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PNSWSH

Service Change Notice 22-52
National Weather Service Headquarters Silver Spring MD
130 PM EDT Wed Jun 8 2022

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: Enforce TLS 1.1 or Higher on NCEP Hosted Sites: Effective August 22, 2022

Effective on or about August 22, 2022, 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 1.1. This will provide a more secure browsing experience and will bring us closer in line with the 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 following HTTPS websites/applications will be affected:

amdar.ncep.noaa.gov
cfs.ncep.noaa.gov
dbutil-partner.ncep.noaa.gov
ftp.emc.ncep.noaa.gov
ftp.ncep.noaa.gov
ftpprd.ncep.noaa.gov
gisc-washington.ncep.noaa.gov
hads.ncep.noaa.gov
hysplit.ncep.noaa.gov
idpgis.ncep.noaa.gov
madis-data.ncep.noaa.gov
madis.ncep.noaa.gov
mageval.ncep.noaa.gov
magpara.ncep.noaa.gov
mrms.ncep.noaa.gov
nomads.ncep.noaa.gov
nowcoast.ncep.noaa.gov
ocean.weather.gov

para.nco.ncep.noaa.gov
para.nomads.ncep.noaa.gov
para-nomads-cprk.ncep.noaa.gov
radar2pub.ncep.noaa.gov
radar3pub.ncep.noaa.gov
rsmc.ncep.noaa.gov
tgftp.ncep.noaa.gov
tsunami-cp.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.lib.ncep.noaa.gov
www.ncep.noaa.gov
www.nco.ncep.noaa.gov
www.ndsc.ncep.noaa.gov
www.opah.ncep.noaa.gov
www.vwt.ncep.noaa.gov
www.wpc.ncep.noaa.gov

Any browsers or services that make use of NCO web services and do not support TLS 1.1 or greater will need to make modifications in order to avoid service interruption. Wget 1.12 and later have been tested successfully with these 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
ncep.list.security@noaa.gov

or

Joseph Fiscus, Chief
NCO Network and Security Branch
joseph.fiscus@noaa.gov

National Service Change Notices are online at:

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

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