



Hurricane Milton Briefing

7 AM

Monday, Oct 7, 2024

Hurricane and Storm Surge Watches now in effect.
Milton will be a historic storm for the west coast of Florida.



Situation Overview






Hurricane Milton

- Hurricane Watch in effect for the entire area. Storm surge watch for the entire coast. Flood watch for the entire area.
- Life-threatening storm surge forecast:
 - 8-12 ft for Pinellas, Hillsborough, Manatee, and Sarasota counties.
 - 5-10 ft for Charlotte, Lee, Pasco, Hernando, Citrus
 - 5-7 ft MSL for Levy
- Flood Watch out for the entire area. Rainfall amounts of 5 to 10 inches, with localized totals up to 15 inches.
- Timing of impacts to the area looks to be as early as early Wednesday morning and continuing into early Thursday morning.



Situation Overview

Hurricane Milton

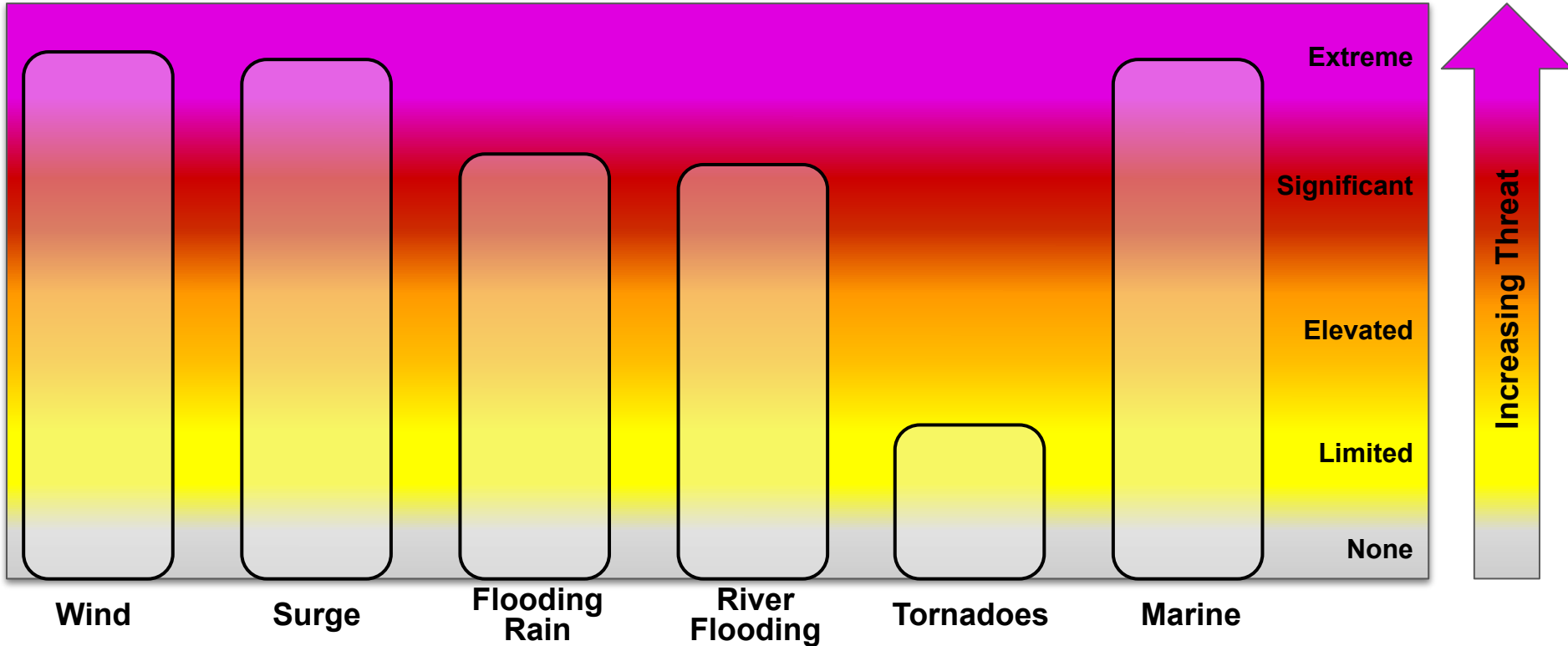
Hazard	Impacts	Location	Timing
 Wind	Hurricane force winds across the entire coast	Entire Coast	Early Wednesday morning into early Thursday.
 Storm Surge & Inundation	Life-threatening storm surge	Entire Coast	Early Wednesday into midday Thursday
 Flooding Rain	Many rivers already in or forecast to go into Flood Stage	Areawide	Through Thursday
 Tornado	Potential for a few tornadoes	Areawide	Late Tuesday into Wednesday Night
 Marine	Hazardous Marine Conditions	Coastal Marine Waters	Tuesday through at least Thursday.



Threat Levels

Hurricane Milton

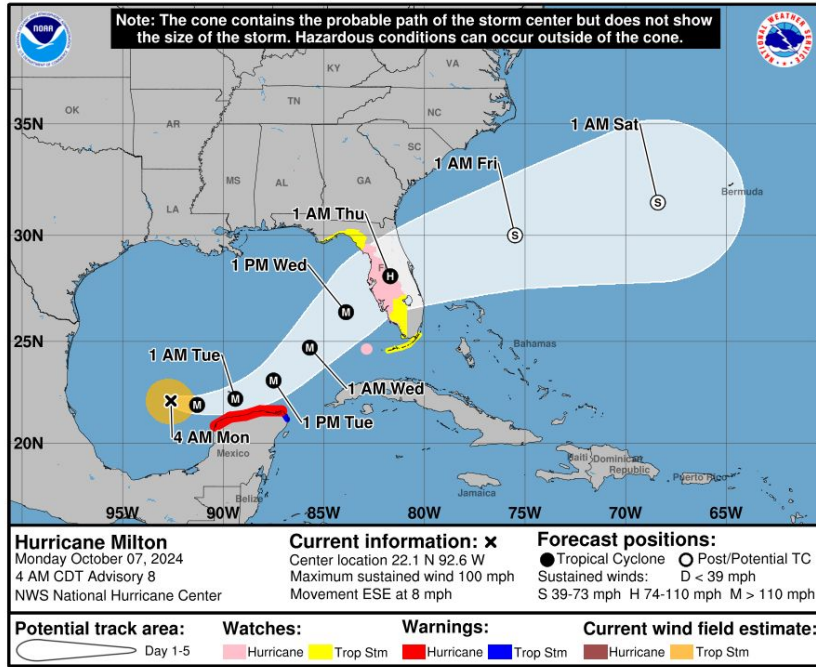
For information on specific hazards in this area, please go to: <https://www.weather.gov/srh/tropical?office=tbw>





Situation Overview

Hurricane Milton



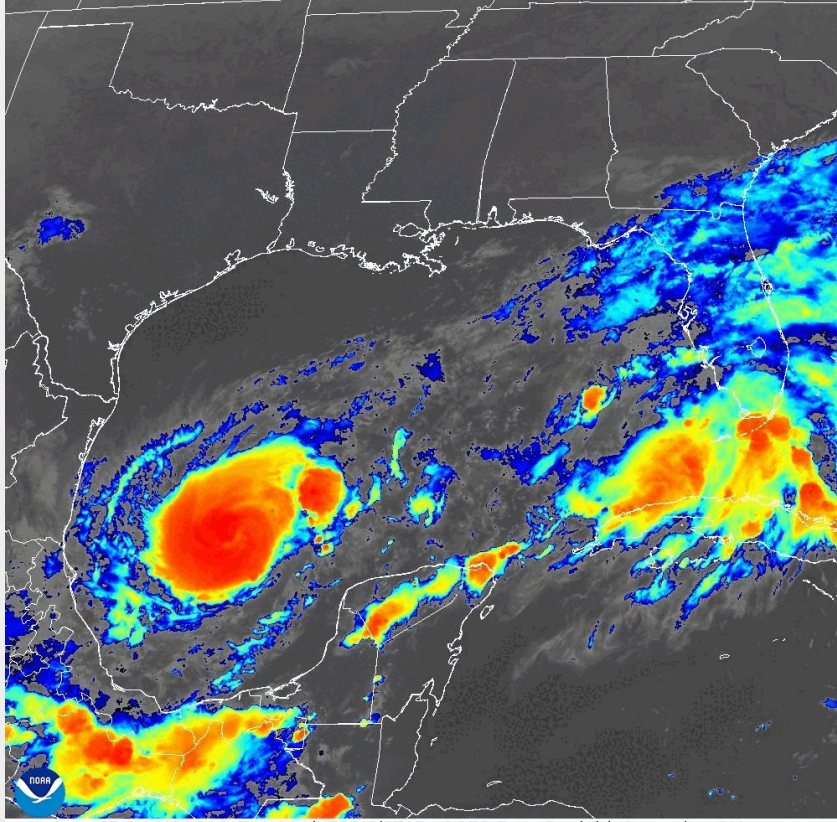
- Hurricane Milton is forecast to become a Major Hurricane (up to a Cat 4, 145 mph), with some expansion possible before landfall
- Model spread in the forecast track remains high, with the entire area within the cone

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



Current Satellite View

Hurricane Milton



07 Oct 2024 03:11Z - NOAA/NESDIS/STAR - GOES-East - Sandwich Composite - GM

Hurricane Milton:

- Located 750 miles WSW of Tampa, FL
- Maximum Sustained Winds: 100 mph
Cat 2
- Movement: ESE at 8 mph

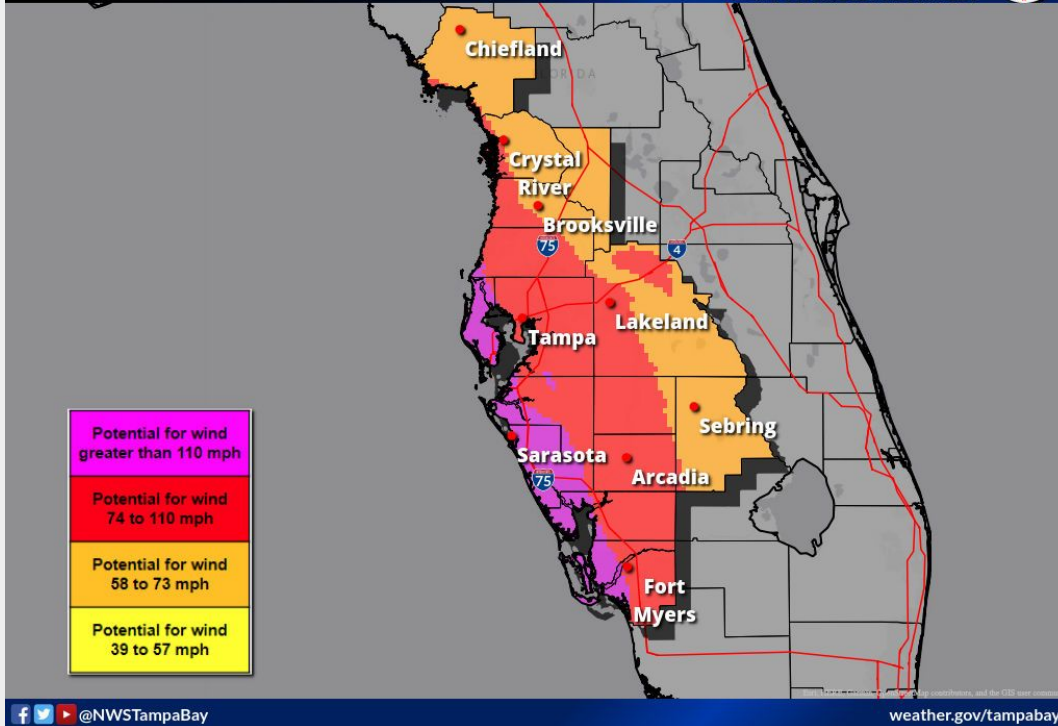


Wind Threat / Potential Impact

Hurricane Milton

Wind Threat

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Tampa Bay/Ruskin, FL
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There is a potential for:

- Higher than Cat 3 winds along the coast from Pasco southward.
- Hurricane force winds will extend well inland with a Hurricane Watch for the entire area.

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Tropical Storm Wind Speed Probabilities

Hurricane Milton

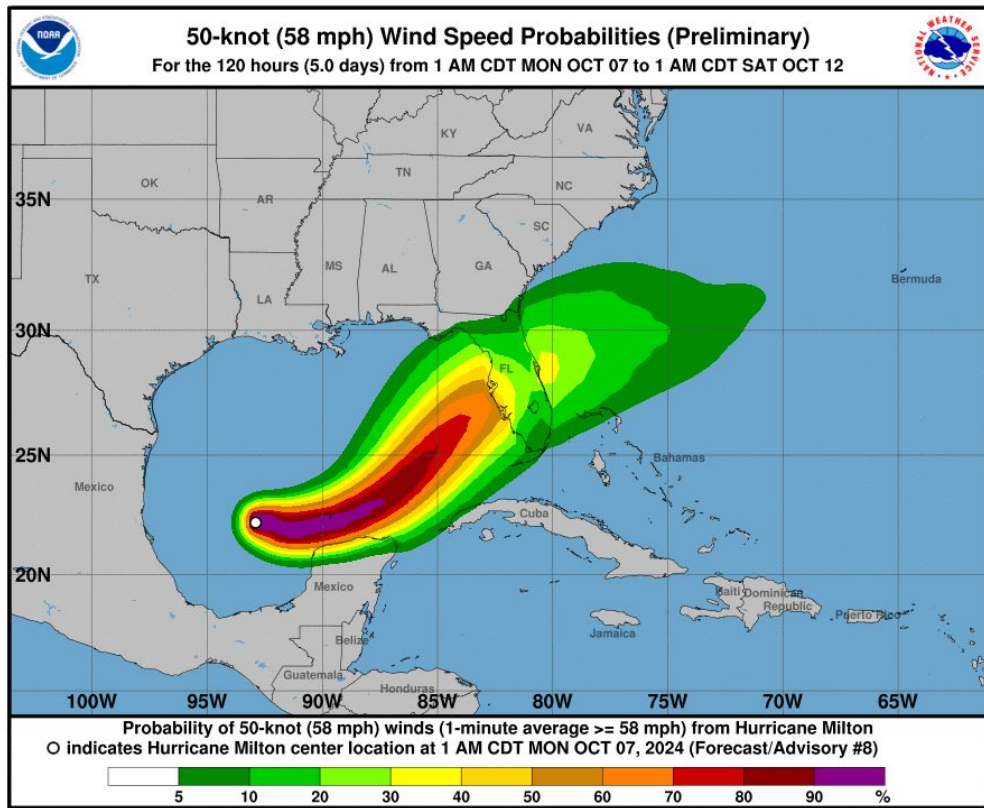


- Tropical Storm Force wind probabilities around 80-90% along the coast and as high as 60-70% inland.



50 kt (58 mph) Wind Speed Probabilities

Hurricane Milton

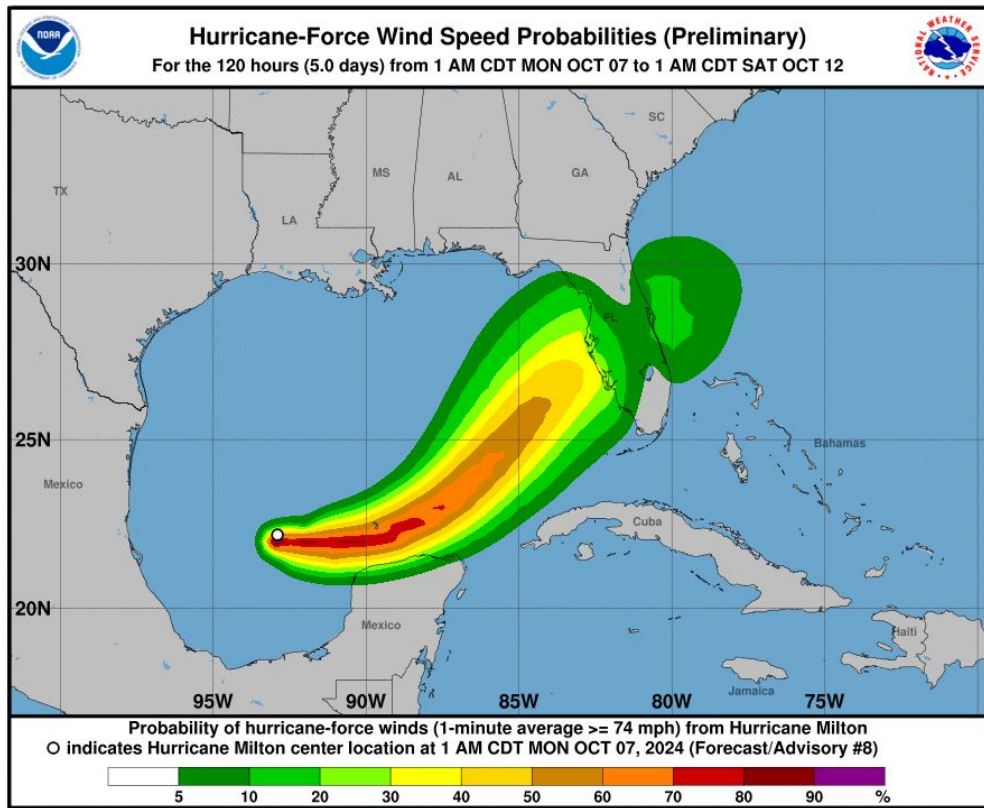


- Probabilities as high as 40-50% near the coast and as high as 20-30% inland.



Hurricane Wind Speed Probabilities

Hurricane Milton

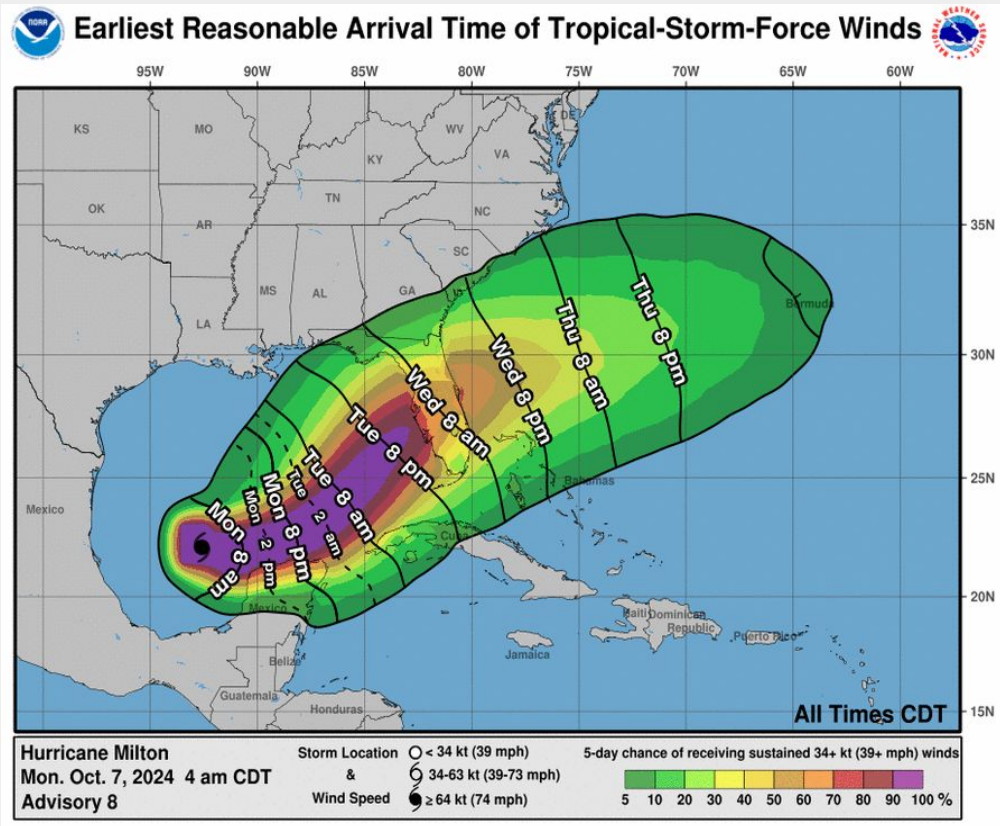


- Probabilities as high as 30% along the coast.



Earliest Reasonable Time of Arrival

Hurricane Milton



County	Chance	Earliest Arrival Time	Most Likely Arrival Time
Lee	86%	1 am Wed	8 am Wed
Charlotte	88%	1 am Wed	8 am Wed
Sarasota	88%	2 am Wed	10 am Wed
DeSoto	69%	7 am Wed	2 pm Wed
Hardee	69%	7 am Wed	2 pm Wed
Highlands	61%	8 am Wed	4 pm Wed
Manatee	80%	2 am Wed	10 am Wed
Pinellas	81%	2 am Wed	10 am Wed
Pasco	81%	4 am Wed	12 pm Wed
Hillsborough	68%	7 am Wed	2 pm Wed
Polk	66%	8 am Wed	3 pm Wed
Sumter	59%	8 am Wed	4 pm Wed
Hernando	71%	4 am Wed	12 pm Wed
Citrus	59%	6 am Wed	1 pm Wed
Levy	59%	7 am Wed	2 pm Wed

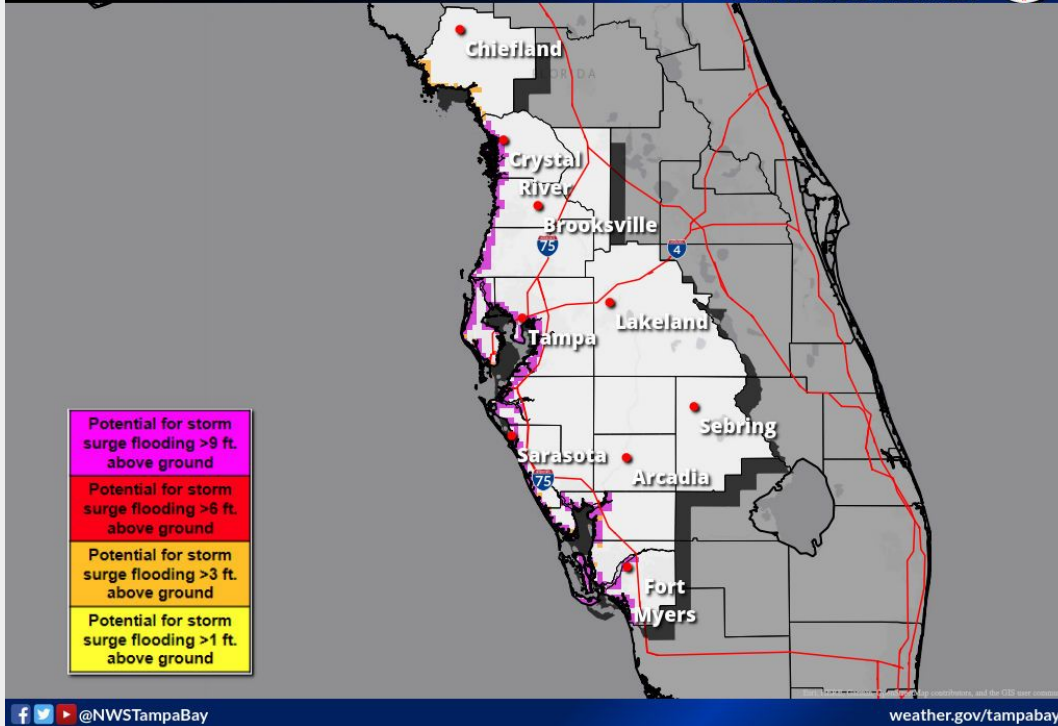


Potential Storm Surge Impacts

Hurricane Milton

Storm Surge Threat

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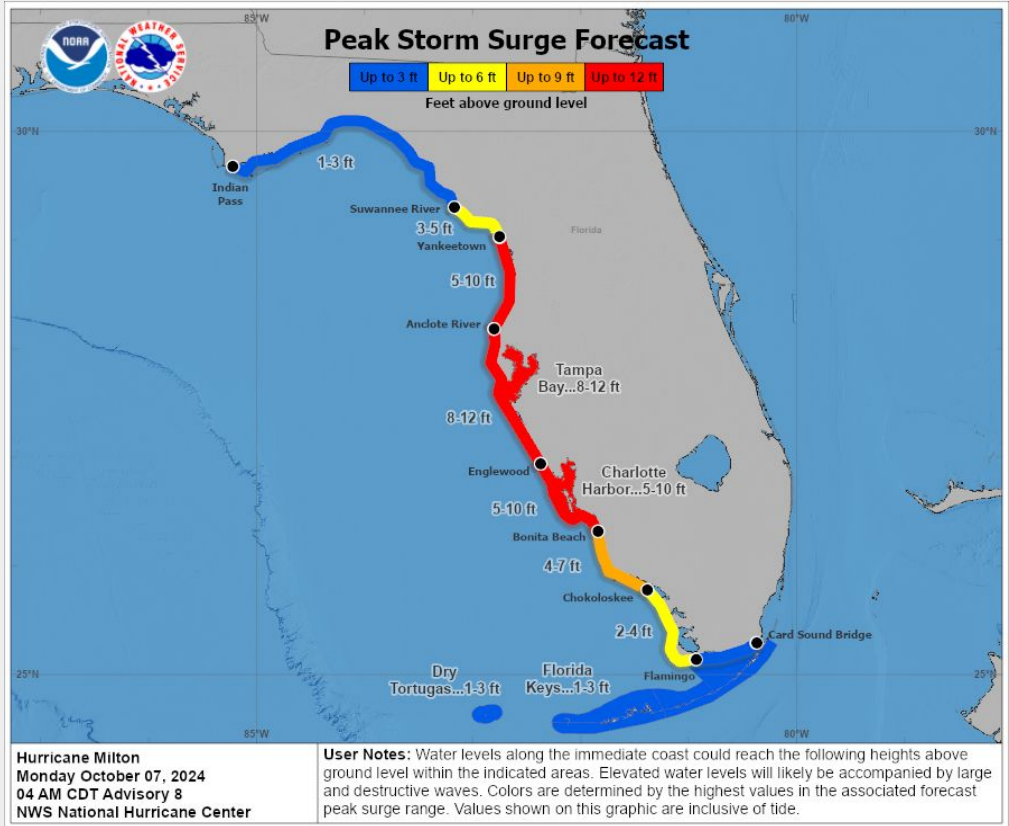
Life-threatening storm surge forecast:

- 8-12 ft for Pinellas, Hillsborough, Manatee, and Sarasota counties.
- 5-10 ft for Charlotte, Lee, Pasco, Hernando, Citrus
- 5-7 ft MSL for Levy



Peak Storm Surge

Hurricane Milton



Life-threatening storm surge forecast:

- 8-12 ft for Pinellas, Hillsborough, Manatee, and Sarasota counties.
- 5-10 ft for Charlotte, Lee, Pasco, Hernando, Citrus
- 5-7 ft MSL for Levy

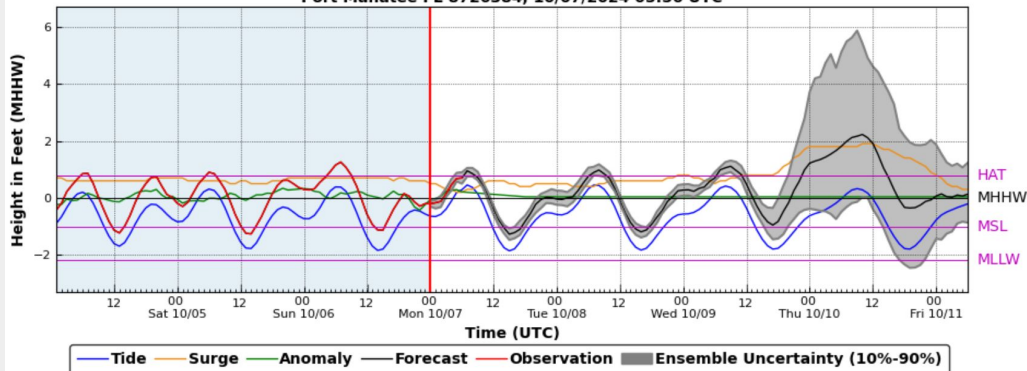
Surge increasing throughout the day Wednesday and peak early Thursday.



Storm Surge Timing

Hurricane Milton

Port Manatee FL 8726384, 10/07/2024 05:56 UTC

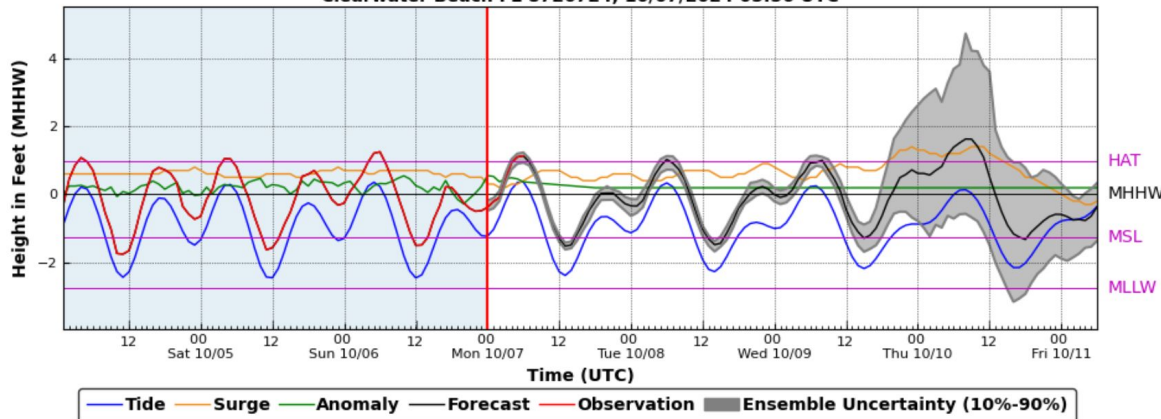


P-ETSS Model Guidance only used for timing of surge.

12 UTC = 8 am

00 UTC = 8 pm

Clearwater Beach FL 8726724, 10/07/2024 05:56 UTC



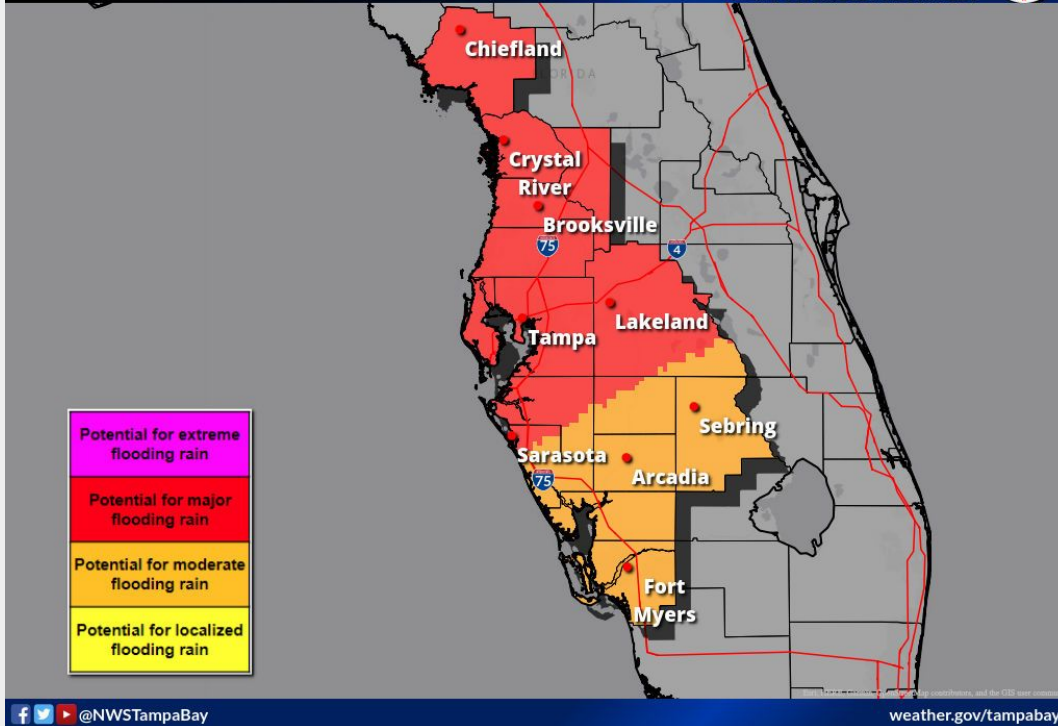


Inland Flooding Impacts

Hurricane Milton

Flooding Rain Threat

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- Flood Watch out for the entire area through Thursday morning. Rainfall amounts of 5 to 10 inches, with localized totals up to 15 inches.
- Many rivers already in or forecast to go into flood stage

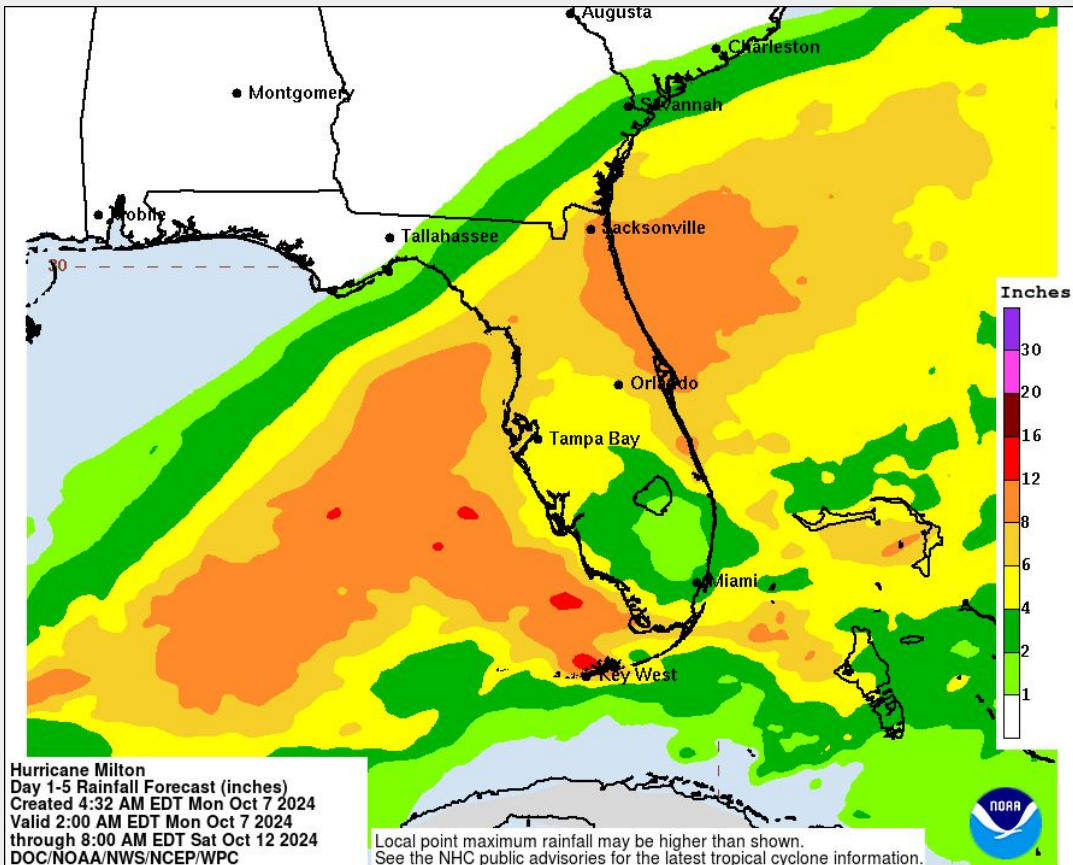
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Expected Storm Total Rainfall

Hurricane Milton



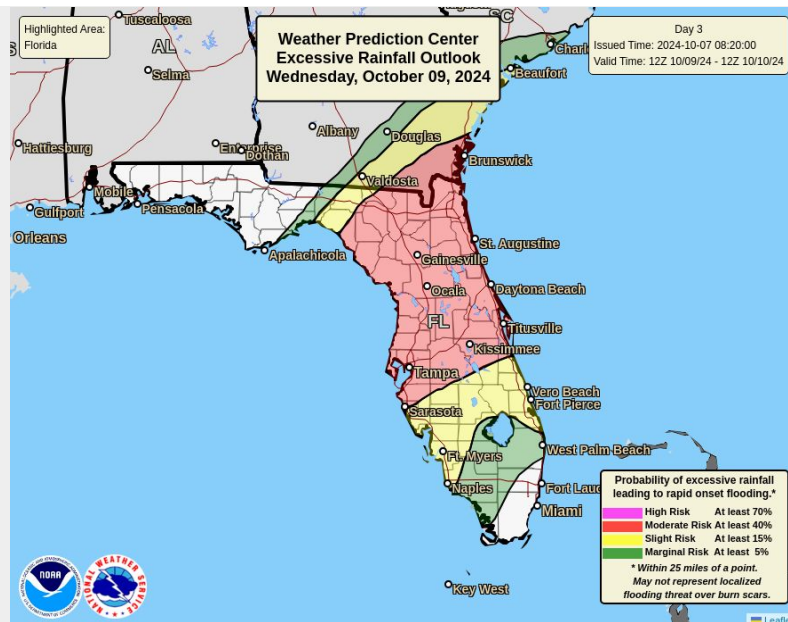
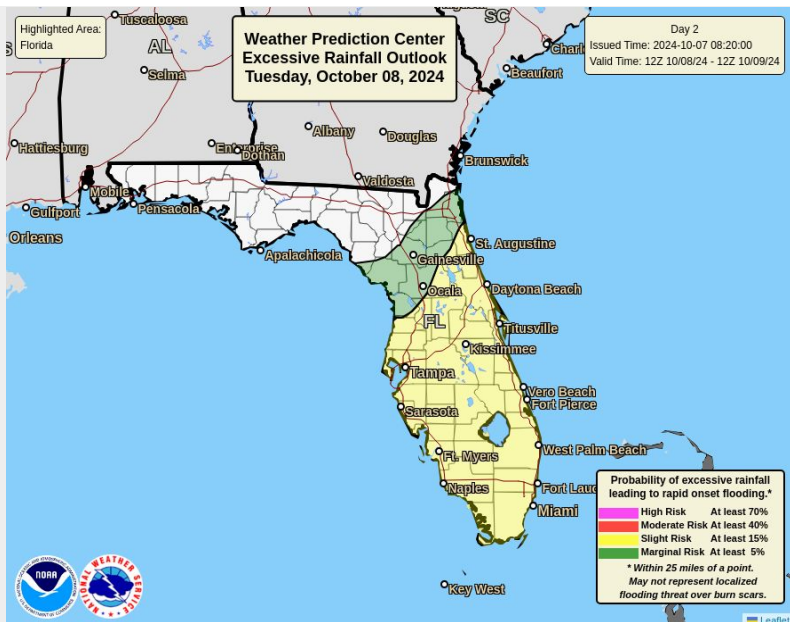
Flood Watch out for the entire area through Thursday morning. Rainfall amounts of 5 to 10 inches, with localized totals up to 15 inches.



Excessive Rainfall Outlook

Hurricane Milton

- Heavy rainfall forecast Tuesday and Wednesday. Highest risk for Flash Flooding will be along and north of the track.



Last updated: 10/7/2024 7:30 AM EDT

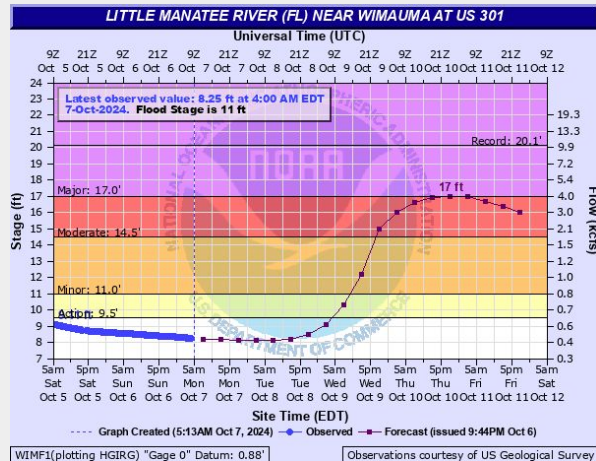
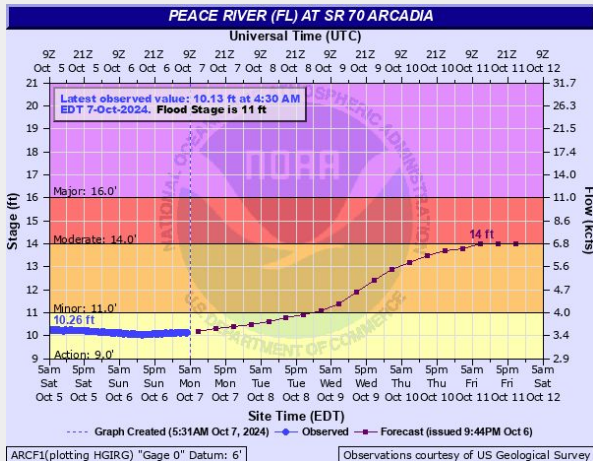
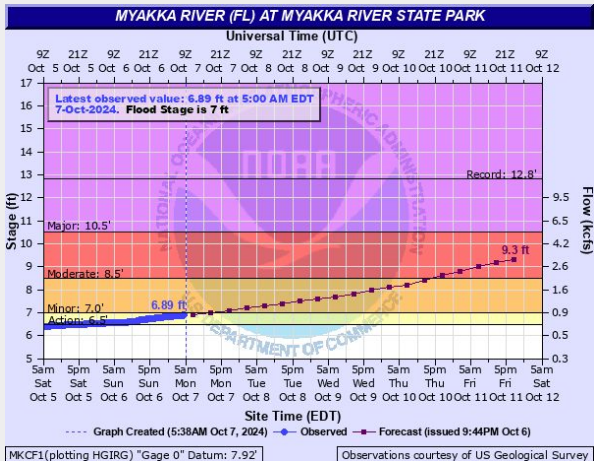
National Weather Service - Tampa Bay Area, FL



Expected River Flooding

Hurricane Milton

Many rivers forecast to go into minor to moderate flood stage with the potential for a few to go into major flood stage. The forecast is now in range to include the forecast rainfall from Milton.



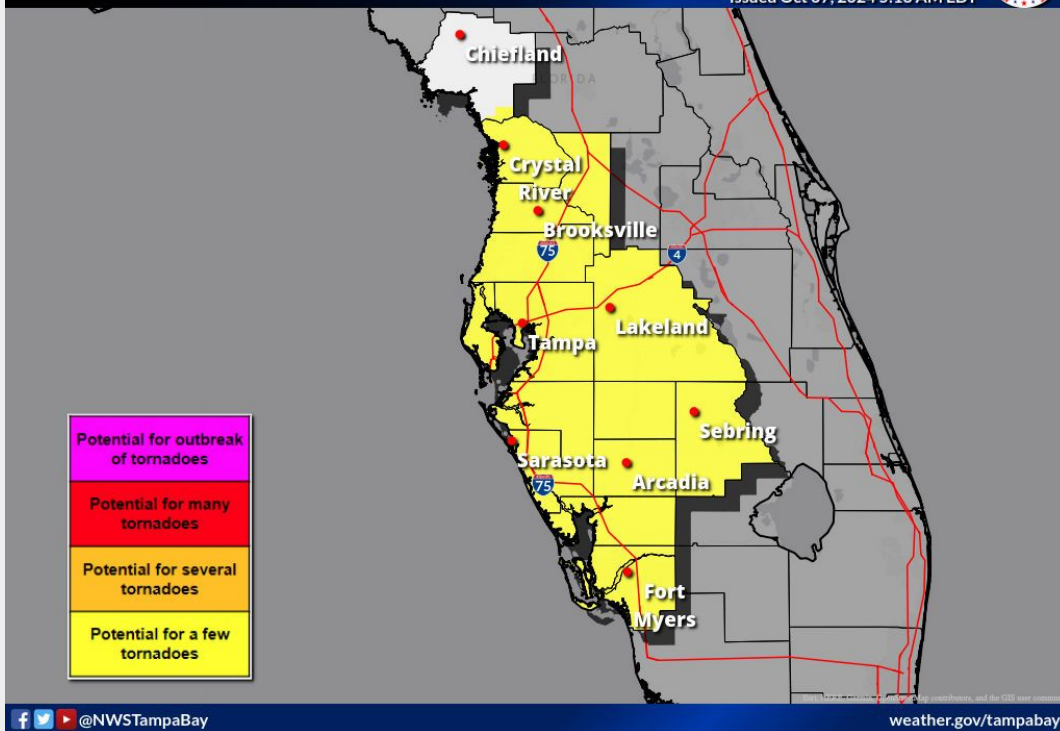


Potential Tornado Impacts

Hurricane Milton

Tornado Threat

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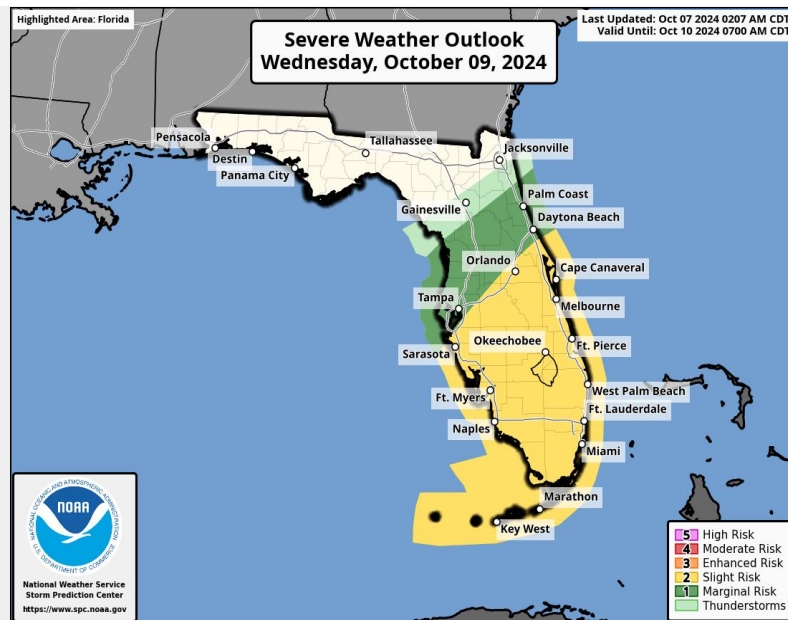
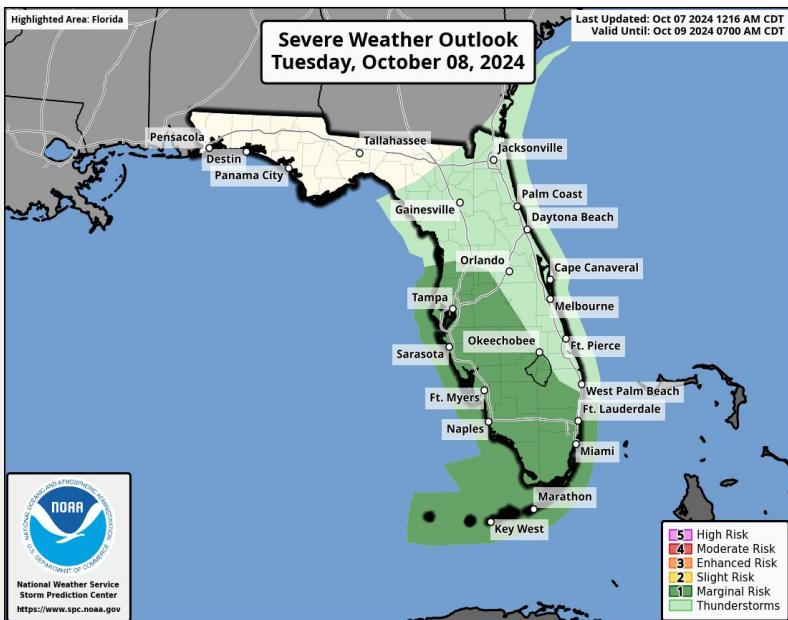
- The threat for a few tornadoes mainly late Tuesday into Wednesday night.



Tornado Potential

Hurricane Milton

- Main threat of tornadoes would be late Tuesday into Wednesday night.



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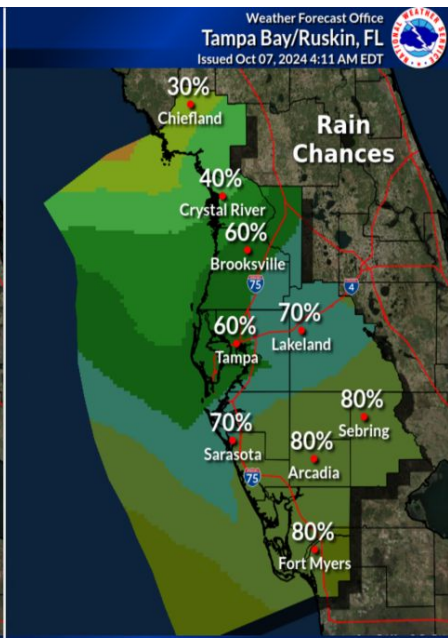
Today's Forecast

Hurricane Milton

Today



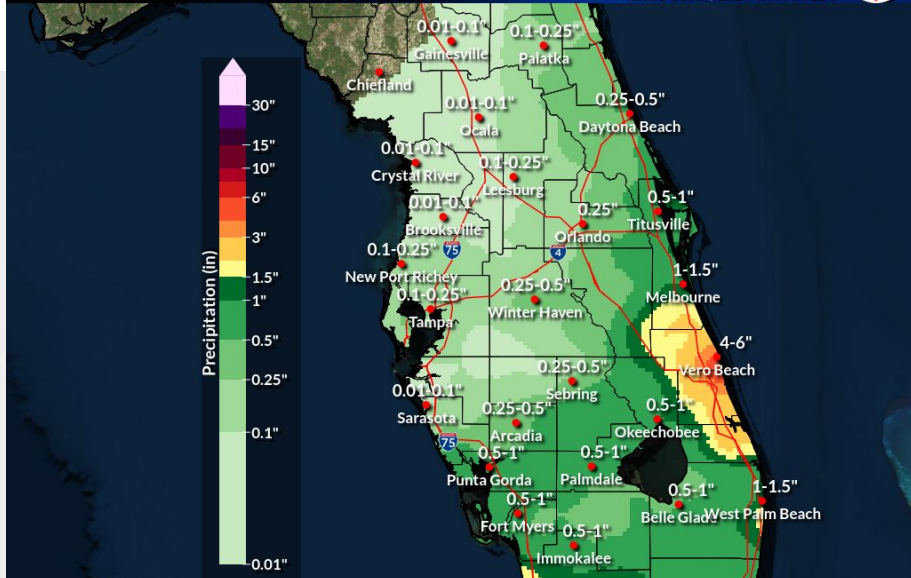
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24-Hour Forecast Rainfall Amounts

Valid 8:00 AM Mon Oct 07 2024 - 8:00 AM Tue Oct 08 2024



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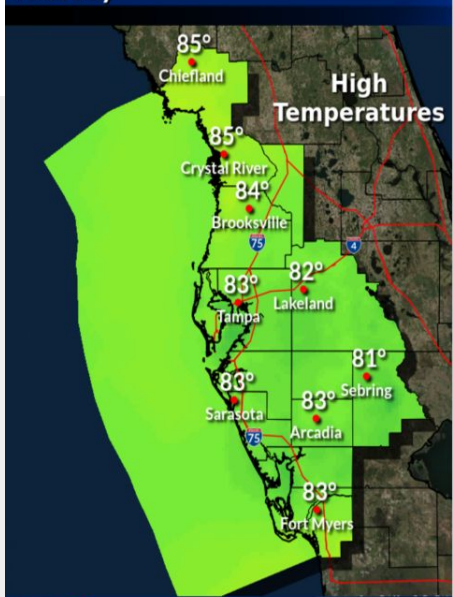
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Tomorrow's Forecast

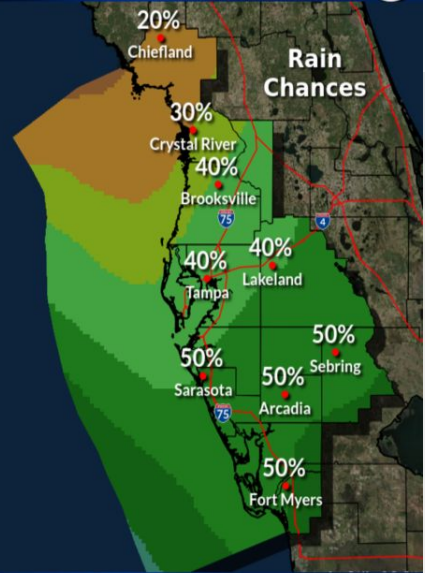
Hurricane Milton

Tuesday



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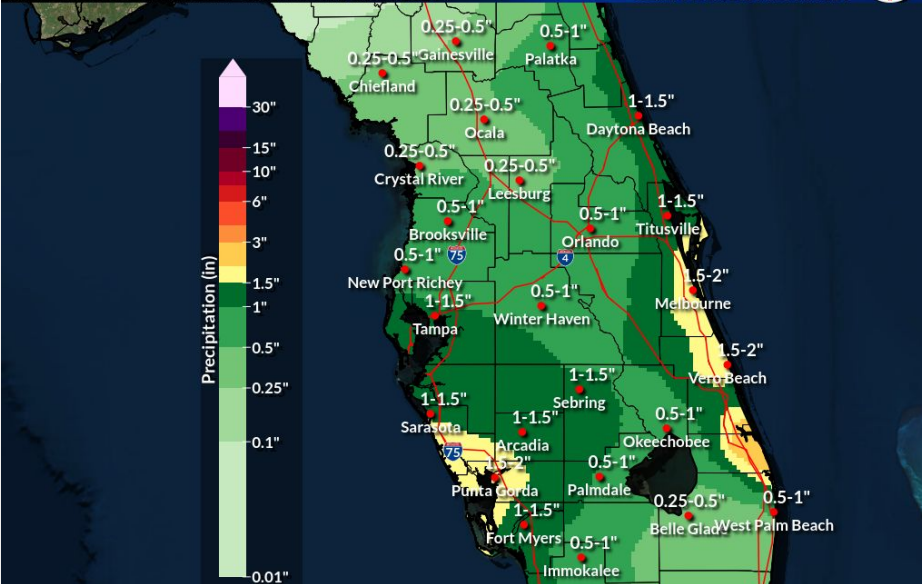


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24-Hour Forecast Rainfall Amounts

Valid 8:00 AM Tue Oct 08 2024 - 8:00 AM Wed Oct 09 2024

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Issued Oct 07, 2024 4:09 AM EDT



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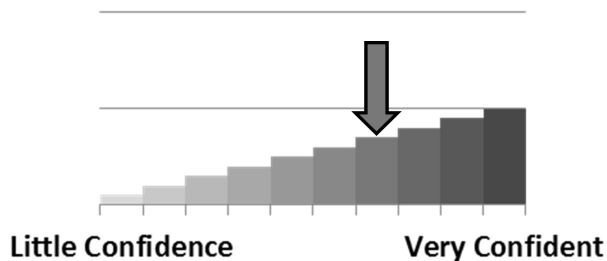


Key Take-Aways

Hurricane Milton

- Hurricane Milton is forecast to undergo rapid intensification as it moves to the east to northeast early this week.
- Hurricane, Storm Surge, and Flood watches are currently in effect. Life threatening storm surge is forecast with the system.
- The confidence is low on the exact track of the system, with the entire area currently within the cone. It should be noted that the 72 hour average track error is 100 miles

Forecast Confidence



Confidence continues to increase that Milton will make landfall as a major hurricane. Confidence is low on the exact location of landfall.



Talking Points and Best Messaging Tools

Hurricane Milton

Talking Points:

- Hurricane/Tropical Storm/Storm Surge Watches are not in effect. Residents should be preparing for the possibility of hurricane force winds, especially near the vulnerable coast.
- Life-threatening storm surge is forecast to occur with this storm, with 12 feet possible near and to the south of the landfall location.
- Flood Watch out for the entire area. Rainfall amounts of 5 to 10 inches, with localized totals up to 15 inches. Minor to moderate river flood is forecast with a few spots possibility going into major flood.
- A good amount of uncertainty remains in the track with the entire west coast of Florida at risk.
- Storm preparations should be completed by Tuesday Night

Messaging Tools for Individual Threat Assessment Now Available:

- [River Flood Forecasts and Observations](#)
- [NOAA Sea-Level Rise Viewer](#)
- [P-Surge Data](#)



Local Resources

Hurricane Milton

Next Briefing:
1 PM
Method: Webinar



Web: weather.gov/tampabay



Phone: 813-645-2323 x1



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