



Tropical Update



10:30 AM EDT

Friday, September 1, 2023

Idalia Recovery Weather

Hurricane Franklin, Post-Tropical Storm Idalia, Tropical Storm Jose, Tropical Depression Gert, Invest 94L, & Eastern and Central Tropical Atlantic

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.



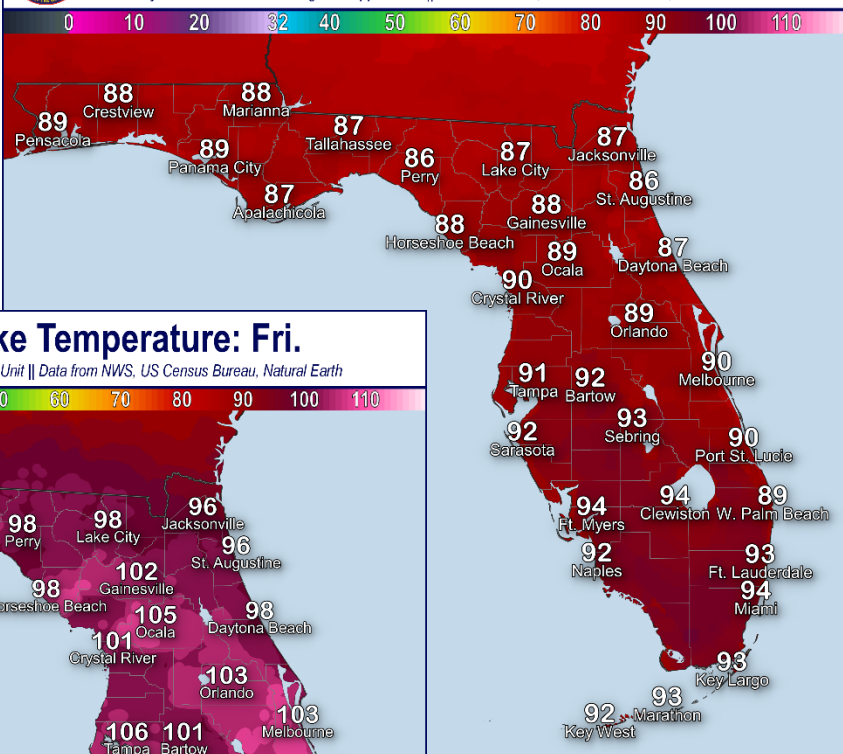
Recovery Weather

Friday



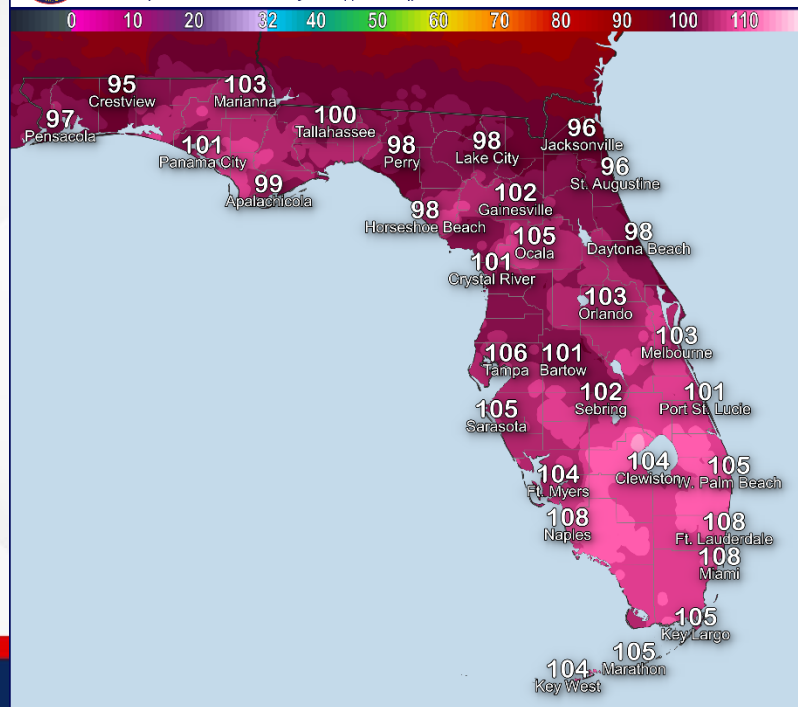
High Temperatures: Friday

Created by FDEM State Meteorological Support Unit || Data from NWS, US Census Bureau, Natural Earth



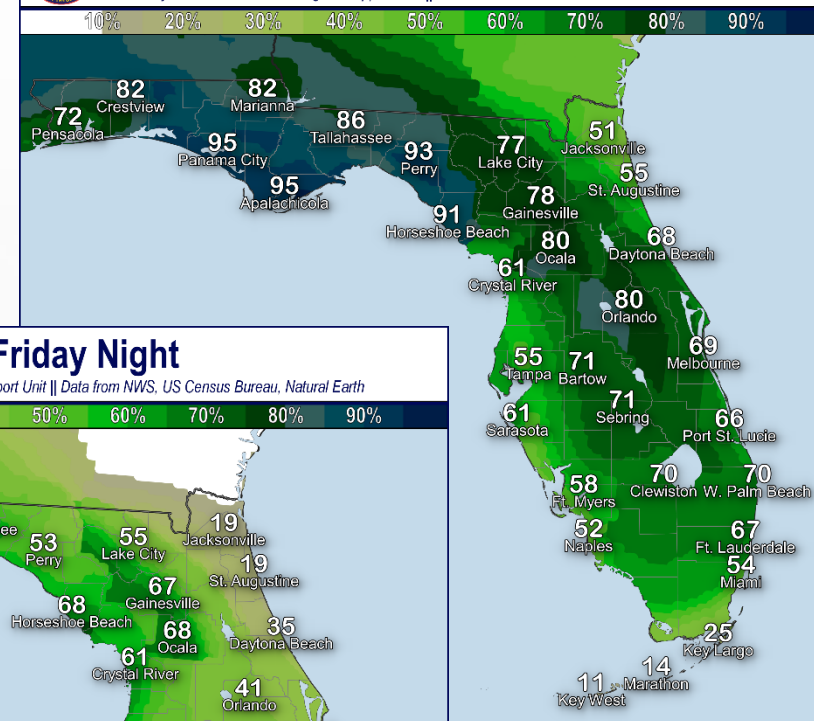
Maximum Feels Like Temperature: Fri.

Created by FDEM State Meteorological Support Unit || Data from NWS, US Census Bureau, Natural Earth



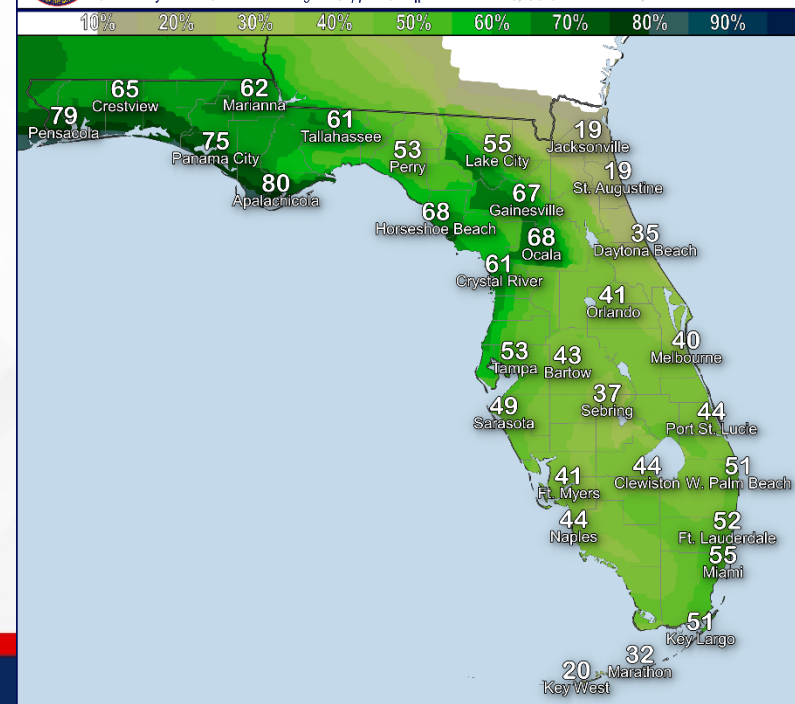
Chance of Rain: Friday

Created by FDEM State Meteorological Support Unit || Data from NWS, US Census Bureau, Natural Earth



Chance of Rain: Friday Night

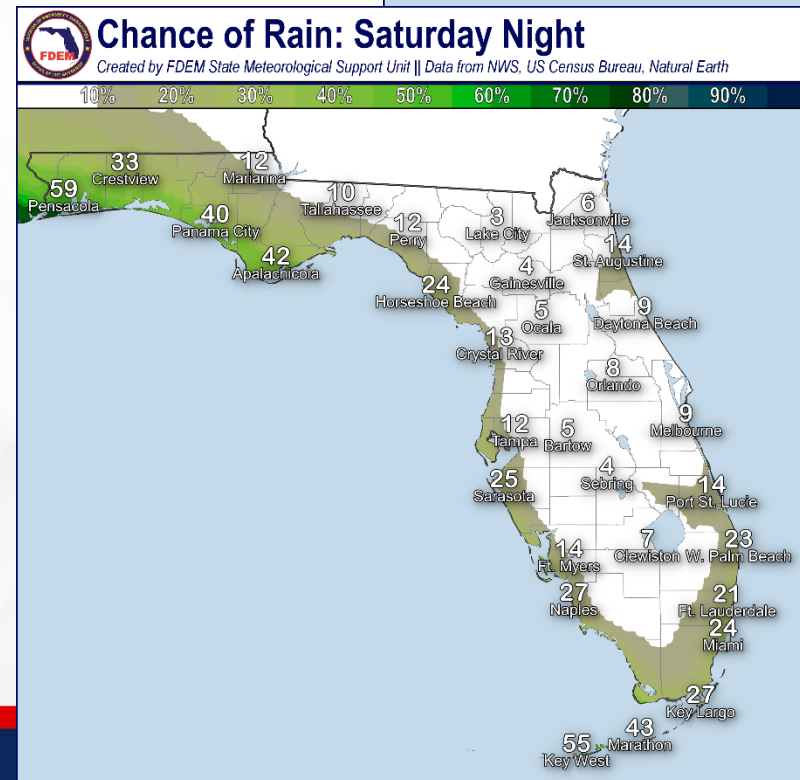
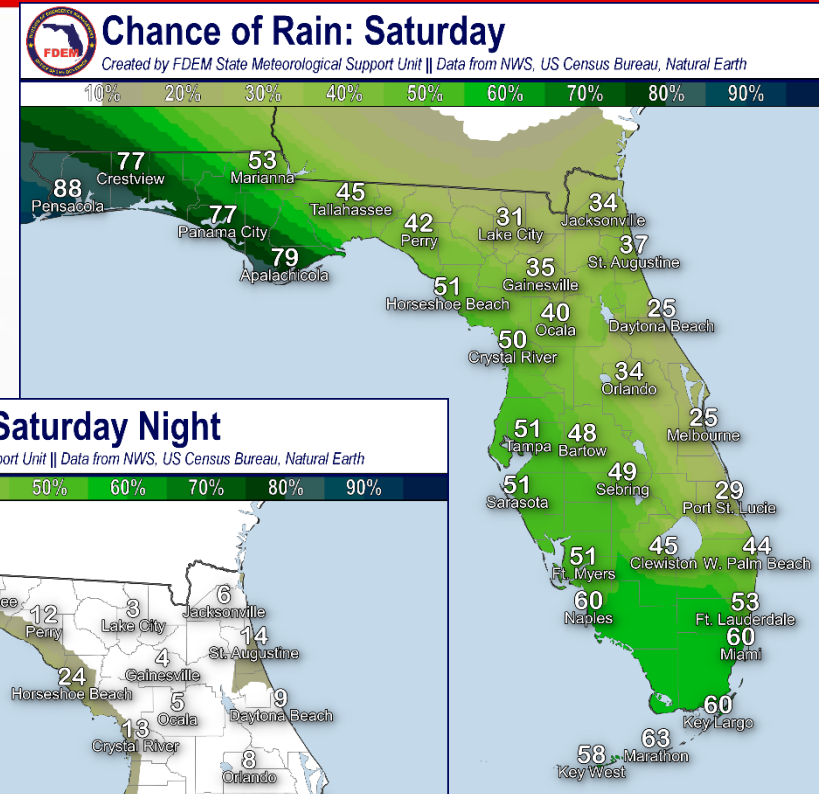
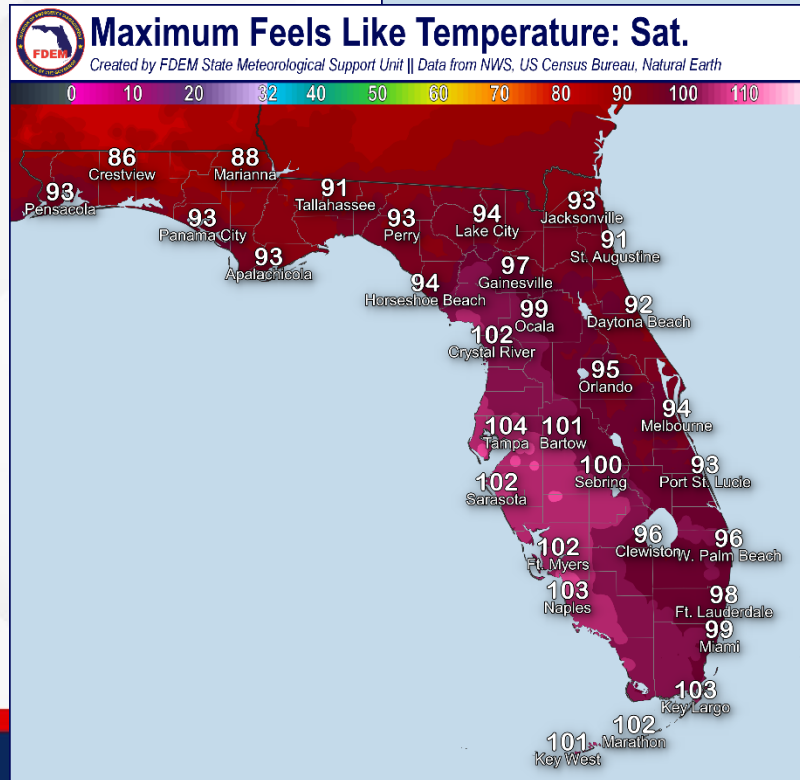
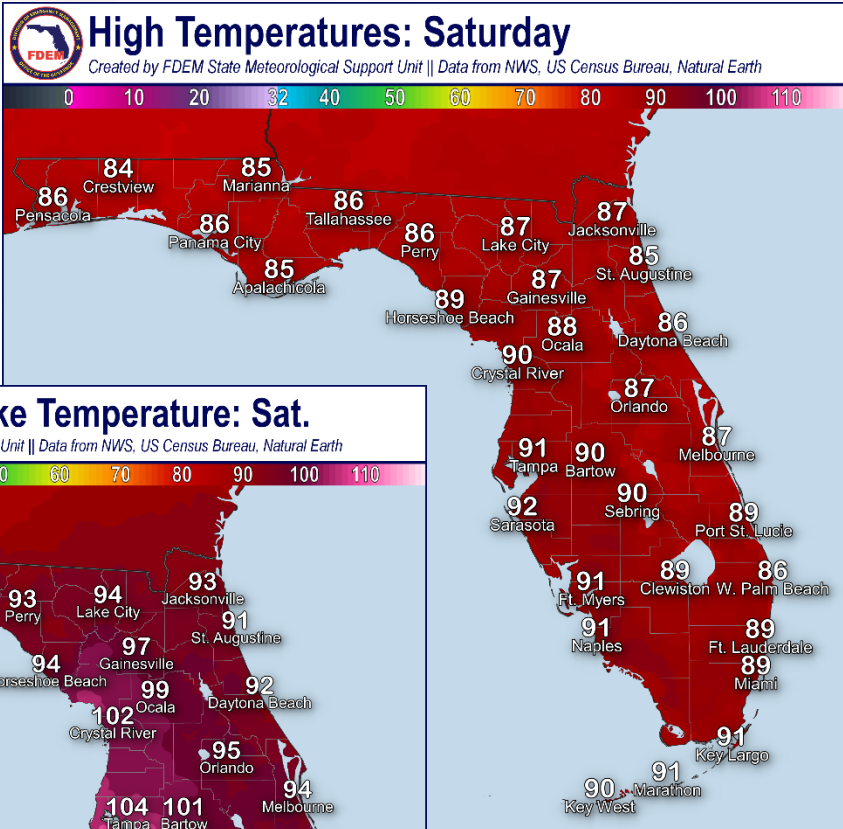
Created by FDEM State Meteorological Support Unit || Data from NWS, US Census Bureau, Natural Earth





Recovery Weather

Saturday





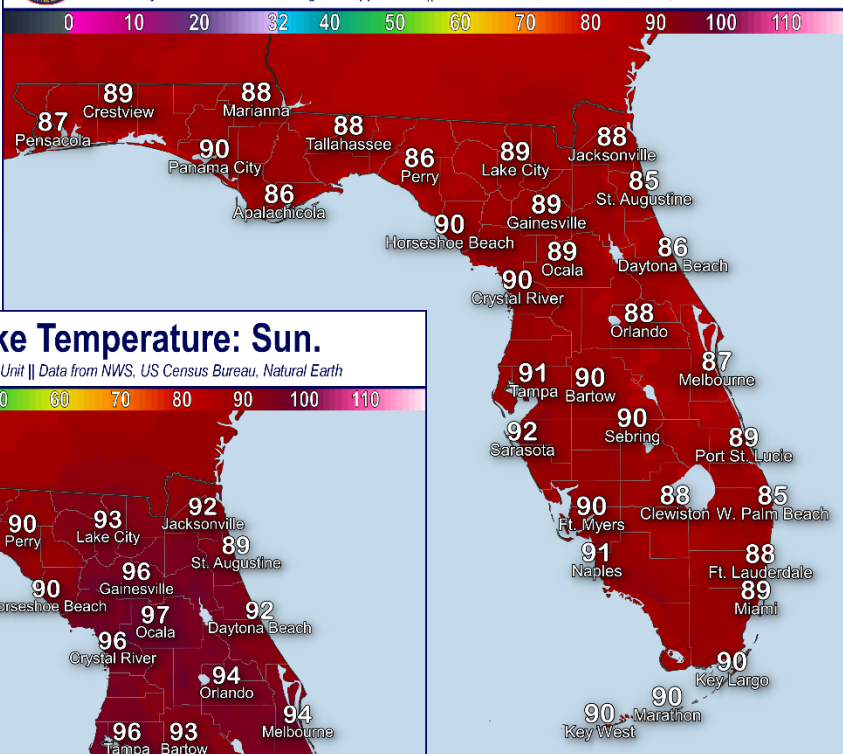
Recovery Weather

Sunday



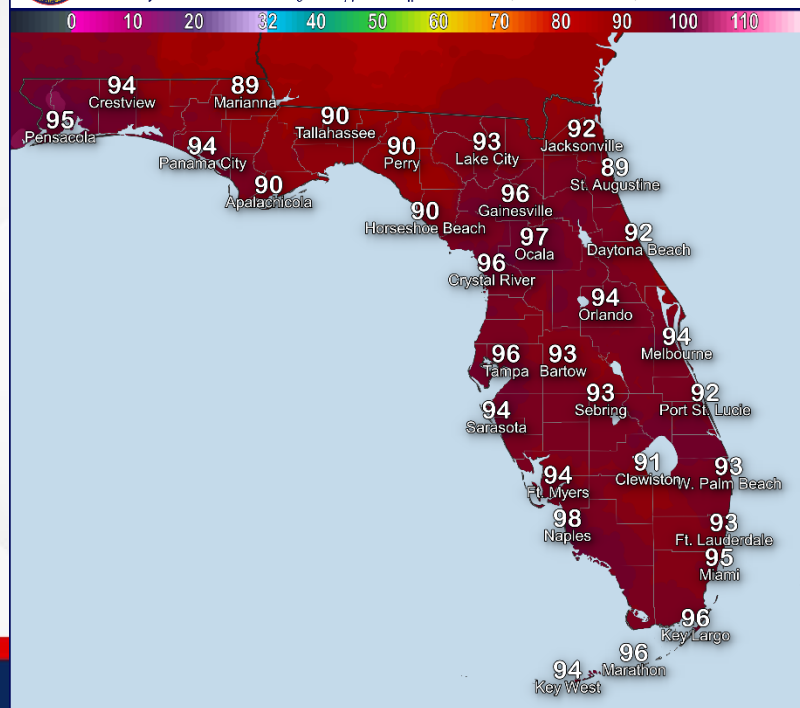
High Temperatures: Sunday

Created by FDEM State Meteorological Support Unit || Data from NWS, US Census Bureau, Natural Earth



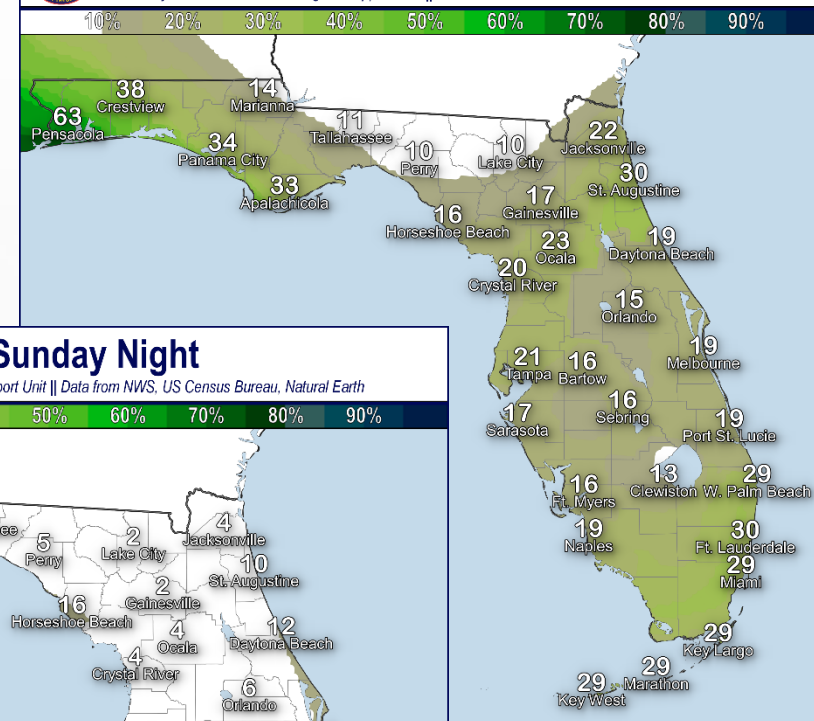
Maximum Feels Like Temperature: Sun.

Created by FDEM State Meteorological Support Unit || Data from NWS, US Census Bureau, Natural Earth



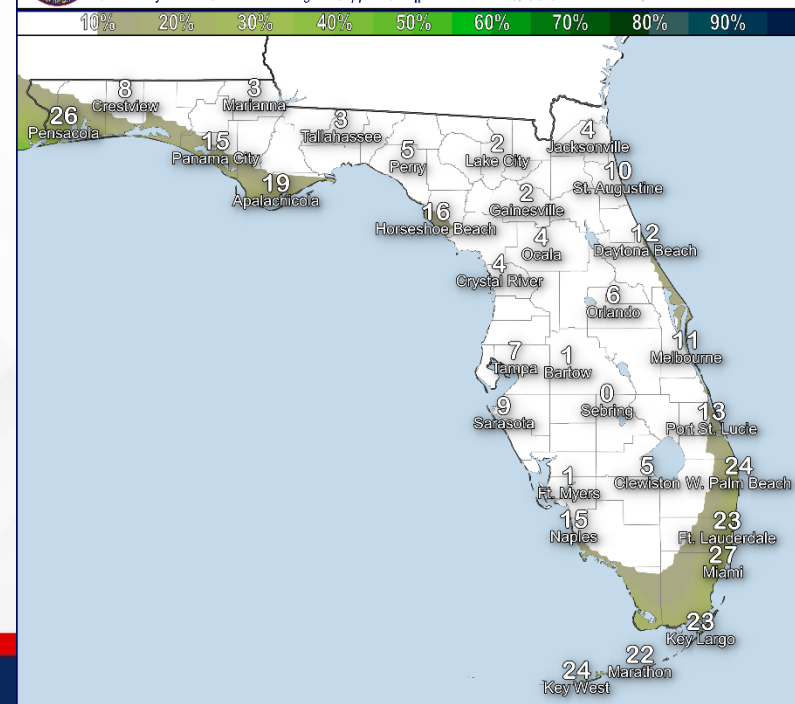
Chance of Rain: Sunday

Created by FDEM State Meteorological Support Unit || Data from NWS, US Census Bureau, Natural Earth



Chance of Rain: Sunday Night

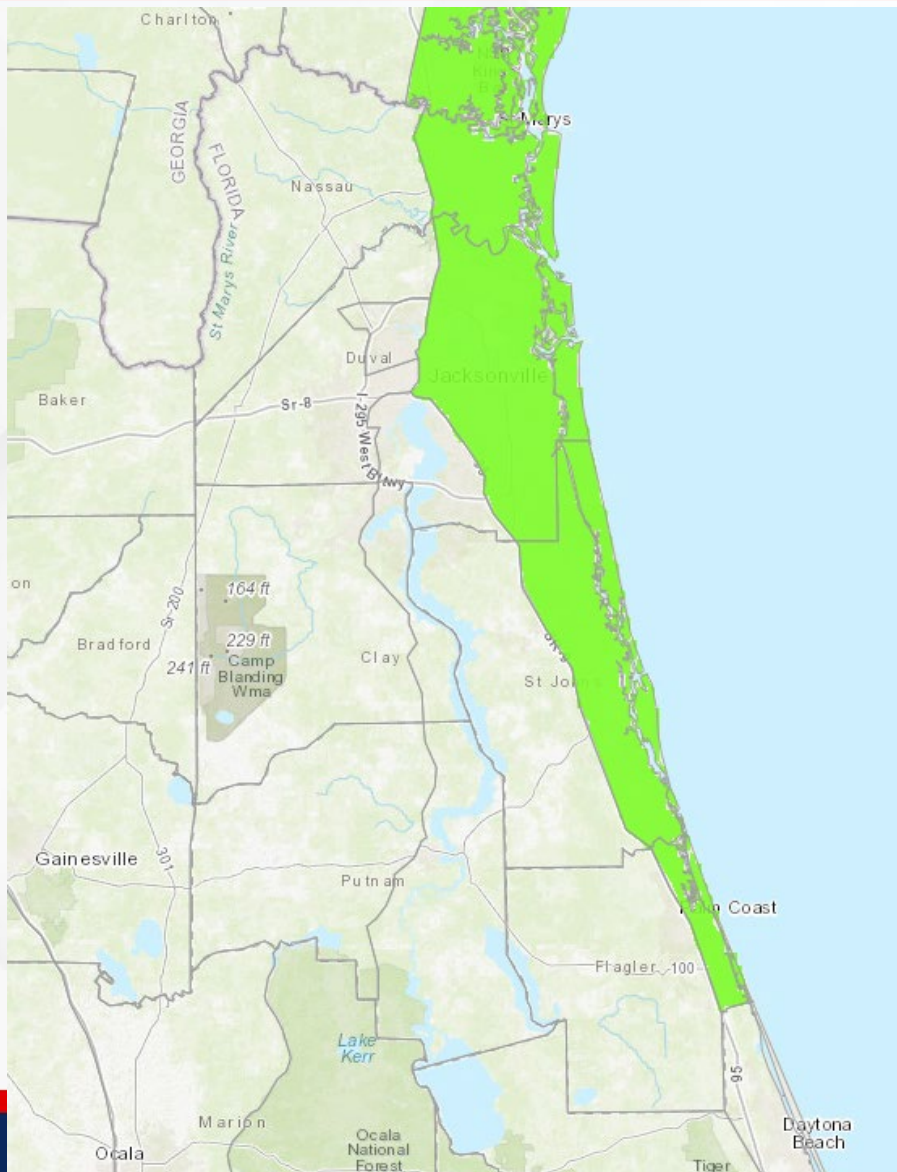
Created by FDEM State Meteorological Support Unit || Data from NWS, US Census Bureau, Natural Earth





Coastal Flood Advisory

Until 1:00 PM EDT Saturday (9/2)



Coastal Nassau
Coastal Duval
Coastal St. Johns
Coastal Flagler

Strengthening onshore flow will elevate tide along the Atlantic Coast and within the Lower St. Johns (*tidal portions of the river*) through Saturday morning's high tide cycle, at least. **Minor coastal flooding** will be possible along the Atlantic Coast beginning with tonight's high tide. Water levels of 1.5-2.5' above normally dry ground is anticipated along the coast.

Times of High Tide:

Mayport NAS – 11:30 AM EDT

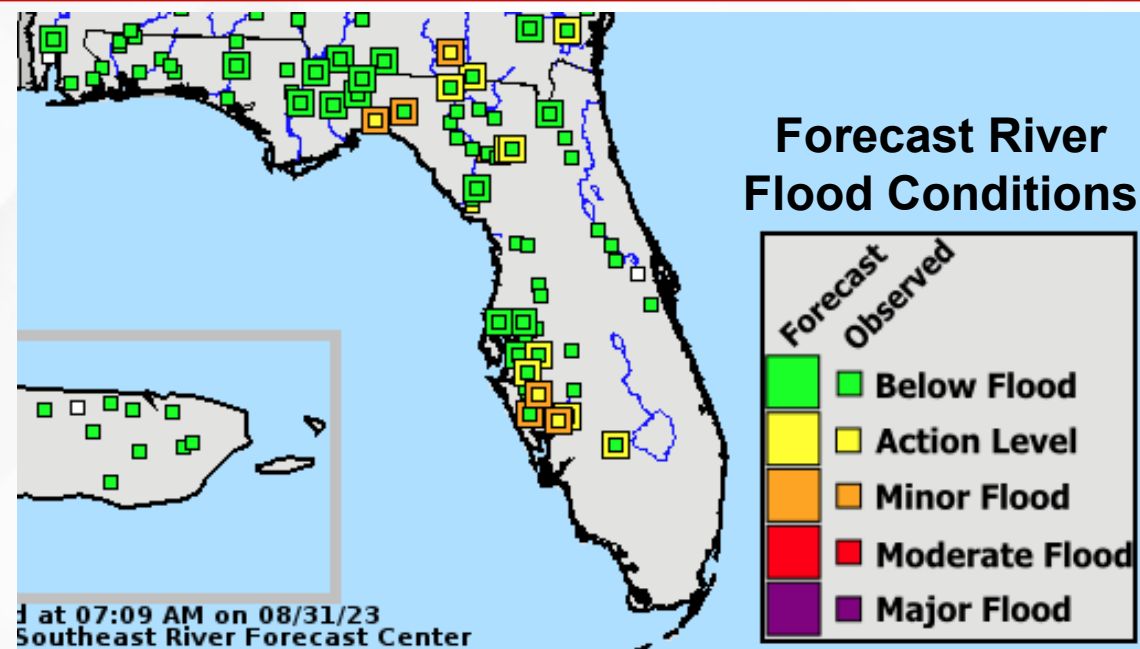
Downtown Jacksonville (St. Johns) – 11:51 AM EDT

New Smyrna Beach – High tide now and 10:21 PM EDT

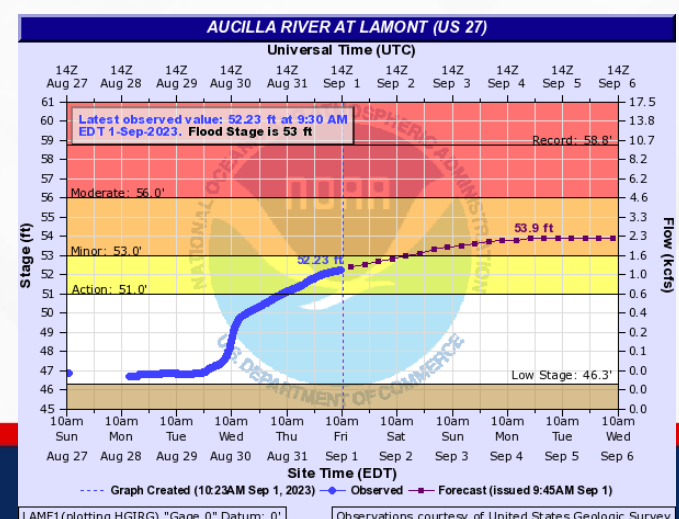
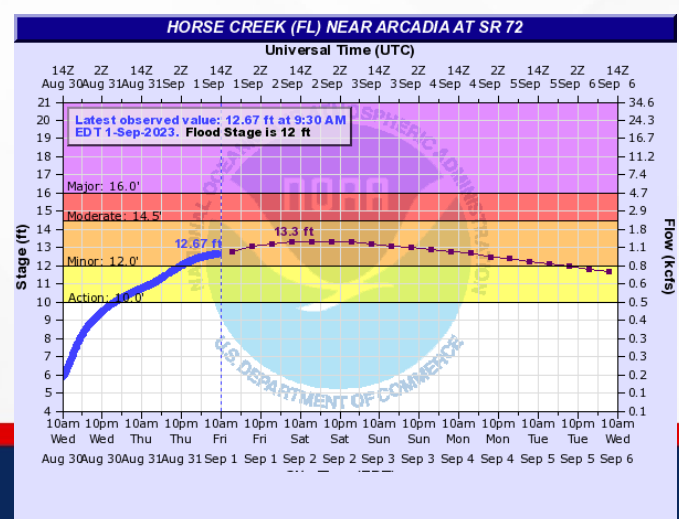
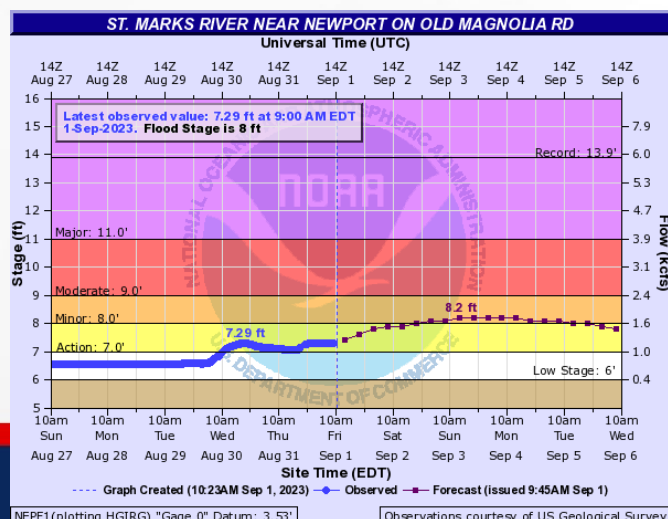


Riverine Flooding

9:00 AM EDT Friday



Heavy rainfall from Hurricane Idalia has resulted in a riverine response along several Florida Gulf Coast waterway. **Minor flooding** is forecast, and **River Flood Warnings** remain in effect for the St. Marks River near Newport, Aucilla River near Lamont, Horse Creek near Arcadia, and the Hillsborough River near Zephyrhills.





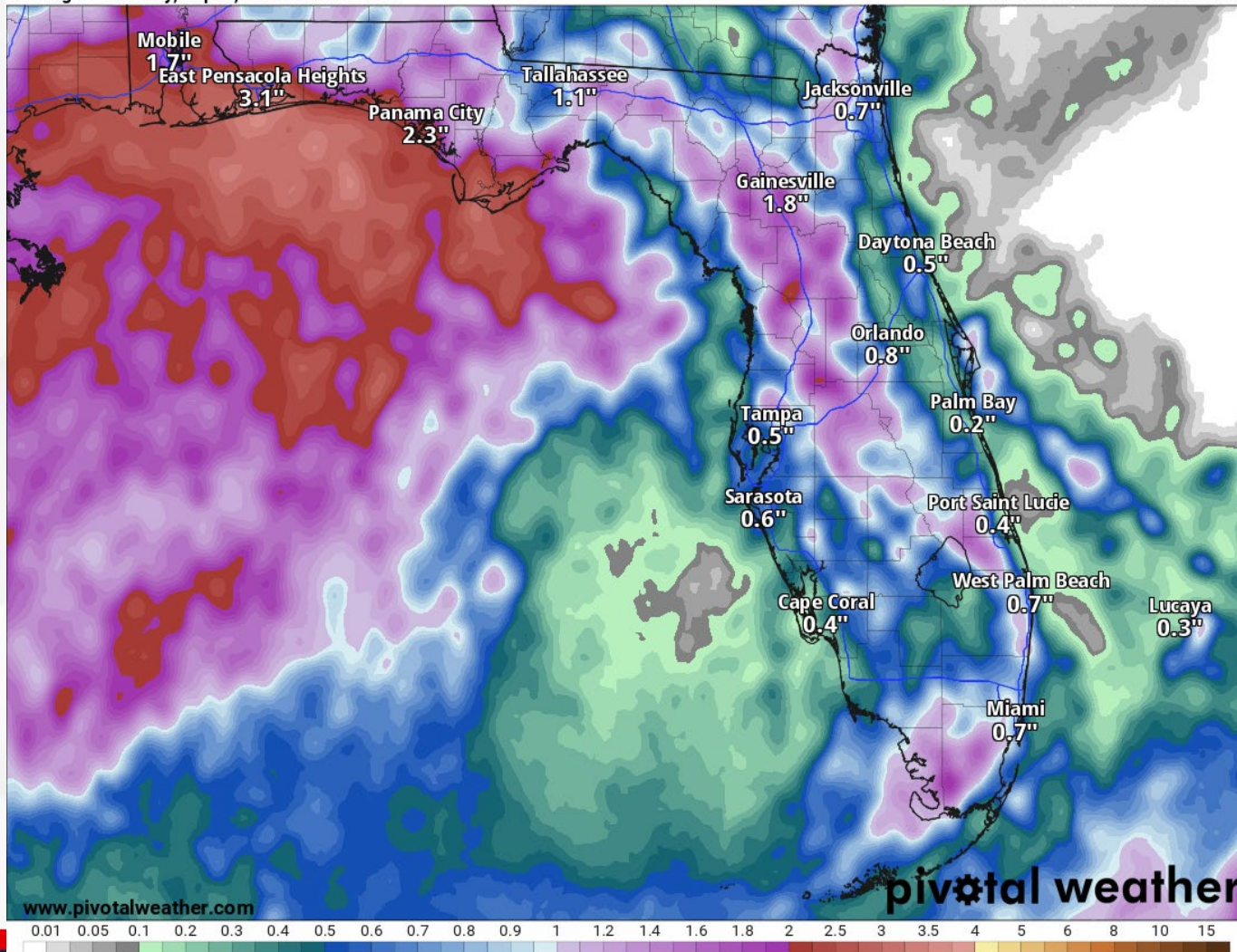
5-Day Forecast Rainfall

From the National Weather Service & Weather Prediction Center

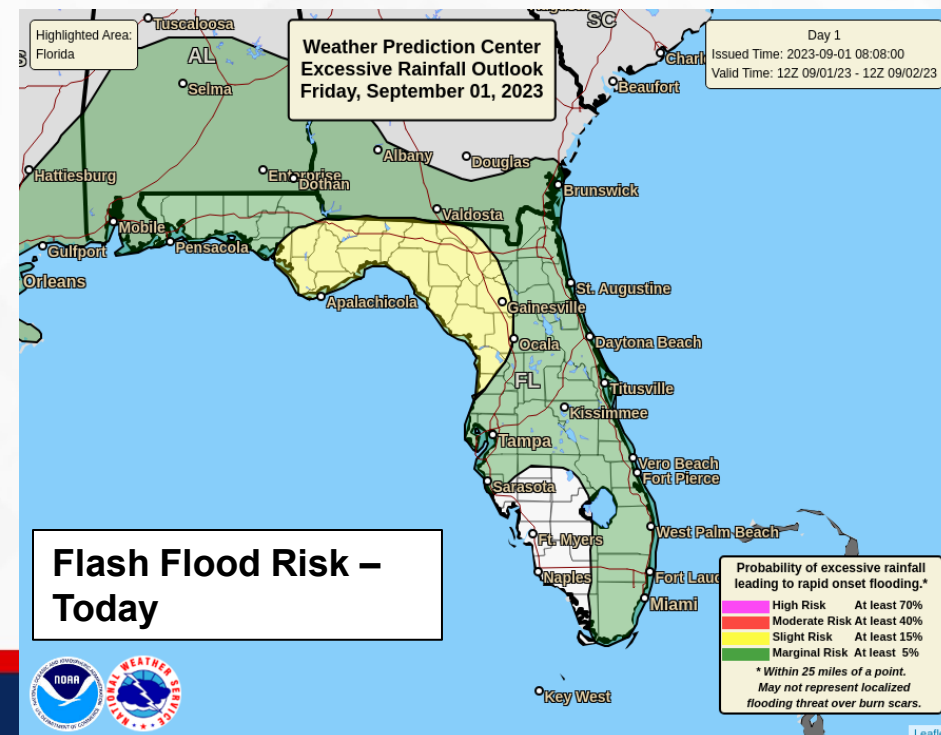
120-Hour Precipitation (in)

Ending Wednesday, Sep. 6, 2023 at 8 a.m. EDT

Init: Fri 2023-09-01 12z WPC



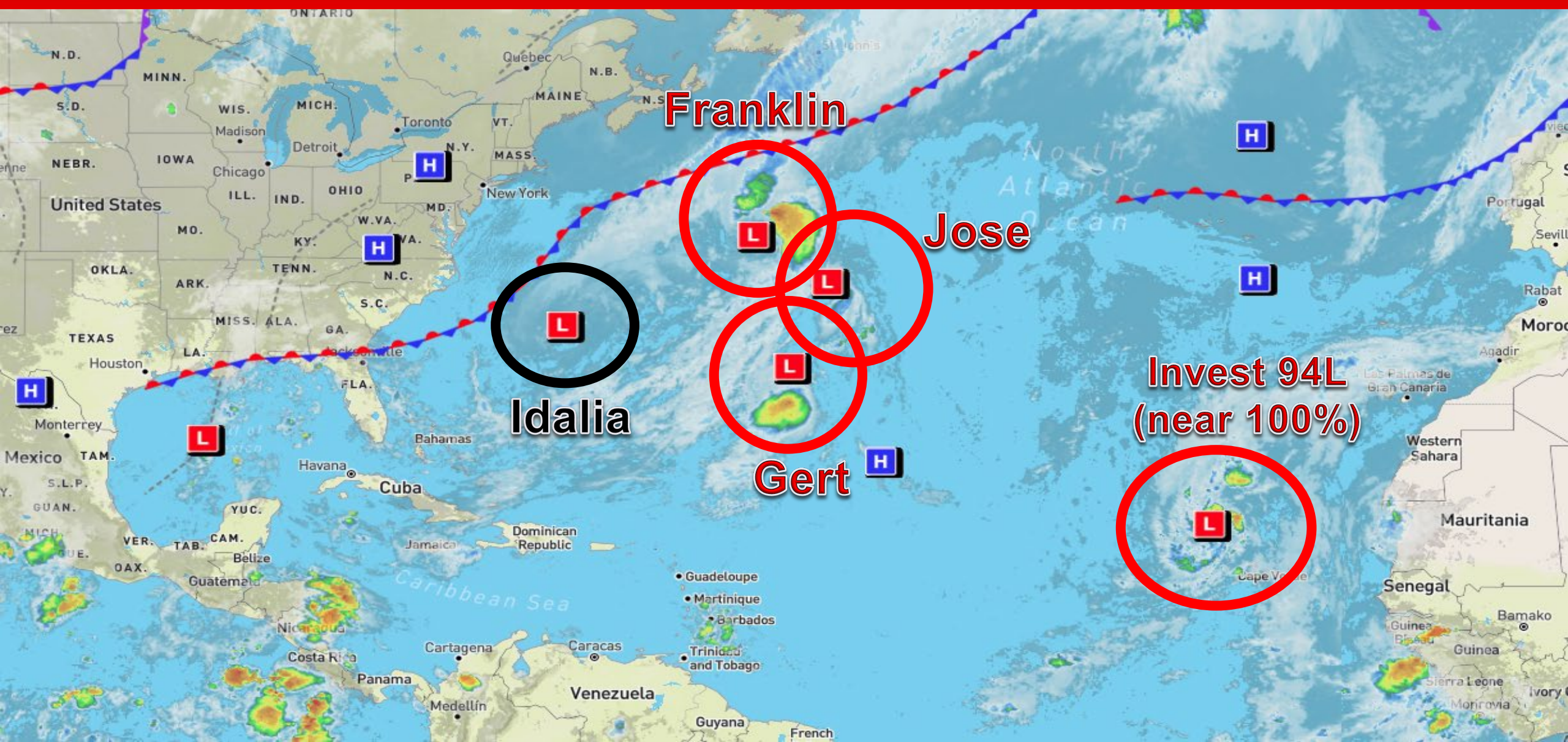
Scattered to numerous showers and thunderstorms can be expected each afternoon across Florida. Any organized shower or thunderstorm will be capable of producing heavy rainfall rates. Widespread rainfall of 1-3\" can be expected statewide, with locally higher totals of 4-6\" possible along the Florida Panhandle and isolated areas through the Florida Peninsula. Recent heavy rainfall from Hurricane Idalia may lead to a quicker onset of **ponding of water and flooding** for some eastern Panhandle, Suwannee River Valley, and West Coast locations.





Atlantic Basin Satellite Image

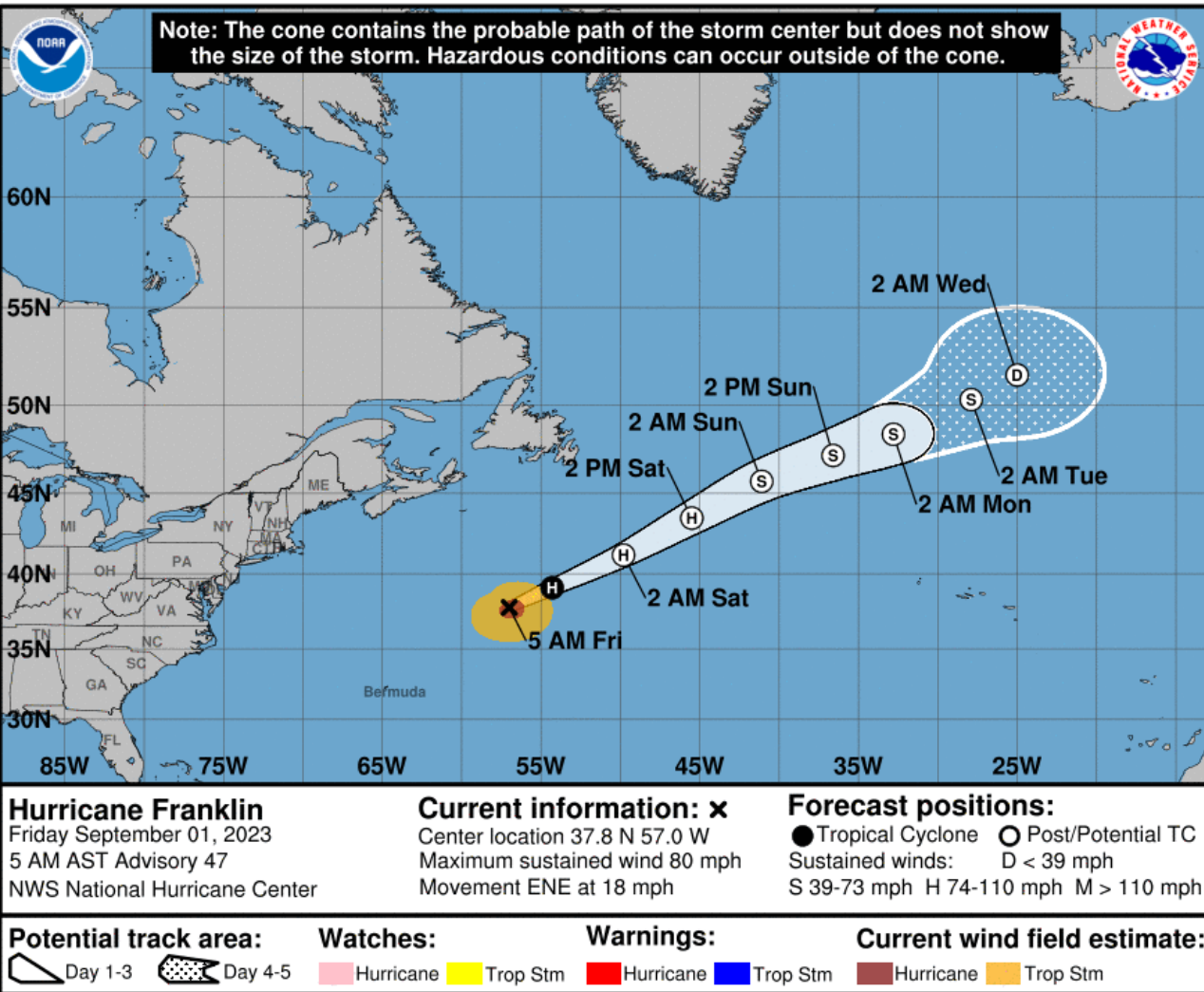
Chance of development: None Low Medium High





Forecast Cone

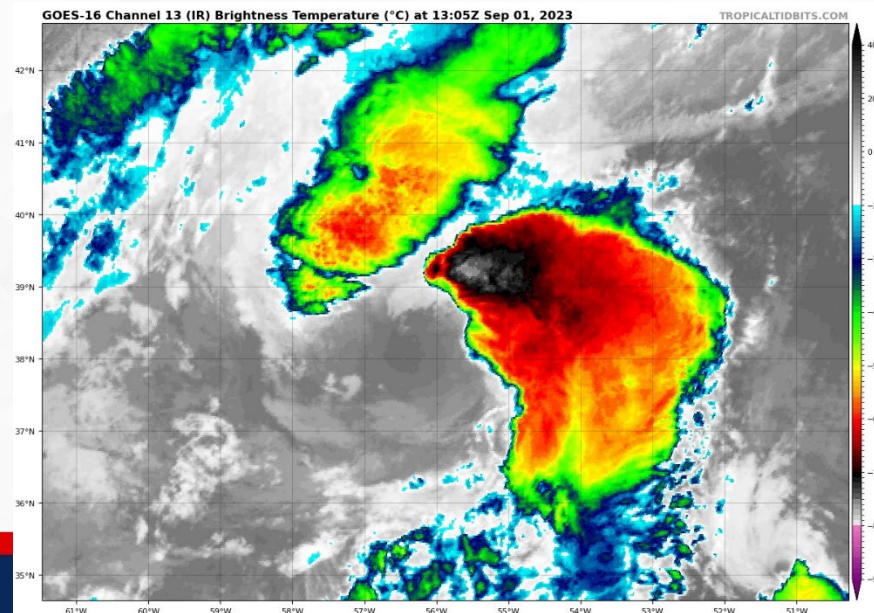
Hurricane Franklin ([LINK](#))



- **Location:** 580 miles NE of Bermuda
- **Maximum Sustained Winds:** 80 mph; Category 1
- **Current Movement:** ENE at 18 mph
- **FL Watches/Warnings:** None

A northeastward motion at an accelerated pace is expected over the next few days. Further slight weakening is expected during the next couple of days, followed by faster rate of weakening by early next week. Franklin is expected to become an extra tropical cyclone tonight.

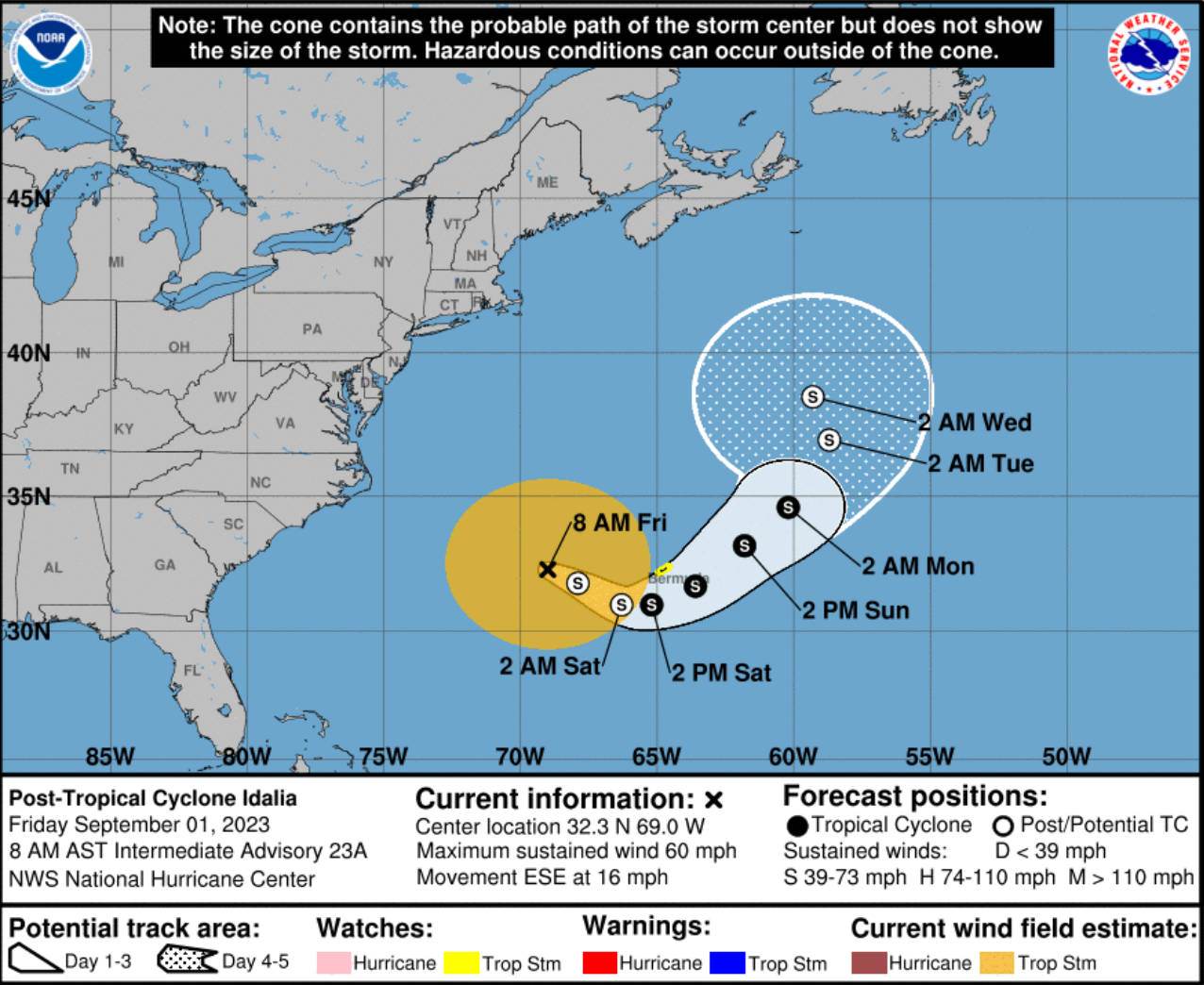
Franklin poses no direct threat to Florida.





Forecast Cone

Post-Tropical Cyclone Idalia ([LINK](#))



- **Location:** 250 miles W of Bermuda
- **Maximum Sustained Winds:** 60 mph
- **Current Movement:** ESE at 16 mph

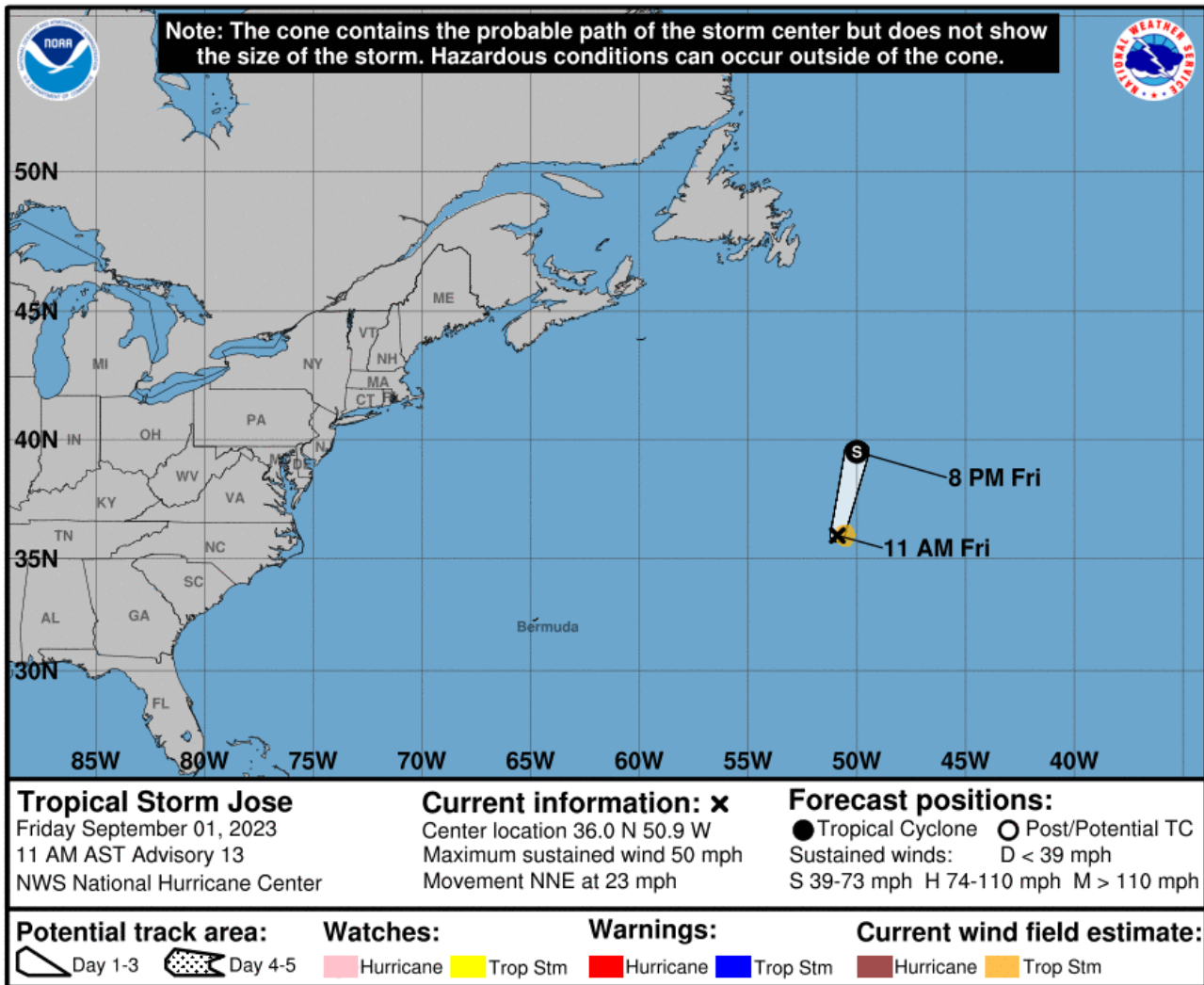
An east-southeastward to eastward motion at a much slower forward speed is expected during the next 24 hours. An east-northeastward motion is expected to begin over the weekend. On the forecast track, Idalia will approach Bermuda over the weekend. Gradual weakening is forecast through early Saturday; however, restrengthening is possible over the weekend, and Idalia is expected to transition back to a tropical storm on Saturday.

Idalia poses no direct threat to Florida; however, an elevated risk of rip currents can be expected to persist through the day along the Northeast Florida Coast.



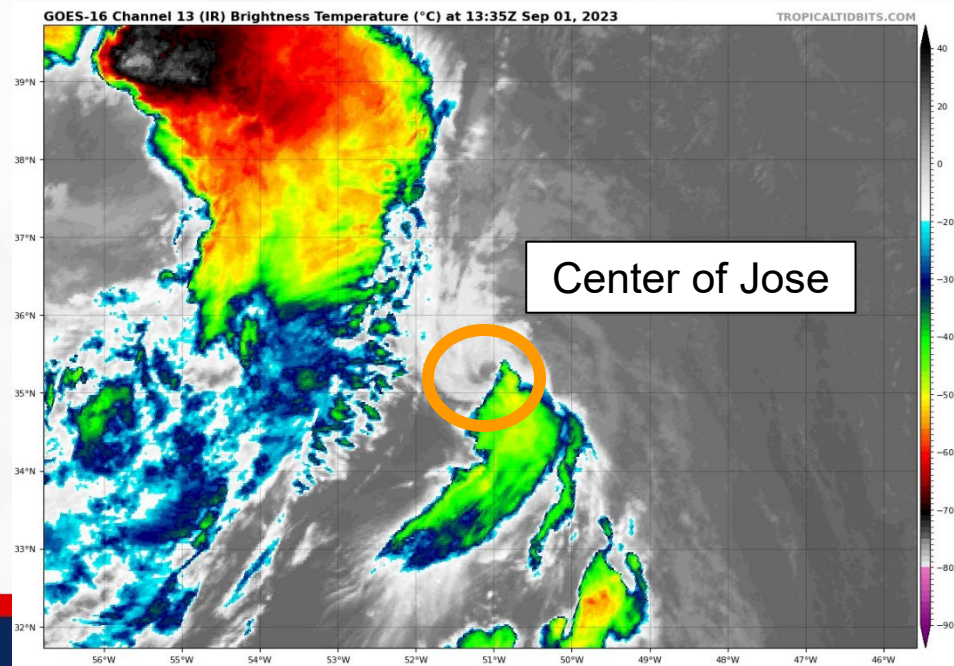
Forecast Cone

Tropical Storm Jose ([LINK](#))



- **Location:** 750 miles ENE of Bermuda
- **Maximum Sustained Winds:** 60 mph
- **Current Movement:** N at 18 mph
- **FL Watches/Warnings:** None

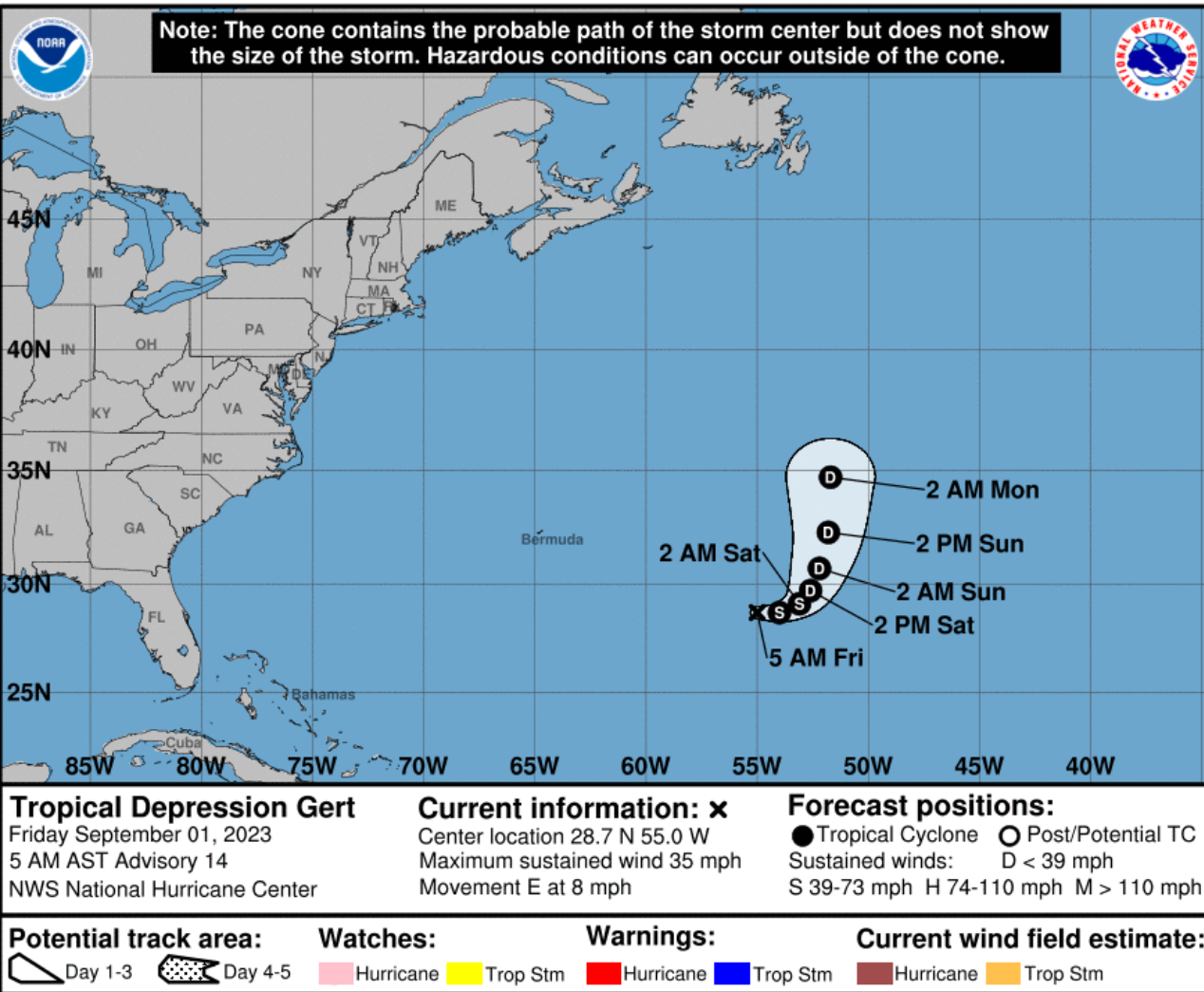
An accelerated northward motion is expected today. Weakening is forecast, and Jose is expected to become absorbed by Franklin tonight or early Saturday. *Jose poses no threat to Florida.*





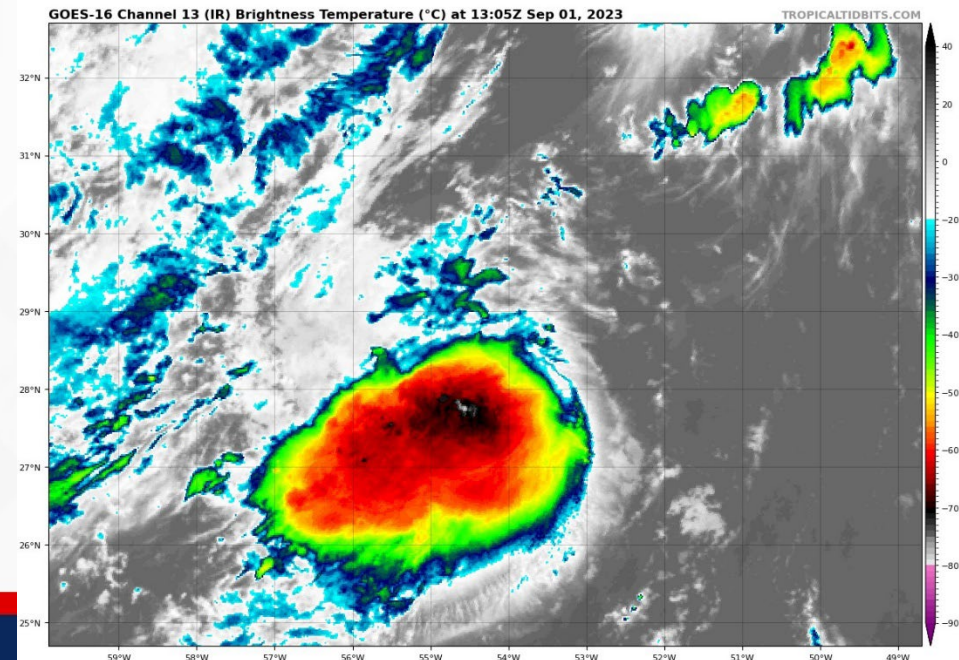
Forecast Cone

Tropical Depression Gert ([LINK](#))



- **Location:** 635 miles ESE of Bermuda
- **Maximum Sustained Winds:** 35 mph
- **Current Movement:** E at 8 mph
- **FL Watches/Warnings:** None

A turn toward the northeast is expected on Saturday and that motion should continue through late in the weekend. Some slight strengthening is possible today, and Gert could become a tropical storm once again. Gradual weakening is forecast to begin over the weekend. *Gert poses no threat to Florida.*





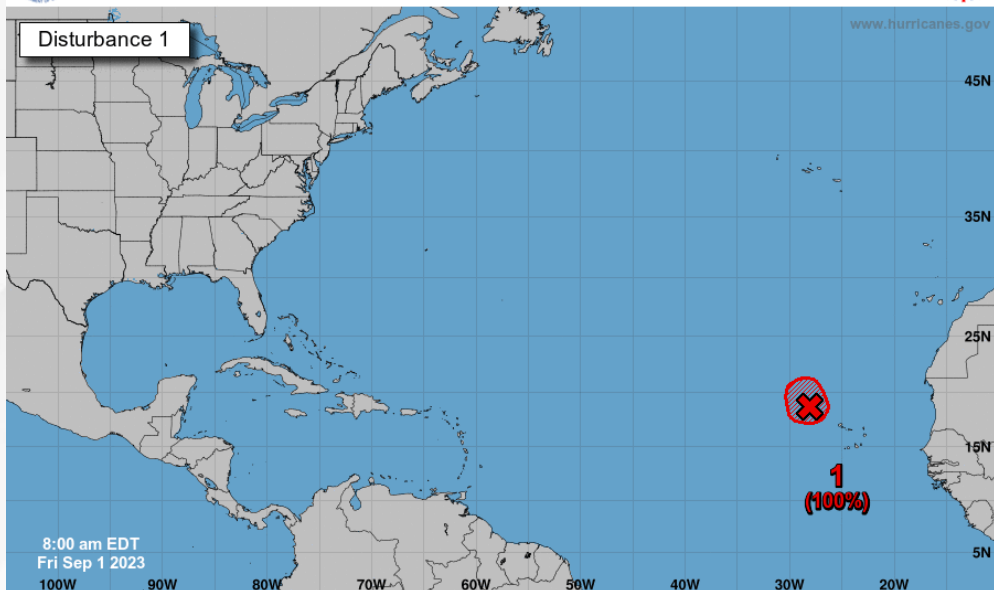
Tropical Weather Outlook

Disturbance 1 – Invest 94L ([LINK](#))



Seven-Day Graphical Tropical Weather Outlook

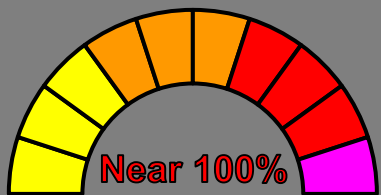
National Hurricane Center Miami, Florida



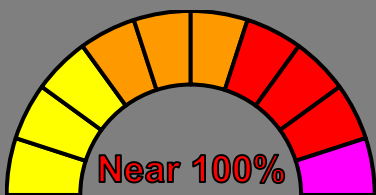
Recent satellite images indicate the circulation of a low pressure system located west-northwest of the Cabo Verde Islands has become better defined since yesterday. In addition, the associated shower and thunderstorm activity continues to show signs of organization. Based on these trends, advisories are likely to be initiated on a tropical depression or tropical storm later this morning. The system is moving northwestward at 10-15 mph across the eastern tropical Atlantic.

This system poses no threat to Florida.

- * Formation chance through 48 hours...**high...near 100%.**
- * Formation chance through 7 days...**high...near 100%.**



48 Hour Formation



7 Day Formation



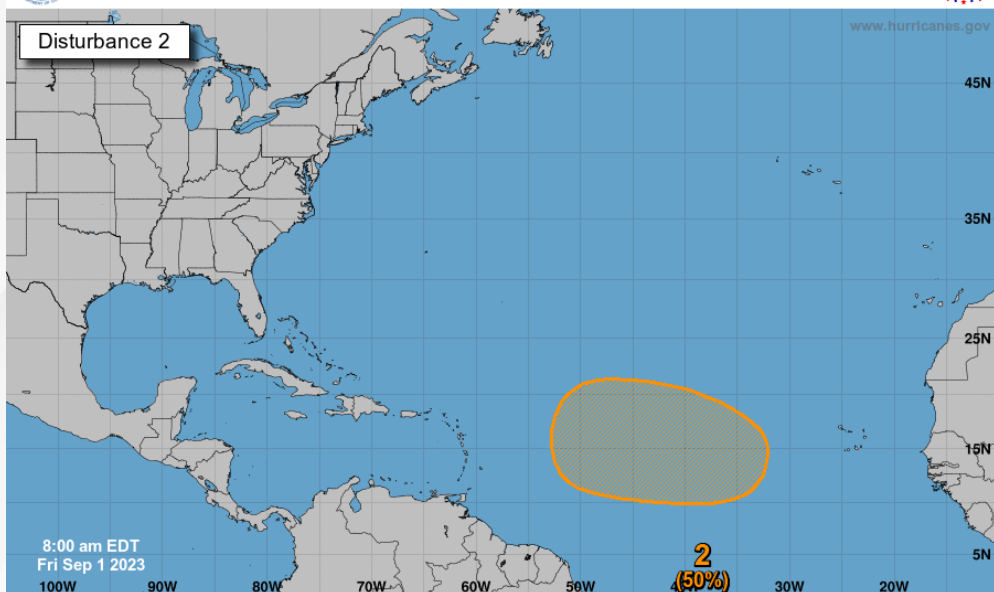
Tropical Weather Outlook

Disturbance 2 – Eastern and Central Tropical Atlantic ([LINK](#))



Seven-Day Graphical Tropical Weather Outlook

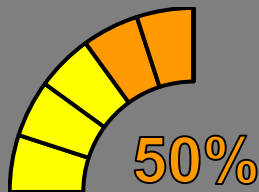
National Hurricane Center Miami, Florida



Current Disturbances and Seven-Day Cyclone Formation Chance: ✕ < 40% ✕ 40-60% ✕ > 60%
Tropical or Sub-Tropical Cyclone: ○ Depression ○ Storm ○ Hurricane
○ Post-Tropical Cyclone or Remnants

Near 0%

48 Hour Formation



50%

7 Day Formation

A tropical wave is expected to move off the west coast of Africa this weekend. Environmental conditions appear conducive for some gradual development of this system during the early and middle parts of next week, and a tropical depression could form while it moves westward to west-northwestward over the eastern and central portions of the tropical Atlantic.

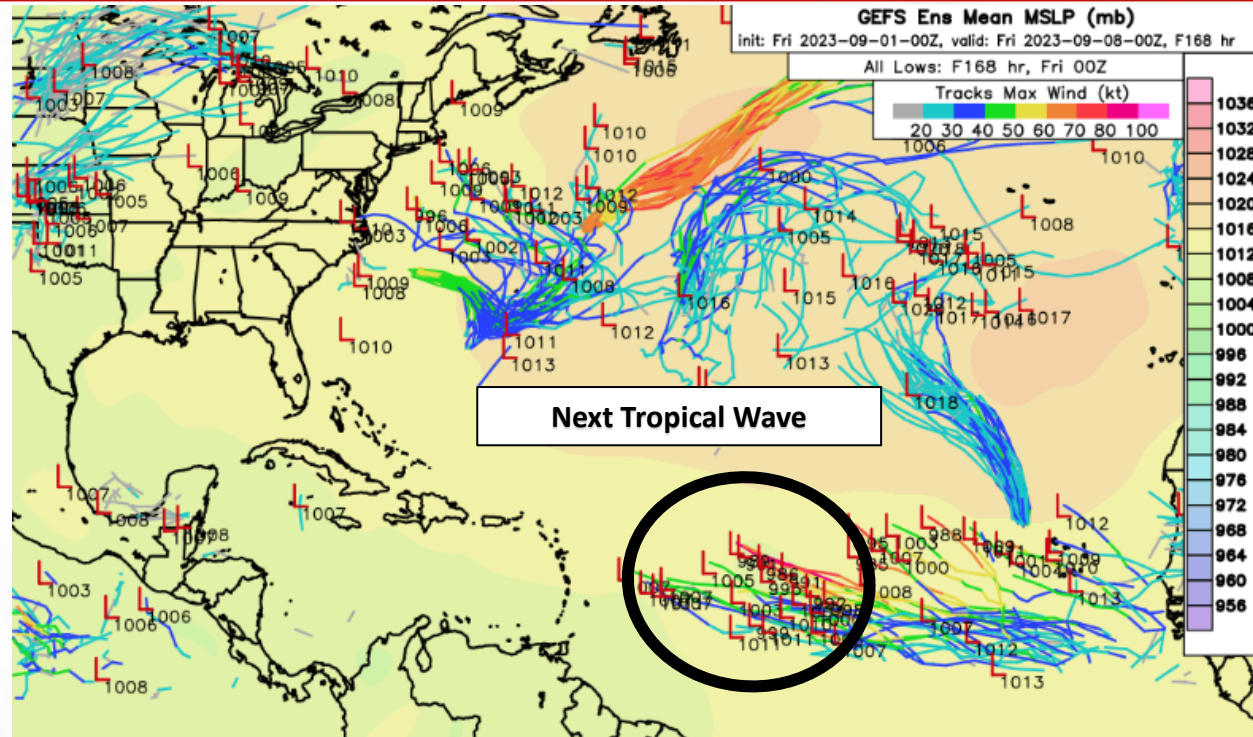
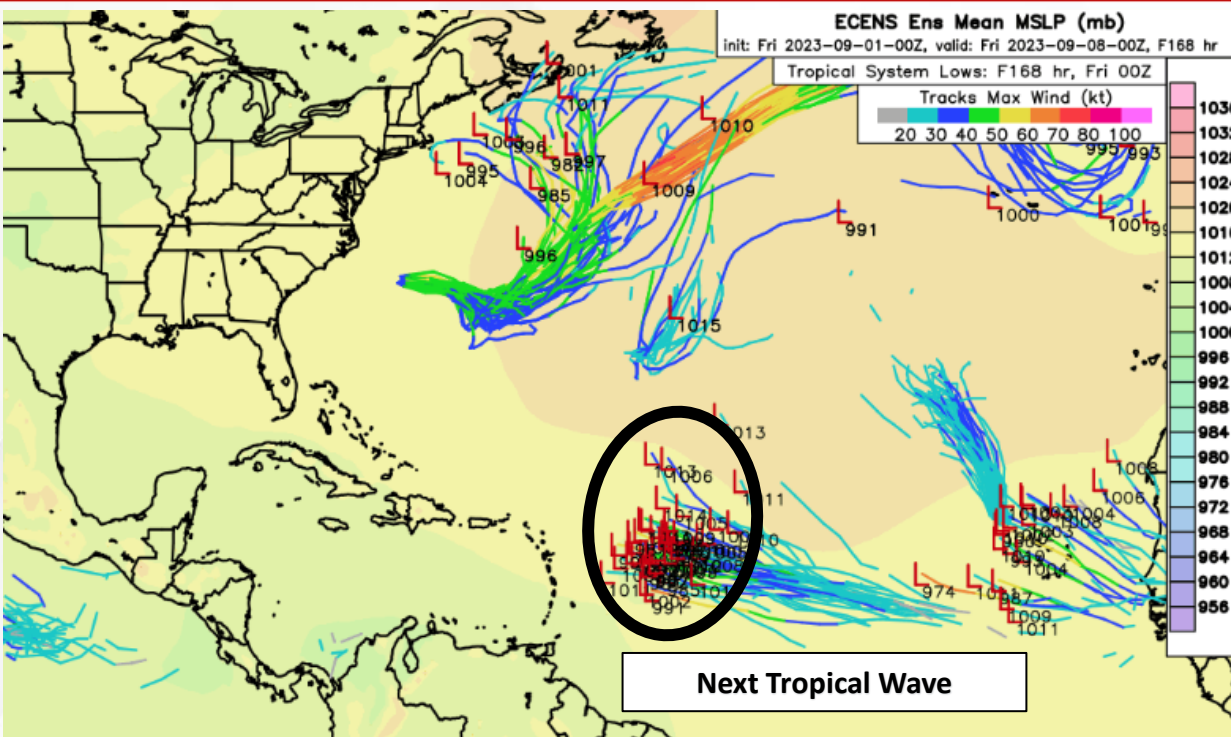
This system poses no threat to Florida over the next 10 days, at least.

- * Formation chance through 48 hours...**low...near 0%.**
- * Formation chance through 7 days...**medium...50%.**



Model Forecasts – Next 7 Days

Atlantic Basin



Computer models have been hinting at the next tropical wave to emerge off the west coast of Africa this weekend, and advancing westward to west-northwestward over the tropical Atlantic early and middle of next week. Environmental and atmospheric conditions appear conducive to support organization of this system; however, there remains disagreement within the computer model guidance regarding the overall evolution of this tropical wave including exact position and timing of the developing area of low pressure. Trends in the computer models will continue to be monitored through the weekend, once the tropical wave feature moves off the African Coast.



Summary

Hurricane Franklin:

- As of 5:00 AM EDT, Franklin is located 580 miles northeast of Bermuda and is moving east-northeastward at 18 mph.
- A northeastward motion at an accelerated pace is expected over the next few days.
- Maximum sustained winds are near 80 mph. Further slight weakening is expected during the next couple of days, followed by faster rate of weakening by early next week. Franklin is expected to become an extra tropical cyclone tonight.
- *Franklin poses no direct threat to Florida.*

Post-Tropical Cyclone Idalia:

- As of 5:00 AM EDT, Post-Tropical Cyclone Idalia is located about 250 miles west of Bermuda, and is moving east-southeastward at 16 mph.
- An east-southeastward to eastward motion at a much slower forward speed is expected during the next 24 hours. An east-northeastward motion is expected to begin over the weekend. On the forecast track, Idalia will approach Bermuda over the weekend.
- Maximum sustained winds are now near 60 mph. Gradual weakening is forecast through early Saturday; however, restrengthening is possible over the weekend, and Idalia is expected to transition back to a tropical storm on Saturday.
- *Idalia poses no direct threat to Florida; however, long-period ocean swells and an elevated risk for rip currents can be anticipated along Florida Northeast Coast beaches.*

Tropical Storm Jose:

- As of 5:00 AM EDT, Tropical Storm Jose is located about 750 miles east-northeast of Bermuda, and is moving toward the north at 18 mph.
- An accelerated northward motion is expected today. Weakening is forecast, and Jose is expected to become absorbed by Franklin tonight or early Saturday. *Jose poses no threat to Florida.*

Tropical Depression Gert:

- As of 5:00 AM EDT, Tropical Depression Gert is located about 635 miles east-southeast of Bermuda, and is moving eastward at 8 mph.
- A turn toward the northeast is expected on Saturday and that motion should continue through late in the weekend.
- Some slight strengthening is possible today, and Gert could become a tropical storm once again. Gradual weakening is forecast to begin over the weekend. *Gert poses no threat to Florida.*

Invest 94L:

- Recent satellite images indicate the circulation of a low pressure system located west-northwest of the Cabo Verde Islands has become better defined since yesterday. In addition, the associated shower and thunderstorm activity continues to show signs of organization. Based on these trends, advisories are likely to be initiated on a tropical depression or tropical storm later this morning.
- The system is moving northwestward at 10-15 mph across the eastern tropical Atlantic.
- There is a high (near 100%) chance of development over the next 48 hours and 7 days. *This system poses no threat to Florida.*

East and Central Tropical Atlantic Wave:

- A tropical wave is expected to move off the west coast of Africa this weekend. Environmental conditions appear conducive for some gradual development of this system during the early and middle parts of next week, and a tropical depression could form while it moves westward to west-northwestward over the eastern and central portions of the tropical Atlantic.
- There is a 50% (medium) chance of development over the next 7 days. *This system poses no threat to Florida over the next 10 days, at least.*

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



Summary

Florida Outlook:

- Scattered showers continue to push inland from the Gulf of Mexico across the Panhandle and Big Bend due to a lingering frontal boundary draped over the northern Gulf of Mexico.
- These showers and thunderstorms will continue throughout the morning before becoming increasing scattered to numerous across the Panhandle, Big Bend and I-75 corridor throughout the afternoon and evening hours (70-95% chance of rain).
- Additional showers and thunderstorms can be expected to develop across the Peninsula this afternoon and evening with the help of the frontal boundary beginning to sink further south throughout the day (55-80% chance of rain).
- The sea breeze pushing inland throughout the day may help to create additional showers and thunderstorms.
- While there is no organized risk for severe weather, an isolated strong to severe thunderstorm cannot be ruled out during the peak heating hours of the day. Any strong thunderstorm activity will be capable of producing frequent lightning, damaging wind gusts (40-50 mph), and heavy downpours.
- High temperatures in the middle to upper 80s can be expected by this afternoon. Across the Peninsula, temperatures in the low 90s and approaching the middle 90s can be expected this afternoon, with rain chances this afternoon helping to cool conditions later in the day.
- Heat index values in the upper 90s and triple digits (100-108-degrees) can be expected statewide by the early to middle afternoon. Heat Advisories will continue across South Florida as heat index values upwards of 110-degrees can be expected this afternoon. Remember to drink plenty of water, take breaks from the outdoors, and wear light clothing when outdoors.
- The next name on the list is Katia.

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



Tropical Update



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State Meteorological Support Unit

Florida Division of Emergency Management

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