Hurricane Milton Briefing

7 AM

Wednesday, Oct 9, 2024

Milton Forecast to make Landfall as a Category 4 Storm.

Disclaimer: The information contained within is time-sensitive. Do not use after: 10 AM Today

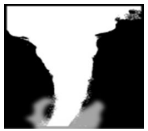
Situation Overview

Hurricane Milton

- This continues to be a historic storm from the Tampa Bay region southward to Charlotte.
- Hurricane Warning continues for the entire area. Cat 4 (130 mph) forecast at landfall, with the expanding wind field still expected.
- Storm Surge Warning continues for the entire coast except for Levy county. Life-threatening storm surge forecast:
  - 10-15 ft AGL for Hillsborough, Manatee, Sarasota, Charlotte
  - 9-13 ft AGL Pinellas
  - 8-12 ft AGL for Lee
  - 4-7 ft AGL for Pasco
  - 2-4 ft AGL Hernando, Citrus
  - 3-5 ft MSL Levy
  - Negative Surge can occur north of the landfall location, but the average forecast error at this time is 40 miles.
- Flood Watch out for the entire area through Thursday evening. Rainfall amounts of 6 to 12 inches, with localized totals up to 18 inches. Many rivers forecast to go into moderate to major flood stage with a few possibly reaching record levels.
- Timing of impacts to the area looks to be as early as this afternoon and continuing as late as Thursday evening.

Situation Overview

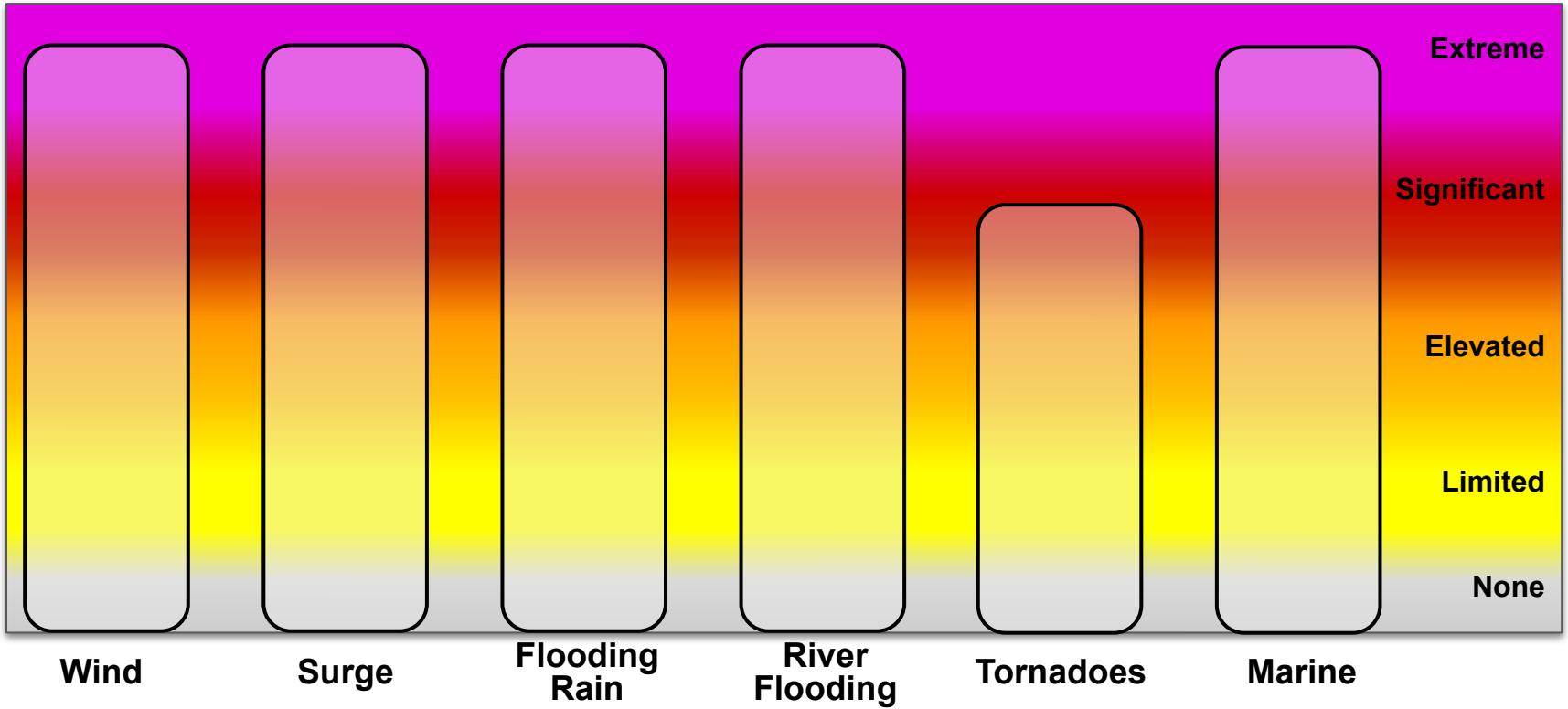
Hurricane Milton

Hazard	Impacts	Location	Timing
 **Wind**	Hurricane force winds across the entire coast and extending inland	Entire Area possible, though percentages lowering north	this afternoon into Thursday afternoon
 **Storm Surge & Inundation**	Life-threatening storm surge	Highest values Tampa Bay south to Charlotte	Midday into Thursday afternoon
 **Flooding Rain**	Many rivers going into Flood Stage	Areawide	Into next week
 **Tornado**	Potential for several tornadoes	Greatest chances along and south of I-4	this morning into Thursday morning
 **Marine**	Hazardous Marine Conditions	Coastal Marine Waters	through at least Friday

Threat Levels

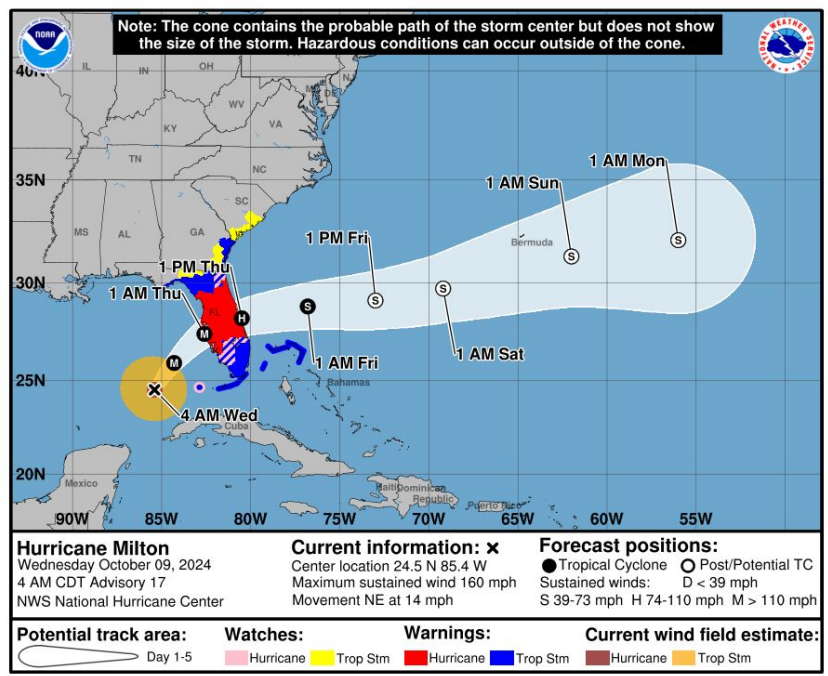
Hurricane Milton

For information on specific hazards in this area, please go to: https://www.weather.gov/srh/tropical?office=tbw



Situation Overview

Hurricane Milton

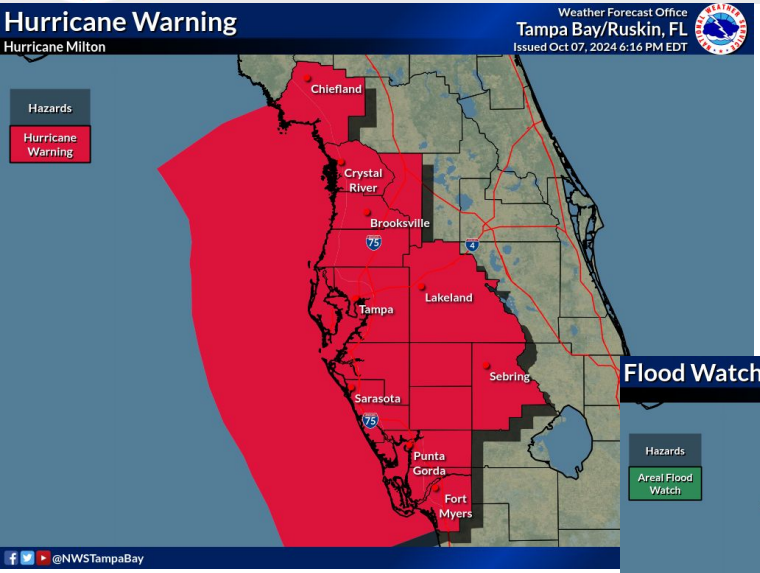


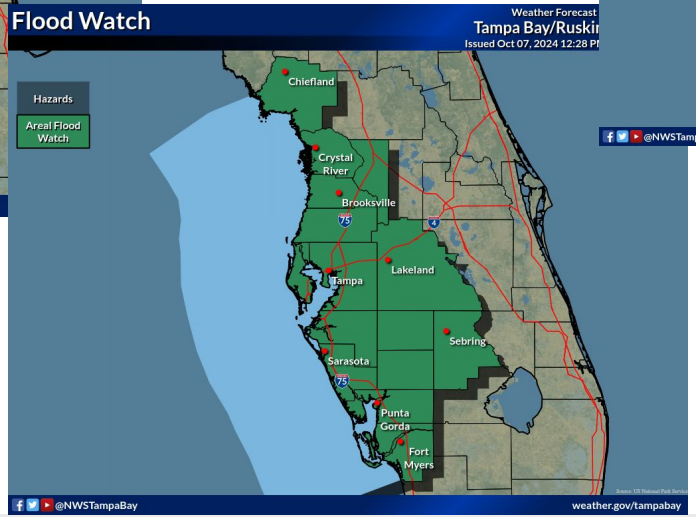
NOTE: *Do not focus on the exact track.*
Impacts can occur well outside the area enclosed by the cone.

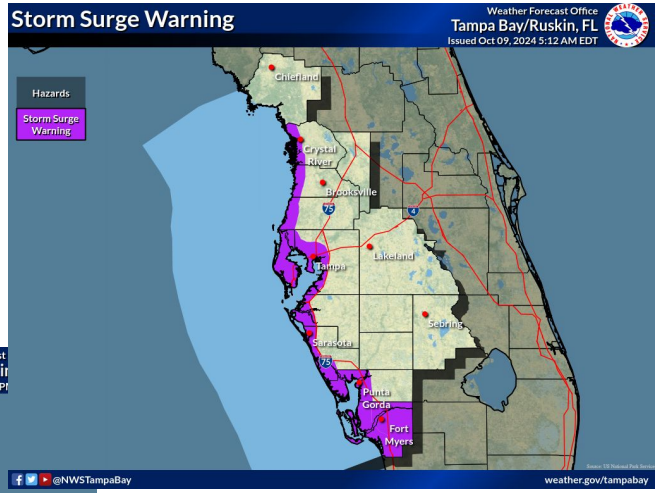
- Hurricane Milton is a Cat 5 with max winds of 160 MPH. Forecast to be a Cat 4 (130mph) at landfall with an expanding wind field.
- Fairly steady track from previous forecast cycle. Average error is 40 miles at this time range.

Current Watches and Warnings

Hurricane Milton

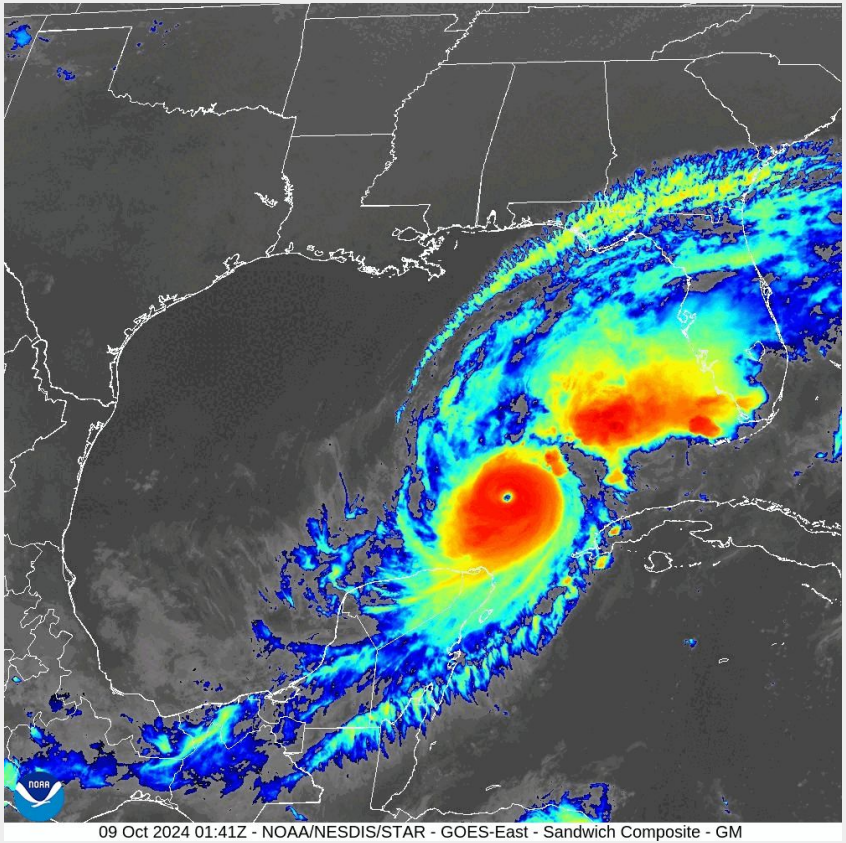






Current Satellite View

Hurricane Milton



Hurricane Milton:

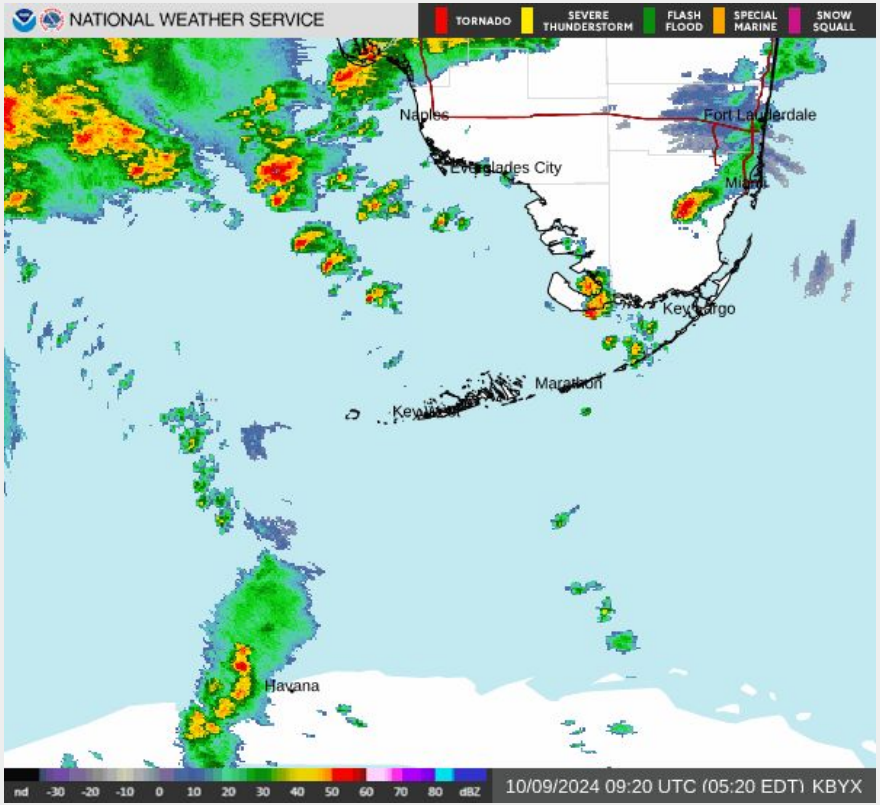
- Located 300 miles SW of Tampa, FL
- Maximum Sustained Winds: 160 MPH
- Movement: NE at 14 mph
- Central Pressure: 907 mb

Hurricane Force Winds extend out 30 miles

Tropical Storm Force Winds extend out 125 miles.

Current Radar View

Hurricane Milton



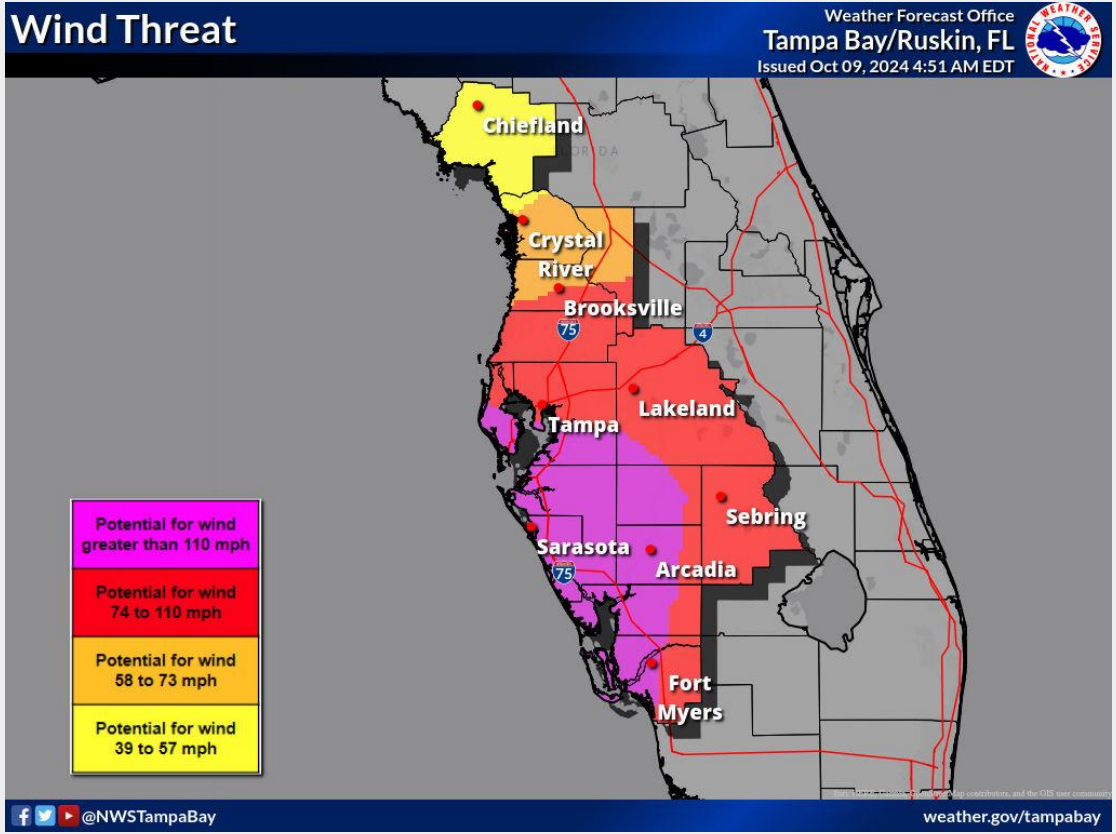
Starting to see some of the outer bands from Milton on the Key West radar.

Last updated: 10/9/2024 6:30 AM EDT

National Weather Service - Tampa Bay Area, FL

Wind Threat / Potential Impact

Hurricane Milton

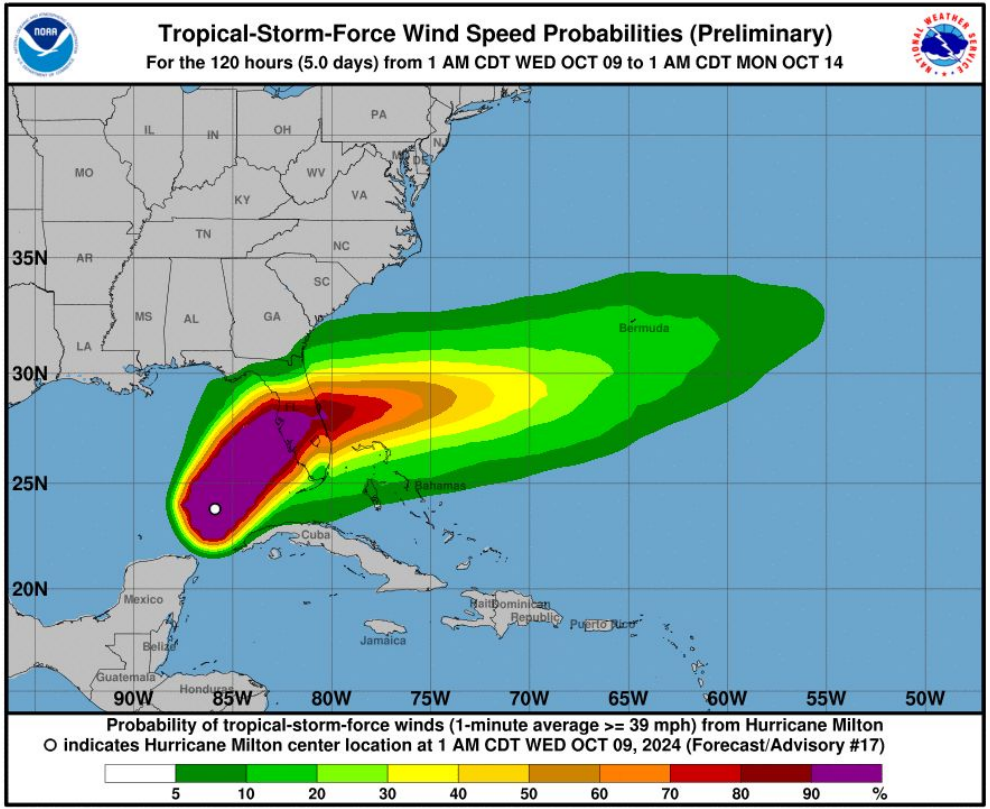


There is a potential for:

- Cat 3 or higher winds along the coast around Tampa Bay and south.
- Hurricane force winds will extend well inland where the center of the storm tracks. Higher chances have shifted south with the track.

Tropical Storm Wind Speed Probabilities

Hurricane Milton



- Probabilities 90-100% across the Tampa Bay region southward along the coast and inland along and south of the I-4 corridor.

50 kt (58 mph) Wind Speed Probabilities

Hurricane Milton



- Probabilities as high as 90% along the Tampa Bay coast to the south. Probabilities as high as 60-70% inland along the track and to the south.

Hurricane Wind Speed Probabilities

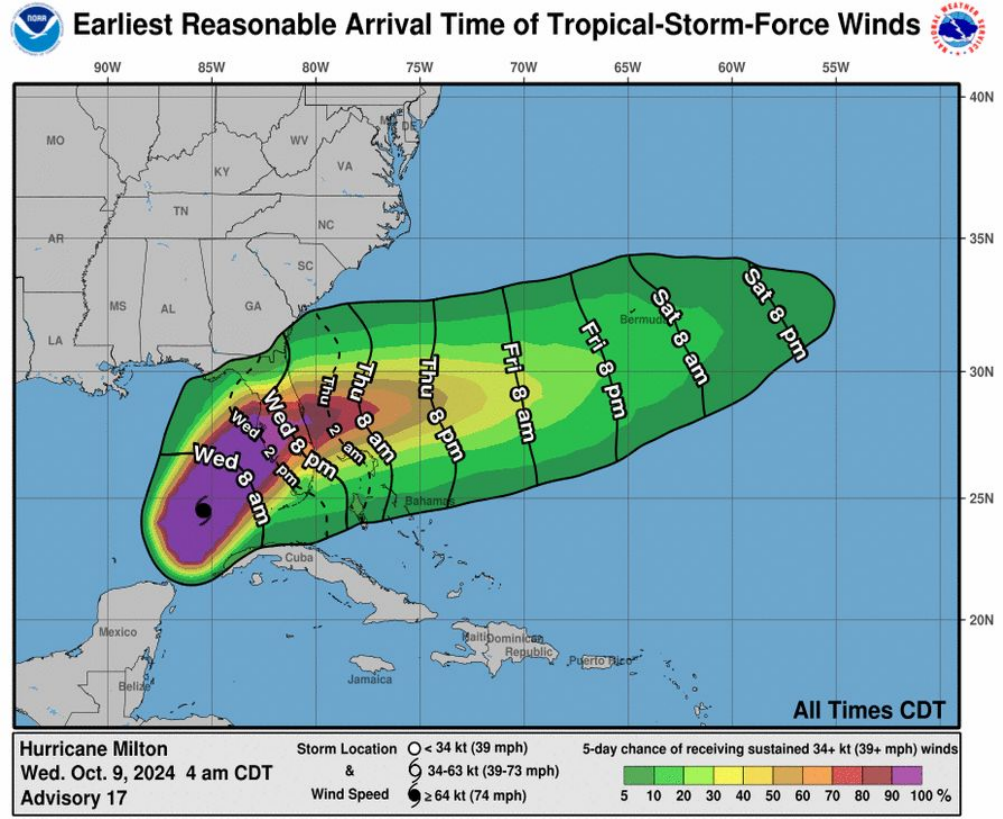
Hurricane Milton



- Probabilities as high as 60-70% along the Tampa Bay coast and to the south. Probabilities as high as 40-50% inland along the track and south.

Earliest Reasonable Time of Arrival

Hurricane Milton



County	Chance	Earliest Arrival Time	Most Likely Arrival Time
Lee	99%	1 pm Wed	2 pm Wed
Charlotte	100%	1 pm Wed	2 pm Wed
Sarasota	100%	2 pm Wed	4 pm Wed
DeSoto	98%	5 pm Wed	7 pm Wed
Hardee	98%	5 pm Wed	7 pm Wed
Highlands	96%	7 pm Wed	10 pm Wed
Manatee	99%	2 pm Wed	4 pm Wed
Pinellas	98%	2 pm Wed	4 pm Wed
Pasco	98%	4 pm Wed	6 pm Wed
Hillsborough	97%	4 pm Wed	7 pm Wed
Polk	97%	6 pm Wed	9 pm Wed
Sumter	86%	6 pm Wed	9 pm Wed
Hernando	88%	4 pm Wed	6 pm Wed
Citrus	65%	6 pm Wed	9 pm Wed
Levy	65%	7 pm Wed	11 pm Wed

Last updated: 10/9/2024 6:30 AM EDT

National Weather Service - Tampa Bay Area, FL

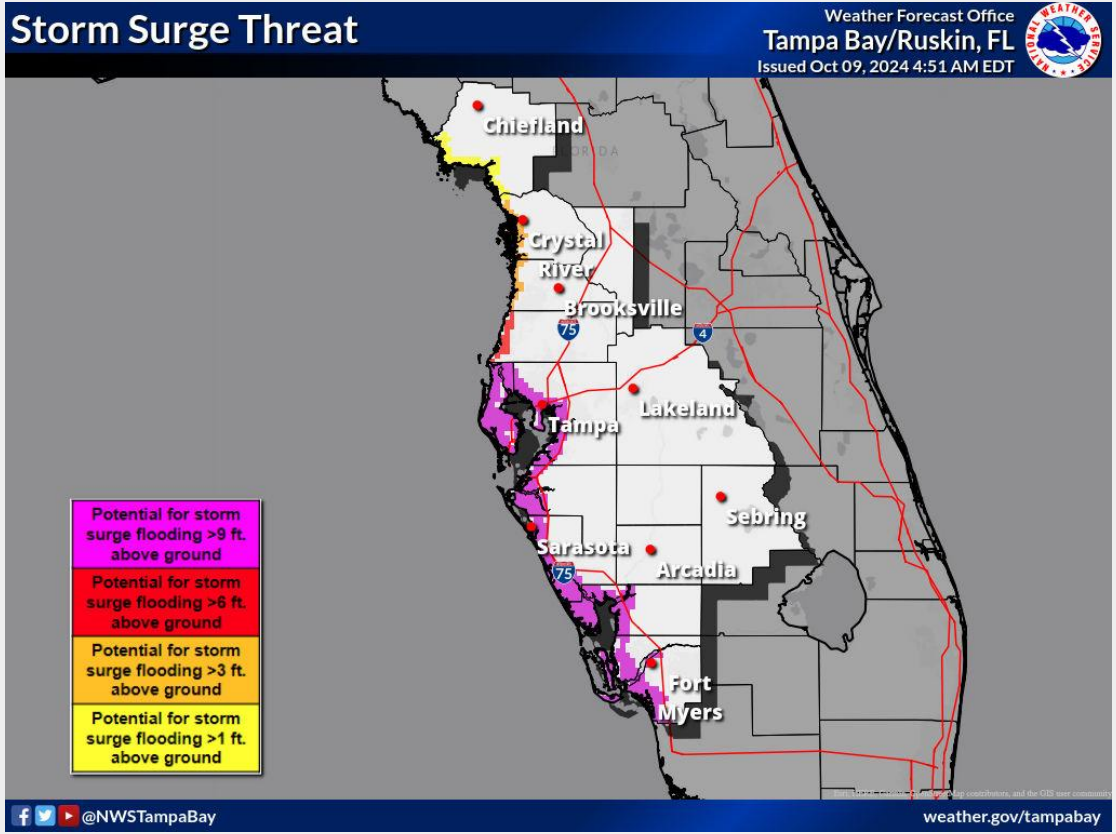
Time of Departure of TS Winds

Hurricane Milton

County	Most Likely Departure Time	Latest Departure Time
Lee	9 am Thu	2 pm Thu
Charlotte	9 am Thu	4 pm Thu
Sarasota	9 am Thu	4 pm Thu
DeSoto	10 am Thu	4 pm Thu
Hardee	12 pm Thu	4 pm Thu
Highlands	12 pm Thu	4 pm Thu
Manatee	9 am Thu	4 pm Thu
Pinellas	9 am Thu	4 pm Thu
Pasco	11 am Thu	4 pm Thu
Hillsborough	10 am Thu	4 pm Thu
Polk	12 pm Thu	5 pm Thu
Sumter	12 pm Thu	5 pm Thu
Hernando	11 am Thu	5 pm Thu
Citrus	11 am Thu	5 pm Thu
Levy	11 am Thu	5 pm Thu

Potential Storm Surge Impacts

Hurricane Milton



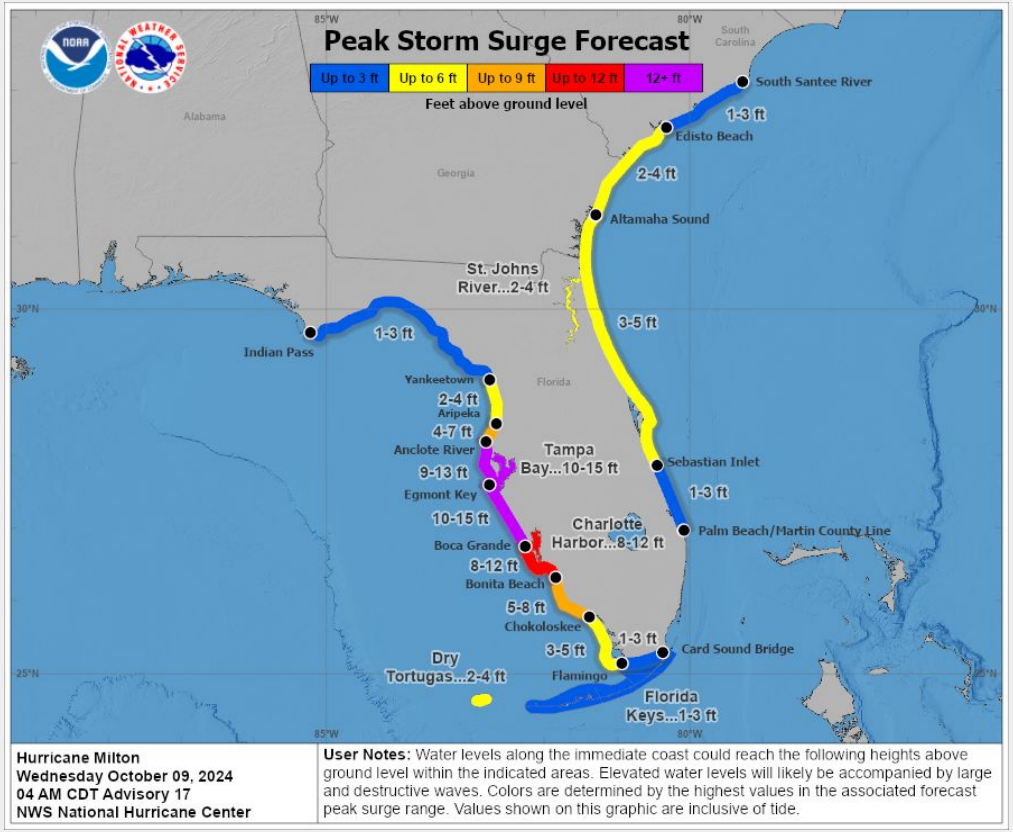
Life-threatening storm surge forecast:

- 10-15 ft AGL for Hillsborough, Manatee, Sarasota, Charlotte
- 9-13 ft AGL Pinellas
- 8-12 ft AGL for Lee
- 4-7 ft AGL for Pasco
- 2-4 ft AGL Hernando, Citrus
- 3-5 ft MSL Levy

Negative Surge can occur north of the landfall location, but the average forecast error at this time is 40 miles and is why values have not lowered as much around Tampa Bay northwards.

Peak Storm Surge

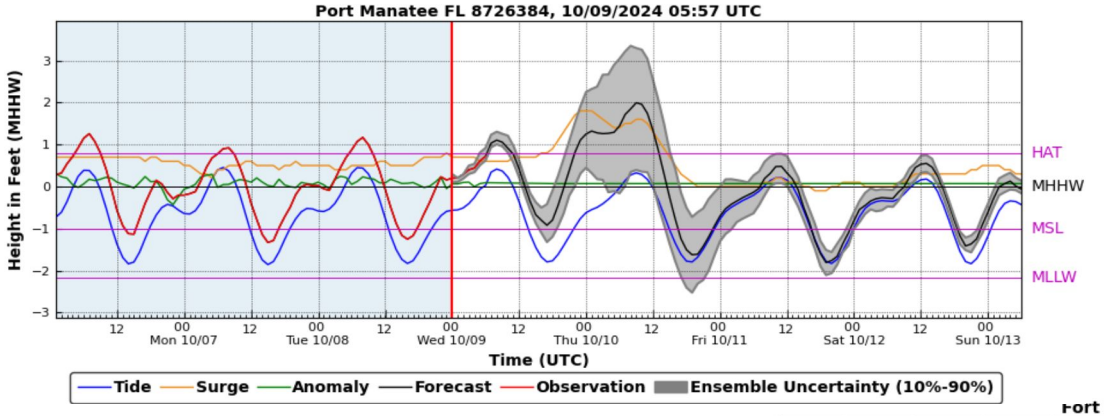
Hurricane Milton



Water levels increasing this afternoon and evening and peaking Thursday morning, with residual increased water levels through the afternoon.

Peak Storm Surge Timing

Hurricane Milton

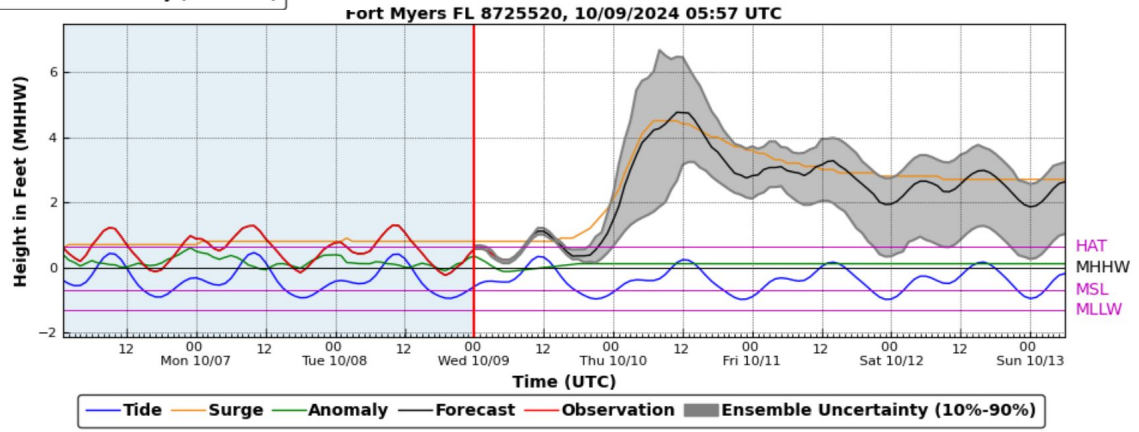


P-ETSS Model Guidance <u>only</u> used for timing of surge.

12 UTC = 8 am

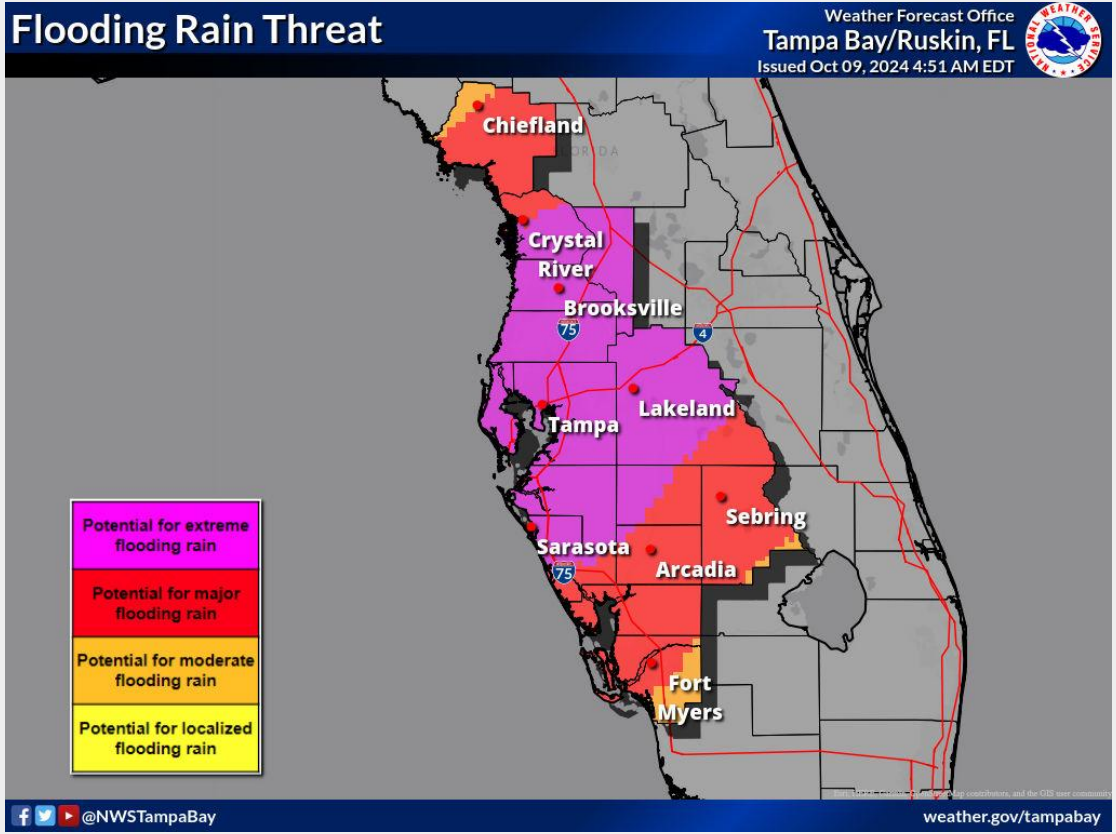
00 UTC = 8 pm

Surge increasing midday today and peaks Thursday morning, with residual increased water levels through the afternoon.



Inland Flooding Impacts

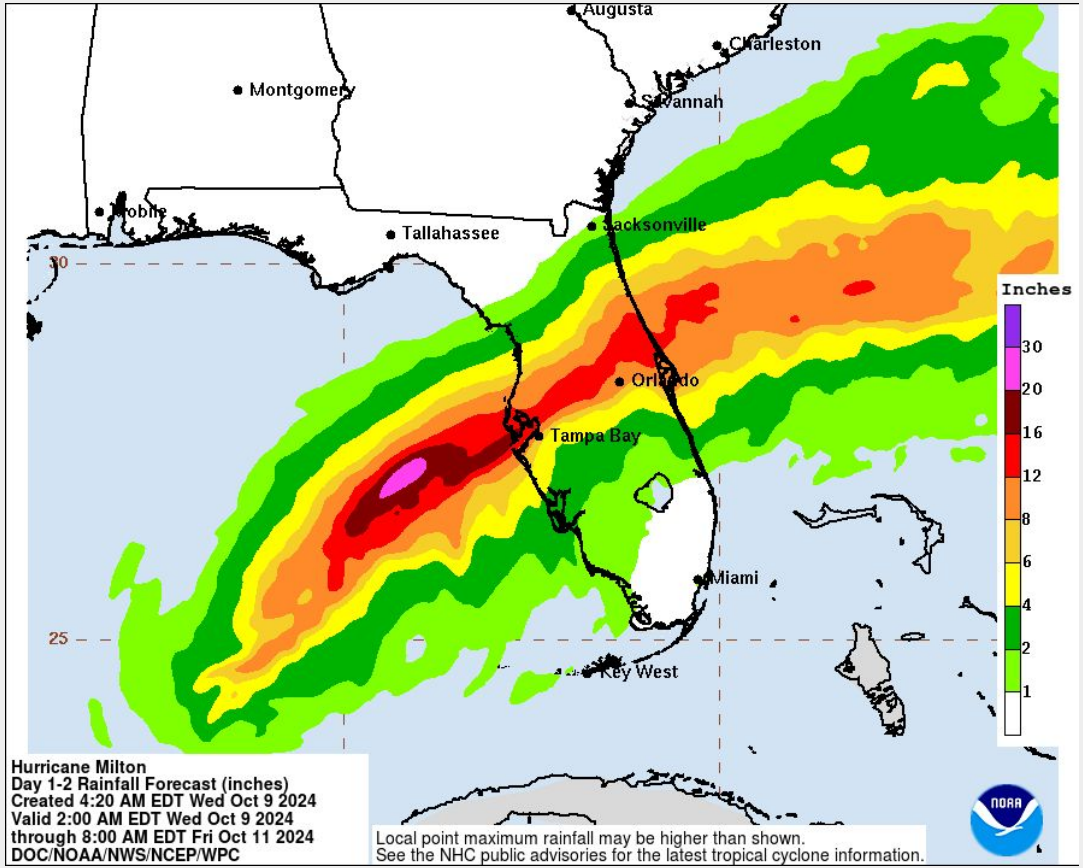
Hurricane Milton



- Flood Watch out for the entire area through Thursday evening. Rainfall amounts of 6 to 12 inches, with localized totals up to 18 inches.
- Many rivers forecast to go into moderate to major flood stage, with some historic crests possible.

Expected Storm Total Rainfall

Hurricane Milton



Flood Watch out for the entire area through Thursday evening. Rainfall amounts of 6 to 12 inches, with localized totals up to 18 inches.

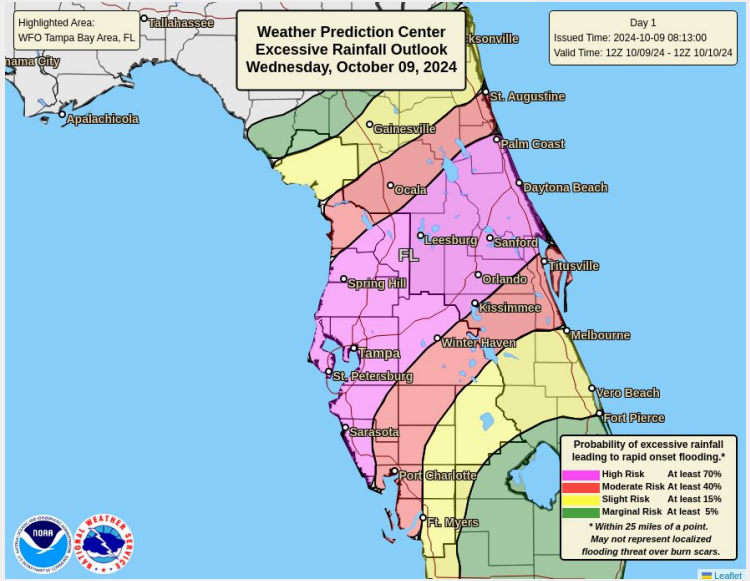
Last updated: 10/9/2024 6:30 AM EDT

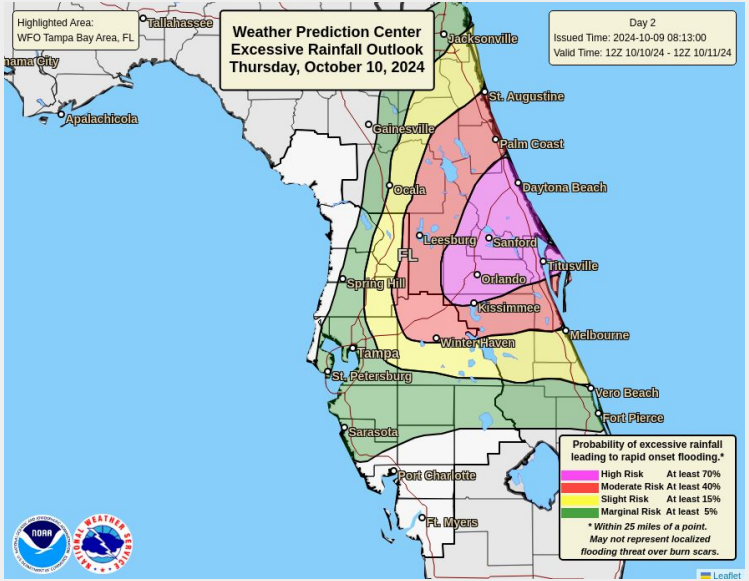
National Weather Service - Tampa Bay Area, FL

Excessive Rainfall Outlook

Hurricane Milton

- Heavy rainfall forecast tonight through Thursday. Highest risk for Flash Flooding will be along and north of the track.





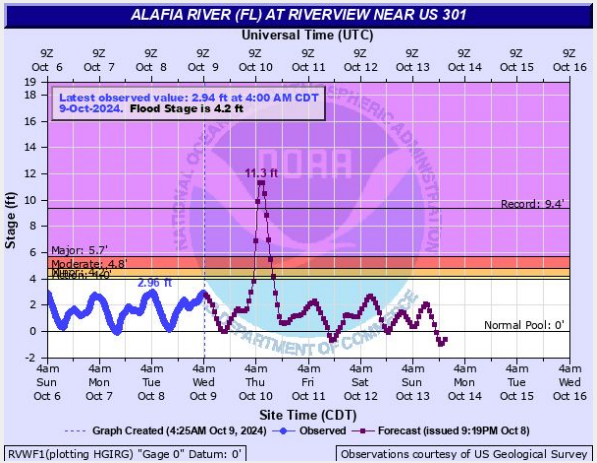
Last updated: 10/9/2024 6:30 AM EDT

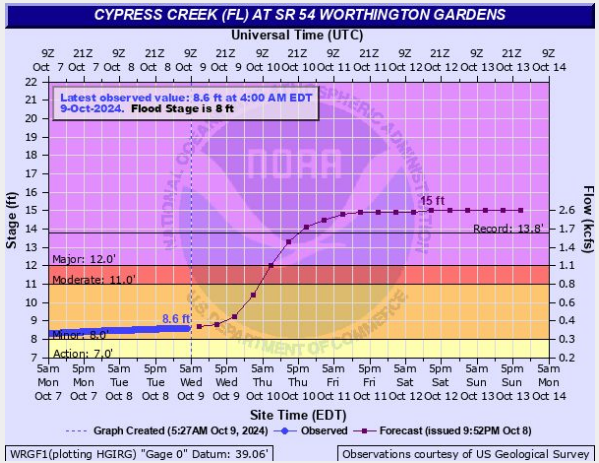
National Weather Service - Tampa Bay Area, FL

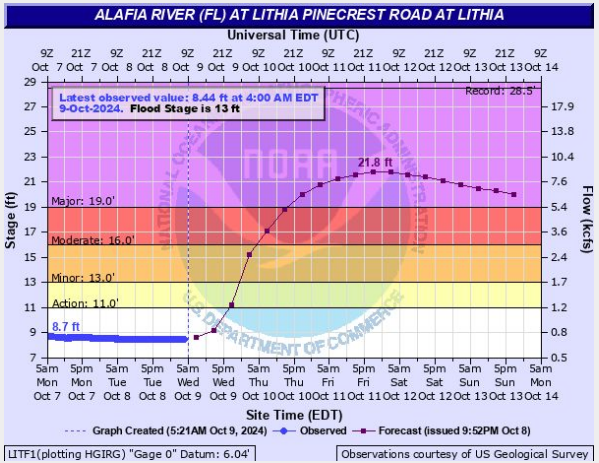
Expected River Flooding

Hurricane Milton

Many rivers forecast to go into moderate to major flood stage. Some rivers may see historic crests. These forecasts include the forecast rainfall from Milton.



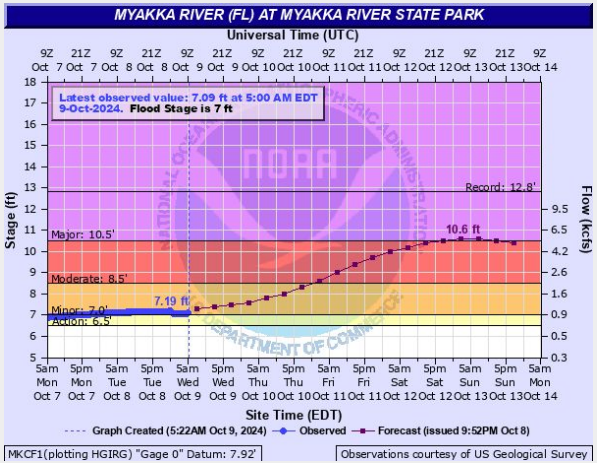


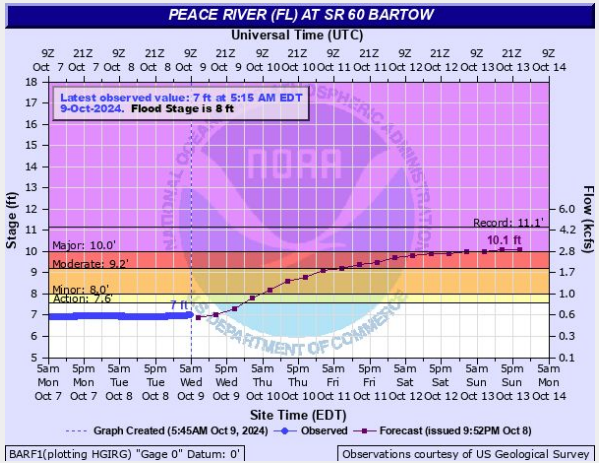


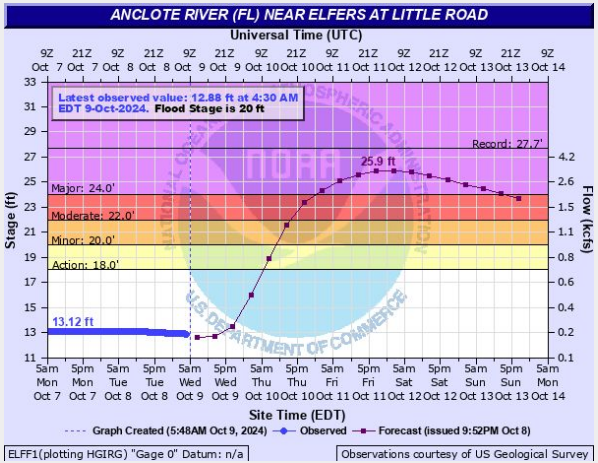
Expected River Flooding

Hurricane Milton

Many rivers forecast to go into moderate to major flood stage. Some rivers may see historic crests. These forecasts include the forecast rainfall from Milton.





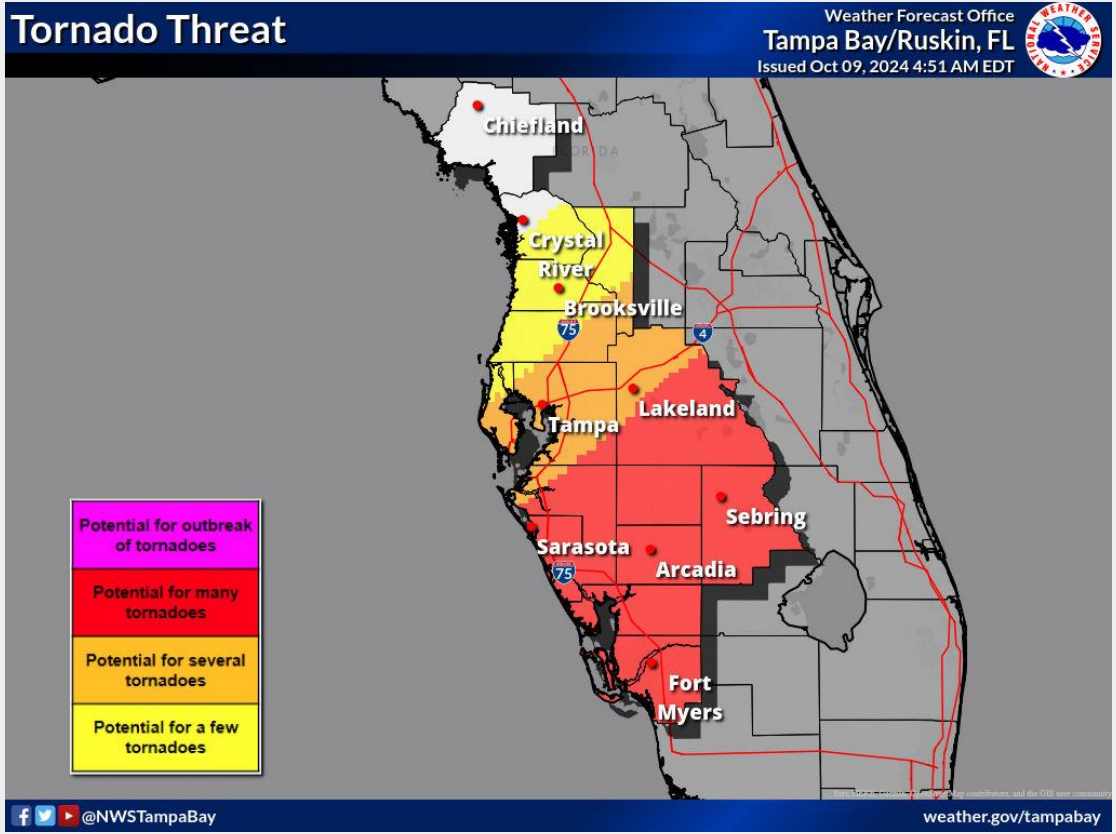


Last updated: 10/9/2024 6:30 AM EDT

National Weather Service - Tampa, FL

Potential Tornado Impacts

Hurricane Milton

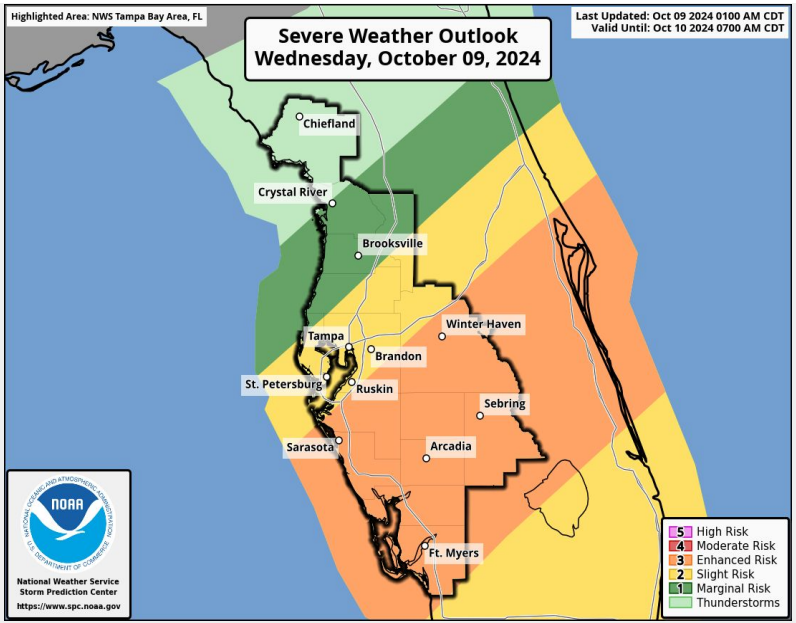


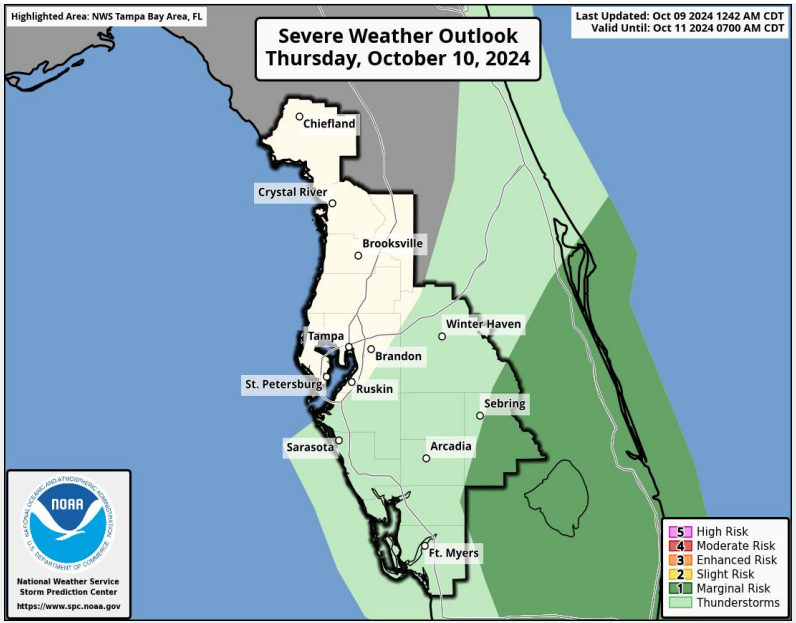
- The threat for many tornadoes exist through Thursday morning. Best chances south of I-4.

Tornado Potential

Hurricane Milton

- The threat for many tornadoes through Thursday morning. Best chances south of I-4.

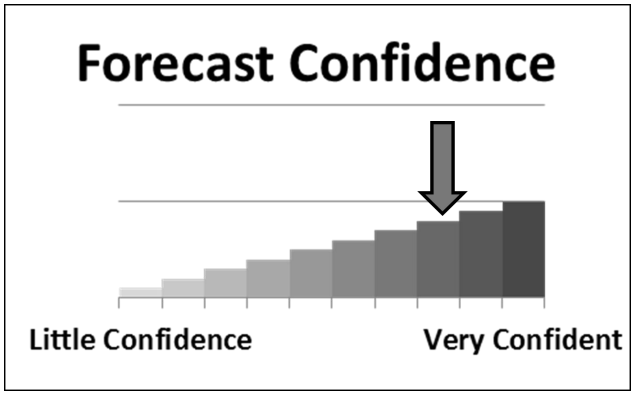




Key Take-Aways

Hurricane Milton

- The track of Hurricane Milton continues to be a worst case scenario for the Tampa Bay region southward to Charlotte.
- Hurricane and Storm Surge Warnings, and a Flood Watch are in effect. Life threatening storm surge is forecast with the system, with the highest values near and just to the south of the right eyewall.
- Negative Surge can occur north of the landfall location, but the average forecast error at this time is 40 miles and this is why values have not lowered as much around Tampa Bay.
- The confidence is increasing on the track of the system, but there will still be shifts with wobbles in the system.



Confidence is increasing that landfall will take place somewhere in the Tampa Bay region south to Sarasota as a Category 4 storm.

Talking Points and Best Messaging Tools

Hurricane Milton

Talking Points:

- Hurricane and Storm Surge Warnings continue. Residents should be preparing for the possibility of hurricane force winds, especially from the Tampa Bay area south and along the vulnerable coast.
- Life-threatening storm surge is forecast to occur with this storm, with up to 15 feet possible near and just to the south of the landfall location. Negative surge may also occur to the north of landfall.
- Flood Watch out for the entire area. Rainfall amounts of 6 to 12 inches, with localized totals up to 18 inches. Moderate to major river flooding is forecast with a few record crests possible.
- Storm preparations should be completed by Noon.

Messaging Tools for Individual Threat Assessment Now Available:

- River Flood Forecasts and Observations
- NOAA Sea-Level Rise Viewer
- P-Surge Data

Backup Information

Hurricane Milton

If/when we go down Lake Charles will be taking over our operations their information is below:

Email: sr-lch.ops@noaa.gov

Phone: 337-477-5285

In the case that our phones go down but cell phone service is still available, our office cell phone number is below:

TBW Office Cell Phone: 813-470-9094

Local Resources

Hurricane Milton

Next Briefing:
1 PM
Method: Webinar

Web: weather.gov/tampabay

Phone: 813-645-2323 x1

E-mail: sr-tbw.ops@noaa.gov

Facebook: facebook.com/NWSTampaBay/

Twitter: x.com/NWSTampaBay

YouTube: youtube.com/NWSTampa

Tropical Page for the Public:
https://www.weather.gov/srh/tropical?office=tbw