

EXECUTIVE ADVISORY GROUP



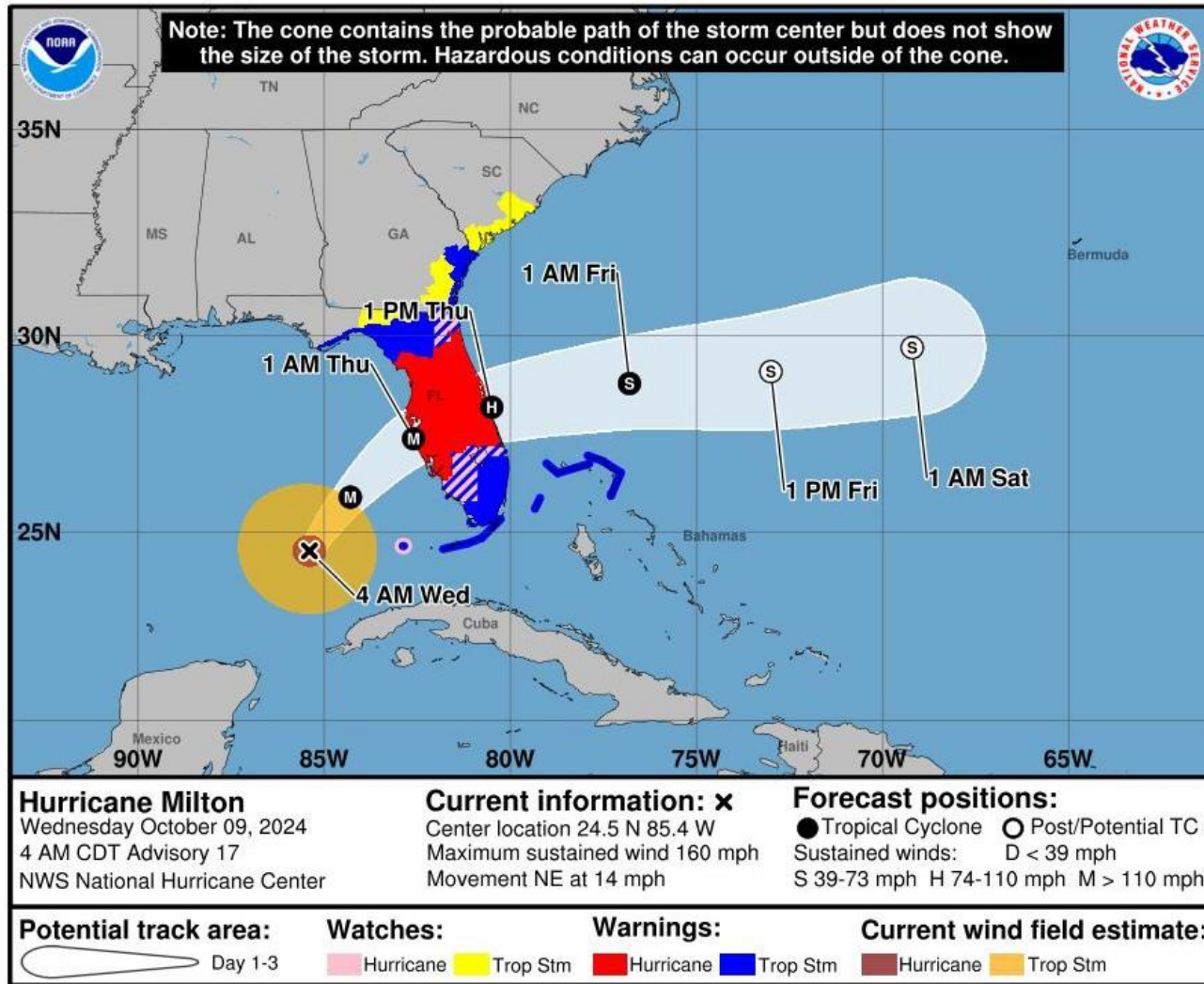
Hurricane Milton

October 9, 2024 – 9AM



Tropical Briefing: Major Hurricane Milton

Latest Forecast Information



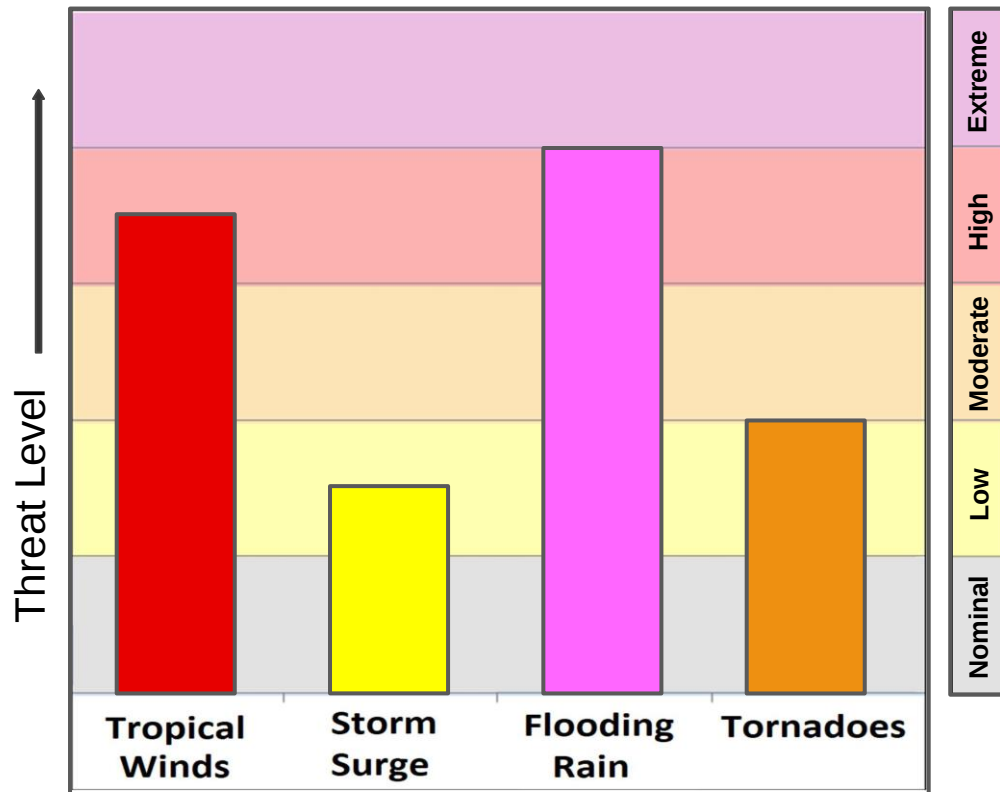
- The threat situation remains very serious for Central Florida!
- Milton is a powerful and dangerous Category 5 hurricane with maximum sustained winds of 160 mph. Movement was NE at 14 mph.
- Milton is forecast to remain a major hurricane before making landfall on the west coast of Florida tonight!
- Milton is forecast to move fully across the central peninsula as a hurricane before exiting offshore Thursday.
- *Remember: Milton is likely to become a larger storm as it approaches Florida! Impacts will occur well away from its center and outside the forecast error cone.*



Tropical Briefing: Major Hurricane Milton

Latest Hazards Assessment

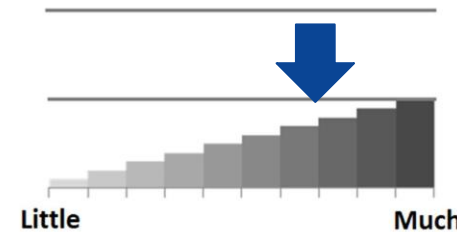
For east central Florida



Overview

- **Damaging hurricane conditions** are becoming likely across a large part of east central Florida, with strong tropical storm conditions in Martin County.
- **Flooding rain** threat is high to extreme for locations along and north of Milton's center track. Flooding, flash flooding, and river flooding with dangerous impact potential are becoming likely.
- **Tornadoes** are increasingly likely before and during Milton's trek across the peninsula, especially in outer rainbands. The threat will increase ahead of Milton as today unfolds.
- **Coastal impacts**, in the form of significant beach and dune erosion, along with coastal storm surge of 3 to 5 feet along portions of Brevard and Volusia counties.

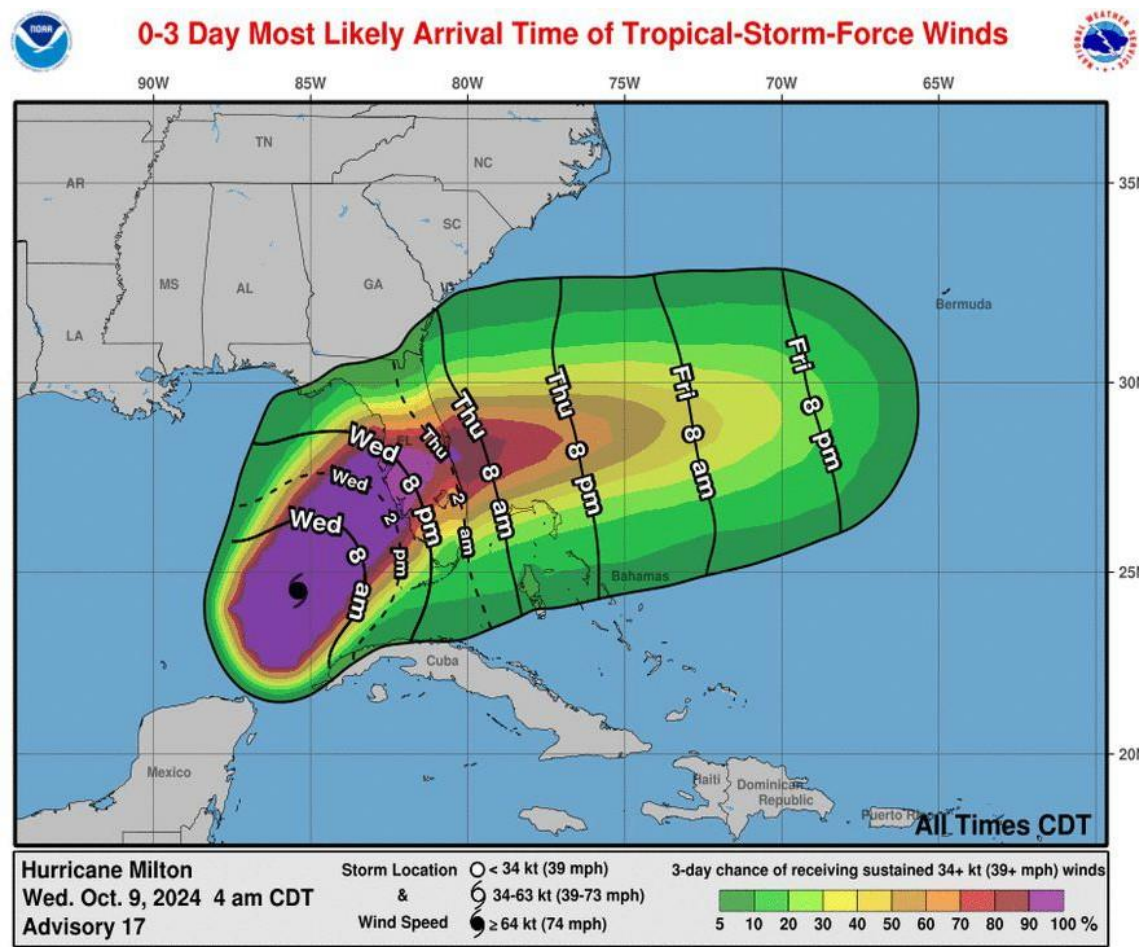
Overall Forecast Confidence





Tropical Briefing: Major Hurricane Milton

Onset of Hazardous Winds - Tropical Storm Force



County	Most Likely Time of Arrival (if they were to occur)	Tropical Storm Force Wind Speed Probabilities (for locations within the county)
Lake	Wed. 10 p.m. +/- 3 hours	70 - 80% (increasing)
Seminole	Thu. 12 a.m. +/- 3 hours	70 - 80% (increasing)
Orange	Wed. 11 p.m. +/- 3 hours	75 - 85% (increasing)
Osceola	Wed. 10 p.m. +/- 3 hours	85 - 95% (increasing)
Okeechobee	Wed. 10 p.m. +/- 3 hours	75 - 85% (increasing)
Volusia	Thu. 12 a.m. +/- 3 hours	50 - 60% (increasing)
Brevard	Wed. 11 p.m. +/- 3 hours	85 - 95% (increasing)
Indian River	Wed. 11 p.m. +/- 3 hours	80 - 90% (increasing)
St. Lucie	Wed. 11 p.m. +/- 3 hours	75 - 85% (increasing)
Martin	Wed. 10 p.m. +/- 3 hours	65 - 75% (increasing)

* The tropical cyclone surface wind speed probabilities provide location-specific probabilities of sustained (1-minute average) surface wind speeds of at least 34 kt (39 mph, tropical storm force).





Tropical Briefing: Major Hurricane Milton

Wind Speed Probabilities



→ The best chances for sustained hurricane force winds will be at locations in vicinity of the center track, and near the coast as Milton moves offshore.

	Locations	Hurricane Force Wind Speed Probabilities
Inland	Leesburg	7% (increasing)
	Sanford	9% (increasing)
	Orlando	18% (increasing)
	Kissimmee	18% (increasing)
	Okeechobee	9% (increasing)
Coastal	Daytona	5% (steady)
	Cocoa Beach	32% (increasing)
	Vero Beach	18% (increasing)
	Fort Pierce	17% (increasing)
	Stuart	7% (steady)
* NOTE: Wind Speed Probabilities are subject to local increases in value (and trend) as the system draws closer, shifts direction toward the location, increases in intensity, or any combination thereof.		

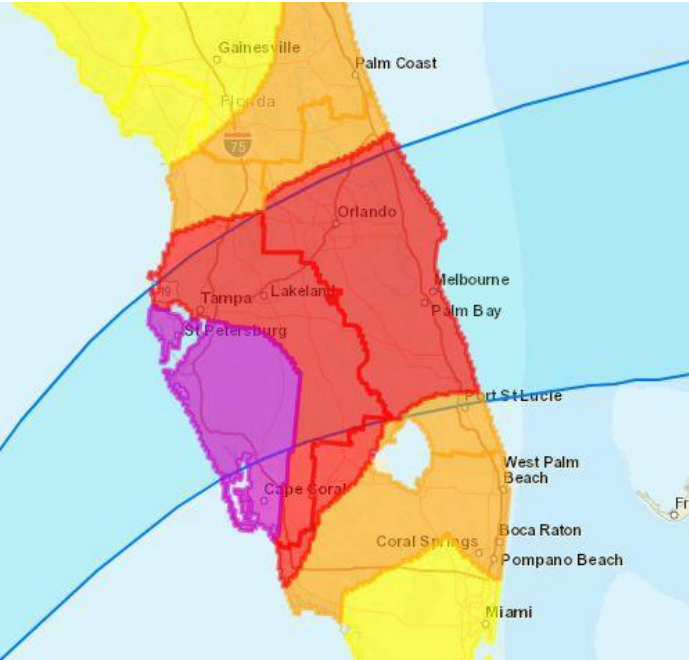




Tropical Briefing: Major Hurricane Milton

Wind Threat - Precautionary & Preparedness

Wind Threat



Wind Threat
Potential for wind greater than 110 mph
Potential for wind 74 to 110 mph
Potential for wind 58 to 73 mph
Potential for wind 39 to 57 mph
Wind less than 39 mph

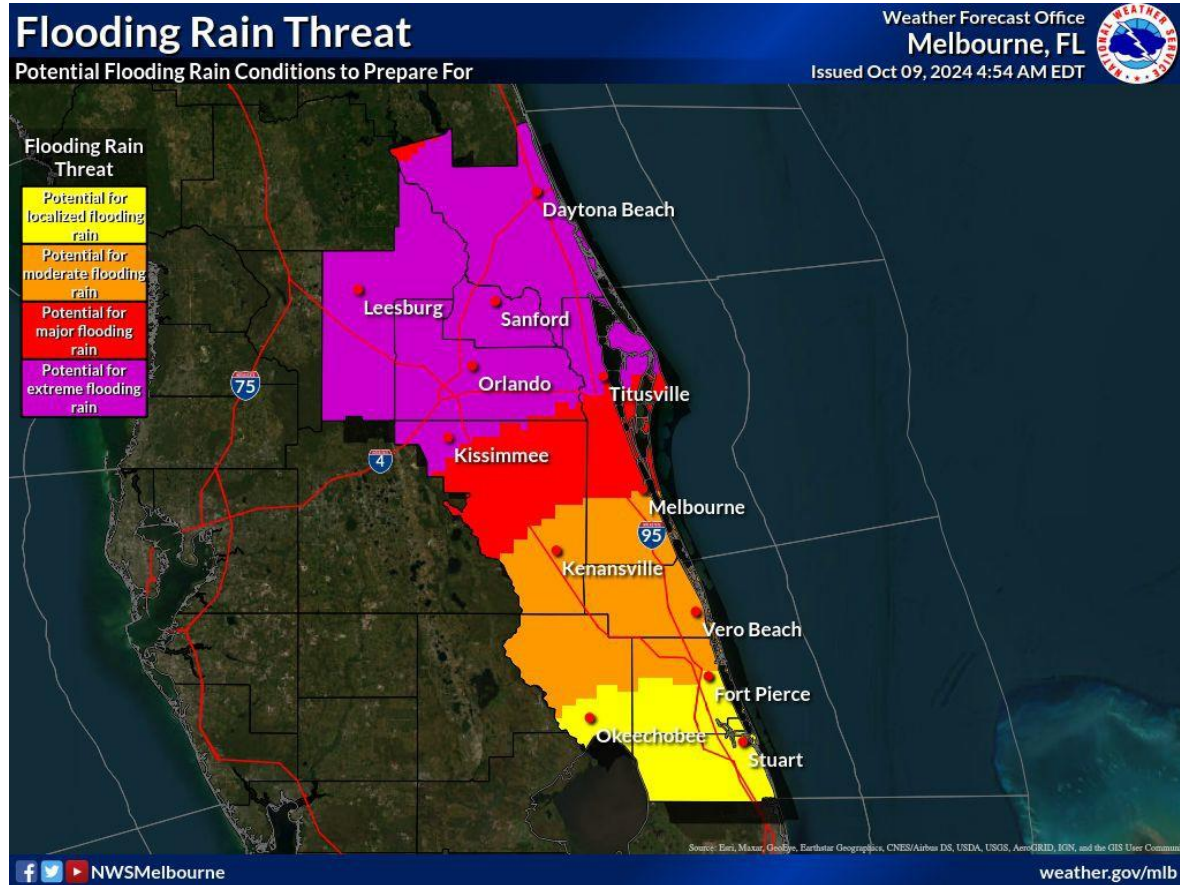
	County	Protect Against The Potential For (Considers Forecast Error)	Current Forecast Of Peak Winds (Forecast Error Not Considered)
Inland	Lake	Hurricane Winds	40 - 50 mph; gusts 65 - 75 mph
	Seminole	Hurricane Winds	40 - 50 mph; gusts 65 - 75 mph
	Orange	Hurricane Winds	45 - 60 mph; gusts 70 - 80 mph
	Osceola	Hurricane Winds	55 - 70 mph; gusts 80 - 100 mph
	Okeechobee	Hurricane Winds	45 - 55 mph; gusts 65 - 80 mph
Coastal	Volusia	Hurricane Winds	50 - 60 mph; gusts 65 - 75 mph
	Brevard	Hurricane Winds	55 - 70 mph; gusts 75 - 95 mph
	Indian River	Hurricane Winds	45 - 55 mph; gusts 70 - 80 mph
	St. Lucie	Hurricane Winds	40 - 50 mph; gusts 65 - 75 mph
	Martin	Hurricane Winds	35 - 45 mph; gusts 60 - 70 mph





Tropical Briefing: Major Hurricane Milton

Flooding Rain Hazard - Precautionary & Preparedness



Flooding Rain Hazard Overview

→ **Flooding rain** threat is high to extreme for locations along and north of Milton's center track.

- ◆ Amounts of 6-12 inches (in larger areas) are possible, with local amounts as high as 15-18 inches.
- ◆ Flooding, flash flooding, and river flooding with dangerous impact potential are becoming increasingly likely, particularly near and north of Milton's track!

Important: a Flood Watch is in effect for all of east central Florida through late Thursday.



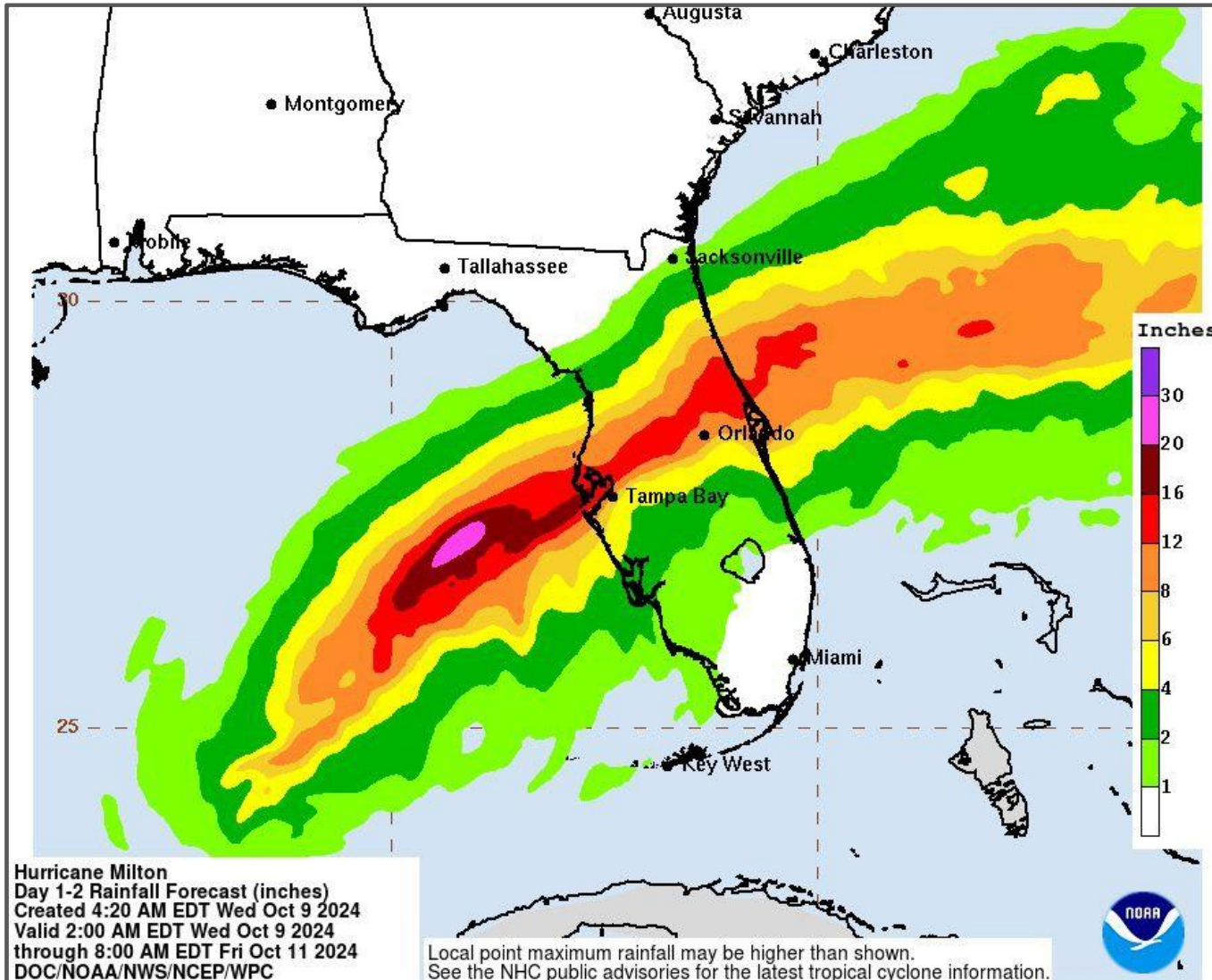


Tropical Briefing: Major Hurricane Milton

October 9, 2024

5:57 AM

Rainfall Forecast through 8 a.m. Friday



- The outer rainbands of Milton will begin to spread from south to north today, leading to locally heavy rain.
- Rain will increase in coverage and intensity as the system moves across the area tonight into Thursday - with the greatest impact expected along and to the north of Milton's track.
- Amounts of 6-12 inches (in larger areas) are possible, with **highs of 15-18 inches**.

@NWSMelbourne



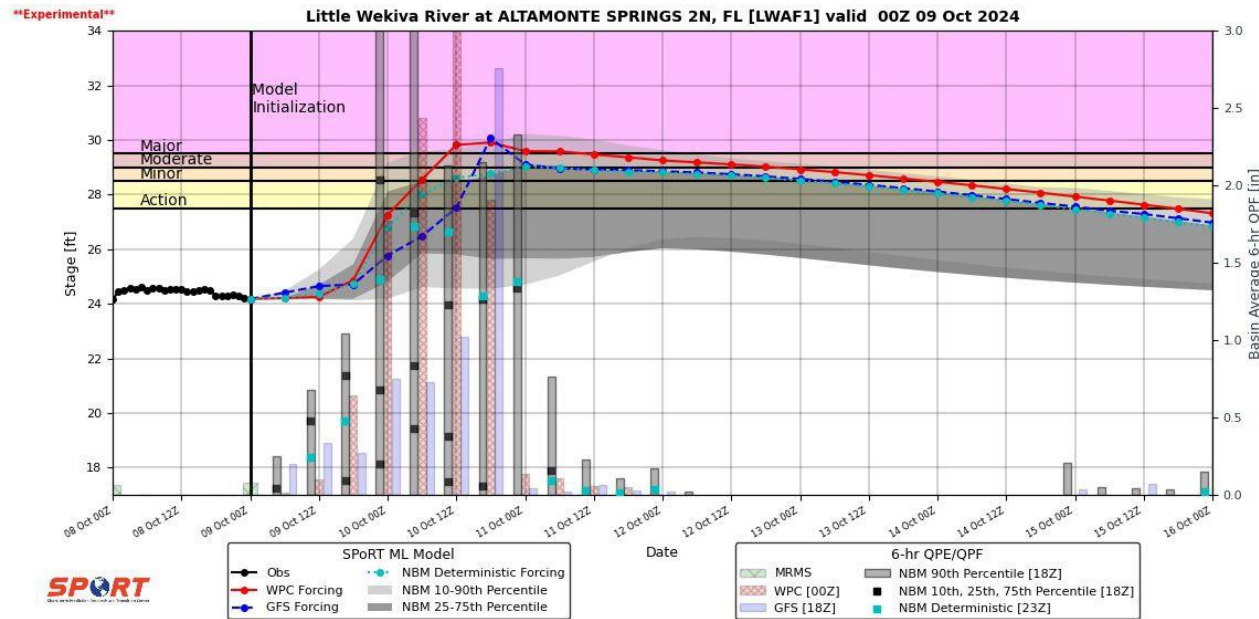
National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Melbourne



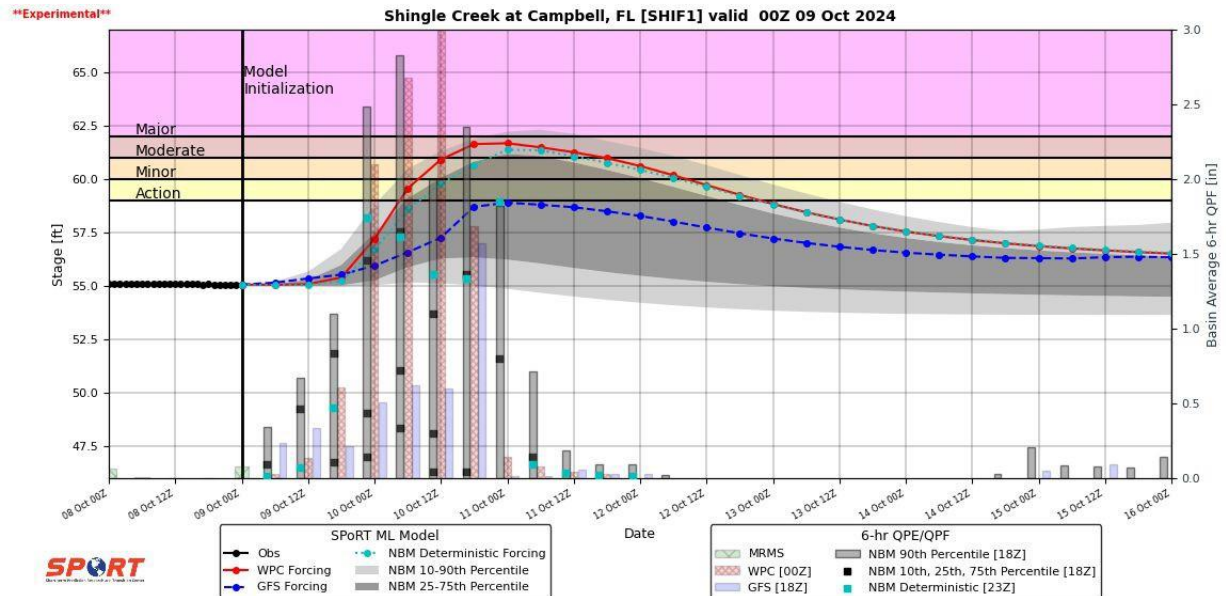
Tropical Briefing: Major Hurricane Milton

Little Wekiva & Shingle Creek



Little Wekiva

- Rise to **Major Flood Stage**.
- Preparations for near record flood should be considered.



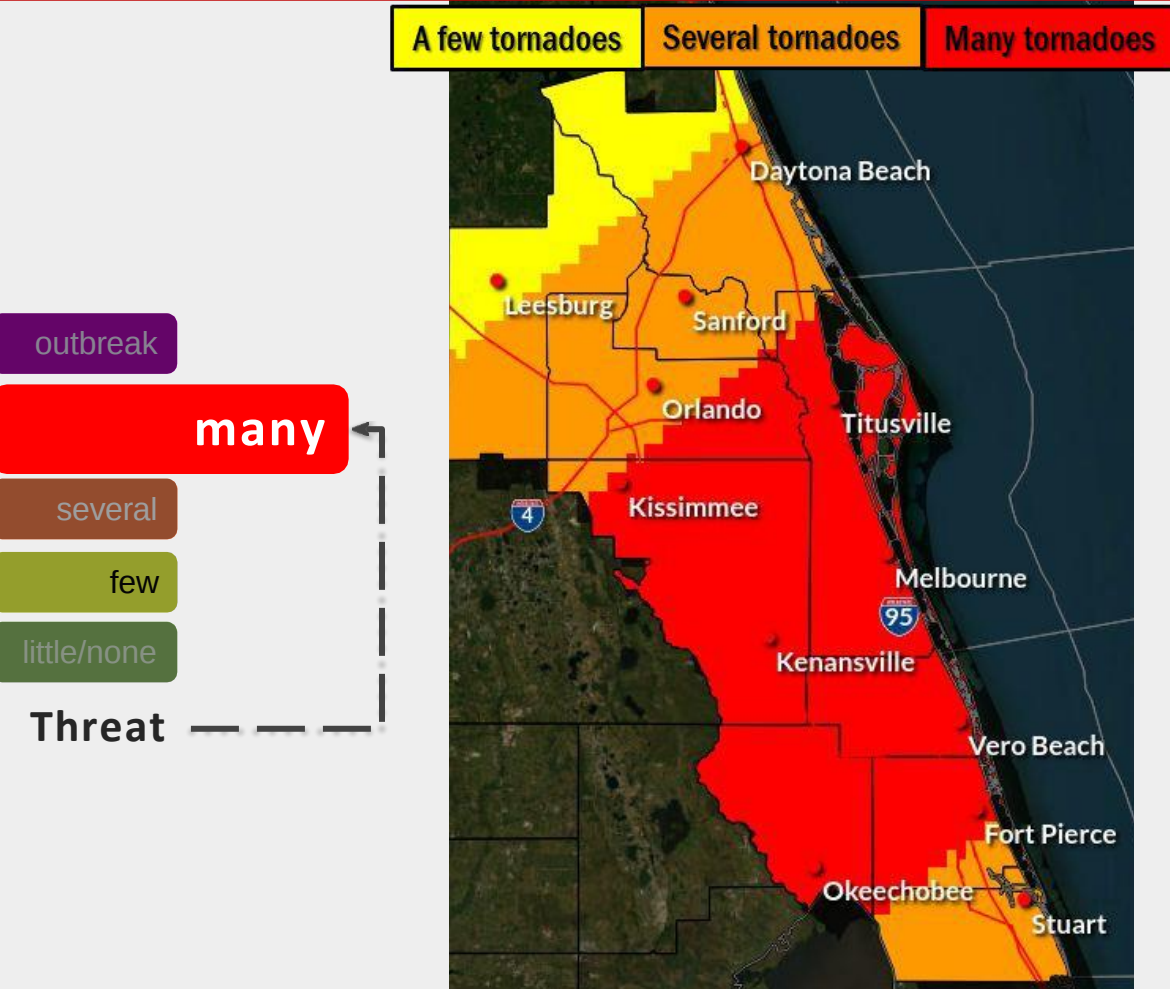
Shingle Creek

- Rise to **Moderate Flood Stage**.
- Preparations for major flood stage should be considered.

HIGHLY dependent on track and axis of heaviest rainfall



Tornado Threat



Several to many tornadoes can hinder emergency plans during tropical events.

Many places may experience...

- Tornado damage, with isolated immense destruction
- Power & communications failures

Examples of potential damage:

- Roof and wall failures of sturdy buildings. Some buildings may be leveled.
- Mobile homes obliterated
- Large trees snapped or twisted
- Vehicles & small boats tossed or destroyed

More Details: weather.gov/mlb/hti



WEATHER FORECAST OFFICE

Melbourne Florida

Updated: October 9, 2024

Major Hurricane MILTON

Category

5

Advisory 17

5 AM EDT

BOTTOM
LINE

Do not focus on the forecast track! Hazardous conditions will unfold through the day. Preparations should be complete this morning!

CHANGES

- The tornado threat will increase quickly this afternoon as rain bands reach the area.
- No changes to Watches or Warnings.

! IMPACTS >>

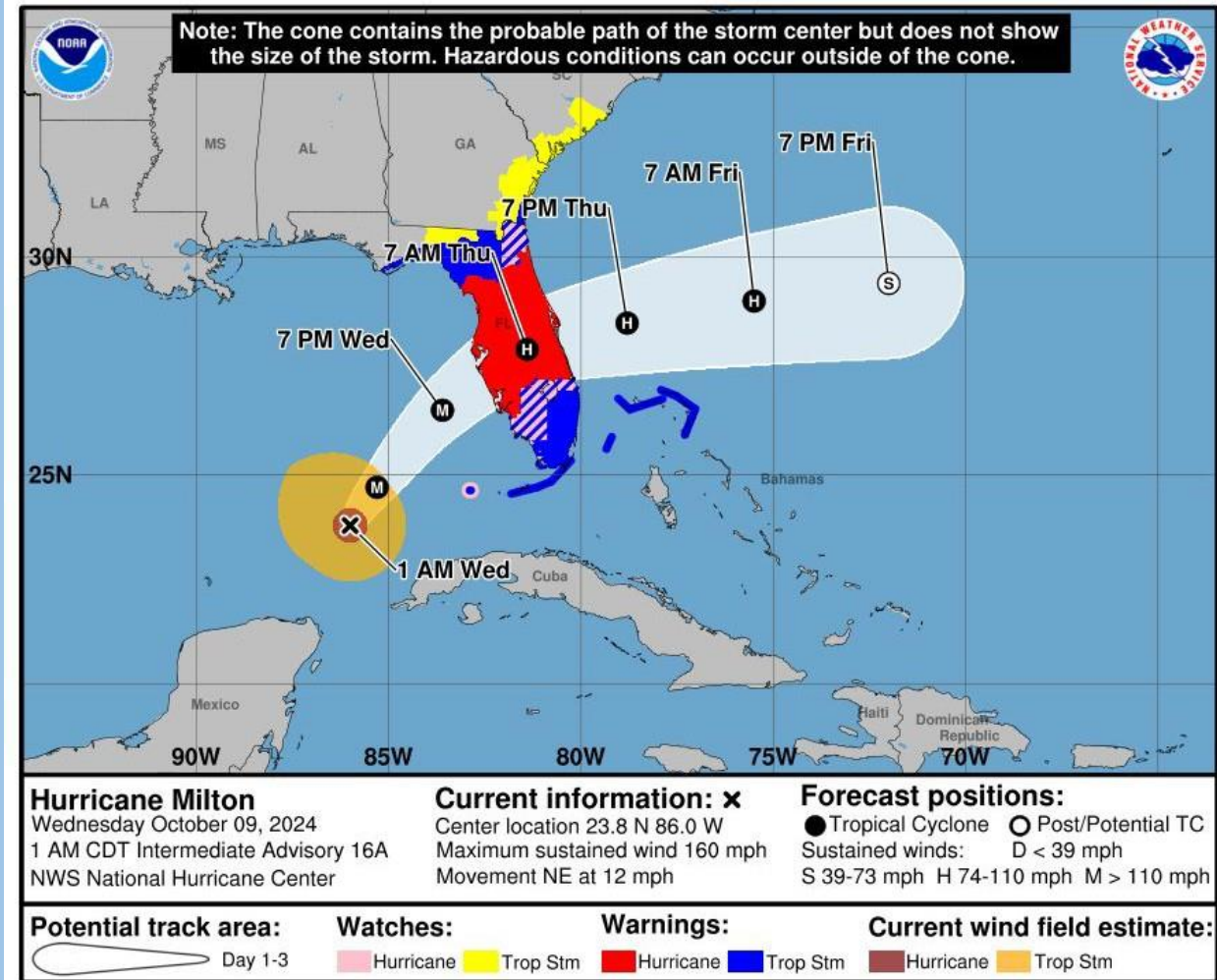


- Damaging hurricane force winds, especially in gusts. Several to many tornadoes are also possible.
- Life-threatening flash flooding likely, 10-15"+ rain north of Milton's center.
- Battering surf, storm surge, & beach erosion expected, especially for the Volusia & Brevard coastline.



WEATHER FORECAST OFFICE

Melbourne Florida



Stay Informed: weather.gov/melbourne

Updated: 5 AM Oct. 9, 2024

Major Hurricane MILTON

Do not focus on the forecast track! Hazardous conditions will occur well outside of the cone. Hurricane preparations should be rushed to completion this morning!

Hurricane **WARNING**

Brevard, Indian River, Lake, Orange, Osceola, Seminole, Volusia, Okeechobee, & Saint Lucie Counties

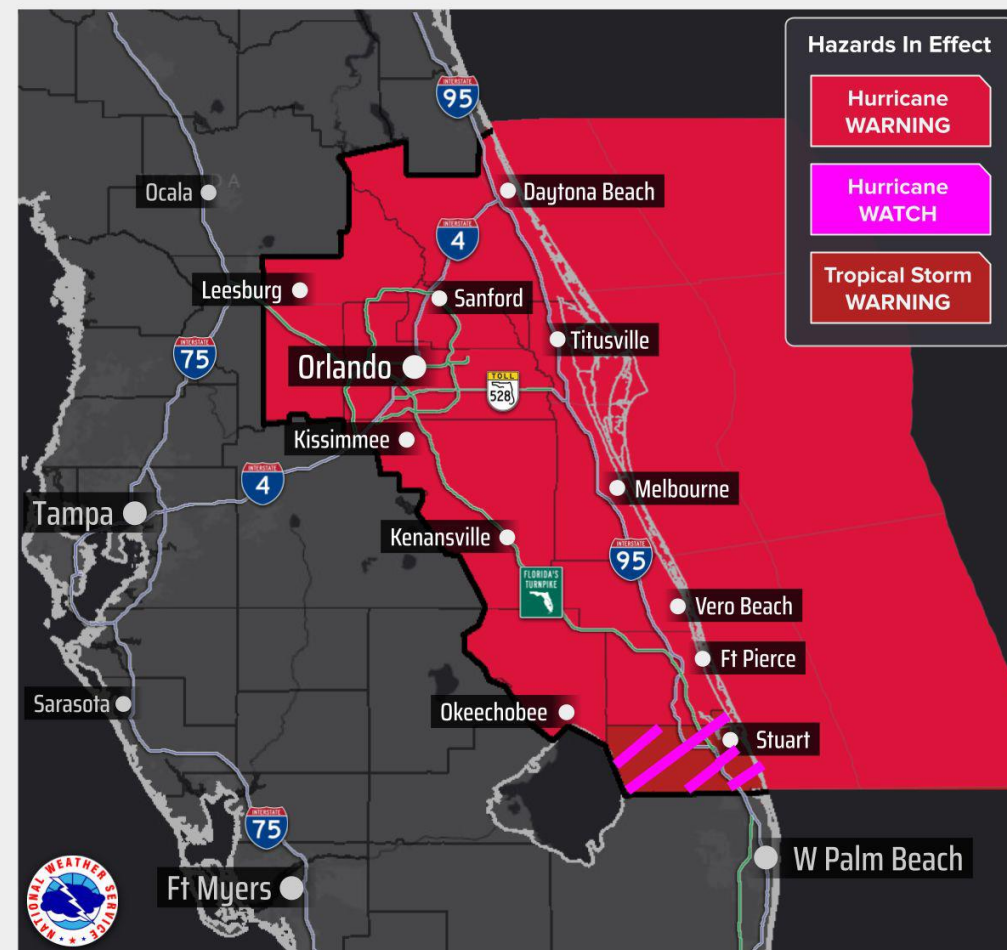
Tropical Storm **WARNING**

Hurricane **WATCH**

Martin County

Storm Surge **WARNING**

Volusia County Coast and Brevard Barrier Islands



Tropical Wind Watches & Warnings

Stay Informed: weather.gov/mlb/hti

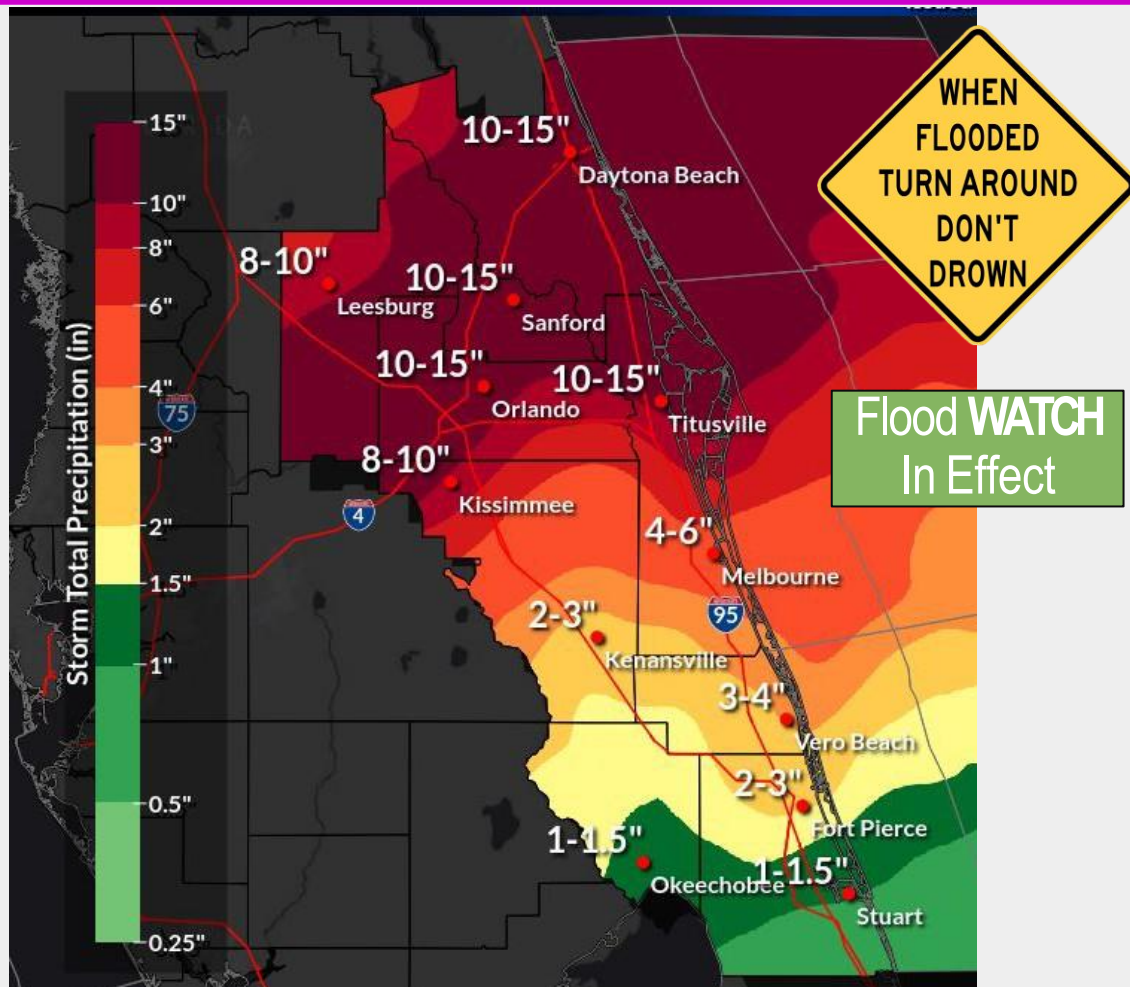


WEATHER FORECAST OFFICE

— Melbourne  Florida —

Updated: 5 AM Oct. 9, 2024

Flooding Rainfall Forecast



Through 8AM Friday (10/11)



- Life-threatening street & urban flooding.
- Flooding of rivers, creeks, streams, & other low-lying and flood prone areas.
- Flooding can enter homes & businesses.



- Never drive through flooded roadways.
- When water rises, get to higher ground.
- Stay informed on the latest forecast.

More Details: weather.gov/mlb



WEATHER FORECAST OFFICE

— Melbourne  Florida —

Updated: October 9, 2024

Current EOC Schedule

- **FDEM/NHC Call** (11:15am and 5:15pm)
- **NWS Melbourne Call** (11:45am and 5:45pm)
- **Region 5 EM Directors Call** (12:30pm)

- **EAG Status Calls** (Daily 9AM & 3PM)

- Daily Situational Report (by 7pm)

Current Status

State EOC – Level 1

- Executive Order (#24-214)

County and Government Actions –

- County Local State of Emergency (Executed 10/7/24) 24-210R
- **Level 1 (Full)** – Tuesday (0700) – 24/7 Operations through Thursday
- School District – **Closed Tuesday - Thursday**
- County & City Governments – **Closed on Wednesday & Thursday**
- UCF – **Closed Tuesday through Thursday**
- 9th Circuit Courts **Closed Wednesday and Thursday**
- **GOAA (OIA)** - **Closes on Wednesday Morning**

Current Operations - Shelters

Shelters – Open this morning at 0800

Celebration High

Kissimmee Middle (Pet)

Liberty High (Pet)

Gateway High (Pet) & Government Staff

Harmony High (Pet)

Kenansville Community Center

Holopaw Community Center

St. Cloud High -Standby

Narcoossee Middle - Standby

Central Ave Elementary (Good Sam Residents) – current count 11

Special Needs Shelter – Current count 11