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PNSWSH

Service Change Notice 23-121 Updated  
National Weather Service Headquarters Silver Spring MD  
920 AM EST Mon Jan 22 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: alerts.weather.gov version 2.3.0 Upgrade, Effective  
          on or about February 14, 2024

Updated to provide proper link to NWS CAP documentation.

NWS and the National Centers for Environmental Prediction (NCEP) will implement a new version of alerts.weather.gov on or about February 14, 2024, at which time the dissemination by NWS of products formatted with the Common Alerting Protocol version 1.1 (CAP v1.1) will be terminated as advertised in Service Change Notice (SCN) 23-57. As a result, the user interface at alerts.weather.gov will be updated and will begin using the CAP 1.2 formatted data provided by the NWS Application Programming Interface (API) at api.weather.gov.

The Atomic Syndication Format (ATOM) formatted data currently served at alerts.weather.gov will be replaced by the ATOM formatted data available at the below links:

<https://api.weather.gov/alerts.atom>  
<https://api.weather.gov/alerts/active.atom>

Further information about the NWS API and how data can be requested can be found at:

<https://www.weather.gov/documentation/services-web-api>

Additional information on how NWS alerts are geo-referenced can be found at:

[https://www.weather.gov/media/documentation/docs/NWS\\_Geolocation.pdf](https://www.weather.gov/media/documentation/docs/NWS_Geolocation.pdf)

Information about NWS CAP may be found at:

<https://vlab.noaa.gov/web/nws-common-alerting-protocol>

With the termination of CAP v1.1 data feed, alert headlines that were created from offshore forecasts issued by the National Hurricane Center (NHC) and the Ocean Prediction Center (OPC) will no longer be provided. The information contained within the forecasts was not sufficient to properly format them in CAP 1.2 format at this time. If in the future they become available, a new SCN will be issued.

In an effort to limit user impact of this upgrade, the updated version is available for public use at [preview-alerts.weather.gov](https://preview-alerts.weather.gov). As this site is a preview site it is unmonitored and only supported during regular business hours. Additionally, the below [alerts.weather.gov](https://alerts.weather.gov) requests will be redirected to ensure the delivery of data continues for a period of 60 days beyond February 14, 2024. After 60 days, these redirects will no longer be in place and users will be required to make the changes to any bookmarks that they have to maintain service.

Requesting of individual zone/county alerts:

[https://alerts.weather.gov/cap/wwaatmget.php?x=\[A-Z\]\[A-Z\]\[Z|C\]\[0-9\]\[0-9\]\[0-9\]&y=1](https://alerts.weather.gov/cap/wwaatmget.php?x=[A-Z][A-Z][Z|C][0-9][0-9][0-9]&y=1)

And

[https://alerts.weather.gov/cap/wwaatmget.php?x=\[A-Z\]\[A-Z\]\[Z|C\]\[0-9\]\[0-9\]\[0-9\]](https://alerts.weather.gov/cap/wwaatmget.php?x=[A-Z][A-Z][Z|C][0-9][0-9][0-9])

Will redirect to:

<https://alerts.weather.gov/search?zone=<x parameter>>

Example:

<https://alerts.weather.gov/cap/wwaatmget.php?x=MDZ013&y=1>  
<https://alerts.weather.gov/cap/wwaatmget.php?x=MDC033&y=1>

Will redirect to:

<https://alerts.weather.gov/search?zone=MDZ013>  
<https://alerts.weather.gov/search?zone=MDC033>

Requesting of all land based active alerts:

<https://alerts.weather.gov/cap/us.php?x=1>

Will be redirected to:

<https://alerts.weather.gov/search?region type=land>

Requesting of all marine alerts:

<https://alerts.weather.gov/cap/mzus.php?x=1>

Will be redirected to:

<https://alerts.weather.gov/search?region type=marine>

Requesting data for an entire state:

<https://alerts.weather.gov/cap/<state abbreviation>.php?x=1>

Will be redirected to:

<https://alerts.weather.gov/search?area=<state abbreviation>>

For operational issues including CAP access and connectivity, please contact:

Senior Duty Meteorologist  
NCEP Central Operations  
[sdm@noaa.gov](mailto:sdm@noaa.gov)

For other non-operational technical questions, please contact:

Integrated Dissemination Program Support  
NCEP Central Operations  
[idp-support@noaa.gov](mailto:idp-support@noaa.gov)

National Service Change Notices are online at:

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

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