

POST TROPICAL CYCLONE REPORT

Storm Name	Hurricane Helene
NWS Office	Tallahassee
Begin/End Date	09/26/2024 - 09/27/2024
Fatalities	5 - Direct 2 - Indirect
Tornadoes	0

Event Summary

Hurricane Helene made landfall as a Category 4 hurricane with maximum sustained winds of 140 mph and a minimum central pressure of 938 mb (27.70 inches) at about 11:10 PM EDT on Thursday, September 26th, in Taylor County Florida just east of the Aucilla River. Helene quickly moved inland across Taylor and Madison Counties before moving into Lowndes County in South Central Georgia. The hurricane produced a devastating storm surge along the coast of Apalachee Bay, exceeding 15 feet above normally dry ground in some locations. A large area of damaging winds extended from the Big Bend coast well-inland into Georgia along the I-75 corridor, causing significant damage. Wind gusts of at least 90 to 100 mph spread inland through Taylor, Madison, Lafayette Counties in Florida, and into Lowndes County in Georgia. Widespread power outages, structural damage, and severe tree damage occurred throughout this area. Significant rainfall also fell with the hurricane, with a maximum of 12 to 14 inches falling west of Tallahassee in the Apalachicola River Basin.

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
Sticknet 329	FL	Sticknet	64	79
Sticknet 336	FL	Sticknet	59	73
Sticknet 328	FL	Sticknet	56	80
Tower 6	FL	FCMP	55	78
Sticknet 330	GA	Sticknet	51	72
Sticknet 217	FL	Sticknet	50	73
Sticknet 103	FL	Sticknet	49	66
Perry-Foley Airport	FL	AWOS	48	86
Sticknet 109	FL	Sticknet	48	69
Mayo	FL	FAWN	47	80

* Anemometer heights < 20 m

Highest 10 Marine Winds (kts)*

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
West Tampa	NDBC	68.6	93
Apalachicola, FL	NOS	35	44
Panama City	NOS	28	37

* Anemometer heights < 20 m

Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
Sumatra	FL	RAWS	14.39
Alford 0.6 SSE	FL	COCORAHS	11.72
Wilma	FL	RAWS	11.47
2.7 E Lake Iamonia	FL	HADS	10.58
Midway 6.9 SW	FL	COCORAHS	10.30
Sanborn	FL	RAWS	10.26
Bloxham	FL	RAWS	9.86
Apalachicola Airport	FL	ASOS	9.16
Quincy 7.5 SSW	FL	COCORAHS	8.80
Marianna 0.8 NNE	FL	COCORAHS	8.64

Highest NOAA Tide Gage Observations

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Apalachicola Tide Station	FL	MHHW	4.33
Panama City Beach Pier	FL	MHHW	3.25
Panama City Marina	FL	MHHW	3.02

Lowest 10 Pressures (MSLP)

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Sticknet 102	FL	Sticknet	942.8
FSWN Pasco Emergency Response Unit	FL	WeatherSTEM	945.2
Sticknet 325	FL	Sticknet	946.3
Sticknet 446	GA	Sticknet	946.8
Sticknet 110	FL	Sticknet	946.9
Sticknet 219	FL	Sticknet	947.5
Perry-Foley Airport	FL	AWOS	948.2
Sticknet 103	FL	Sticknet	948.4
Sticknet 330	GA	Sticknet	949.3
West Tampa		NDBC	949.4

Report Last Updated on 10/15/2024:

The following files have been updated: Summary (see remarks below for details)

Remarks:

Rainfall data was collected between 18z September 24th and 18z September 27th due to the predecessor rainfall event associated with Hurricane Helene.

The event summary was corrected on October 15th, to reflect the correct landfall date of Thursday, September 26th.