

# POST TROPICAL CYCLONE REPORT

<b>Storm Name</b>	Helene
<b>NWS Office</b>	Wilmington, NC (ILM)
<b>Begin/End Date</b>	09/25/2024 - 09/28/2024
<b>Fatalities</b>	0 - Direct 0 - Indirect
<b>Tornadoes</b>	6

## Event Summary

Hurricane Helene made landfall along the Gulf Coast of FL in the Big Bend area as a category 4 hurricane and weakened to a tropical storm before reaching central GA. The storm then turned northwest across the southern Appalachians before weakening to a tropical depression over eastern TN. Tropical Storm Warnings were issued for all of northeast SC but not in NC. Limited impacts occurred across southeast NC and northeast SC, although tropical storm force wind gusts and some weak tornadoes were reported.

*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>
Murrells Inlet	SC	WxFlow	39	49
Myrtle Beach	SC	AWOS	33	45
Florence	SC	ASOS	33	49
Elizabethtown	NC	AWOS	32	43
Oak Island	NC	WxFlow	30	38
Georgetown	SC	WxFlow	30	44
Lumberton	NC	ASOS	29	48
Lockwoods Folly Inlet	NC	WxFlow	27	37
North Myrtle Beach	SC	ASOS	25	41
Georgetown	SC	AWOS	25	41

\* Anemometer heights < 20 m

### Highest 10 Marine Winds (kts)\*

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Myrtle Beach Springmaid Pier	NOS	41	52
Wrightsville Beach Johnnie Mercers Pier	NOS	36	43
Frying Pan Shoals	NDBC	33	45
Sunset Beach Nearshore	NDBC	29	41
Wrightsville Beach Nearshore	CORMP	27	41
Wrightsville Beach Offshore	CORMP	27	39
Masonboro Island North	CORMP	27	40

\* Anemometer heights < 20 m

### Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
Georgetown County Airport	SC	NWSLI	5.60
Georgetown 6.0 S	SC	CoCoRaHS	4.72
Elizabethtown 4.5 ENE	NC	CoCoRaHS	4.37
Hartsville 3.6 WSW	SC	CoCoRaHS	4.20
Florence 6.2 NE	SC	CoCoRaHS	4.07
Andrews	SC	NWLI	3.90
Evergreen 3.3 NE	NC	CoCoRaHS	3.85
Hartsville 3.6 W	SC	CoCoRaHS	3.50
Olanta 0.4 N	SC	CoCoRaHS	3.49
Florence 2.1 SW	SC	CoCoRaHS	3.36

### Highest NOAA Tide Gage Observations

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Wilmington	NC	MHHW	1.61
Wrightsville Beach	NC	MHHW	1.24
Myrtle Beach	SC	MHHW	1.24

**Lowest 10 Pressures (MSLP)**

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Georgetown	SC	WxFlow	997.6
Darlington	SC	AWOS	997.7
Florence	SC	ASOS	998.0
Murrells Inlet	SC	WxFlow	998.7
Lake Arrowhead	SC	WxFlow	999.2
Lumberton	NC	ASOS	1000.3
Myrtle Beach Springmaid Pier		NOS	1000.7
Myrtle Beach	SC	AWOS	1001.6
New Hanover County Tower	NC	WxFlow	1002.3
North Myrtle Beach	SC	ASOS	1002.6

***Report Last Updated on 10/04/2024:***

The following files have been updated: Summary, Tornadoes, and Impact Narratives.

**Remarks:**

Select rainfall totals above 2 inches included. CoCoRaHS observations are from 12 UTC 9/26 to 12 UTC 9/28/24. Other rainfall reports were from 00 UTC 9/26/24 to 00 UTC 9/29/24.