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Service Change Notice 20-49A
National Weather Service Headquarters Silver Spring MD
1120 AM EDT Fri May 1 2020

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

From: Ben Kyger
 Director, NCEP Central Operations

Subject: Outage of Some NWS Products to the SBN/NOAAPort Due to Planned
Network Upgrade: Effective May 5, 2020

On or about May 5, 2020, NWS/National Centers for Environmental Prediction (NCEP)/NCEP Central Operations (NCO) will be migrating internet bound traffic for Advanced Weather Interactive Processing System (AWIPS) systems from devices in offices at Silver Spring, MD, to devices in College Park, MD. The network traffic migration will cause an outage of two and a half (2.5) hours from 1200z to 1430z. Some NWS products and data will be unavailable via NOAAPort during the outage. In the event of Critical Weather Day (CWD), this migration will be postponed.

During the maintenance window, the following impacts are expected:

Watches, Warnings, Advisories (WWAs) and other select NWS products will not be available via:

- The World Meteorological Organization (WMO) Global Telecommunication System (GTS).
- tgftp.nws.noaa.gov
- api.weather.gov
- idpgis.ncep.noaa.gov
- The NowCoast and eMail Data Input System (EDIS) applications.

No tsunami Watches/Warnings/Advisories will be transmitted during the outage.

NOAAPort/Satellite Broadcast Network (SBN) users will not receive the following datasets during the outage:

- Surface observation data from the Federal Aviation Administration's (FAA's) Weather Message Switching Center Replacement (WMSCR)
- NCEP Meteorological Assimilation Data Ingest System (MADIS) data
- Multi-Radar/Multi-Sensor System (MRMS) data
- Hydrometeorological Automated Data System (HADS) data.
- NCEP models that run during the outage window (most, if not all model data will be sent at the end of the outage window)
- NOAA20 sounding products (Legacy post processed satellite data)
- Lightning data

- Buoy products
- METAR data (i.e. Canadian, FAA, military)
- GTS-sourced data from international partners
- Terminal Area Forecast (TAF) data

The intention is to queue up the data during the 2.5-hour window and send it at the end of the outage, but due to space restrictions, not all data may be backfilled.

Requests for forecasts via the SPOT application will be delayed during the maintenance window.

Some products available via the NWS Telecommunications Gateway (NWSTG), particularly on tgftp.nws.noaa.gov, will be unavailable during the outage, including but not limited to:

- National Digital Forecast Database (NDFD) products
- Radar level 3 (NEXRAD3)
- Upper air products
- Observations (METARs, SPECIs, Marine, etc.)

Again, the intention is to queue up the data during the 2.5-hour window and send it at the end of the outage, but due to space restrictions, not all data may be backfilled.

In addition, the 13Z through 15Z Real-Time Mesoscale Analysis (RTMA) and associated precipitation analysis products will likely experience some degradation due to expected missing input data during the outage.

For questions regarding this migration and the detailed impacts above, please contact:

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National Service Change Notices are online at:

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

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