

POST TROPICAL CYCLONE REPORT

Storm Name Hurricane Helene
NWS Office Columbia, SC
Begin/End Date 09/26/2024-09/27/2024
Fatalities 16 - Direct
 11 - Indirect
Tornadoes 11

Event Summary

Hurricane Helene, while it weakened to a tropical storm, produced widespread sustained tropical storm force winds with occasional gusts above hurricane force in the CSRA and western Midlands. Widespread damage to trees and powerpoles, with ancillary damage to hundreds of structures. Extended power outages for hundreds of thousands of residents. Major flooding on most rivers, with record flooding on Stephen's Creek in the Savannah River basin. Hurricane Helene also spawned 11 tornadoes in the CWA. At least 27 fatalities so far.

NOTE: It is unlikely that the point-based observations provided in this report sampled the peak values for the event.

Highest 10 Land Winds (kts)*

Station	State	Type	Sustained	Gust
Augusta Bush Field	GA	ASOS	45	71
Columbia Metropolitan Airport	SC	ASOS	38	58
McEntire Air National Guard Base	SC	ASOS	31	46
Thomson-McDuffie County Airport	GA	AWOS	31	52
Orangeburg Municipal Airport	SC	ASOS	29	50
Barnwell Regional Airport	SC	AWOS	28	46
North Air Force Auxiliary Field	SC	AWOS	28	45
Shaw Air Force Base	SC	ASOS	26	45
Lancaster County Field	SC	AWOS	26	42
Winnsborough Airport	SC	AWOS	26	38

* Anemometer heights < 20 m

Highest 10 Marine Winds (kts)*

Station	Type	Sustained	Gust
#N/A			

* Anemometer heights < 20 m

Highest 10 Rainfall Totals

Station	State	Type	Inches
McCormick 12.9 E	SC	COCORAHS	13.03
Evans 5.3 WNW	GA	COCORAHS	12.37
Fort Gordon	GA	RAWS	12.02
Appling 2.0 SE	GA	COCORAHS	11.89
Long Cane Portable	SC	RAWS	11.50
Columbia 2.1 NNW	SC	COCORAHS	10.76
Dentsville 6.6 NNE	SC	COCORAHS	9.35
Martinez	GA	CWOP	9.32
Swansea 3.9 ENE	SC	COCORAHS	9.23
Swansea 3.5 NE	SC	COOP	9.23

Highest NOAA Tide Gage Observations

Station	State	Datum	Water Level (ft)
#N/A			

Lowest 10 Pressures (MSLP)

Station	State	Type	Millibars
Augusta Bush Field	GA	ASOS	976.3
Thomson-McDuffie County Airport	GA	AWOS	977.0
Columbia Metropolitan Airport	SC	ASOS	989.7
Aiken Municipal Airport	SC	AWOS	989.8
Augusta Daniel Field	GA	ASOS	989.8
Barnwell Regional Airport	SC	AWOS	990.2
Winnsborough Airport	SC	AWOS	991.5
Columbia-Jim Hamilton L.B. Owens Apt	SC	ASOS	991.7
Orangeburg Municipal Airport	SC	ASOS	992.2
McEntire Air National Guard Base	SC	ASOS	992.6

Report Last Updated on [10/02/2024]:

The following files have been updated: Wind and Pressure, Rainfall, Tornadoes, Impact Narratives.

Remarks:

Many counties have just started storm assessments. Impacts will be updated as more information becomes available.