

POST TROPICAL CYCLONE REPORT

Storm Name	Tropical Storm Francine
NWS Office	Brownsville/Rio Grande Valley
Begin/End Date	09/08/2024 - 09/10/2024
Fatalities	0 - Direct 0 - Indirect
Tornadoes	0

Event Summary

Hurricane Francine made landfall as a category 2 in central Louisiana. Overall there were little impacts to the Brownsville/Rio Grande Valley county warning area. Francine remained a Tropical Storm into the 10th with our main impacts being the 8th through the 10th. Along the coastal areas there was beach run up, with high rip currents and high surf. The September 10th morning rainband from Francine was the greatest impact to the area and mostly confined to the lower Rio Grande Valley, most notably Brownsville and South Padre Island causing flooding in both cities. Rainfall totals in Cameron county ranged from around 0.25 near Los Fresnos into to near 7.5 inches in Brownsville. Otherwise there were little to no impacts from wind, storm surge, and 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>	<i>Gust</i>
Port Isabel Cameron Co Ap	TX	ASOS	22	33
Brownsville South Padre Island	TX	ASOS	20	33
Harlingen Rio Grande Valley Intl	TX	ASOS	20	28
Mcallen Miller Intl Ap	TX	ASOS	16	28

* Anemometer heights < 20 m

Highest 10 Marine Winds (kts)*

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
8779749 - SPI Brazos Santiago TX	IOOS Partner	34	41
8779748 - South Padre Island CGS TX	IOOS Partner	28	34
8779280 - Realitos Peninsula TX	IOOS Partner	28	34
WEST GULF - 207 NM East of Brownsvi	NDBC	27	35
8779770 - Port Isabel TX	NOS	25	34
8777812 - Rincon del San Jose TX	IOOS Partner	24	28
8776604 - Baffin Bay TX	IOOS Partner	22	27

* Anemometer heights < 20 m

Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
BROWNSVILLE 12.6 E	TX	CoCoRaHS	7.45
BROWNSVILLE S PADRE ISLAND INTL AI	TX	WBAN	7.44
WFO BROWNSVILLE	TX	NWSLI	7.36
BROWNSVILLE 6.4 SE	TX	CoCoRaHS	7.35
BROWNSVILLE 1.9 ESE	TX	CoCoRaHS	6.98
BROWNSVILLE 4.1 E	TX	CoCoRaHS	6.86
BROWNSVILLE 4.1 ENE	TX	CoCoRaHS	6.24
BROWNSVILLE 1.7 NNE	TX	CoCoRaHS	5.98
BROWNSVILLE 0.1 SSE	TX	CoCoRaHS	5.66
BROWNSVILLE 4.3 NW	TX	CoCoRaHS	5.55

Highest NOAA Tide Gage Observations

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Port Isabel	TX	MHHW	2.06
South Padre Island CG Station	TX	MHHW	2.03
SPI Brazos Santiago	TX	MHHW	1.87
Realitos Peninsula	TX	MHHW	1.80

Lowest 10 Pressures (MSLP)

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
WEST GULF - 207 NM East of Brownsville TX		NDBC	1000.9
8779749 - SPI Brazos Santiago TX		IOOS Partner	1003.8
8779748 - South Padre Island CGS TX		IOOS Partner	1004.4
8779280 - Realitos Peninsula TX		IOOS Partner	1004.8
8779770 - Port Isabel TX		NOS	1005.1
8777812 - Rincon del San Jose TX		IOOS Partner	1006.2
8776604 - Baffin Bay TX		IOOS Partner	1007.1
Brownsville South Padre Island	TX	ASOS	1009.5
Port Isabel Cameron Co Ap	TX	ASOS	1010.0
Harlingen Rio Grande Valley Intl	TX	ASOS	1010.7

Report Last Updated on 09/13/2024:

The following files have been updated: All files updated

Remarks: