

# POST TROPICAL CYCLONE REPORT

<b>Storm Name</b>	Potential Tropical Cyclone 8	
<b>NWS Office</b>	Newport/Morehead City, NC	
<b>Begin/End Date</b>	9/15/2024 - 9/18/2024	
<b>Fatalities</b>	0	Direct
	0	Indirect
<b>Tornadoes</b>	1	

## Event Summary

Potential Tropical Cyclone #8 developed along an old frontal boundary situated off the Southeast U.S. coast, then moved slowly west to west-northwest towards the Carolinas. PTC 8 moved ashore near the North Carolina / South Carolina state line on the afternoon of Monday, September 16, 2024. PTC 8 produced gusty winds, heavy rain, flooding, and elevated water levels.

*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>
Fort Macon	NC	Mesonet	29	38
Cherry Point Air Station	NC	ASOS	24	36
New River Air Station	NC	ASOS	24	38
Coastal Carolina Airport	NC	ASOS	22	32
Billy Mitchell Field	NC	ASOS	21	37
Beaufort Airport	NC	ASOS	16	36

\* Anemometer heights < 20 m

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

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Cape Lookout	NDBC	34	39
Diamond Shoals	NDBC	30	39
Duck	NOS	28	32
Jennettes Pier	Mesonet	28	34

\* Anemometer heights < 20 m

**Highest 10 Rainfall Totals**

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
Frisco 0.3 SW	NC	CWOP	10.34
Southern Shores 0.5 NNE	NC	CoCoRaHS	9.02
Kill Devil Hills (AWOS)	NC	AWOS	8.81
Southern Shores 1.9 NNW	NC	CoCoRaHS	8.79
Kitty Hawk 2.4 NW	NC	CoCoRaHS	8.53
Hoffman RAWS	NC	RAWS	7.70
Beaufort 3.4 NNW	NC	CoCoRaHS	7.66
Morehead City 6.0 WNW	NC	CoCoRaHS	7.60
Beaufort 1.5 NNW	NC	CoCoRaHS	7.56
Cedar Point 0.4 WSW	NC	CoCoRaHS	7.55

**Highest NOAA Tide Gage Observations**

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

**Lowest 10 Pressures**

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
New River Air Station	NC	ASOS	1009.8
Cape Lookout		NDBC	1011.2
Cherry Point Air Station	NC	ASOS	1011.3
Beaufort Airport	NC	ASOS	1011.8
Diamond Shoals		NDBC	1011.9
Coastal Carolina Airport	NC	ASOS	1012.0
Fort Macon	NC	Mesonet	1012.0
Jennettes Pier		Mesonet	1012.0
Billy Mitchell Field	NC	ASOS	1012.3

***Report Last Updated on 09/26/2024:***

Rainfall amounts updated