Service Change Notice 24-44 Updated
National Weather Service Headquarters Silver Spring MD
1200 PM EDT Wed May 15 2024

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: Updated: Migrate NWS weather.gov Website to New Infrastructure and Decommission Websites/URLs, Effective June 4, 2024

Updated to include language on a multi-hour pre-implementation test and correcting a typo in the IDP feedback email address.

On or about June 4, 2024, at 1430 UTC, the National Centers for Environmental Prediction (NCEP) Central Operations (NCO) will migrate the National Weather Services (NWS) Website, https://weather.gov/, including all Weather Forecast Offices (WFOs), River Forecast Centers (RFCs), Center Weather Service Units (CWSUs), and National Program Web Pages, to new infrastructure and decommission legacy URLs.

On Monday, May 20, 2024, between 12Z and 18Z, the weather.gov website and all nested web pages will be served from the new infrastructure for a pre-implementation test. During this test users may experience any of the changes documented in this notice below. Report any issues to the NCEP Operational Monitoring Branch at nco.ops@noaa.gov.

In the event of a Critical Weather Day (CWD) or an Enhanced Caution Event (ECE), any changes will proceed within 5 business days after expiration. Users can find CWD/ECE status at the link below and should monitor the weather.gov website headline for updated notifications. https://www.nco.ncep.noaa.gov/status/cwd/

1) Changes to the Website
The migration to new infrastructure will result in minor changes to user experience and functionality, with the overall intent to limit the changes to only those required by upgraded hardware/software.

Some software code is not backward compatible and as a result, some office web pages may experience:
- Broken links
- Special characters appearing as ‘?’
- Non-functioning features like graphics, emojis, loops, or icons
- Text formatting display issues
- Navigation arrows not properly displayed
The website consists of over 13,000 web pages, the NWS will continue efforts to resolve the issues identified. For more details on these issues see:  
https://weather.gov/idp/wxgovmigration

2) Decommissioning  
A) The URL “https://w1.weather.gov” will be decommissioned.  
- https://w1.weather.gov/data/obhistory/SITE.html will become https://forecast.weather.gov/data/obhistory/SITE.html where SITE is different observation stations.  
- The NWS Glossary will be moved from: https://w1.weather.gov/glossary to https://forecast.weather.gov/glossary.php  
- The XML Observation Webpage will be moved from: https://w1.weather.gov/xml/current_obs to https://forecast.weather.gov/xml/current_obs  
Unless otherwise specified above, users should update any bookmarks to point to: https://weather.gov

B) Automatic redirects of legacy web pages  
- See the link below for a list of all automatic redirects that are being removed and will no longer work. Users should update all bookmarks to the new website URL.  
- An example of this would be: https://www.nws.noaa.gov will no longer redirect to https://weather.gov  
See below for a full list of redirects: https://weather.gov/idp/wxgovmigration

For problems or operational issues with the Website, please contact:  
NCEP Central Operations  
Tech Control  
nco.ops@noaa.gov

For questions about the details of the migration in this notice, please contact:  
NCEP Central Operations  
Implementation and Data Services Branch, Onboarding Team  
idp.feedback@noaa.gov  
or  
nws.webfeedback@noaa.gov

National Service Change Notices are online at:  
https://www.weather.gov/notification/