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PNSWSH

Service Change Notice 23-31 Updated  
National Weather Service Headquarters Silver Spring MD  
250 PM EDT Thu May 18 2023

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

From:         Stephen Bieda III, Chief  
              Severe, Fire, Public and Winter Weather Services Branch

Subject: Updated: Implementation of Mixed-Case Text/95 ASCII Character Set  
in Preliminary Local Storm Reports (LSR) with Modified Event Types and  
Sources on or about May 31, 2023

Updated to change the implementation date to May 31, 2023.

The implementation of mixed-case Text/95 American Standard Code for  
Information Interchange (ASCII) character set in Preliminary LSRs will  
occur on or about May 31, 2023. No other product format changes (spacing,  
order, etc.) will be included with this transition to mixed-case text.

Additionally, new and modified Event Sources and Event Types will be  
included in this implementation, according to the following tables, with  
changes noted by asterisk(s).

Table 1: Event Source List

911 Call Center	County Official	NWS Storm Survey
Airplane Pilot	Department of Highways	Official NWS Observation
Amateur Radio	Emergency Manager	Other Federal
ASOS	Fire Department/Rescue	Park/Forest Service
AWOS	Insurance Company	** Postal Employee
Broadcast Media	Law Enforcement	Public
Buoy	* Lifeguard	Ship
C-MAN Station	* Local Official	Storm Chaser
Coast Guard	Mesonet	Trained Spotter
CoCoRaHS	Newspaper	* Tribal Leader
Co-Op Observer	NWS Employee	Utility Company

\* New Event Source

\*\* Modified Event Source Name

Table 2: Event Source with Modified Name

Previous Name -----	New Name -----
Post Office	Postal Employee

The following source will be removed: Unknown

Table 3: Event Type List

Avalanche	+ Hail	Sneaker Wave
Blizzard	* High Surf	+ Snow
*+ Blowing Dust	+ High Sustained Winds	* Snow/Ice Damage
Coastal Flood	* Ice Jam	* Snow Squall
Debris Flow	* Ice Jam Flooding	Storm Surge
+ Downburst	* Landslide	Tornado
Drought	* Landspout	* Tropical Cyclone
+ Dust Storm	Lightning	Tstm. Wind Damage
**+ Extreme Heat	Non-Tstm. Wind Damage	+ Tstm. Wind Gust
+ Extreme Cold	* Non-Tstm. Wind Gust	Tsunami
Flash Flood	* Misc Mrn/Srf Hz	** Volcanic Ash
Flood	**+ Rain	* Vog
**+ Fog	Rip Currents	** Waterspout
+ Freezing Rain	Seiche	+ Wildfire
Funnel Cloud	+ Sleet	**+ Wind Chill
Ice Jam	Ice Jam Flooding	Landslide
Landspout	Lightning	Non-Tstm Wind Damage

- \* New Event Type
- \*\* Modified Event Type Name
- + Requires a magnitude/value

Table 4: Event Types with Modified Names

Previous Name -----	New Name -----
Dense Fog	Fog
Excessive Heat	Extreme Heat
Extreme Wind Chill	Wind Chill
Heavy Rain	Rain
Heavy Sleet	Sleet
Heavy Snow	Snow
Water Spout	Waterspout
Volcanic Ashfall	Volcanic Ash

The following types will be removed: Freeze, High Astr. Tides, Hurricane, Ice Storm, Marine Hail, Marine Tstm. Wind, Tropical Storm.

Table 5: Affected Products

AWIPS ID	WMO ID	Product Name
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LSRxxx	NWUS55 Kxxx	Preliminary Local Storm Report (xxx is the 3-letter ID of issuing office)
STAHRY	NWUS22 KWNS	Storm Prediction Center (SPC) Hourly Severe Weather Report Log
STADTS	NWUS20 KWNS	SPC Daily Severe Weather Report Log

A sample of various mixed-case formatted LSR can be found in the following downloadable document:

[https://www.weather.gov/media/notification/ref/Mixed-Case\\_LSRs\\_for\\_2022\\_Change.pdf](https://www.weather.gov/media/notification/ref/Mixed-Case_LSRs_for_2022_Change.pdf)

Comments and questions on this update can be directed to:

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National Service Change Notices are online at:

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

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