

NOUS41 KWBC 081730  
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](mailto:ncep.list.security@noaa.gov)

or

Joseph Fiscus, Chief  
NCO Network and Security Branch  
[joseph.fiscus@noaa.gov](mailto:joseph.fiscus@noaa.gov)

National Service Change Notices are online at:

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

NNNN