NOUS41 KWBC 081445
PNSWSH

Public Information Statement 18-09
National Weather Service Headquarters Silver Spring MD
1045 AM EDT Tue May 8 2018

To: Subscribers:
         -NOAA Weather Wire Service
         -Emergency Managers Weather Information Network
         -NOAAPort
         Other NWS Partners, Users and 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 Coordinated Universal Time (UTC) on Thursday, May 3, 2018, NOAA's
National Environmental Satellite, Data and Information Service (NESDIS)
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_ReadM
e.pdf

The NUCAPS soundings on the SBN are World Meteorological Organization
(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:

https://www.weather.gov/media/notification/tins/tin14-03nucaps.pdf

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 webpage:

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

National Public Information Statements are online at:

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

NNNN