIPS) Environmental Data Exchange System (EDEX) configurations. To ensure that EDEX continues to ingest and handle these products correctly, AWIPS site administrators should install the TOWR-S RPM v22 package of AWIPS configurations, available from the AWIPS Network Control Facility (NCF). The TOWR-S RPM v22 package may be installed immediately, as it supports both the current and the new Blended Hydro products.

The Blended Hydro products will remain on the Satellite Broadcast Network (SBN) NOAAPort\_OPT channel (Port 1204, PID 104) using the following World Meteorological Organization (WMO) headers:

TITX38 KNES - Global Blended Total Precipitable Water  
TICX70 KNES - Global Blended Percent Normal TPW  
TITX39 KNES - Global Blended Rainfall Rate

Scientific details on these data products are available from the NOAA Office of Satellite Product Operations (OSPO):

TPW and PCT: <https://www.ospo.noaa.gov/Products/bTPW/Overview.html>  
Rain Rate: <https://www.ospo.noaa.gov/Products/bRR/Overview.html>

Critical weather or other factors may delay this change.

For questions pertaining to this change, please contact:

NOAA/NWS Office of Observations  
Silver Spring, MD  
Email: [nws-obs-satellites@noaa.gov](mailto:nws-obs-satellites@noaa.gov)

or

AWIPS Network Control Facility (NCF) Help Desk  
NOAA/NWS Office of Central Processing  
Silver Spring, MD  
Phone: 888-808-8624

For questions regarding the content or distribution of the products listed here, please contact:

Environmental Satellite Processing Center (ESPC) Help Desk  
Suitland, MD  
Phone: 301-817-3880  
Email: [espcoperations@noaa.gov](mailto:espcoperations@noaa.gov)

National Service Change Notices are online at:

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

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