

NOUS41 KWBC 271945
PNSWSH

Service Change Notice 25-09
National Weather Service Headquarters Silver Spring MD
245 PM EST Mon Jan 27 2025

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

From: Dave Michaud, Director
 NCEP Central Operations

Subject: Enforce TLS 1.2 or Higher on NCEP Hosted Sites: Effective July 8, 2025

Effective on or about July 8, 2025, beginning at 1400 Coordinated Universal Time (UTC), the National Centers for Environmental Prediction (NCEP) Central Operations (NCO) will be updating and improving the configuration for the secure protocols used on NCO hosted websites and applications. These websites will no longer support less secure Transport Layer Security (TLS) protocols and associated cipher suites below TLS 1.2. This will provide a more secure browsing experience and will bring us closer in line with National Institute of Standards and Technology (NIST) Special Publication (SP) 800-52 Rev. 2 guidance.

In the event that the implementation date is declared a Critical Weather Day (CWD), or significant weather is occurring or is anticipated to occur, implementation of this change will occur at 1200 UTC on the next weekday not declared a CWD and when no significant weather is occurring.

The changes affect the Domain Names listed below (and the Canonical Name, or C-Name, not listed) for the following websites:

cfs.ncep.noaa.gov
dengueforecasting.noaa.gov
ftp.emc.ncep.noaa.gov
ftpprd.ncep.noaa.gov
hysplit.ncep.noaa.gov
madis-data.ncep.noaa.gov
mag.ncep.noaa.gov
mageval.ncep.noaa.gov
magpara.ncep.noaa.gov
mrms.ncep.noaa.gov
polar.ncep.noaa.gov
radar2pub.ncep.noaa.gov
radar3pub.ncep.noaa.gov
rsmc.ncep.noaa.gov
tgftp.ncep.noaa.gov
www.cpc.ncep.noaa.gov
www.cpcpara.ncep.noaa.gov

www.emc.ncep.noaa.gov
www.ftp.cpc.ncep.noaa.gov
www.ftp.nco.ncep.noaa.gov
www.ftp.nhc.ncep.noaa.gov
www.ftp.opc.ncep.noaa.gov
www.ftp.wpc.ncep.noaa.gov
www.ftp.ncep.noaa.gov
www.nco.ncep.noaa.gov
www.ndsc.ncep.noaa.gov
www.opah.ncep.noaa.gov

Any browsers or services that make use of NCO web services and do not support TLS 1.2 or greater will need to make modifications in order to avoid service interruption. For example, only Wget-1.14 and later support higher TLS versions.

We will evaluate any feedback and decide whether to proceed. If you have any questions or concerns about the data or services affected by this change, please contact:

Security Team
NCEP Central Operations
Scott Tieperman, ISSO
NCO Network and Security Branch
ncep.list.security@noaa.gov

National Service Change Notices are online at:

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

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