

NOUS41 KWBC 051530
PNSWSH

Service Change Notice 18-69
National Weather Service Headquarters Silver Spring MD
1130 AM EDT Thu Jul 5 2018

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

From: Joseph Pica
 Director, NWS Office of Observations

Subject: Add JASON-3 Satellite Marine Altimetry Products to the Satellite Broadcast Network (SBN or NOAAPort): Effective July 17, 2018

Effective on or after 1500 Coordinated Universal Time (UTC) Tuesday, July 17, 2018, JASON-3 satellite marine altimetry products will be added to the Satellite Broadcast Network (SBN), also known as NOAAPort.

The NWS will send the Jason Operational Geophysical Data Record (OGDR) Level 2 altimetry products, with more details provided through the NOAA National Ocean Data Center at:

<https://www.nodc.noaa.gov/SatelliteData/jason/>

These products are being added on an experimental basis, though it is anticipated that the two altimetry products listed below will transition to operations and continue dissemination via the SBN.

The first 11 characters of the JASON-3 World Meteorological Organization (WMO) header are as follows:

JASON Product	WMO Header
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Wave Altimetry	TIQB00 KNES

In the WMO header, KNES signifies that NOAA/National Environmental Satellite Data and Information Service (NESDIS) originates the products.

The geographical coverage for these products consists of global swaths with approximately 12-13 full polar orbits per day. The horizontal resolution of these products is approximately 7 km.

Advanced Weather Interactive Processing System (AWIPS) field systems will decode and display two specific JASON-3 altimetry products, both delivered under the same WMO Header: significant wave height and sea surface height anomaly. Approximate hourly product counts and hourly volumes for the new product additions are as follows:

JASON Product -----	Daily Count -----	Daily(Hourly) Volume -----
Significant Wave Height	13/day	78(3.3) Mbytes
Sea Surface Height Anomaly	13/day	78(3.3) Mbytes

Product counts and volumes could vary somewhat due to file-compression variability and other factors. The file format for these products is netCDF4.

These products will be added to the SBN's experimental channel (product identifier (PID) 106). Fields other than the significant wave height and sea surface height anomaly, both near North America, are likely to be disseminated on the SBN only a temporary basis for evaluation.

Critical weather or other factors could delay the activation of these products on the SBN.

For questions pertaining to this change, please contact:

Brian Gockel
NOAA/NWS Office of Observations
Silver Spring, MD
Email: brian.gockel@noaa.gov

and

AWIPS Network Control Facility (NCF) Help Desk
NOAA/NWS Office of Central Processing
Silver Spring, MD
Phone: 301-713-9344
Email: nws.ncf.supervisors@noaa.gov

For questions regarding the scientific or technical content of the NOAAPort-disseminated JASON products, 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/archive>

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