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Service Change Notice 20-61 Updated
National Weather Service Headquarters Silver Spring MD
210 PM EDT Fri Jul 24 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: Updated: Enforce TLS 1.2 or Higher on Several NWS
Websites: Effective January 12, 2021

Updated the implementation date from July 27, 2020, to January 12, 2021 to allow 6 months of lead-time for users to make changes. Please see additional details below on the impacts to command-line software retrieval packages.

Effective on or about January 12, 2021, beginning at 1400 Coordinated Universal Time (UTC), the National Centers for Environmental Prediction (NCEP) Central Operations (NCO) will enforce Transport Layer Security (TLS) 1.2 or higher connections to the websites listed below.

The following websites will be affected:

weather.gov*
airquality.weather.gov
alerts.weather.gov
api.weather.gov
aviationweather.gov*
digital.weather.gov
forecast.weather.gov
graphical.weather.gov
marine.weather.gov
mobile.weather.gov
preview.weather.gov
preview-api.weather.gov
radar.weather.gov
water.weather.gov
fl.weather.gov

w1.weather.gov
w2.weather.gov

www.nws.noaa.gov
nowcoast.noaa.gov
new.nowcoast.noaa.gov
ssd.wrh.noaa.gov
www.wrh.noaa.gov
wwwx.wrh.noaa.gov

idpgis.ncep.noaa.gov

tsunami.gov*

Where "*" also includes "www".

Any browsers or services that do not support TLS 1.2 or greater and access these sites will need to begin support of TLS 1.2 or greater to avoid service interruption.

Users who are using a command-line software package for retrieving files over https must ensure their version supports TLS1.2. Some packages (i.e., GNU Wget, cURL) do not support TLS1.2 in all versions, and users may need to upgrade to a newer software package. To test any changes, we will provide a website that is only allowing TLS1.2 and higher:

preview.weather.gov

Please begin testing this URL after July 31, 2020.

If you have any questions or concerns about the data or services, please contact:

IDP Onboarding Team
NCEP Central Operations
idp-support@noaa.gov
or
Carissa Klemmer, Chief
NCO Implementation and Data Services Branch
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National Service Change Notices are online at:
<https://www.weather.gov/notification/>

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