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Service Change Notice 18-100 Updated  
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, Users 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 Centers 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](https://www.nco.ncep.noaa.gov/pmb/changes/URL_http_https.shtml)

NCEP will be giving users one week of an overlap period to test any transitions from HTTP to HTTPS. Beginning by December 6, 2018, all HTTPS URLs will be available alongside 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 (i.e., 'bldr' or 'cprk') URL, you must switch to using the top DNS within one week of the completed migration to HTTPS. After one 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:

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National Service Change Notices are online at:

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

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