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Service Change Notice 22-72
National Weather Service Headquarters Silver Spring MD
430 PM EDT Tue Aug 2 2022

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From: Ajay Mehta
 Director, NWS Office of Observations

Subject: Global Coverage of MetOp-B ASCAT Winds on the Satellite
Broadcast Network: Beginning on or After September 7, 2022

On or after September 7, 2022, full global coverage of ocean surface winds data from the Advanced Scatterometer (ASCAT) aboard the Metop-B satellite will become available via the NWS Satellite Broadcast Network (SBN) (NMC channel / Port 1201, PID 101).

ASCAT winds data have been available on SBN since November 2008, for the nine geographic areas defined in NWS [Technical Implementation Notice \(TIN\) # 08-68](#), with latitudes between 35S and 75N and longitudes between 130E and 35W (crossing the dateline).

This change will add coverage for a 10th area, encompassing everywhere outside of these nine areas. Adding this 10th area will result in global Metop-B ASCAT winds.

This 10th area includes the North and South Atlantic Oceans east of 35W; the Indian Ocean, the North and South Pacific Oceans west of 130E, the polar region north of 75N and all points south of 35S.

Data over this 10th area will be identified by a new World Meteorological Organization (WMO) header:

JSYY10 KNES

Metop-B ASCAT winds for the nine current areas are identified by the following nine WMO headers: JSYY0[1-9] KNES. Sites wishing to receive ASCAT winds for the 10th area will need to accept the new WMO header above in their SBN feed.

In all, global ASCAT winds from Metop-B for all 10 areas will amount to 0.024 GB/day on the SBN (i.e., 1 MB/hr, 0.002 Mbps; roughly twice the volume of ASCAT winds for Areas 1-9).

Additional details about ASCAT Winds are available from NOAA (<https://www.ospo.noaa.gov/Products/atmosphere/ascat/>) and EUMETSAT (<https://www.eumetsat.int/ascat/>).

Critical weather or other factors may delay this change.

For questions pertaining to this change, please contact:

NOAA/NWS Office of Observations
Silver Spring, MD
Email: nws-obs-satellites@noaa.gov

or

AWIPS Network Control Facility (NCF) Help Desk
NOAA/NWS Office of Central Processing
Silver Spring, MD
Phone: 888-808-8624

For questions regarding the content or distribution of the products listed here, please contact:

Environmental Satellite Processing Center (ESPC) Help Desk
Suitland, MD
Phone: 301-817-3880
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National Service Change Notices are online at:

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

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