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 six 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
f1.weather.gov
w1.weather.gov
w2.weather.gov
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www.nws.noaa.gov
nowcoast.noaa.gov
new.nowcoast.noaa.gov
ssd.wrh.noaa.gov
www.wrh.noaa.gov
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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