

POST TROPICAL CYCLONE REPORT

Storm Name	Tropical Storm Bertha
NWS Office	Tallahassee
Begin/End Date	07/19/2026 - 07/22/2026
Fatalities	0 - Direct 0 - Indirect
Tornadoes	0

Event Summary

Tropical Storm Bertha developed from a disorganized area of showers and thunderstorms over the eastern Gulf of America that was associated with an upper-level low and a surface trough. Bertha became a Tropical Depression on Sunday morning July 19th and strengthened into a Tropical Storm on Monday evening July 20th. Tropical Storm Bertha moved slowly to the Northwest and then more Westward, generally around 5 mph or less, and impacted the Tri-State region through Wednesday morning July 22nd. Bertha remained offshore and did not make landfall in Florida, with its closest approach about 85 miles to Apalachicola and 65 miles to Panama City Beach.

Despite remaining offshore, Tropical Storm Bertha produced wind gusts in much of the coastal areas ranging from 39 mph to 58 mph, as well as a handful of isolated wind gusts around 40 mph further inland. In Bay County FL, this resulted in a sign collapsing onto a parked vehicle as well as a tree/powerline downed on an RV camper.

The combination of onshore flow and wave action from Bertha resulted in minor coastal flooding around the times of high tide along much of the coast. In particular, surf estimated to be up to 9 feet along the Walton, Bay, and West-facing Gulf County coast led to beach erosion, with some beach access stairs and fencing washed away along North Cape San Blas. As of Friday evening July 24th, there were over 10 reports of water rescues in Bay County, likely the result of rip currents with red beach flags still hoisted due the residual long period swell from Bertha.

Heavy rainfall was confined to coastal Florida Big Bend with localized amounts of around 5 to 6 inches. There were no tornadoes.

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>
N/A - No winds or wind gusts greater than 33 kts			

* Anemometer heights < 20 m

Highest 10 Land Gusts (kts)*

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Gust</i>
Apalachicola, Apalachicola	FL	ASOS	40
SCHELL AHP	AL	ASOS	36
Panama City - Northwest Florida Beach	FL	ASOS	36
Gulf Coast State College Gulf/Franklin	FL	WeatherSTEM	36
FSWN Panama City Beach Sports Comp	FL	WeatherSTEM	35
Lowndes County Utilities Grassy Pond	GA	WeatherSTEM	35
Port St Joe Elementary School	FL	WeatherSTEM	34
Gulf County Emergency Operations Ce	FL	WeatherSTEM	34
Tifton	GA	UGA Mesone	33
Moody Air Force Base	GA	ASOS	33

* Anemometer heights < 20 m

Highest 10 Marine Winds (kts)*

<i>Station</i>	<i>Type</i>	<i>Sustained</i>
Buoy 42039	NDBC	43
Panama City Beach	NOS	40
FSU Panama City	WeatherSTEM	37
St. Andrew Bay	Weatherflow	36
Buoy 42027	COMPS	34
FSWN Gulf County Salinas Park	WeatherSTEM	33
Buoy 42036	NDBC	33
Panama City	NOS	33

* Anemometer heights < 20 m

Highest 10 Marine Gusts (kts)*

<i>Station</i>	<i>Type</i>	<i>Gust</i>
Buoy 42039	NDBC	52
Panama City Beach	NOS	50
Gulf Coast State College	WeatherSTEM	47
Buoy 42027	COMPS	45
St. Andrew Bay	Weatherflow	44
St. George Island Bridge	WeatherSTEM	43
FSWN Wakulla Shell Point Beach	WeatherSTEM	43
Panama City	NOS	42
FSWN Gulf County Salinas Park	WeatherSTEM	40
Tyndall Drone Runway	ASOS	40

* Anemometer heights < 20 m

Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
Carrabelle	FL	Mesonet	5.96
ST. MARKS (WEST)	FL	Mesonet	4.99
Apalachicola, Apalachicola	FL	ASOS	3.60
OCHLOCKONEE RIVER AT CURTIS MILL	FL	Mesonet	3.04
WFT27820	FL	Mesonet	3.04

Highest NOAA Tide Gage Observations

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Tide Station at Apalachicola	FL	MHHW	2.37
Tide Station at Panama City Beach Pier	FL	MHHW	2.05
Panama City Marina	FL	MHHW	1.77

Lowest 10 Pressures (MSLP)

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Buoy 42039		NDBC	999.3
Buoy 42028		COMPS	1004.3

Report Last Updated on [08/06/2026]:

Updated winds and pressure for buoys 42027, 42028, 42036, and 42039.

Remarks:

Data was collected between 12z July 19th and 09z July 22nd.