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Service Change Notice 18-100
National Weather Service Headquarters Silver Spring MD
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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: February 4, 2019

Updated to modify the effective date from January 15, 2019, to
February 4, 2019 due to the government shutdown. Added
information about restricting site specific URLs.

Starting February 4, 2019 through February 6, 2019, 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.

All users should be using the top level Domain Name Service (DNS) URL to access our websites. A full list of those URLs can be found in the link above. If you are using an 'origin' or site specific (IE 'bldr' or 'cprk') URL you must switch to using the top DNS within 1 week of the completed migration to HTTPS. After 1 week NCEP will begin blocking direct access to any site specific URLs.

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

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

Doug Fenderson

NCO/Information and Web Services Branch

College Park, MD

doug.fenderson@noaa.gov

Carissa Klemmer
NCO/Implementation and Data Services Branch
College Park, MD
carissa.l.klemmer@noaa.gov

National Service Change Notices are online at:

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

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