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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](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 (IE 'bldr' or 'cprk') URL, you must switch to using the top DNS within 1 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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