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SCNWSH

Service Change Notice 18-100
National Weather Service Headquarters Silver Spring MD
700 AM EST Thu Dec 6 2018

To: Subscribers:
 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
 -NOAAPORT
 Other NWS partners and employees

From: Doug Fenderson, Chief
 NCEP Central Operations, Infrastructure and Web
 Services Branch

Subject: Updated: URLs for the NOAA NCEP websites will be
 redirected to HTTPS Effective: Immediately through
 December 31, 2018

Updated below to include a link to all URLs and scheduled dates
of transition.

Starting immediately through December 31, 2018, National Center
for Environmental Prediction (NCEP) Central Operations (NCO)
will be implementing secure HTTPS protocols. These changes will
include:

- Enabling HTTPS for sites that were previously HTTP-only
- Redirecting HTTP traffic for all sites
- Redirecting HTTPS handshakes to Cipher suites that are
secure
- Enabling a configuration that marks the affected sites for
HTTPS Strict Transport Security (HSTS)
- Making changes to create unique IP addresses so that HTTPS
can be enforced, to include impacts to ftp sites
- Making changes to create site specific DNS names so that
HTTPS certificates are valid

The following domains, and all websites under them, will only be
accessible at https:

- X.ncep.noaa.gov
- Where X is defined as, but not limited to: opc, wpc, cpc, nhc,
nomads, ftp, mrms, madis, and mag
 - X.weather.gov

Where X is multiple sites nested under the domain weather.gov.
If you have specific questions on a site please email the
contacts below.

- tgftp.nws.noaa.gov
 - X.noaa.gov
- Where X is defined as, but not limited to: airquality.weather
and water.weather

To find a complete list of all URLs and a transition date for

each site, please see the URL below:

https://www.nco.ncep.noaa.gov/pmb/changes/URL_http_https.shtml

NCEP will be giving users 1 week of an overlap period to test any transitions from HTTP to HTTPS. Beginning by December 6, 2018 all HTTPS URLs will be available along side HTTP. Starting as early as December 11, 2018 NCEP will begin to redirect HTTP URLs to HTTPS and disable HTTP access.

There are no changes to ftp services also offered through those domains. The exception to this is that some ftp IP addresses have needed to be changed in order to support this project. The ftp URLs are not changing, but users with firewall rules may need to update them to include new IPs.

This change is following the Homeland Security Binding Operational Directive, BOD-18-01.

For more information and questions about impacted Websites, please contact both:

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National Service Change Notices are online at:

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

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