

POST TROPICAL CYCLONE REPORT

Storm Name	Milton
NWS Office	Key West
Begin/End Date	10/07/2024- 10/10/2024
Fatalities	0 - Direct 0 - Indirect
Tornadoes	1

Event Summary

Hurricane Milton moved northeast across the eastern Gulf of Mexico, gradually weakening from category 5 to category 4 strength while passing, at the closest approach, about 180 statute miles to the northwest of Key West on the afternoon of October 9, 2024. Widespread lower-end tropical storm force winds overspread the Lower Florida Keys and its adjacent coastal waters producing isolated large tree limb and utility line damage. Coastal flooding in lowest elevation parts of the Florida Keys occurred initially with storm surge around 1.5 feet MHHW along the oceanside of the Florida Keys accompanied by heavy wave action on October 9th, with a secondary Gulfside and Florida Bayside storm surge of higher magnitude during the early through mid morning hours October 10th. The highest storm surge values near 3.0 feet above MHHW occurred in Key Largo along Blackwater Sound. One tornado was observed as a waterspout moved ashore the far southwest portion of Key West.

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>
Key West International Airport	FL	ASOS	35	51
NWS WFO Key West	FL	RSOIS		50
NAS Key West Boca Chica Field	FL	ASOS	28	49
Keys Energy Big Coppitt Substation	FL	MesoNet	39	48
Stock Island Keys Energy Power Plant	FL	MesoNet	34	46
Key West Harbor - Tide Gauge	FL	NOS	33	45
Marathon/Crawl Key	FL	WeatherFlow	27	41
USCG Sector Key West	FL	WeatherFlow	26	40
Keys Energy Big Pine Substation	FL	MesoNet	29	40
Keys Energy Cudjoe Substation	FL	MesoNet	27	40

* Anemometer heights < 20 m

Highest 10 Marine Winds (kts)*

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Sand Key	C-MAN	45	51
Carysfort Reef Light	WeatherFlow	40	45
Alligator Reef Light	WeatherFlow	33	43
Long Key Light	C-MAN	37	41

* Anemometer heights < 20 m

Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
Naval Air Station Key West Boca Chica	FL	ASOS	2.14
Cudjoe Key	FL	CoCoRAHS	2.14
Florida Keys Marathon International Ai	FL	ASOS	1.83
Key West 0.4 E	FL	CoCoRaHS	1.82
Marathon 1.7 ENE	FL	CoCoRaHS	1.79
Key Deer National Wildlife Refuge	FL	RAWS	1.77
Key West 2.8 ENE	FL	CoCoRaHS	1.74
Big Pine Key 0.9 WNW	FL	CoCoRaHS	1.72
Big Pine Key 0.7 NW	FL	CoCoRaHS	1.70
Summerland Key 0.8 SE	FL	CoCoRaHS	1.59

Highest NOAA Tide Gage Observations

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Vaca Key Florida Bay	FL	MHHW	1.95
Key West Harbor	FL	MHHW	1.23

Lowest 10 Pressures (MSLP)

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Sand Key	FL	C-MAN	1002.9
Long Key Light	FL	C-MAN	1003.1
NAS Key West Boca Chica Field	FL	ASOS	1003.3
Key West Harbor	FL	NOS	1004.0
Key West International Airport	FL	ASOS	1004.2
Marathon Florida Keys International Ai FL		ASOS	1004.8

Report Last Updated on [10/02/2024]:

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

Remarks:

Rainfall data from Key West International Airport and WFO Key West calendar day accumulations from Sep 24 through Sep 26. All other sites feature rainfall accumulation from 1200 UTC Sep 24 through 1200 UTC Sep 27 2024