

NOUS41 KWBC 231600
PNSWSH

Technical Implementation Notice 14-03
National Weather Service Headquarters Washington DC
1100 AM EST Thu Jan 23 2014

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

From: Tim McClung
 Chief, Science Plans Branch
 Office of Science and Technology

Subject: Add S-NPP Soundings to NOAAPort: Effective April 15, 2014

On or about April 15, 2014, beginning at approximately 1500 Coordinated Universal Time (UTC), atmospheric sounding profiles from the NOAA Unique CrIS-ATMS Processing System (NUCAPS) algorithm will be broadcast across the NOAAPort Satellite Broadcast Network (SBN). These products are based on the Cross Track Infrared Sounder (CrIS) and Advanced Microwave Sounder (ATMS) instruments on the Suomi-National Polar-Orbiting Partnership (S-NPP) satellite. These sounding products will be provided by the NOAA National Environmental Satellite, Data, and Information Service (NESDIS) NPP Data Exploitation (NDE) system.

The NUCAPS soundings will be transmitted across the NWS Telecommunications Gateway (NWSTG) (NMC) channel of the NOAAPort SBN. The NUCAPS soundings will cover the following latitude-longitude boxes (there are two geographical boxes for areas 6 and 9):

IUTN01 KNES - 35S <= latitude < 37N, 35W <= longitude <= 90W
IUTN02 KNES - 37N <= latitude <= 75N, 35W <= longitude <= 90W
IUTN03 KNES - 35S <= latitude < 37N, 90W < longitude <= 109W
IUTN04 KNES - 37N <= latitude <= 75N, 90W < longitude <= 109W
IUTN05 KNES - 35S <= latitude < 42N, 109W < longitude <= 140W
IUTN06 KNES - 42N <= latitude <= 75N, 109W < longitude <= 128W, and 42N <= latitude < 52N, 128W < longitude <= 140W
IUTN07 KNES - 35S <= latitude < 50N, 140W < longitude <= 180
IUTN08 KNES - 35S <= latitude < 50N, 180 < longitude <= 130E
IUTN09 KNES - 52N <= latitude <= 75N, 128W < longitude <= 140W, and 50N <= latitude <= 75N, 140W < longitude <= 130E

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

ESPC Help Desk
Suitland, MD
Phone: 301-817-3880
Email: espcoperations@noaa.gov

For questions regarding the NOAAPort activation or distribution of these products, please contact:

Brian Gockel
NOAA/NWS Office of Science and Technology
Phone: 301-713-0304, x 158
Email: brian.gockel@noaa.gov

National Technical Implementation Notices are online at:

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

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