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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 

This change will make these products incompatible with baseline AWIPS 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 SBN NOAAPort_OPT channel 
(Port 1204, PID 104) using the following 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 & 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

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

National Service Change Notices are online at:

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

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