

# POST TROPICAL CYCLONE REPORT

<b>Storm Name</b>	Hurricane Helene
<b>NWS Office</b>	Greenville-Spartanburg, SC
<b>Begin/End Date</b>	09/25/2024 - 09/27/2024
<b>Fatalities</b>	101 - Direct 0 - Indirect
<b>Tornadoes</b>	0

## Event Summary

Hurricane Helene made landfall near the Big Bend of Florida Thursday (9/27) evening. Helene then fast tracked through the Southeast. Before Helene, a predecessor event set up and produced rainfall up to 10" into portions of the mountains. Once Helene arrived, widespread wind damage occurred, tons of trees and powerlines fell, leading to widespread power outages. Historic flooding occurred in the NC mountains, resulting in one of the most significant weather events to ever hit the area.

*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)\*

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Mount Mitchell State Park	NC	ECONet	70	92
Frying Pan Mountain	NC	ECONet	55	76
Sassafras Mountain	SC	ECONet	42	63
Anderson Regional Airport	SC	ASOS	39	63
Greenville-Spartanburg International A	SC	ASOS	38	59
Greenville Downtown Airport	SC	ASOS	36	56
Oconee County Regional Airport	SC	ASOS	32	57
Charlotte-Douglas International Airpor	NC	ASOS	30	57
Whitmire RAWS	SC	RAWS	28	55
Ashford-North Cove FD	NC	CWOP	25	53

\* Anemometer heights < 20 m

## Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
Busick	NC	RAWS	30.78

Spruce Pine 6.6 SW	NC	CoCoRaHS	24.12
Hendersonville 6.1 SSW	NC	CoCoRaHS	21.96
Sunfish Mountain	SC	HADS	21.66
Hendersonville 3.1 WSW	NC	CoCoRaHS	18.89
Slater-Marietta 6.4 NW	SC	CoCoRaHS	18.12
Davidson River	NC	RAWS	18.02
NC Arboretum	NC	HADS	17.31
Mountain Home 0.9 WNW	NC	CoCoRaHS	17.09
Guion Farm	NC	RAWS	16.90

**Lowest 10 Pressures (MSLP)**

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Mount Mitchell State Park	NC	ECONet	972.2
Sassafras Mountain	SC	ECONet	974.5
Frying Pan Mountain	NC	ECONet	975.1
Anderson Regional Airport	SC	ASOS	975.6
Oconee County Regional Airport	SC	ASOS	978.7
Greenville Downtown Airport	SC	ASOS	980.4
Greenville-Spartanburg International A	SC	ASOS	980.7
Whitmire RAWS	SC	RAWS	990.9
Ashford-North Cove FD	NC	CWOP	993.6
Charlotte-Douglas International Airpor	NC	ASOS	994.2

***Report Last Updated on [10/2/2024]:***

**Remarks:**