

NOUS41 KWBC 271910
PNSWSH

Service Change Notice 22-31
National Weather Service Headquarters Silver Spring MD
210 PM EST Mon Feb 27 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: Implementation of Mixed-Case Text/95 ASCII Character Set in
 Preliminary Local Storm Reports (LSR) with Modified Event Types
 and Sources on or about April 27, 2023

The implementation of mixed-case Text/95 ASCII character set in
Preliminary LSRs will be effective beginning on or about April 27, 2023.
No other product format changes (spacing, order, etc.) will be included
with this transition to mixed-case.

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	Dept of Highways	Official NWS Obs
Amateur Radio	Emergency Mngr	Other Federal
ASOS	Fire Dept/Rescue	Park/Forest Srvc
AWOS	Insurance Co	** 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 (since the last update to NWS Instruction (NWSI) 10-517
policy)

** Modified Event Source Name

Table 2: Event Sources with Modified Names

Previous Name	New Name
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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 Sust Winds	* Snow/Ice Dmg
* Coastal Flood	* Ice Jam	* Snow Squall
* Debris Flow	* Ice Jam Flooding	Storm Surge
+ Downburst	* Landslide	Tornado
Drought	* Landspout	* Tropical Cyclone
+ Dust Storm	Lightning	Tstm Wnd Dmg
***+ Extreme Heat	Non-Tstm Wnd Dmg	+ Tstm Wnd Gst
+ Extreme Cold	***+ Non-Tstm Wnd Gst	* Tsunami
Flash Flood	* Misc Mrn/Srf Hzd	* Volcanic Ash
Flood	***+ Rain	* Vog
***+ Fog	Rip Currents	** Waterspout
+ Freezing Rain	Seiche	+ Wildfire
Funnel Cloud	+ Sleet	***+ Wind Chill

* New Event Type (since the last update to NWSI 10-517 policy)

** Modified Event Type Name

+ Requires a magnitude/value

Table 4: Event Types with Modified Names

Previous Name	New Name
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Dense Fog	Fog
Excessive Heat	Extreme Heat
Extr Wind Chill	Wind Chill
Heavy Rain	Rain
Heavy Sleet	Sleet
Heavy Snow	Snow
Non-Tstorm Wnd Gst	Non-Tstm Wnd Gst
Water Spout	Waterspout

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	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

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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