

# POST TROPICAL CYCLONE REPORT

**Storm Name** Hurricane Francine  
**NWS Office** Mobile/Pensacola  
**Begin/End Date** 09/11/2024 - 09/12/2024  
**Fatalities** 0 - Direct  
0 - Indirect  
**Tornadoes** 0

## Event Summary

Hurricane Francine made landfall over the southern LA coast in Terrebonne Parish as a Cat-2 hurricane at 5 PM CDT Wed Sep 11th, 2024. East of Francine, outer spiral bands produced low end tropical storm force wind gusts over portions of the central Gulf coast. Minor coastal flooding was observed due to 2 to 3 feet of storm surge. Highest Rainfall ranged 3 to 5 inches and was more focused over Stone Co. MS and portions of the western FL Panhandle.

*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)\*

Station	State	Type	Sustained	Gust
FSWN Escambia Pensacola Beach	FL	WeatherSTEM	38	43
Navarre Beach Marine Science Station	FL	WeatherSTEM	37	41
Foley Elementary School	AL	WeatherSTEM	32	32
FSWN Escambia Perdido Key	FL	WeatherSTEM	32	36
Pine Forest High School	FL	WeatherSTEM	30	39
Choctawhatchee High School	FL	WeatherSTEM	30	37
Northview High School	FL	WeatherSTEM	30	30
Navarre High School	FL	WeatherSTEM	30	31
Mobile Downtown Airport	AL	ASOS	29	41
Buccaneer Yacht Club	AL	WxFlow	29	39

\* Anemometer heights < 20 m

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

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Dauphin Island	NOS	38.1	45
Bon Secour	Mesonet	38.1	
Fort Walton Beach	WxFlow	34.7	43
Santa Rosa Sound DB127	WxFlow	31.8	49
Fair Point Light	WxFlow	31.1	39
Orange Beach Buoy	NDBC	29.1	39
USCG Sector Mobile	NOS	27.0	32
Ft Morgan	NOS	27.0	37
Pensacola Bay	NOS	20.0	28

\* Anemometer heights < 20 m

### Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
Niceville 3.6 SE	FL	CoCoRaHS	4.74
Hurlburt Field	FL	AWOS	4.50
Niceville 3.4 ESE	FL	CoCoRaHS	4.32
Navarre 2.1 WNW	FL	CoCoRaHS	4.26
Wiggins 2.7 NNW	MS	CoCoRaHS	4.21
Wiggins, MS	MS	COOP	4.08
Wiggins 1.9 ESE	MS	CoCoRaHS	4.00
Perkinston 1.7 NE	MS	CoCoRaHS	3.99
Navarre FL 6E	FL	EVX Staff Me	3.81
Wright 0.7 NNW	FL	CoCoRaHS	3.65

### Highest NOAA Tide Gage Observations

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Bayou La Batre	AL	MHHW	3.04
West Fowl River Bridge	AL	MHHW	2.81
USCG Sector Mobile	AL	MHHW	2.80
Dog River Bridge	AL	MHHW	2.49
Mobile State Docks	AL	MHHW	2.42
East Fowl River Bridge	AL	MHHW	2.40
Chickasaw Creek	AL	MHHW	2.28
Dauphin Island	AL	MHHW	2.05
Pensacola Bay	FL	MHHW	2.04

### Lowest 10 Pressures

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Sand Hill MS VFD	MS	Mesonet	998.7
Waynesboro MS WABO Radio	MS	Mesonet	999.5
Gulf Shores-Foley	AL	WxFlow	999.8
Leakesville	MS	Mesonet	999.8
Agricola	MS	Mesonet	1000.3
Gulf Breeze High School	FL	WeatherSTEM	1000.5
Lucedale MS GCMEMA	MS	Mesonet	1000.7
Grand Bay	AL	Mesonet	1000.7
Buccaneer Yacht Club	AL	WxFlow	1001.4
Mobile (USA Campus West)	AL	Mesonet	1001.4

### ***Report Last Updated on 09/13/2024:***

The following files have been updated: wind and pressure, rainfall, water levels, and tornadoes.