



Tropical Update



5:30 AM EDT

Tuesday, October 8, 2024

Major Hurricane Milton

**Milton to Remain An Extremely Dangerous Hurricane Through Landfall in Florida
Milton Poses an Extremely Serious Threat to Florida & Residents Are Urged to
Follow the Orders of Local Officials**

This update is intended for government and emergency response officials, and is provided for informational and situational awareness purposes only. Forecast conditions are subject to change based on a variety of environmental factors. For additional information, or for any life safety concerns with an active weather event please contact your County Emergency Management or Public Safety Office, local National Weather Service forecast office, or visit the National Hurricane Center website at www.hurricanes.gov.

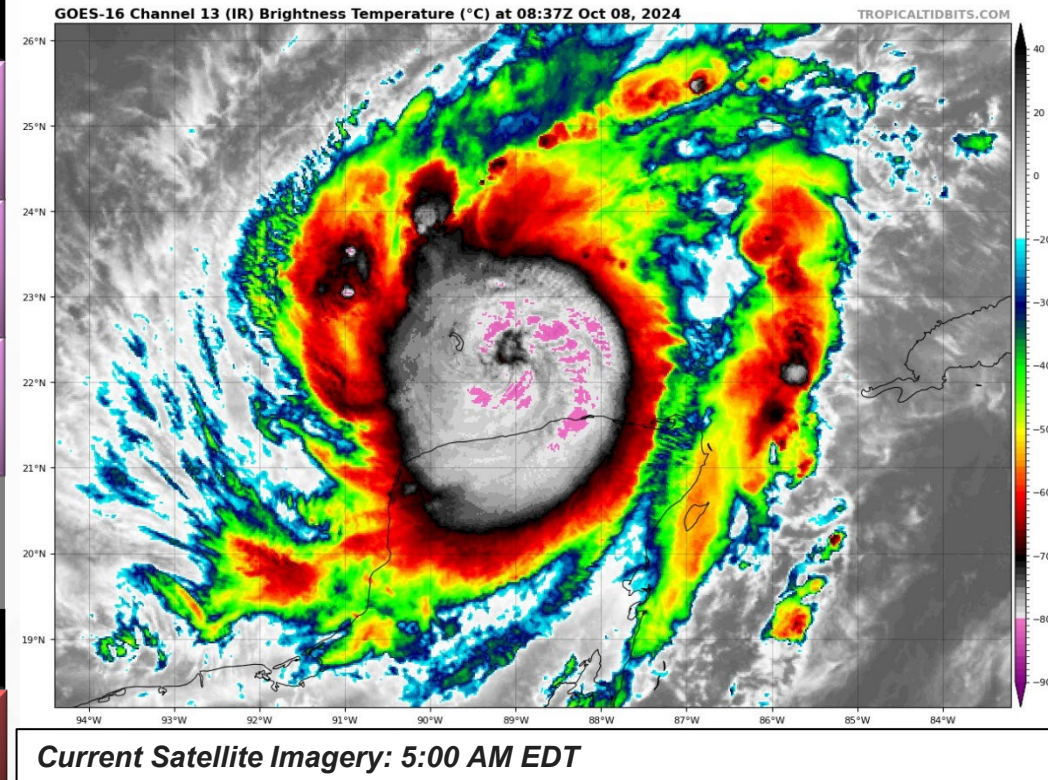


Major Hurricane Milton

5:00 AM EDT Tuesday: Florida Threats & Changes Since Last Packet

FOUO – For Government Official Use Only

	MINIMAL	Low	MODERATE	HIGH	EXTREME
 WINDS					
 STORM SURGE					
 FLASH FLOODING					
 TORNADOES					
	Low	MODERATE		HIGH	
 RIP CURRENTS					

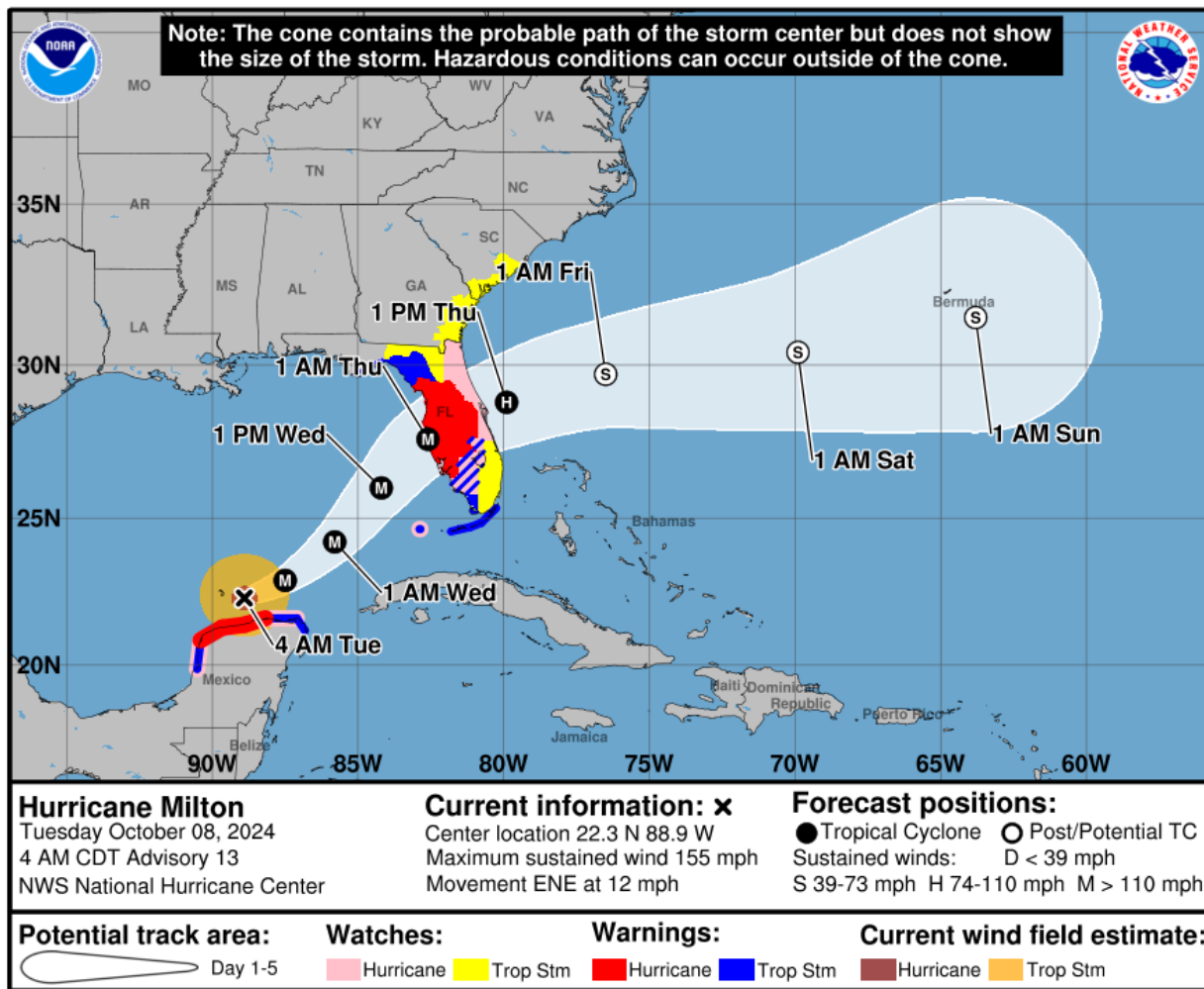


Overview/Recent Changes: As of 5:00 AM EDT, Milton is located about 560 miles southwest of Tampa, Florida and moving east-northeastward at 12 mph. A turn toward the east-northeast and northeast is expected today and Wednesday. On the forecast track, the center of Milton is forecast to move just north of the Yucatan Peninsula today and approach the west coast of the Florida Peninsula on Wednesday. The hurricane will likely make landfall in Florida Wednesday night. Maximum sustained winds are near 155 mph with higher gusts. Milton is an extremely dangerous category 4 hurricane on the Saffir-Simpson scale. While fluctuations in intensity are expected, Milton is forecast to remain an extremely dangerous hurricane through landfall in Florida. Milton is still a relatively compact hurricane, but the wind field is expected to continue to grow in size as it approaches Florida. There is an increasing risk of life-threatening storm surge and damaging winds for portions of the western Florida Peninsula beginning Wednesday and continuing to spread inland across the Peninsula as Milton approaches the coast. Tropical Storm and Hurricane Watches and Warnings remain in place across the Peninsula, Keys, and Forgotten Coast with Storm Surge Warnings along the West Coast of Florida and Storm Surge Watches extending along the Northeast and Central-East Coasts.



Major Hurricane Milton

From the National Hurricane Center (NHC)



- **Location:** 560 miles SW of Tampa, Florida
- **Maximum Sustained Winds:** 155 mph, Category 4
- **Current Movement:** ENE at 12 mph

A turn toward the east-northeast and northeast is expected today and Wednesday. On the forecast track, the center of Milton is forecast to move just north of the Yucatan Peninsula today and approach the west coast of the Florida Peninsula on Wednesday. The hurricane will likely make landfall in Florida Wednesday night. While fluctuations in intensity are expected, Milton is forecast to remain an extremely dangerous hurricane through landfall in Florida. Milton is still a relatively compact hurricane, but the wind field is expected to continue to grow in size as it approaches Florida.

Residents in Florida should closely follow the orders from their local emergency management officials, as Milton has the potential to be one of the most destructive hurricanes on record for West-Central Florida.



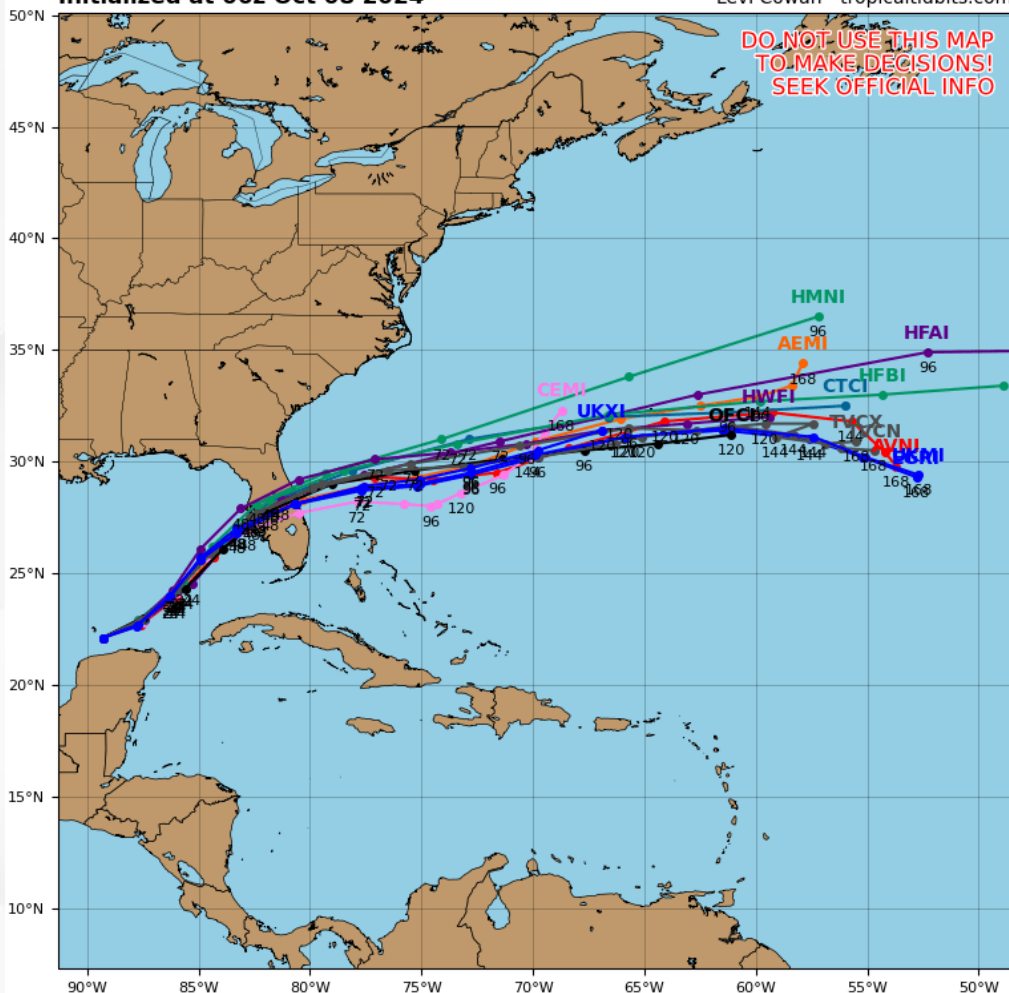
Forecast Computer Models – Next 5 Days

Major Hurricane Milton

Hurricane MILTON Model Track Guidance

Initialized at 06z Oct 08 2024

Levi Cowan - tropicaltidbits.com



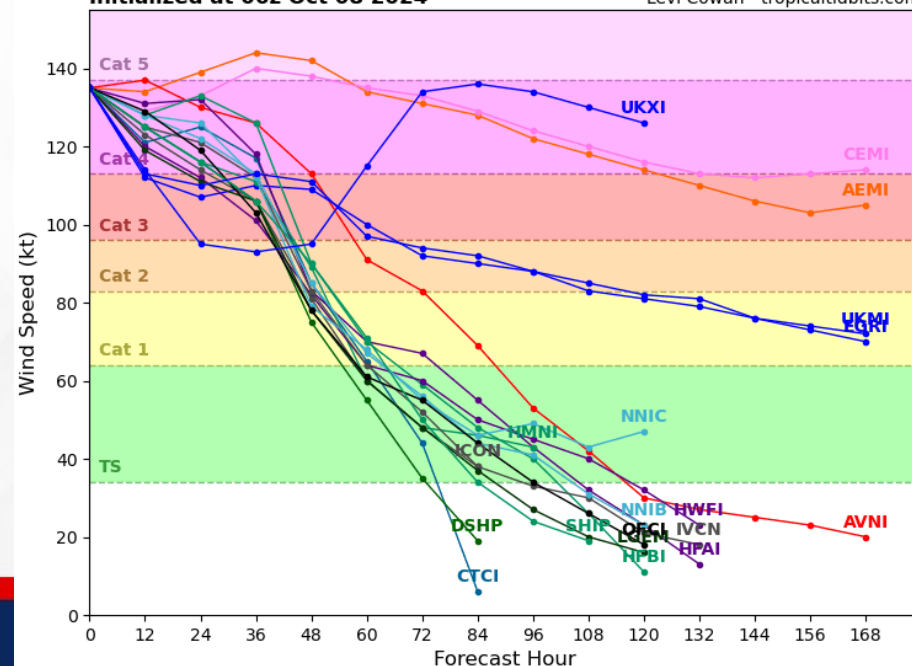
Major Hurricane Milton is beginning to gain latitude. Computer forecast models are in good agreement that Milton will turn to the northeast with a slight increase in forward speed later today and Wednesday as the system moves between an upper-level disturbance digging into the Gulf of Mexico and an area of high pressure over the Greater Antilles. This motion should take the center of Milton to west-central Florida Wednesday night.

Fluctuations in intensity due to continued structural changes are likely during the next day or so. An increase in upper-level winds will likely cause some weakening before the hurricane reaches Florida, but there is high confidence that Milton will remain an extremely dangerous hurricane when it reaches Florida.

Hurricane MILTON Model Intensity Guidance

Initialized at 06z Oct 08 2024

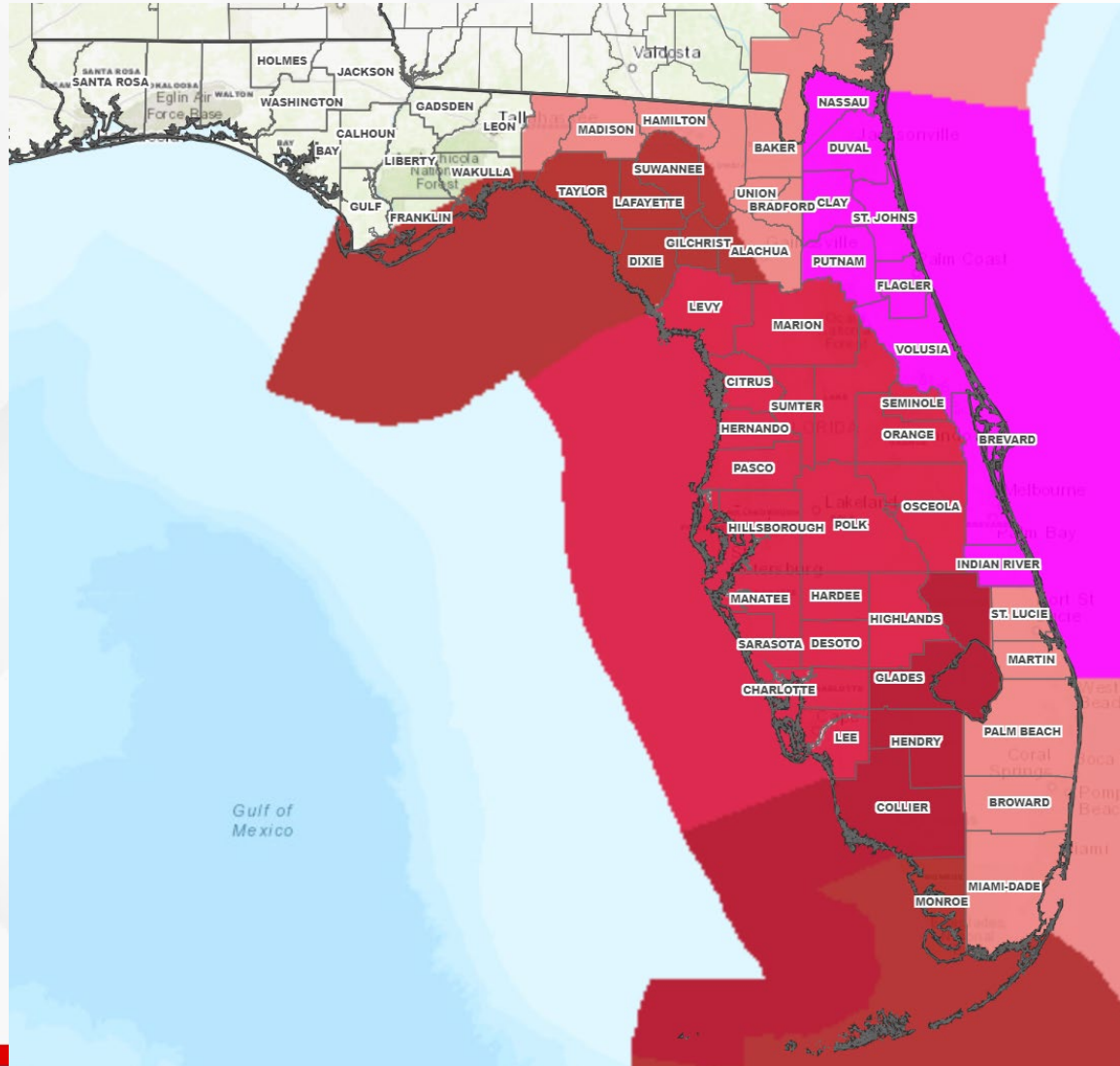
Levi Cowan - tropicaltidbits.com





Current Tropical Wind Watches/Warnings

As of 5:00 AM EDT Tuesday



Hurricane Warning: Levy, Marion, Citrus, Sumter, Lake, Seminole, Hernando, Orange, Pasco, Pinellas, Hillsborough, Polk, Osceola, Manatee, Hardee, Highlands, Sarasota, DeSoto, Charlotte, Lee

Tropical Storm Warning: Coastal Franklin, Coastal Wakulla, Coastal Jefferson, Taylor, Suwannee, Lafayette, Dixie, Gilchrist, Western Columbia, Western Alachua, Okeechobee, Glades, Hendry, Collier, Monroe (including Florida Keys and Dry Tortugas)

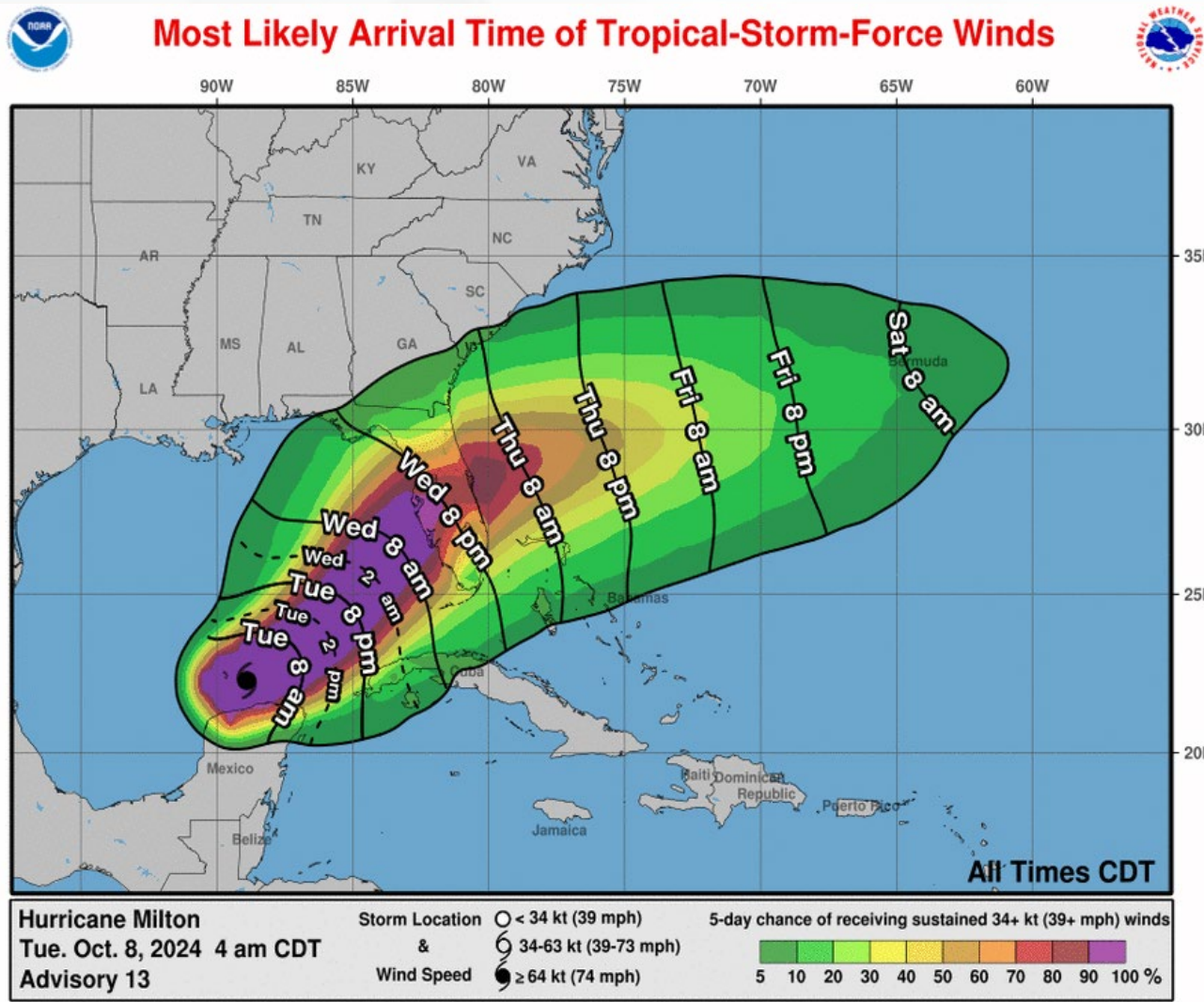
Hurricane Watch: Nassau, Duval, Clay, St. Johns, Putnam, Flagler, Volusia, Brevard, Indian River, Okeechobee, Glades, Hendry, Collier, Dry Tortugas

Tropical Storm Watch: Inland Jefferson, Madison, Hamilton, Eastern Columbia, Baker, Union, Bradford, Eastern Alachua, St. Lucie, Martin, Palm Beach, Broward, Miami-Dade



Timing of Arrival – Tropical Storm-Force Conditions

From the National Hurricane Center (NHC)



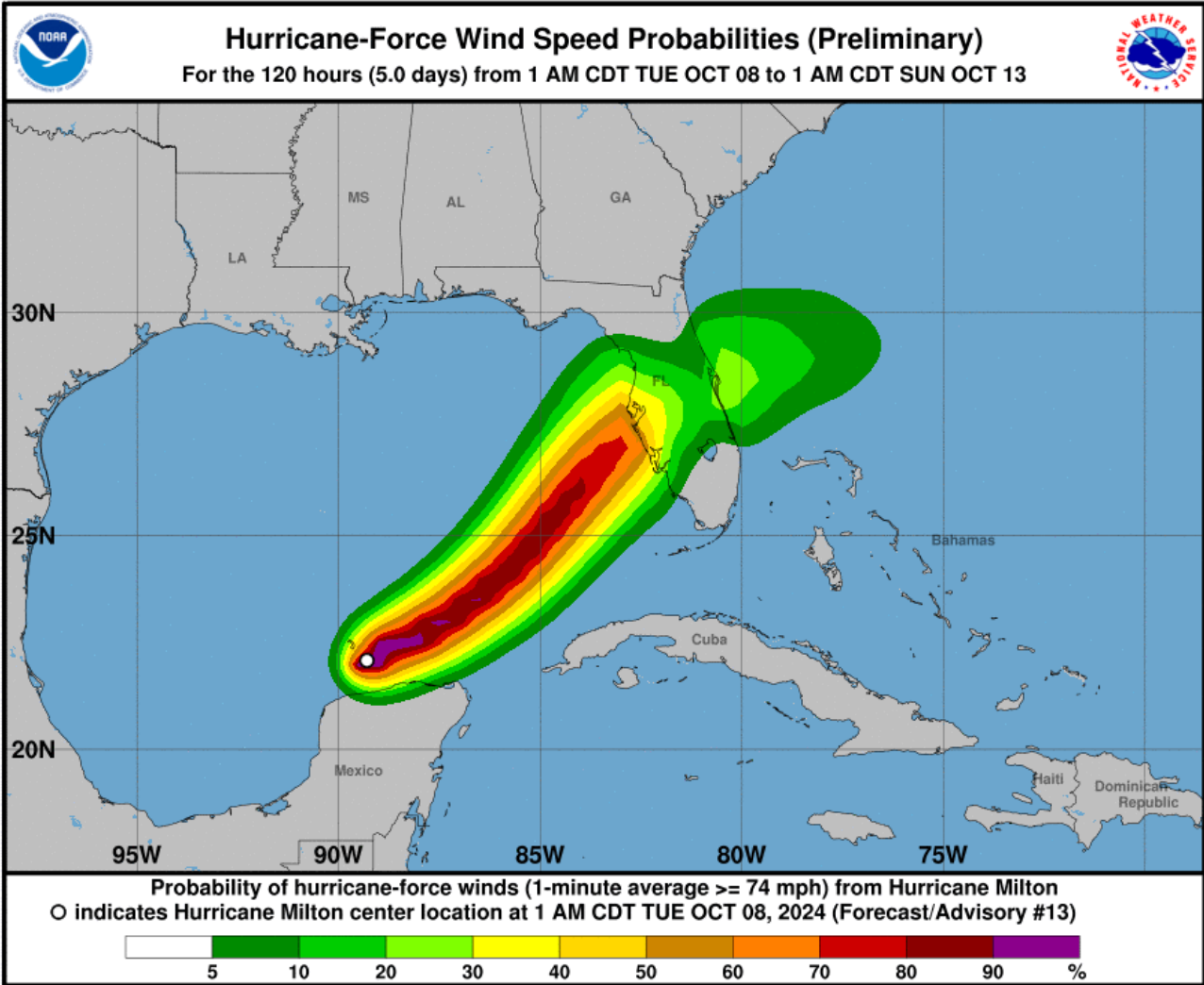
- Tropical storm-force conditions will most likely arrive along the West Florida coastline Wednesday morning to midday and spread eastward across the Florida Peninsula through the Wednesday daytime hours.
- Tropical storm-force winds could arrive as early as early Wednesday morning along the western Florida Peninsula.
- Probabilities (*shaded*) will continue to increase as Milton's landfall is closer in the forecast period.

Location	Probability
Key West	40% (-4%)
Naples	80% (+4%)
Fort Myers	74% (+7%)
Miami	19% (+1%)
West Palm	60% (+3%)
Venice	96% (+2%)
Tampa	93% (+2%)
Orlando	78% (+7%)
Cocoa Beach	87% (+4%)
Cedar Key	65% (+2%)
Daytona Beach	61% (+1%)
Gainesville	41% (+4%)
Jacksonville	22% (-3%)



Hurricane-Force Wind Conditions

From the National Hurricane Center (NHC)



Probabilities will continue to increase as Milton's landfall is closer in the forecast period.

Location	Probability
Key West	0%
Naples	15%
Fort Myers	16%
Miami	0%
West Palm	5%
Venice	54%
Tampa	50%
Orlando	11%
Cocoa Beach	27%
Cedar Key	18%
Daytona Beach	6%
Gainesville	3%
Jacksonville	0%



Key Messages

From the National Hurricane Center (NHC)



Key Messages for Hurricane Milton

Advisory 13: 4:00 AM CDT Tue Oct 08, 2024

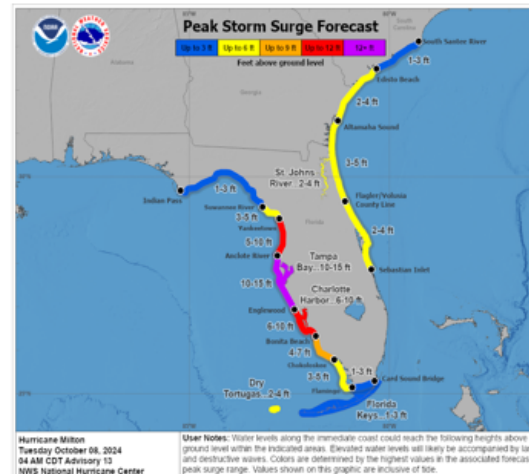


1. Damaging hurricane-force winds and a life-threatening storm surge with destructive waves are expected across portions of the northern coast of the Yucatan Peninsula today.

2. Milton is expected to grow in size and remain an extremely dangerous hurricane when it approaches the west coast of Florida on Wednesday. A large area of destructive storm surge will occur along parts of the west coast of Florida. This is an extremely life-threatening situation and residents in those areas should follow advice given by local officials and evacuate immediately if told to do so.

3. Devastating hurricane-force winds are expected along portions of the west coast of Florida, where a Hurricane Warning is in effect. Milton is forecast to remain a hurricane as it crosses the Florida Peninsula and life-threatening hurricane-force winds, especially in gusts, are expected to spread inland across the peninsula. Preparations to protect life and property in the warning areas should be complete by tonight.

4. Areas of heavy rainfall will continue to impact portions of Florida well ahead of Milton through early Thursday. This rainfall brings the risk of life-threatening flash, urban and aerial flooding along with moderate to major river flooding. Flooding will be exacerbated in areas where coastal and inland flooding combine to increase the overall threat.





Threats & Impacts

From the National Weather Service

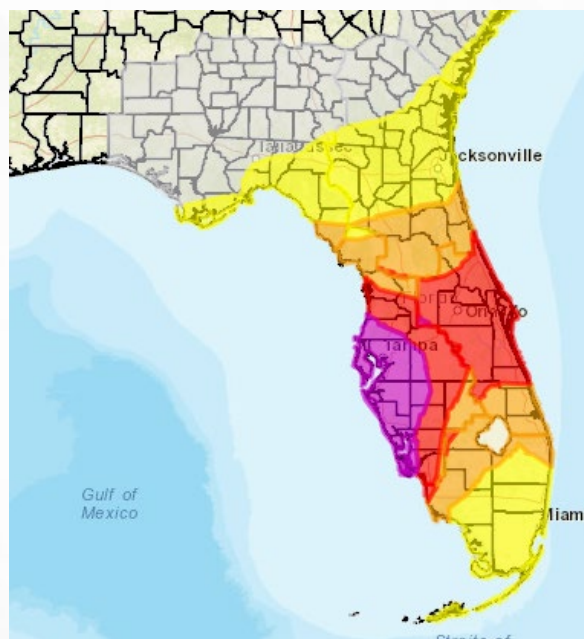
FOUO – For Government Official Use Only

Storm Surge



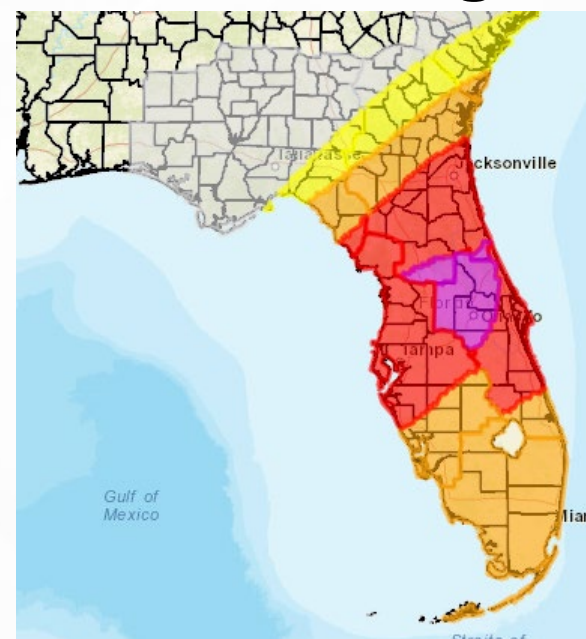
- Widespread deep inundation, with storm surge flooding greatly accentuated by powerful battering waves. Structural damage to buildings, with many washing away. Damage greatly compounded from considerable floating debris. Locations may be uninhabitable for an extended period.
- Near-shore escape routes and secondary roads washed out or severely flooded. Flood control systems and barriers may become stressed.
- Extreme beach erosion. New shoreline cuts possible.
- Massive damage to marinas, docks, boardwalks, and piers. Numerous small craft broken away from moorings with many lifted onshore and stranded.

Wind



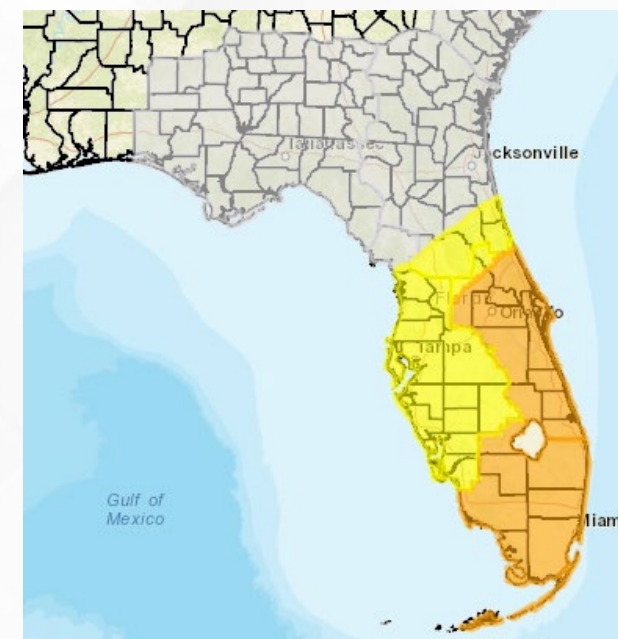
- Structural damage to sturdy buildings, some with complete roof and wall failures. Complete destruction of mobile homes. Damage greatly accentuated by large airborne projectiles. Locations may be uninhabitable for weeks or months.
- Numerous large trees snapped or uprooted along with fences and roadway signs blown over.
- Many roads impassable from large debris, and more within urban or heavily wooded places. Many bridges, causeways, and access routes impassable.
- Widespread power and communications outages.

Flooding



- Major rainfall flooding may prompt many evacuations and rescues.
- Rivers and tributaries may rapidly overflow their banks in multiple places. Small streams, creeks, canals, and ditches may become dangerous rivers. Flood control systems and barriers may become stressed.
- Flood waters can enter many structures within multiple communities, some structures becoming uninhabitable or washed away. Many places where flood waters may cover escape routes. Streets and parking lots become rivers of moving water with underpasses submerged. Driving conditions become dangerous. Many road and bridge closures with some weakened or washed out.

Tornadoes

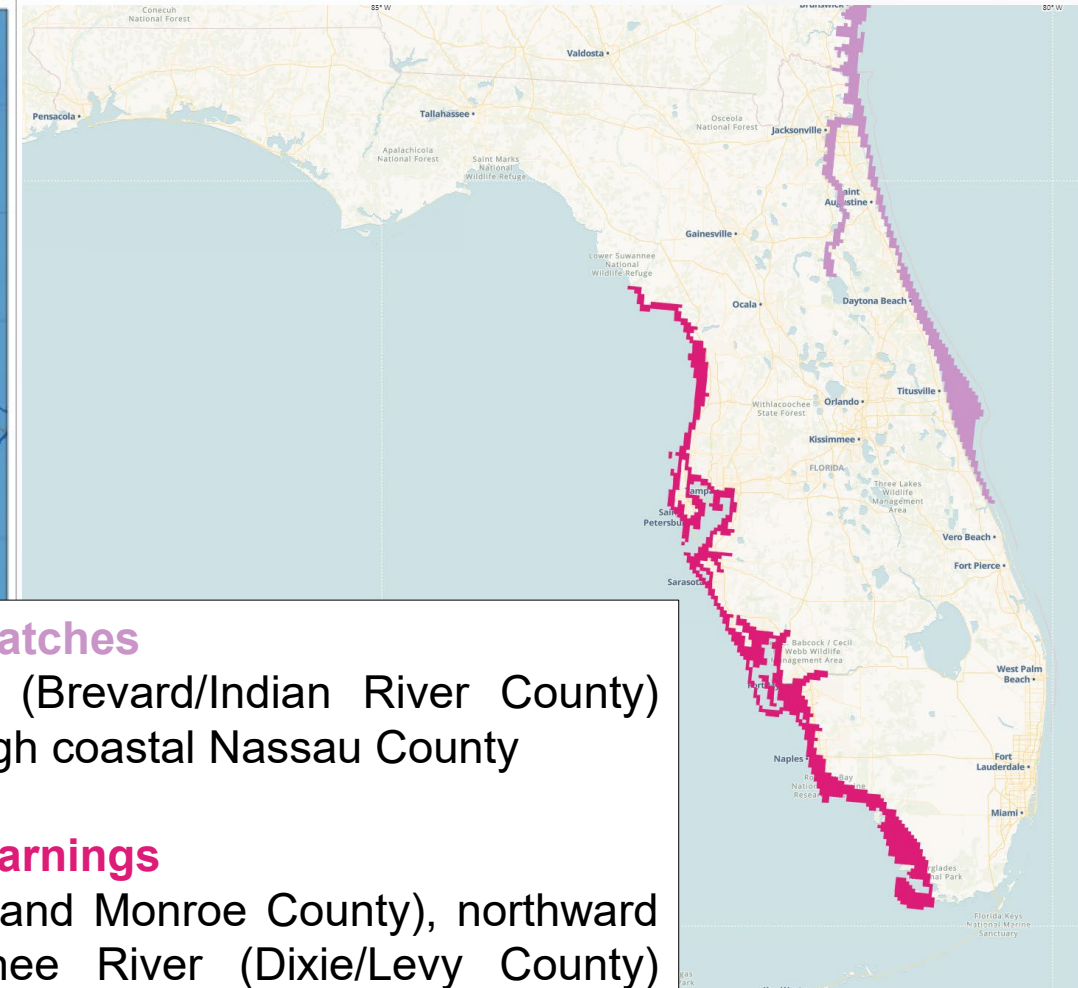
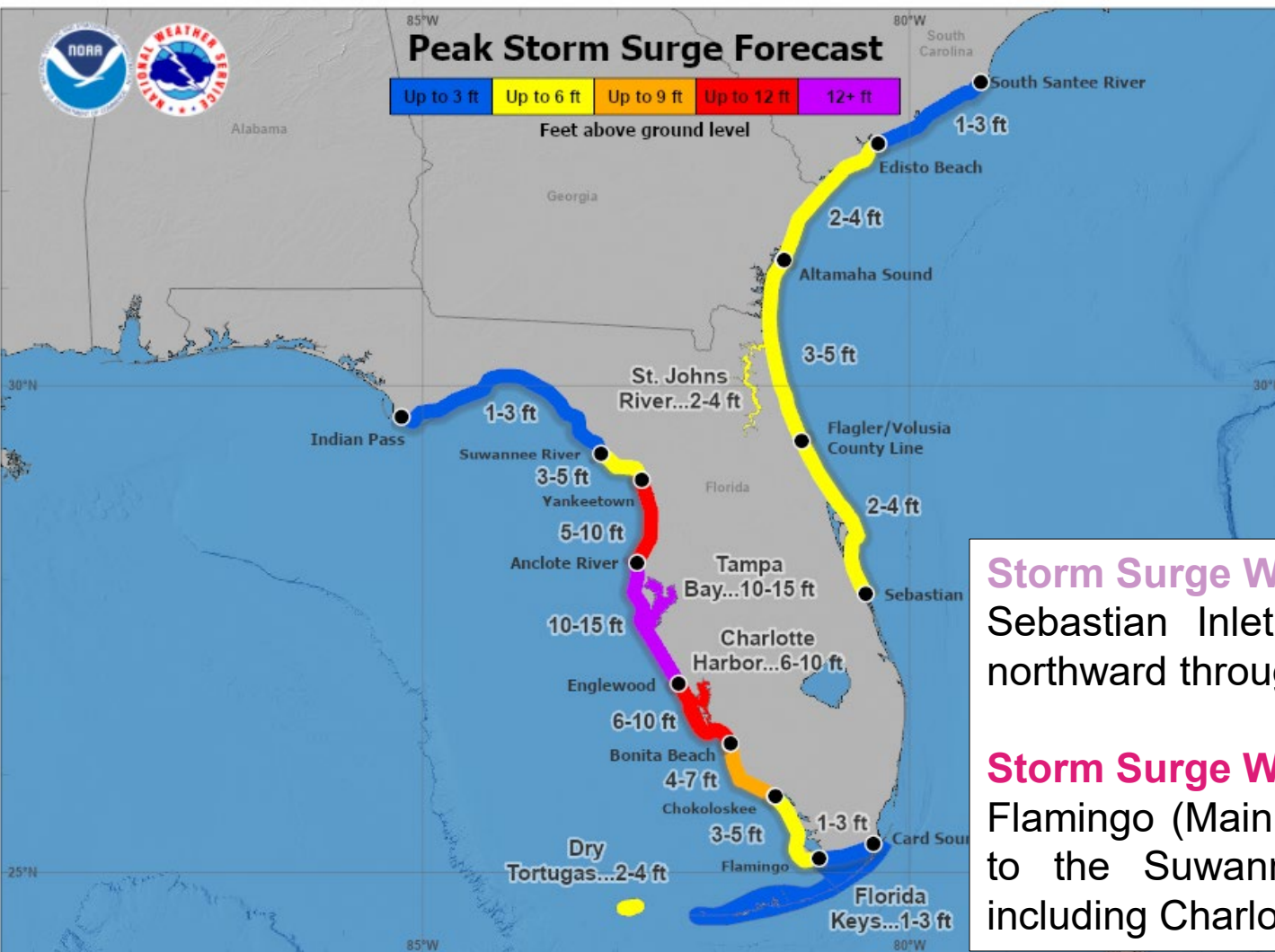


- The occurrence of scattered tornadoes can hinder the execution of emergency plans during tropical events.
- Several places may experience tornado damage with a few spots of considerable damage, power loss, and communications failures.
- Locations could realize roofs torn off frame houses, mobile homes demolished, boxcars overturned, large trees snapped or uprooted, vehicles tumbled, and small boats tossed about. Dangerous projectiles can add to the toll.



Current Storm Surge Watches & Warnings

As of 5:00 AM EDT Tuesday



Storm Surge Watches

Sebastian Inlet (Brevard/Indian River County) northward through coastal Nassau County

Storm Surge Warnings

Flamingo (Mainland Monroe County), northward to the Suwannee River (Dixie/Levy County) including Charlotte Harbor and Tampa Bay.

Hurricane Milton
Tuesday October 08, 2024
04 AM CDT Advisory 13
NWS National Hurricane Center

User Notes: Water levels along the immediate coast could reach the following heights above ground level within the indicated areas. Elevated water levels will likely be accompanied by large and destructive waves. Colors are determined by the highest values in the associated forecast peak surge range. Values shown on this graphic are inclusive of tide.

FOUO – For Government Official Use Only

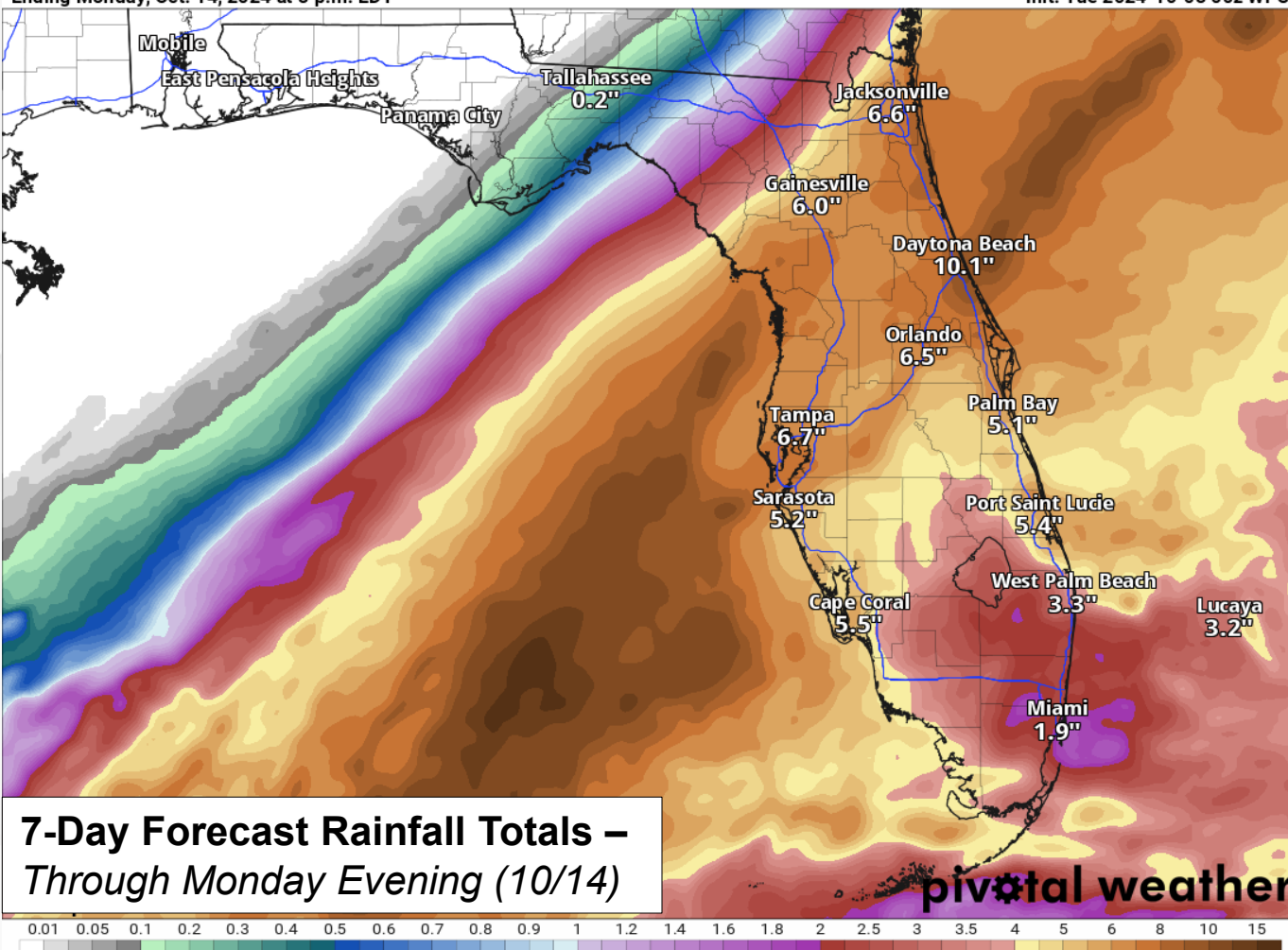


Rainfall Totals – Next 7 Days

From the Weather Prediction Center (WPC)

7-Day Precipitation (in)
Ending Monday, Oct. 14, 2024 at 8 p.m. EDT

Init: Tue 2024-10-08 00z WPC

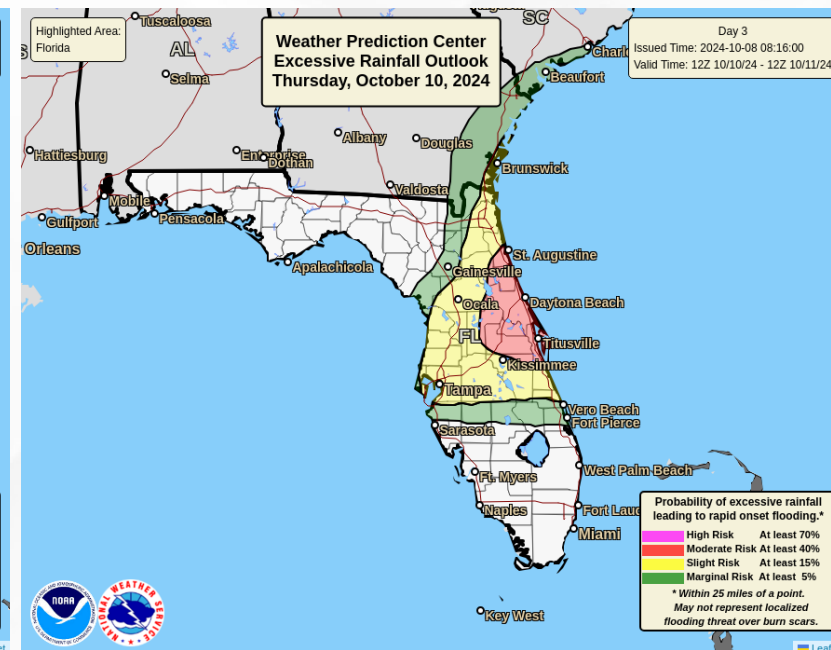
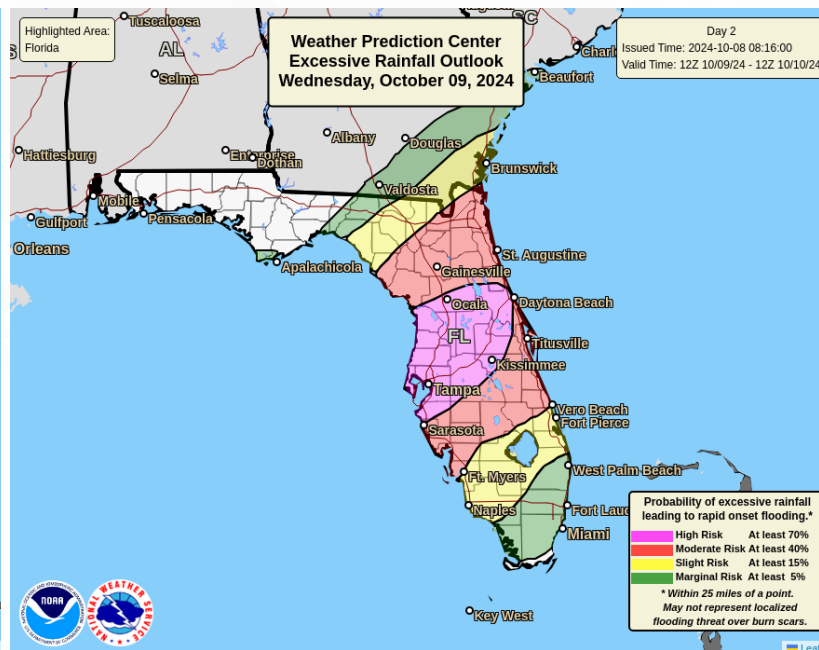
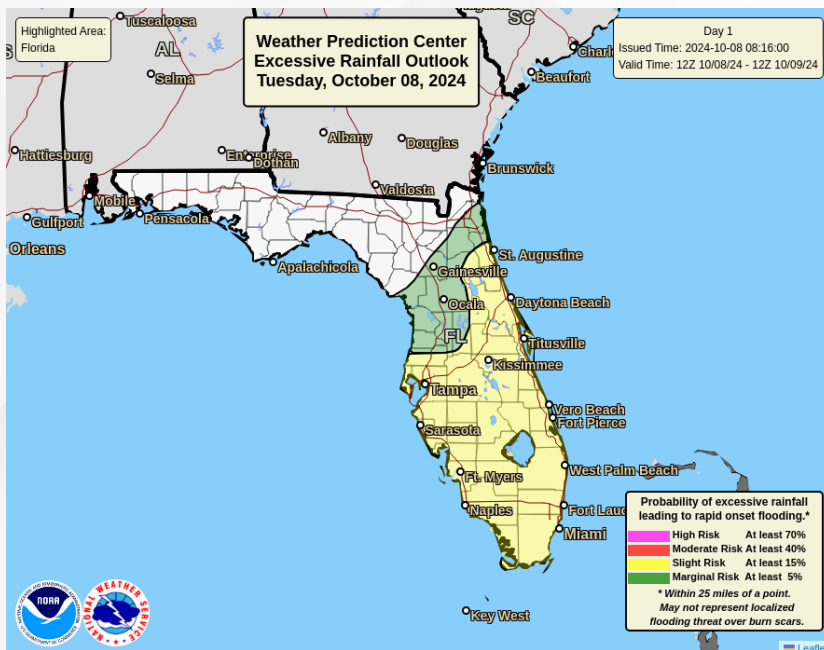


- Rainfall totals heavily tied to the eventual track and forward speed of the system. With computer model guidance uncertainty regarding the exact track, there remains uncertainty as to where the heaviest rainfall can be expected.
- Widespread rainfall totals near 5-10" with **locally higher totals in excess of 15"** are possible across portions of the Peninsula.
 - Drier air circulating along the southern side of the system as it moves across the Peninsula will keep heavy rainfall along the northern side of the system, allowing for widespread rainfall to extend into Northeast Florida.
 - Computer models are indicating the heaviest rainfall totals may occur along and north of the I-4 corridor across Central Florida and into Northeast Florida and along South Florida coastlines; however, the exact placement of these more significant totals will continue to be modified depending on the tropical disturbance's organization and track.



Flash Flood Outlooks – Next 5 Days

From the Weather Prediction Center (WPC)

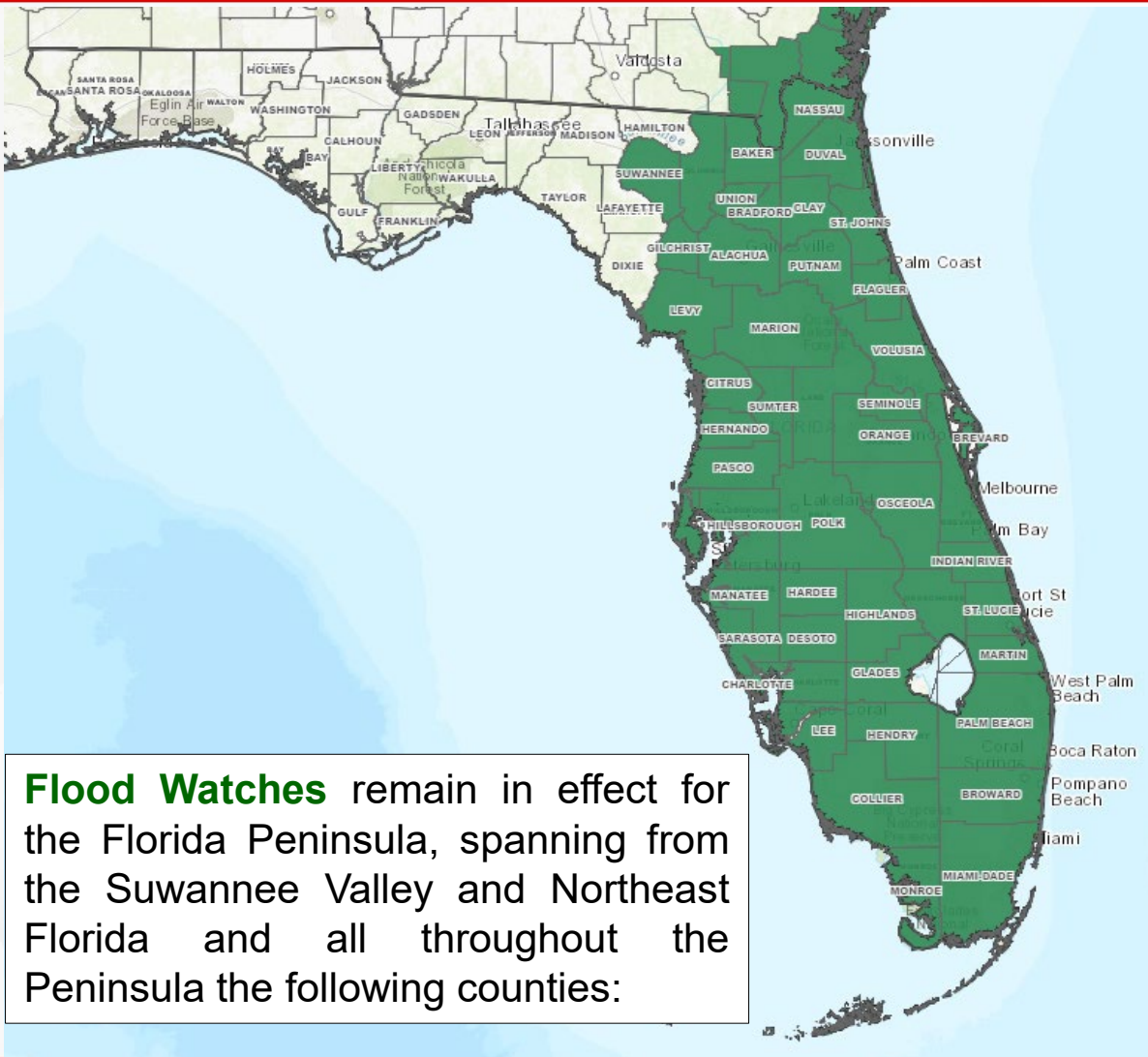


Widespread heavy rainfall can be expected to continue today ahead of the outer bands of Milton, and the Weather Prediction Center (WPC) is outlooking a **Slight Risk (level 2 of 4) for Flash Flooding** throughout much of the Peninsula and towards Northeast Florida with a **Marginal Risk (level 1 of 4)** extending into southern portions of the Suwannee Valley and farther into Northeast Florida. Coastal locations along the West Coast experienced flooding (both tidal and rainfall) due to Major Hurricane Helene, and any coastal or low-lying areas will remain vulnerable to additional rounds of rainfall. Heavy rainfall rates will also be a concern over already saturated and vulnerable soils; ponding water and instances of flooding will be possible, especially throughout the urban and poor drainage/low-lying areas in the Florida Peninsula. WPC has issued a rare **High Risk (level 4 of 4) for Flash Flooding** along the I-4 corridor and northward through the Nature Coast for Wednesday as Milton approaches the west coast of Florida and moves onshore. A **Moderate Risk (level 3 of 4) for Flash Flooding** spreads across much of North and Central Florida Wednesday with a **Slight Risk (level 2 of 4)** extending into portions of the Northwestern Peninsula and into South Florida. A **Slight to Moderate Risk (level 2-3 of 4) for Flash Flooding** is maintained north of Lake Okeechobee through Central Florida and into Northeast Florida Thursday as Milton makes its way off the Florida East Coast.



Flood Watches

From the National Weather Service (NWS)

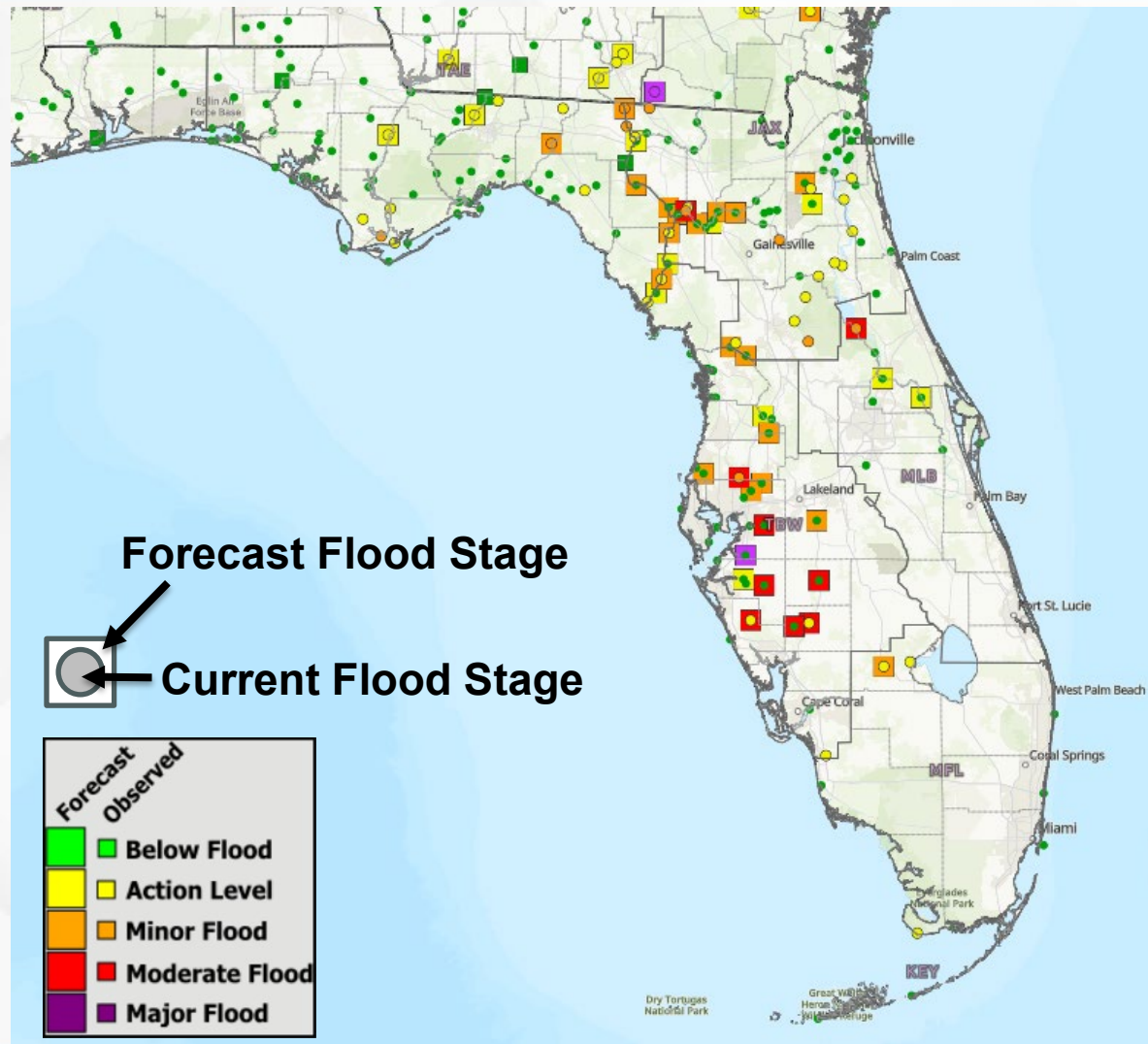


Levy	Volusia	Citrus	Hernando
Pasco	Pinellas	Hillsborough	Manatee
Sarasota	Charlotte	Lee	Collier
Monroe	Hendry	Glades	Highlands
Hardee	DeSoto	Polk	Sumter
Lake	Seminole	Orange	Osceola
Brevard	Okeechobee	Indian River	St. Lucie
Martin	Palm Beach	Broward	Marion
Flagler	Putnam	Alachua	Gilchrist
St. Johns	Clay	Bradford	Union
Columbia	Suwannee	Baker	Duval
Nassau			



Current & Forecast River Conditions

From the National Weather Service



A **River Flood Warning** remains in effect along the [St. Johns River at Astor](#) as water levels will remain within **Minor Flood Stage** over the next several days, rising into **Moderate Flood Stage** later this week as heavy rainfall occurs over trapped water levels within the basin.

The flood wave will progress down the Suwannee River well into next week and water levels will slowly decline. As flood waters from the Georgie headwaters continue to travel down the basins, additional **minor riverine flooding** will be possible along lower portions of the Suwannee River by late this week or this weekend. Backwater flooding is forecast along lower portions of the Santa Fe with the [Santa Fe River at Three Rivers Estates](#) already experiencing **minor flooding** and expected to reach **Moderate Flood Stage** by next weekend.

Numerous **River Flood Warnings** have been issued for **minor to moderate flooding** along North and West-Central Florida rivers, creeks, and waterways (including portions of the [Manatee River](#), [Myakka River](#), [Hillsborough River](#), Peace River [at SR-60 Bartow](#) and [at SR-70 Arcadia](#), [Horse Creek](#), [Fisheating Creek](#), and [North Fork](#) and [South Fork Black Creek](#)) with widespread rainfall anticipated over the next few days. The [Alafia River at Riverview near US-301](#) and [at Lithia Pinecrest](#), [Peace River at Zolfo Springs](#), [Cypress Creek at SR-54](#), and [Little Manatee River near Wimauma at US-301](#) is forecast to reach **Major Flood Stage** by mid-to-late this week.

Additional **River Flood Warnings** will likely be issued over the next few days with numerous other rivers, creeks, and waterways forecast to reach **minor to moderate flood stage**.

For more details, please visit the [River Forecast Center](#).



River Flood Warnings

From the National Weather Service

River Gauge	County(ies) Affected	Current Level	Crest Level	Record Level	Status	Crest Day	Warning Expires
Alafia River at Riverview near US-301	Hillsborough	Below: 2.46 ft	Major: 12.90 ft	9.40 ft	Rising (Tidal)	10-Oct	1532 EDT 10-Oct
Alafia River at Lithia Pinecrest Road at Lithia	Hillsborough	Below: 8.53 ft	Major: 19.60 ft	28.50 ft	Steady	11-Oct	Until Further Notice
Cypress Creek at SR-54	Pasco	Minor: 8.46 ft	Major: 12.20 ft	13.80 ft	Rising	TBD	Until Further Notice
Fisheating Creek at Palmdale	Glades	Action: 6.26 ft	Minor: 7.90 ft	12.40 ft	Steady	TBD	Until Further Notice
Hillsborough River near Zephyrhills	Hillsborough	Below: 4.17 ft	Minor: 12.80 ft	15.30 ft	Steady	11-Oct	Until Further Notice
Horse Creek near Arcadia at SR-72	DeSoto	Action: 10.58 ft	Moderate: 15.00 ft	21.20 ft	Rising	11-Oct	Until Further Notice
Little Manatee River near Wimauma at US-301	Hillsborough	Below: 7.90 ft	Major: 18.20 ft	20.10 ft	Steady	11-Oct	Until Further Notice
Manatee River near Myakka Head at SR-64	Manatee	Below: 7.93 ft	Moderate: 15.80 ft	20.90 ft	Steady	10-Oct	Until Further Notice
Myakka River at Myakka River State Park	Sarasota	Minor: 7.10 ft	Moderate: 9.90 ft	12.80 ft	Rising	TBD	Until Further Notice
North Fork Black Creek near Middleburg	Clay	Below: 5.59 ft	Moderate: 20.00 ft	27.90 ft	Rising	11-Oct	Until Further Notice
South Fork Black Creek near Penney Farms	Clay	Below: 4.89 ft	Moderate: 18.50 ft	29.40 ft	Steady	10-Oct	Until Further Notice
Peace River at SR-60 Bartow	Polk	Below: 6.96 ft	Moderate: 9.20 ft	11.10 ft	Rising	TBD	Until Further Notice
Peace River at Zolfo Springs	Hardee	Below: 12.22 ft	Major: 22.30 ft	27.20 ft	Rising	11-Oct	Until Further Notice
Peace River at SR-70 Arcadia	DeSoto	Action: 10.15 ft	Moderate: 14.90 ft	23.70 ft	Steady	TBD	Until Further Notice
Santa Fe River at Three Rivers Estates	Columbia, Gilchrist, Suwannee	Minor: 17.93 ft	Moderate: 21.40 ft	33.40 ft	Rising	TBD	Until Further Notice
Santa Fe at Worthington Springs	Alachua, Bradford, Union	Below: 54.68 ft	Minor: 63.90 ft	71.20 ft	Steady	12-Oct	Until Further Notice
St. Johns River at Astor	Volusia, Lake	Minor: 2.89 ft	Moderate: 3.90 ft	4.70 ft	Rising	11-Oct	Until Further Notice
St. Marys River near Macclenny	Baker, Nassau	Below: 4.41 ft	Minor: 14.90 ft	24.40 ft	Steady	11-Oct	Until Further Notice



Additional Rivers to Monitor

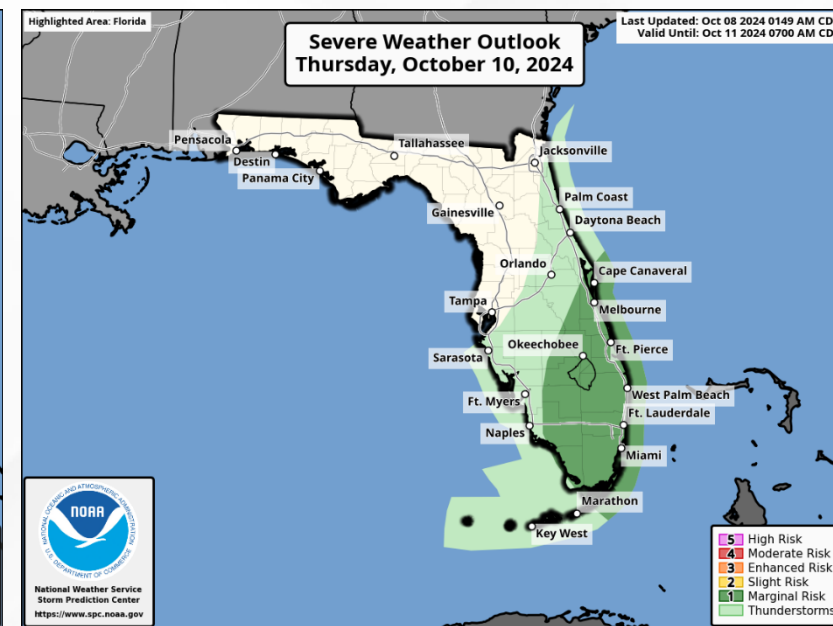
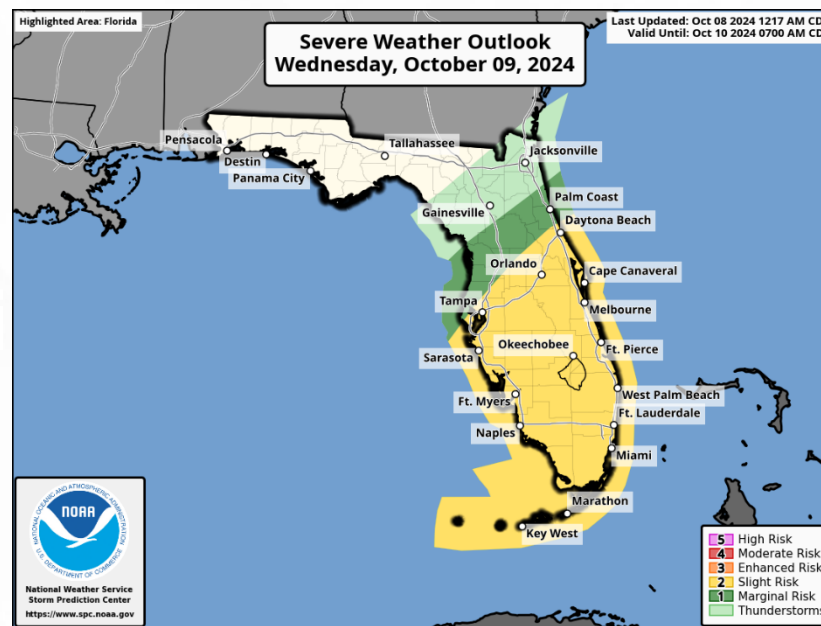
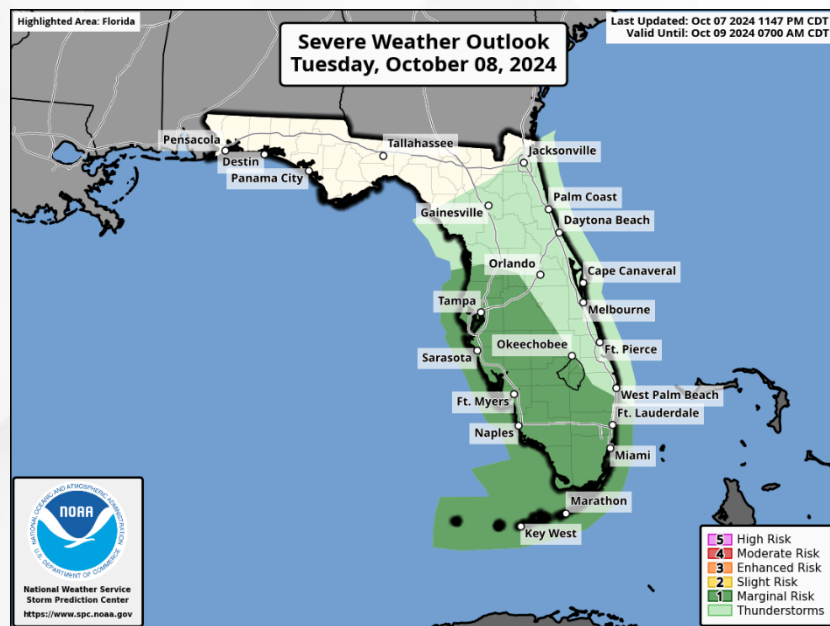
From the National Weather Service

River Gauge	County(ies) Affected	Current Level	Crest Level	Record Level	Status	Crest Day	Warning Expires
Alapaha River near Jennings	Columbia	Moderate: 86.80 ft	N/A	93.30 ft	Rising	N/A	No Warning Issued
Anclote River near Elfers at Little Road	Pasco	Below: 13.09 ft	Minor: 20.50 ft	27.70 ft	Steady	11-Oct	No Warning Issued
Hillsborough River at Morris Bridge	Hillsborough	Below: 28.31 ft	Minor: 33.00 ft	34.70 ft	Steady	TBD	No Warning Issued
Ocklawaha River at Rodman Dam	Putnam	Moderate: 6.00 ft	N/A	9.70 ft	Rising	N/A	
Ocklawaha River at Moss Bluff	Marion	Moderate: 45.45 ft	N/A	N/A	Rising	N/A	No Warning Issued
Santa Fe River near Hildreth	Gilchrist, Suwannee	Below: 17.66 ft	Minor: 21.50 ft	33.40 ft	Rising	TBD	No Warning Issued
Santa Fe River near Fort White	Columbia, Gilchrist	Below: 21.37 ft	Minor: 24.70 ft	35.40 ft	Steady	TBD	No Warning Issued
Santa Fe River near High Springs	Alachua, Columbia	Below: 31.62 ft	Minor: 38.70 ft	48.50 ft	Steady	13-Oct	No Warning Issued
Santa Fe River at O'leno State Park	Alachua, Columbia, Union	Below: 39.35 ft	Minor: 51.90 ft	57.10 ft	Steady	12-Oct	No Warning Issued
St. Johns River above Lake Harney	Seminole, Volusia	Below: 5.99 ft	Minor: 8.50 ft	12.70 ft	Rising	TBD	No Warning Issued
Suwannee River at Branford (US-27)	Gilchrist, Lafayette, Suwannee	Below: 21.89 ft	Minor: 25.90 ft	38.10 ft	Rising	TBD	No Warning Issued
Suwannee River at Rock Bluff near Bell (CR-340)	Dixie, Gilchrist, Lafayette	Action: 15.10 ft	Minor: 18.10 ft	N/A	Rising	TBD	No Warning Issued
Suwannee River at Manatee Springs	Dixie, Levy	Action: 5.22 ft	Minor: 7.30 ft	16.00 ft	Rising	TBD	No Warning Issued
Withlacoochee River at US-41 Dunnellon	Citrus, Levy, Marion	Below: 28.20 ft	Minor: 29.90 ft	33.00 ft	Steady	TBD	No Warning Issued
Withlacoochee River near Holder at SR-200	Citrus, Marion, Sumter	Below: 6.44 ft	Minor: 8.80 ft	13.30 ft	Rising	TBD	No Warning Issued
Withlacoochee River at US-301 Trilby	Hernando, Pasco	Below: 9.29 ft	Minor: 13.20 ft	20.40 ft	Falling	TBD	No Warning Issued



Isolated Tropical Tornadoes

From the Storm Prediction Center (SPC)



The Storm Prediction Center (SPC) is outlooking a **Marginal Risk (level 1 of 5) for Severe Weather** along much of the western Florida Peninsula and across South Florida and the Keys tonight into Wednesday and a **Slight Risk (level 2 of 4) for Severe Weather** along and south of the I-4 corridor with a **Marginal Risk (level 1 of 5)** extending northward towards Gainesville Wednesday as isolated tropical tornadoes will be possible within Hurricane Milton's outer rainbands. A **Marginal Risk (level 1 of 5)** is maintained across South Florida and along lower portions of the Central-East Coast Thursday as trailing outer bands may continue to move through as Milton moves off the East Coast of Florida.

Tornado Watches and Warnings will be issued as conditions warrant.



Summary

FOUO – For Government Official Use Only

Major Hurricane Milton:

- As of 5:00 AM EDT, Milton is located about 560 miles southwest of Tampa, Florida and moving east-northeastward at 12 mph.
- A turn toward the east-northeast and northeast is expected today and Wednesday.
- On the forecast track, the center of Milton is forecast to move just north of the Yucatan Peninsula today and approach the west coast of the Florida Peninsula on Wednesday.
- The hurricane will likely make landfall in Florida Wednesday night.
- Maximum sustained winds are near 155 mph with higher gusts, making Milton an extremely dangerous category 4 hurricane on the Saffir-Simpson scale.
- While fluctuations in intensity are expected, Milton is forecast to remain an extremely dangerous hurricane through landfall in Florida.
- Milton is still a relatively compact hurricane, but the wind field is expected to continue to grow in size as it approaches Florida.
- Potentially devastating hurricane-force winds are expected along portions of the Florida West Coast where a Hurricane Warning is in effect.
 - There is an increasing risk for life-threatening impacts along the West Coast of the Florida Peninsula beginning Wednesday and continuing to spread inland across the Peninsula as Milton approaches the coast.
 - The extent and locations of these impacts remain uncertain as it will be heavily tied to the eventual track and forward speed of the system.

Florida Outlook:

- **Hurricane Warnings** are in effect for the following counties: Levy, Marion, Citrus, Sumter, Lake, Seminole, Hernando, Orange, Pasco, Pinellas, Hillsborough, Polk, Osceola, Manatee, Hardee, Highlands, Sarasota, DeSoto, Charlotte, Lee.
- **Tropical Storm Warnings** are in effect for the following counties: Coastal Franklin, Coastal Wakulla, Coastal Jefferson, Taylor, Suwannee, Lafayette, Dixie, Gilchrist, Western Columbia, Western Alachua, Okeechobee, Glades, Hendry, Collier, Monroe (including Florida Keys and Dry Tortugas).
- **Hurricane Watches** are in effect for the following counties: Nassau, Duval, Clay, St. Johns, Putnam, Flagler, Volusia, Brevard, Indian River, Okeechobee, Glades, Hendry, Collier, Dry Tortugas.
- **Tropical Storm Watches** are in effect for the following counties: Inland Jefferson, Madison, Hamilton, Eastern Columbia, Baker, Union, Bradford, Eastern Alachua, St. Lucie, Martin, Palm Beach, Broward, Miami-Dade.
- **Storm Surge Warnings** are in effect from the West Coast of Florida from Flamingo (Mainland Monroe County) northward to the Suwannee River (Dixie/Levy County Line), including Charlotte Harbor and Tampa Bay.
- **Storm Surge Watches** have been issued from Sebastian Inlet to the Florida-Georgia state line, including the St. Johns River (Brevard/Indian River County Line to Nassau County)
- **Peak Storm Surge forecasts:**
 - Anclote River (Pasco/Pinellas County Line) to Englewood (Sarasota/Charlotte County Line), including Tampa Bay: **10-15'**
 - Englewood (Sarasota/Charlotte County Line) to Bonita Beach (Lee/Collier County Line), including Charlotte Harbor: **6-10'**
 - Yankeetown (Levy/Citrus County Line) to Anclote River (Pasco/Pinellas County Line): **5-10'**
 - Bonita Beach (Lee/Collier County Line) to Chokoloskee (Collier/Monroe County Line): **4-7'**
 - Suwannee River to Yankeetown and Chokoloskee to Flamingo: **3-5'**

The next briefing packet will be issued on Tuesday morning. For the latest information, please visit the [National Hurricane Center website](#).



Summary

FOUO – For Government Official Use Only

Florida Outlook Cont.:

- Flagler/Volusia County Line to Florida-Georgia state line: **3-5'**
- Sebastian Inlet to Flagler/Volusia County Line: **2-4'**
 - Dry Tortugas: **2-4'**
 - St. Johns River: **2-4'**
- *Surge values will be dependent on the future path of Milton and its approach to the Florida West Coast, and updates to the forecast can be expected.*
- Areas of heavy rainfall will impact portions of Florida today and Tuesday, well ahead of Milton, with rainfall more directly tied to Milton expected late Tuesday and Wednesday. **Widespread rainfall totals near 5-10"** with locally higher totals **in excess of 10-15"** are possible across portions of the Peninsula.
 - Rainfall totals heavily tied to the eventual track and forward speed of the system. With computer model guidance uncertainty regarding the exact track, there remains uncertainty as to where the heaviest rainfall can be expected.
 - The Weather Prediction Center (WPC) is outlooking a **Slight Risk (level 2 of 4) for Flash Flooding** throughout most of the Peninsula and towards Northeast Florida today with a **Marginal Risk (level 1 of 4)** extending into southern portions of the Suwannee Valley.
 - **A rare High Risk (level 4 of 4) for Flash Flooding** is outlooked along the I-4 corridor and northward through the Nature Coast for Wednesday as Milton approaches the west coast of Florida and moves onshore. A **Moderate Risk (level 3 of 4) for Flash Flooding** spreads across much of North and Central Florida Wednesday with a **Slight Risk (level 2 of 4)** extending into portions of the Northwestern Peninsula and into South Florida.
 - A **Slight to Moderate Risk (level 2-3 of 4) for Flash Flooding** is maintained north of Lake Okeechobee through Central Florida and into Northeast Florida Thursday as Milton makes its way off the Florida East Coast.
 - **Flood Watches** extend from the Suwannee Valley, Northeast Florida and throughout the entire Peninsula.
- Rivers, creeks/streams, and waterways across North and Central Florida are already running above normal for this time of year due to widespread heavy rainfall from Hurricane Debby. **River Flood Warnings** remain in effect along portions of the Withlacoochee, Aucilla, St. Johns, and several West-Central Florida rivers, creeks, and waterways for ongoing **minor to moderate flooding**.
 - Numerous **River Flood Warnings** have been issued as heavy rainfall is anticipated this week, likely leading to water level rises in the Florida Peninsula.
 - Computer models are currently suggesting there is potential for **widespread minor to moderate flooding** across West-Central Florida waterways, with **instances of major flooding** possible near the maximum rainfall totals.
- Outer bands moving onshore may bring isolated tropical tornadoes along the Florida West Coast late Tuesday into early Wednesday morning (**Marginal Risk for Severe Weather – level 1 of 5**) and along much of the Peninsula throughout the day Wednesday (**Marginal to Slight Risk for Severe Weather – level 1-2 of 5**).
 - *Tornado Watches and Warnings will be issued as conditions warrant.*
 - A **Marginal Risk (level 1 of 5) for Severe Weather** is maintained across South Florida and along lower portions of the Central-East Coast Thursday as trailing outer bands may continue to move through as Milton moves off the East Coast of Florida.

The next briefing packet will be issued on Tuesday morning. For the latest information, please visit the [National Hurricane Center website](#).



Tropical Update

FOUO – For Government Official Use Only



Created by:

Melissa James, Assistant State Meteorologist

Melissa.James@em.myflorida.com

State Meteorological Support Unit

Florida Division of Emergency Management

Users wishing to subscribe (approval pending) to this distribution list, register at:

https://public.govdelivery.com/accounts/FLDEM/subscriber/new?topic_id=SERT_Met_Tropics.

Other reports available for subscription are available at:

<https://public.govdelivery.com/accounts/FLDEM/subscriber/new?preferences=true>