

POST TROPICAL CYCLONE REPORT

Storm Name	Hurricane Milton
NWS Office	Miami-South Florida
Begin/End Date	10/8/2024 - 10/10/2024
Fatalities	0 - Direct 0 - Indirect
Tornadoes	15

Event Summary

Hurricane Milton became a Category 5 hurricane in the southwestern Gulf of Mexico on Monday, October 7th about 735 miles SW of Tampa while moving ESE, then turned E and NE on Tuesday, October 8th while maintaining Category 4 and 5 strength. Milton's maximum winds decreased as it approached the Florida peninsula on Wednesday, October 9th, and made landfall near Siesta Key as a Category 3 hurricane with maximum sustained winds of 120 mph. The outer circulation of Milton began affecting South Florida late Tuesday night, October 8th, with tropical storm force wind gusts spreading across South Florida through the early morning hours of Thursday, October 10th. A total of 15 tornadoes were recorded across South Florida on Wednesday, October 9th, two of these reaching EF-3 on the Enhanced Fujita Scale. A maximum storm tide of around 5 ft above Mean Higher High Water was measured along the Collier County coast during the evening of Wednesday, October 9th.

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>
FSWN Glades Alvin Ward Park	FL	WEATHERSTE	44	49
US Sugar 4 - 4 SE Clewiston	FL	CCU	43	
US Sugar 5 - 12 E Pahokee	FL	CCU	40	
US Sugar 6 - 5 ENE Belle Glade	FL	CCU	40	
FSWN Collier County EOC	FL	WEATHERSTE	39	51
US Sugar 3 - 13 SE LaBelle	FL	CCU	38	
S75WX - Brighton	FL	SFWMD	36	
FSWN Glades Muse EMS 3	FL	WEATHERSTE	36	50
Turkey Point	FL	WxFlow	35	48
GW1630 NAPLES	FL	APRSWXNET/	35	56

* Anemometer heights < 20 m

Highest 10 Marine Winds (kts)*

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
USACE S273 Lake Okeechobee	CCU	49.0000	
Lake Okeechobee North	SFWMD	44.0000	52
Lake Okeechobee South	SFWMD	44.0000	53
Lake Okeechobee Center	SFWMD	43.0000	53
FSWN Lake Okeechobee Lock 7	WEATHERSTE	42.0000	57
Juno Beach Pier	WxFlow	40.0000	53
FSWN Delray Beach North	WEATHERSTE	40.0000	47
Lake Worth Pier	NOS	38.0000	46
Navsea 1 - Dania Beach	CCU	37.0000	
U of Miami Rosenstiel School	WEATHERSTE	37.0000	52

* Anemometer heights < 20 m

Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
FSWN Collier County EOC	FL	WeatherSTEM	2.16
Lakeport 2E	FL	UCOOP	2.04
2 NE Big Cypress Reservation	FL	SFWMD	1.60
Royal Palm Beach	FL	APRSWXNET/	1.45
Homestead General Airport	FL	SCAN	1.42
11 W Coral Springs	FL	SFWMD	1.01

Highest NOAA Tide Gage Observations

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Naples Bay North	FL	MHHW	5.08
Virginia Key	FL	MHHW	1.34
South Port Everglades	FL	MHHW	1.11
Lake Worth Pier	FL	MHHW	1.02

Lowest 10 Pressures

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Naples Municipal Airport	FL	ASOS	995.4
Palm Beach International Airport	FL	ASOS	999.0
Lake Worth Pier		NOS	1000.0
Ft Laud/Hollywood Intl Airport	FL	ASOS	1000.5
South Port Everglades		NOS-NTC	1000.6
Pompano Beach Airpark	FL	ASOS	1000.7
Ft Lauderdale Executive Airport	FL	ASOS	1000.8
Hollywood North Perry Airport	FL	ASOS	1001.1
Miami-Tamiami Executive Airport	FL	ASOS	1001.1
Miami Opa Locka Airport	FL	ASOS	1001.2

Report Last Updated on 10/15/2024

This is the initial issuance. The following files have been updated: Summary, Wind and Pressure, Rainfall, Water Level, and Tornadoes