

NOUS41 KWBC 131410
PNSWSH

Service Change Notice 20-22
National Weather Service Headquarters Silver Spring MD
910 AM EST Thu Feb 13 2020

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

From: Thomas Cuff
 Director, NWS Office of Observations

Subject: Add (GOES-West) CONUS Sector Derived Motion Winds Product and Channel Reassignments for Other Satellite Products on SBN/NOAAPort: Effective March 10, 2020

Effective on or after 1600 Coordinated Universal Time (UTC) March 10, 2020, one Geostationary Operational Environmental Satellite (GOES)-17 (GOES-West) Level 2 Derived product addition and two satellite product channel changes will take place on the Satellite Broadcast Network (SBN or NOAAPort). The SBN product addition and changes are described in the numbered paragraphs below.

1. The GOES-17 (GOES-West) West contiguous U.S. (CONUS) sector Derived Motion Winds (DMW) Level 2 derived product will be added to the SBN. This product is based upon data from the GOES-17 Advanced Baseline Imager (ABI).

The GOES-17 (GOES-West) DMW Level 2 product has been partially validated, and validation efforts and product improvements are expected to continue.

The first 11 characters of the DMW World Meteorological Organization (WMO) header and its geographical region of coverage are as follows:

GOES-17 Product	WMO Header	Region
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Derived Motion Winds	IXTU89 KNES	West CONUS

Notes on table above:

- Region refers to the Pacific-U.S. GOES-17 geographical sector.
- KNES signifies that NOAA/National Environmental Satellite, Data and Information Service (NESDIS) originated the products.

The approximate hourly product count and volume for the new GOES-17 level 2 derived product are as follows:

GOES-17 Product	File Type	Hourly Count	Hourly Volume
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Derived Motion Winds	netCDF4	24/hour	100MB/hour

Product count and volumes may vary due to ABI mode changes, diurnal variations, file-compression variability, and other factors. The SBN's GOES-West (GRW) channel (PID 107) will be used to disseminate this GOES-17 Level 2 derived product.

2. The GOES-16 (GOES-East) DMW level 2 derived product will be relocated from the SBN's Experimental (EXP) channel (PID 106) to the GOES-East (GRE) channel (PID 108) on or after March 10, 2020.

GOES-16 (GOES-East) Derived Motion Winds have been provided over the SBN since June 14, 2017, as described in Service Change Notice (SCN) 17-73:

https://www.weather.gov/media/notification/pdfs/scn17-73goesr-l_2.pdf

3. The Jason-3 satellite marine altimetry product will be relocated from the SBN's Experimental (EXP) channel (PID 106) to the NMC3 (Polar) channel (PID 105) on or after March 10, 2020.

Jason-3 satellite marine altimetry has been provided over the SBN since July 17, 2018, as described in SCN 18-69:

https://www.weather.gov/media/notification/pdfs/scn18-69sbn_goes.pdf

Critical weather or other factors may delay the activation and updates of these products on the SBN.

For questions pertaining to these changes, 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

For questions regarding the content or distribution of the NOAAPort-disseminated satellite 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/>

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