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Service Change Notice 24-32 Updated
National Weather Service Headquarters Silver Spring MD
1230 PM EDT Mon Apr 1 2024

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: Updated: Transition of NOAA Weather Wire Service Open Interface (NWWS-OI) to New Infrastructure: Effective April 23, 2024

Updated to include technical information to resolve connectivity issues for users to the new platform.

On or about April 23, 2024, at 1400 Coordinated Universal Time (UTC), the NOAA Weather Wire Service Open Interface (NWWS-OI) will be transitioned to a new hardware platform on the Integrated Dissemination Program (IDP). In the event of a Critical Weather Day (CWD) or an Enhanced Caution Event (ECE), the changes will occur after the event expires. Details on critical weather can be found at:

<https://www.nco.ncep.noaa.gov/status/cwd/>

There are no functional changes to the services provided or top-level application domain name (nwws-oi.weather.gov). Currently, port 5223 is the port in use for NWWS-OI. During this transition, the service is being moved to port 5222. Users who are specifically allowing connections on port 5223 to IPs currently associated with the domain name will need to make a network and connection update to continue using the service. After the go-live date, nwws-oi.weather.gov will resolve to either nwws-oi-bldr.weather.gov or nwws-oi-cprk.weather.gov. If users need more information about proper network configuration, please use the contact below.

During the 6-hour test conducted on March 26th, many users were disconnected. With the migration of NWWS-OI to IDP, we are enforcing connections to be Transport Layer Security version 1.2 (TLSv1.2) or higher. As a result, users are advised that if you were unable to connect on March 26th, please update your client applications to newer versions in order to continue to use the service. Additionally, anyone using the NWWS- OI End-User Client listed at <https://weather.gov/nwws> will need to migrate to using a new client. The NWS support for this application has ceased and this client will not work when NWWS-OI is moved to IDP permanently.

Alternatives can be found from the NWS website under the Access Information section.

For technical questions regarding this notification, please contact:

Joshua Huber
Onboarding Team Lead
NCEP Central Operations
mdp-support@noaa.gov

For Questions about the operational support of NWS-OI, please contact:

NCEP Central Operations
Operational Monitoring Branch Tech Control
nco.ops@noaa.gov

General NWS description and user setup information are online at:

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

For feedback about the functionality of NWS-OI, please contact nws.help@noaa.gov.

National Service Change Notices are online at:

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

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