

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 and NWS 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 15 UTC Tuesday, July 17, 2018, Jason-3 satellite  
marine altimetry products will be added to the 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 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/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.

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
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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 (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:

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Silver Spring, MD 20910  
Email: [Brian.Gockel@noaa.gov](mailto:Brian.Gockel@noaa.gov)

and

AWIPS Network Control Facility (NCF) Help Desk  
NOAA/NWS Office of Central Processing  
Silver Spring, MD 20910  
Phone: 301-713-9344  
Email: [nws.ncf.supervisors@noaa.gov](mailto: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, Maryland 20746  
Phone: 301-817-3880  
Email: [ESPCOperations@noaa.gov](mailto:ESPCOperations@noaa.gov)

National Service Change Notices are online at:

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

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