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PNSWSH

Public Information Statement 18-09  
National Weather Service Headquarters Silver Spring MD  
1045 AM EDT Tue May 08 2018

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

From:         Joseph A. Pica  
              Director, NWS Office of Observations

Subject:      Science improvements to the Suomi National  
              Polar-orbiting Partnership (S-NPP) Satellite's  
              NUCAPS Atmospheric Soundings products effective  
              May 3, 2018

At 1500 UTC Thursday, May 3, 2018, NOAA's National Environmental Satellite, Data, and Information Service implemented science improvements to the NOAA Unique Combined Atmospheric Processing System (NUCAPS). These soundings are disseminated via the Satellite Broadcast Network (SBN) also known as NOAAPort. NESDIS has issued a "readme" file for users, describing the NUCAPS science changes:

[https://www.star.nesdis.noaa.gov/jpss/documents/Teams/NUCAPS\\_PhaseIV\\_ReadMe.pdf](https://www.star.nesdis.noaa.gov/jpss/documents/Teams/NUCAPS_PhaseIV_ReadMe.pdf)

The NUCAPS soundings on the SBN are WMO recognized products. The WMO Headers for the S-NPP NUCAPS Soundings are:

IUTN0i KNES, where  $i = 1-9$ .

WMO Headers for specific geographic swaths are identified in the NWS Technical Implementation Notice (TIN) 14-03, issued January 23, 2014:

<http://www.nws.noaa.gov/os/notification/list.php>

Later this year, it is anticipated that NUCAPS soundings from the Joint Polar Satellite System-1 (JPSS-1, now referred to as NOAA-20) will be added to the SBN.

Further information about the NUCAPS soundings is available at the following web page:

<https://www.star.nesdis.noaa.gov/jpss/soundings.php>

For questions regarding the scientific or technical content of the NOAAPort-disseminated NUCAPS soundings please contact:

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

National Public Information Statements are online at:

<http://www.weather.gov/os/notif.htm>

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