

NOUS41 KWBC 191830 AAE  
PNSWSH

Service Change Notice 21-33 Updated  
National Weather Service Headquarters Silver Spring MD  
130 PM EST Fri Nov 19 2021

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: Replacement of Common Alerting Protocol Parameter PIL  
with AWIPSIentifier and WMOidentifier Parameters: Effective on or about  
December 7, 2021

Updated to reflect the new implementation date of December 7, 2021.

Effective on or about December 7, 2021, the Common Alerting Protocol (CAP)  
messages issued by the National Weather Service will no longer carry the  
parameter with a valueName of PIL, as shown below:

```
<parameter>  
<valueName>PIL</valueName>  
<value>NNNXXXNNN</value>  
</parameter>
```

where NNN is an office Advanced Weather Interactive Processing System  
(AWIPS) identifier, and XXX is the product category.

At the same time, two new parameters will be added to the CAP messages:

```
<parameter>  
<valueName>AWIPSIentifier</valueName>  
<value>nnnxxx</value>  
</parameter>
```

where nnn is the AWIPS product category and xxx is the AWIPS office  
identifier. This corresponds to the second line of a NWS text product.

and

```
<parameter>  
<valueName>WMOidentifier</valueName>  
<value>T1T2A1A2ii CCCC YGGgg BBB</value>  
</parameter> where:
```

T1 is taken from World Meteorological Organization (WMO) Manual 386 table  
A. It is an alpha character that designates the general code form of the  
contents of the bulletin (Coded or plain text).

T2 is taken from WMO Manual 386 tables B1 through B6 depending on the designator T1 in table A. It is an alpha character that designates the data type.

A1 is taken from WMO Manual 386 tables C1 through C6 depending on designator T1 in table A (U.S. National practice through C9). It is an alpha character that designates the geographical area the content of the bulletin covers.

A2 is taken from WMO Manual 386 tables C1 through C5 depending on designator T1 in table A (U.S. National practice through C9). It is an alpha character that designates the geographical area, or may define the forecast period.

ii is taken from the WMO Manual 386 paragraph 2.3.2.2 definition, or from table D1 or D2 depending on designator T1 in table A (U.S. National practice table D3 replaces D2). It is a numeric set of two characters. Go to the WMO message structure for more details on this group.

CCCC is the identification of the processing center that generated the bulletin. Commonly centers use alpha character identification designators from the International Civil Aviation Organization's (ICAO's) Location Indicators Doc 7910/80, but this is not consistent throughout the centers.

YYGGgg is the day, hour, and minute the bulletin was prepared or the reporting time of the contained reports in it.

BBB is an optional group of alpha characters.

The National Centers for Environmental Protection (NCEP) will evaluate all comments to determine whether to proceed with this upgrade.

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National Service Change Notices are online at:

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

NNNN