

POST TROPICAL CYCLONE REPORT

Storm Name	Chantal
NWS Office	Charleston, SC
Begin/End Date	07/04/2025 - 07/06/2025
Fatalities	0 - Direct 0 - Indirect
Tornadoes	0

Event Summary

A tropical disturbance off the Southeast coast developed into Tropical Depression 3 on July 4th, then strengthened to Tropical Storm Chantal on July 5th. Tropical Storm Chantal reached peak intensity, with winds up to 50 kt, late on the night of July 5th before making landfall near Litchfield Beach in Georgetown County early on the morning of July 6th. The strongest winds and heaviest rainfall occurred east of the center of the storm, sparing the Charleston area from any significant impacts.

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>
Isle of Palms Weatherflow	SC	WXFlow	29
Folly Beach Weatherflow	SC	WXFlow	28
Claxton Airport	GA	AWOS	23
Charleston Executive Airport	SC	AWOS	23
Battery Point Weatherflow	SC	WXFlow	23
Beaufort Executive Airport	SC	AWOS	22

* Anemometer heights < 20 m

Highest 10 Land Gusts (kts)*

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Gust</i>
Claxton Airport	GA	AWOS	39
Folly Beach Weatherflow	SC	WXFlow	38
Isle of Palms Weatherflow	SC	WXFlow	38
Charleston Executive Airport	SC	AWOS	34
Battery Point Weatherflow	SC	WXFlow	33
Beaufort Executive Airport	SC	AWOS	32

* Anemometer heights < 20 m

Highest 10 Marine Winds (kts)*

<i>Station</i>	<i>Type</i>	<i>Sustained</i>
Charleston Wave Buoy (CHR60)	CORMP	31
Charleston Tide Gauge	NOS	30
Edisto Buoy	NDBC	29
Capers Nearshore SC (CAP2)	CORMP	29
Schutes Folly Weatherflow	WXFlow	29
Fort Sumter Weatherflow	WXFlow	28
Fripp Nearshore SC (FRP2)	CORMP	25

* Anemometer heights < 20 m

Highest 10 Marine Gusts (kts)*

<i>Station</i>	<i>Type</i>	<i>Gust</i>
Edisto Buoy	NDBC	41
Capers Nearshore SC (CAP2)	CORMP	41
Charleston Wave Buoy (CHR60)	CORMP	41
Charleston Tide Gauge	NOS	41
Fripp Nearshore SC (FRP2)	CORMP	37
Fort Sumter Weatherflow	WXFlow	37
Schutes Folly Weatherflow	WXFlow	37

* Anemometer heights < 20 m

Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
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Highest NOAA Tide Gage Observations

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Charleston	SC	MHHW	0.91
Fort Pulaski	GA	MHHW	0.84

Lowest 10 Pressures (MSLP)

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Edisto Buoy	SC	NDBC	1006.0
Capers Nearshore SC (CAP2)		CORMP	1007.8
Charleston Wave Buoy (CHR60)		CORMP	1008.6
Charleston Tide Gauge		NOS	1009.0
Folly Beach Weatherflow		WXFlow	1009.0
Isle of Palms Weatherflow		WXFlow	1009.0
Fort Sumter Weatherflow		WXFlow	1010.0
Schutes Folly Weatherflow		WXFlow	1010.0
Battery Point Weatherflow		WXFlow	1010.0
Fripp Nearshore SC (FRP2)		CORMP	1011.1

Report Last Updated on 07/10/2025:

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

Remarks:

None