

NOUS41 KWBC 191840
PNSWSH

Service Change Notice 17-110
National Weather Service Headquarters Washington DC
240 PM EDT Thu Oct 19 2017

TO: Subscribers:
 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
 -NOAAPort
 Other NWS Partners and NWS Employees

FROM: Ben Kyger
 Director, NCEP Central Operations (NCO)

SUBJECT: Update on Changes to Access, Planned Termination of
 Common Alerting Protocol version 1.1, and Operational
 Implementation of Common Alerting Protocol Version 1.2
 Effective on or after March 1, 2018

Reference: NWS Service Change Notice (SCN) 17-35
<http://www.nws.noaa.gov/os/notification/scn17-35cap.htm>

SCN 17-35 announced the operational NWS implementation of Watches/ Warnings/ Advisories (WWA) in Common Alerting Protocol (CAP) version 1.2 (v1.2) format effective on April 30, 2017. The notice identified a planned termination of CAP version 1.1 (v1.1) no sooner than September 1, 2017. Today's notice updates users that NWS termination of CAP v1.1 will be no sooner than March 1, 2018, and reminds users of the dissemination channels and detailed documentation for CAP v1.2.

NWS will continue providing CAP v1.1 until at least March 1, 2018 at

<https://alerts.weather.gov>

On or after March 1, 2018, NWS will permanently cease production of CAP v1.1 in any form or on any NWS dissemination channel. A future SCN will specify the exact effective date of these service terminations. On the effective date, the documentation for accessing CAP v1.2 and the 7 day archive of NWS CAP v1.2 messages currently located at

<https://alerts-v2.weather.gov/>

will be moved to

<https://alerts.weather.gov>

CAP v1.2 messages are provided through multiple dissemination channels, including the NWS Application Programming Interface (API), http and ftp file listings, and NOAAPORT satellite

broadcast as summarized in sections 1-3 below. More details are provided on the above web page.

1) The NWS API endpoint at

<https://api.weather.gov>

provides access to CAP v1.2 messages, a digest of active CAP v1.2 messages in Atomic Syndication Format (ATOM), and CAP content in JavaScript Object Notation (JSON) format. Users of the API have reported issues with the availability, timeliness, and time stamps in the ATOM and JSON formatted outputs via the API. These issues are being addressed and further updates to these issues will be provided on the Change Log tab at

<https://alerts-v2.weather.gov/documentation>

2) CAP v1.2 messages are available via http and ftp file listings at

<http://tgftp.nws.noaa.gov/SL.us008001/DF.xml/DC.cap/>
<ftp://tgftp.nws.noaa.gov/SL.us008001/DF.xml/DC.cap/>

These file listings provide a traditional directory listing of all CAP alerts issued for the past 7 days as well as directory lists (ls-l and ls-lt) for CAP consumers wishing to frequently check for any new CAP messages in the directory.

3) CAP v1.2 messages are available via NOAAPORT satellite broadcast under the WMO Heading XOaa5i KWBC, where aa corresponds to US, AK, CA, GM, HW, or ZS, and i is equal to 0 (zero) to 9.

As a reflection of continued improvements to NWS service delivery, NWS CAP v1.2 messages may periodically undergo minor changes or updates to the CAP elements or parameters. Since CAP is eXtensible Markup Language (XML)-based, these minor changes or updates should not impact the ability of NWS partners and users to properly parse the CAP messages; however, partners and users are encouraged to monitor the continuously updated Change Log tab reference above for all changes or updates to the CAP v1.2 elements and parameters that might impact use of NWS CAP or provide additional value.

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

Senior Duty Meteorologist
National Centers for Environmental Prediction (NCEP) Central
Operations
sdm@noaa.gov

For other non-operational technical questions, contact:

Software Development Branch
NCEP Central Operations
nids.support@noaa.gov

For questions or suggestions about meteorological or hydrologic content within CAP messages and CAP documentation, contact:

Mike Gerber
Office of Dissemination
mike.gerber@noaa.gov

National Service Change Notices are online at:

<http://www.weather.gov/os/notif.htm>

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