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PNSWSH

Service Change Notice 20-08
National Weather Service Headquarters Silver Spring, MD
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To: Subscribers:
-NOAA Weather Wire Service
-Emergency Managers Weather Information Network
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From: Thomas Cuff
Director, NWS Office of Observations

Subject: Changes to Satellite Broadcast Network (SBN or NOAAPort) Products Associated with the End of GOES-15 Tandem Supplemental Operations on January 31, 2020

Effective on or after 1600 UTC January 31, 2020, there will be changes to the suite of Geostationary Operational Environmental Satellite (GOES) products on the SBN. These changes are associated with the end of GOES-15 tandem supplemental operations. On or after January 31, 2020, the GOES-15 spacecraft will be placed in standby and continue to reside at 128 degrees west with the Imager, Sounder and other instruments in non-operational modes. This transition involves the deactivation of GOES-15 products detailed in this bulletin.

GOES-17 and GOES-15 have operated in tandem from their respective locations of 137.2 degrees west and 128 degrees west. GOES-17 was declared GOES-West the week of Feb. 11, 2019, as described in SCN 19-04:
https://www.weather.gov/media/notification/scn19-04goes transition.pdf

With the placement of GOES-15 (the legacy GOES West satellite) in standby mode on or after January 31, 2020, products will be deactivated from the SBN (or otherwise modified in the case of composites) as described in the bullets below.

1. Dissemination of GOES-15 (legacy West Satellite) GOES Ingest NOAAPort Interface (GINI) format imagery will cease on the SBN legacy-GOES channel (PID 102). The affected headers are:

TIGWii KNES – West CONUS Sector, where ii = 01, 02, 04, 05, 06
TIGAii KNES - Alaska Regional Polar Stereo, where ii = 01, 02, 04, 05, 06
TIGBii KNES - Alaska National Polar Stereo, where ii = 01, 02, 05
TIGHii KNES - Hawaii Regional Mercator, where ii = 01, 02, 04, 05, 06
TIGIii KNES - Hawaii National Mercator, where ii = 01, 02 and 05

where ii corresponds to legacy imager channel, between the ii and KNES is a space, and KNES signifies that NESDIS is the creating data center. The GOES-17 ABI SCMI products, described in SCN 18-106 below, are replacements for these products.
https://www.weather.gov/media/notification/pdfs/scn18-106goes-17.pdf

2. Dissemination of the following GOES-15 (legacy West satellite) satellite imagery composites will cease:

TIGNii KNES - Supernational Two-GOES Composites,
where ii = 01, 02 and 05
TIGFii KNES - Northern Hemisphere Two-GOES Composites,
where ii = 01, 02 and 05 and where ii corresponds to imager channel, between the ii and KNES is a space, and KNES signifies that NESDIS is the creating data center.

3. Inclusion of GOES-15 (legacy West satellite) in the following multi-satellite imagery composites will cease:

TICFii KNES - Multi-satellite Composites,
where ii = 01, 03 and 04 and where ii corresponds to imager channel, between the ii and KNES is a space, and KNES signifies that NESDIS is the creating data center.

4. Dissemination of GOES-15 (legacy West satellite) visible, infrared, and water vapor sounder imagery will cease on the SBN's legacy-GOES channel. Affected headers include:

TIGWii KNES - West CONUS Sector, where ii = 43, 48, 50, 51, 52, 55, 57, 59
TIGIii KNES - Hawaii National, where ii = 43, 48, 50, 51, 52, 55, 57, 59
where ii corresponds to an offset plus the sounder channel number, between the ii and KNES is a space, and KNES signifies that NESDIS is the creating data center.

5. Dissemination of GOES-15 (legacy West satellite) derived products will cease on the SBN's legacy-GOES channel. Affected headers include:

TIGNii KNES - Supernational sector, where ii=16 (Lifted Index), 17 (Total Precipitable Water), 18 (Skin Temperature), 27 (Cloud Top Height), 28 (Cloud Amount)
TICW40 KNES - GOES-West Low Cloud Base
where between the ii and KNES is a space, and KNES signifies that NESDIS is the creating data center.

6. Dissemination of GOES-15 High-Density Winds will cease on the SBN's NMC/NWSTG channel (PID 101). Potentially affected headers include:
JCCXii KNES
JGCXii KNES
JJCXii KNES
JMCXii KNES
JPCXii KNES
JRCXii KNES

where ii = 21, 31, 41, 51, 61, 71, 81 and 91. GOES-17 winds may be added to the SBN at a later time (if so, an SCN will publicize this in advance).

7. Transmission of GOES-15 derived Automated Surface Observing System (ASOS) Satellite Cloud Products (SCPs) will cease. The following SCP products will cease:
WMO ID AWIPS ID

TCUS41 KNES*	SCPCR1
TCUS42 KNES*	SCPSR1
TCUS43 KNES*	SCPWR1
TCUS51 KNES*	SCPCR2
TCUS52 KNES*	SCPSR2
TCUS53 KNES*	SCPWR2
TCUS54 KNES	SCPPR2
TCUS62 KNES*	SCPSR3

Since January 2018, the GOES-15 Imager has provided a subset of ASOS SCP coverage in locations previously generated by GOES-13. Those headers are denoted with asterisks (*) in the listing, above. More details on the most recent SBN changes to ASOS SCP can be found in SCN 17-127:
https://www.weather.gov/media/notification/pdfs/scn17-127goes_cloud.pdf

The loss of ASOS SCP product coverage will continue until GOES-16 and GOES-17 SCP products reach a level of maturity such that they can once again be disseminated on an operational basis. Future SCNs will describe the GOES-16 and GOES-17 SCP activations.

More details regarding the latest information on the transition from GOES-15 to GOES-17 GOES-West operations are provided in the Office of Satellite and Product Operations (OSPO) webpage:
https://www.ospo.noaa.gov/Operations/GOES/16/transition.html

Critical weather or other factors may delay the phase-out of these products from the SBN. In the event that GOES-14 or GOES-15 is called into operational service at a later date, imagery and products from those satellites may again be transmitted using these headers.

For questions pertaining to these changes, please contact:

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and

AWIPS Network Control Facility (NCF) Help Desk
NOAA/NWS Office of Central Processing
Silver Spring, MD 20910
Phone: 301-713-9344

For questions regarding the content or distribution of the NOAAPORT-disseminated GOES-15 products please contact:

Environmental Satellite Processing Center (ESPC) Help Desk
Suitland, Maryland 20746
Phone: 301-817-3880
Email: ESPCOperations@noaa.gov

National Service Change Notices are online at:
https://www.weather.gov/notification

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