

# POST TROPICAL CYCLONE REPORT

**Storm Name** Tropical Storm Chantal

**NWS Office** Wilmington, NC (ILM)

**Begin/End Date** 07/05/2025 - 07/07/2025

**Fatalities** 0 - Direct  
0 - Indirect

**Tornadoes** 1

## Event Summary

Tropical Storm Chantal strengthened as it approached the northern SC coast late on July 5 before making landfall during the early morning hours on July 6 at Litchfield Beach. Although tropical storm force wind gusts, heavy rainfall and an EF-0 tornado occurred across northeast SC, southeast NC and the adjacent Atlantic waters, no significant impacts 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>
North Myrtle Beach	SC	ASOS	26
Wilmington	NC	ASOS	22
Myrtle Beach	SC	AWOS	22
Southport	NC	AWOS	18

\* Anemometer heights < 20 m

**Highest 10 Land Gusts (kts)\***

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Gust</i>
North Myrtle Beach	SC	ASOS	42
Southport	NC	AWOS	38
Oak Island	NC	WxFlow	37
Federal Point	NC	WxFlow	36
Wilmington	NC	ASOS	35
Lockwoods Folly Inlet	NC	WxFlow	34
Lake Arrowhead	SC	WxFlow	34
Myrtle Beach	SC	AWOS	29

\* Anemometer heights < 20 m

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

<i>Station</i>	<i>Type</i>	<i>Sustained</i>
Myrtle Beach Springmaid Pier	NOS	41
Frying Pan Shoals	NDBC	33
Sunset Beach Nearshore	NDBC	29
Wrightsville Beach Johnnie Mercers Pier	NOS	28
Wrightsville Beach Offshore	CORMP	25

\* Anemometer heights < 20 m

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

<i>Station</i>	<i>Type</i>	<i>Gust</i>
Myrtle Beach Springmaid Pier	NOS	49
Frying Pan Shoals	NDBC	43
Sunset Beach Nearshore	NDBC	41
Wrightsville Beach Johnnie Mercers Pier	NOS	36
Wrightsville Beach Offshore	CORMP	35

\* Anemometer heights < 20 m

**Highest 10 Rainfall Totals**

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
LUMBER RIVER STATE PARK	NC	NWSLI	5.09
LUMBERTON REGIONAL AIRPORT	NC	WBAN	4.97
LONGS 1.3 NW	SC	CoCoRaHS	4.86
LUMBERTON	NC	NWSLI	4.82
CASTLE HAYNE 1.6 NNW	NC	CoCoRaHS	4.41
LUMBERTON 8.6 SSE	NC	CoCoRaHS	4.39
LITTLE RIVER 4.7 WNW	SC	CoCoRaHS	4.25
WILMINGTON 2.8 SE	NC	CoCoRaHS	4.15
NORTH MYRTLE BEACH 1.8 E	SC	CoCoRaHS	4.07
WILMINGTON 1.9 S	NC	CoCoRaHS	4.04

**Highest NOAA Tide Gage Observations**

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

**Lowest 10 Pressures (MSLP)**

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Myrtle Beach Springmaid Pier		NOS	1004.2
Myrtle Beach	SC	AWOS	1004.8
North Myrtle Beach	SC	ASOS	1006.0
Sunset Beach Nearshore		NDBC	1006.9
Frying Pan Shoals		NDBC	1009.7
Wrightsville Beach Johnnie Mercers Pier		NOS	1010.9
Wilmington	NC	ASOS	1011.4
Wrightsville Beach Offshore		CORMP	1012.0

***Report Last Updated on 07/16/2025:***

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

**Remarks:**

Data range is from 12 UTC 7/5/25 to 00 UTC 7/8/25.