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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/>

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