



Tropical Update



11:30 AM EDT

Thursday, September 7, 2023

Idalia Recovery Weather

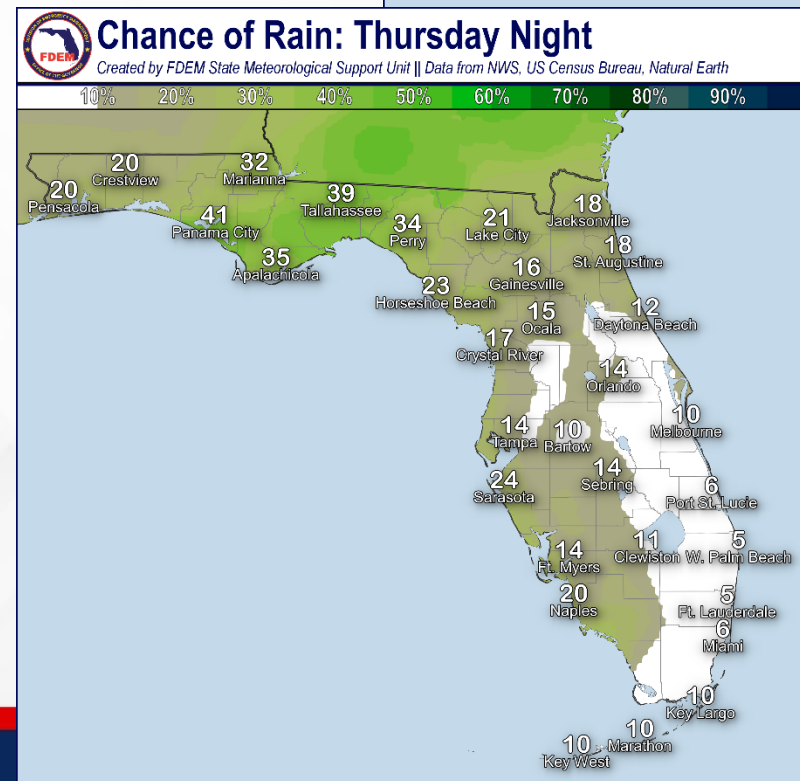
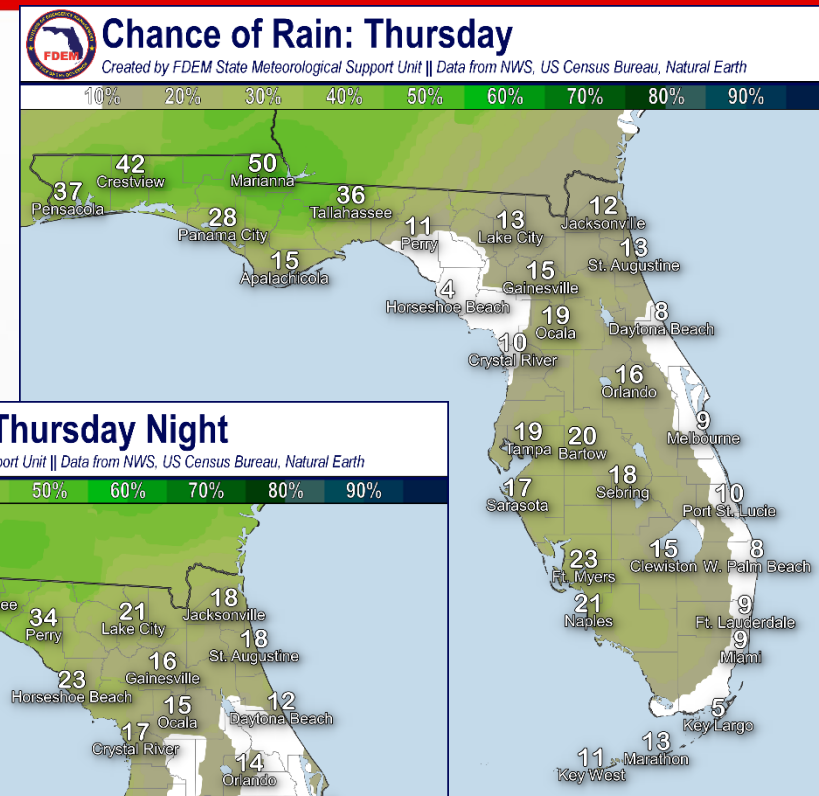
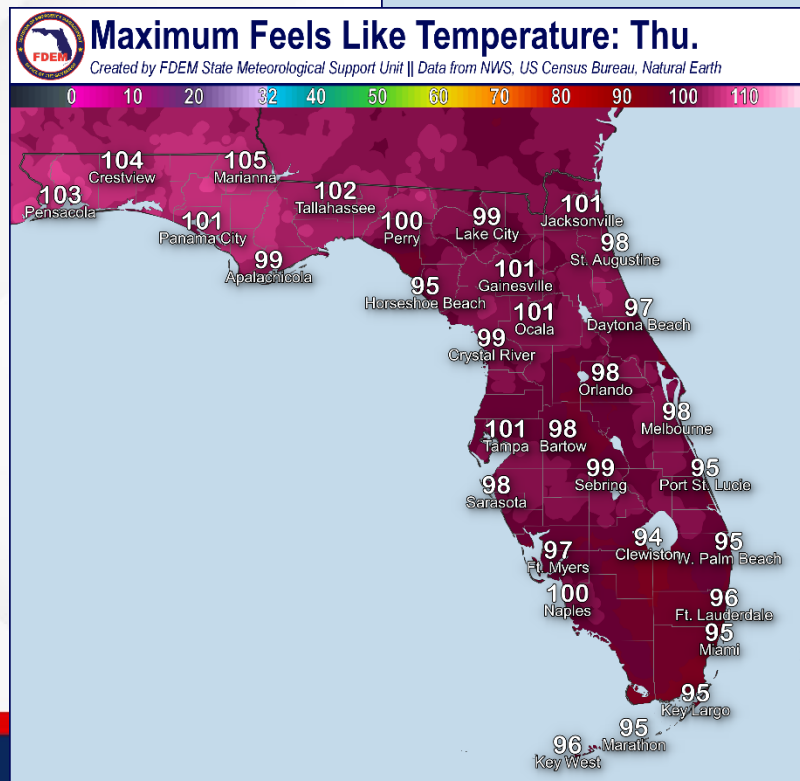
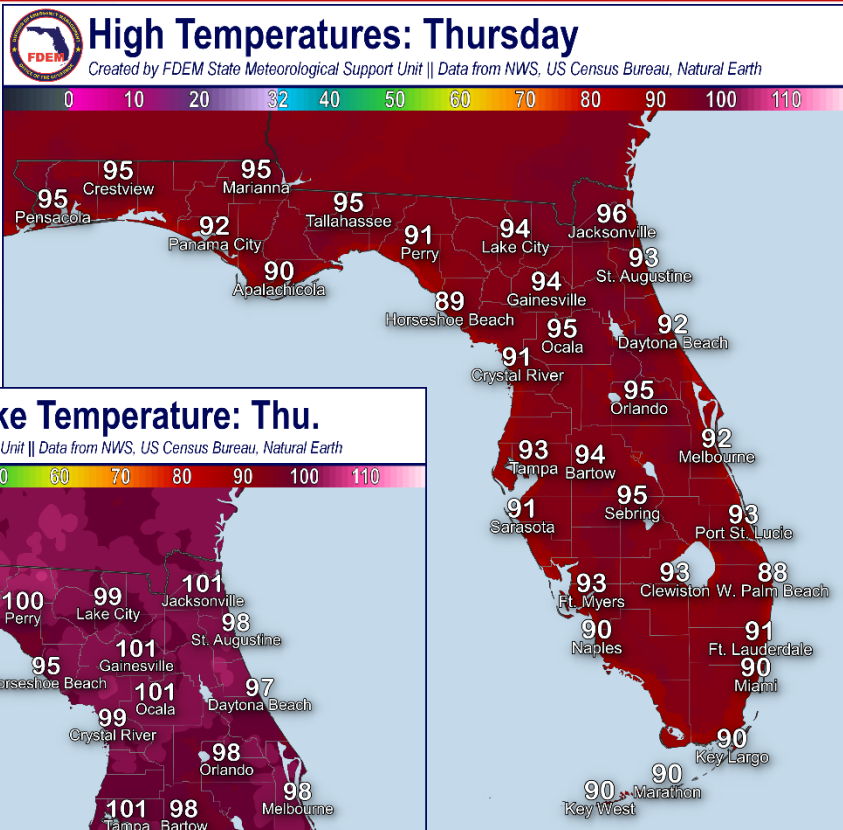
**Hurricane Lee, Tropical Depression Fourteen, &
Former Franklin (10%)**

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

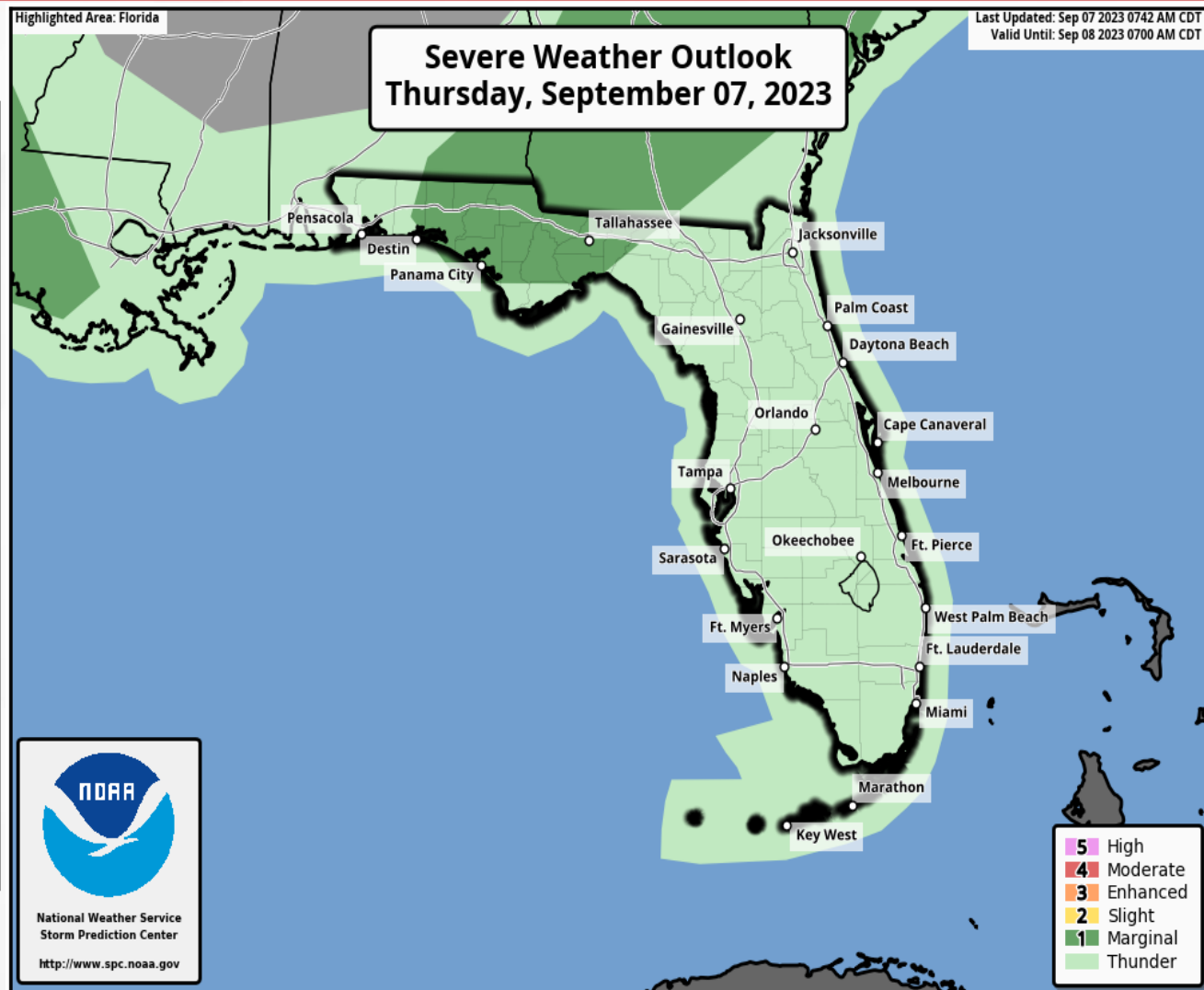
Thursday





Severe Weather Outlook – Today

From the Storm Prediction Center



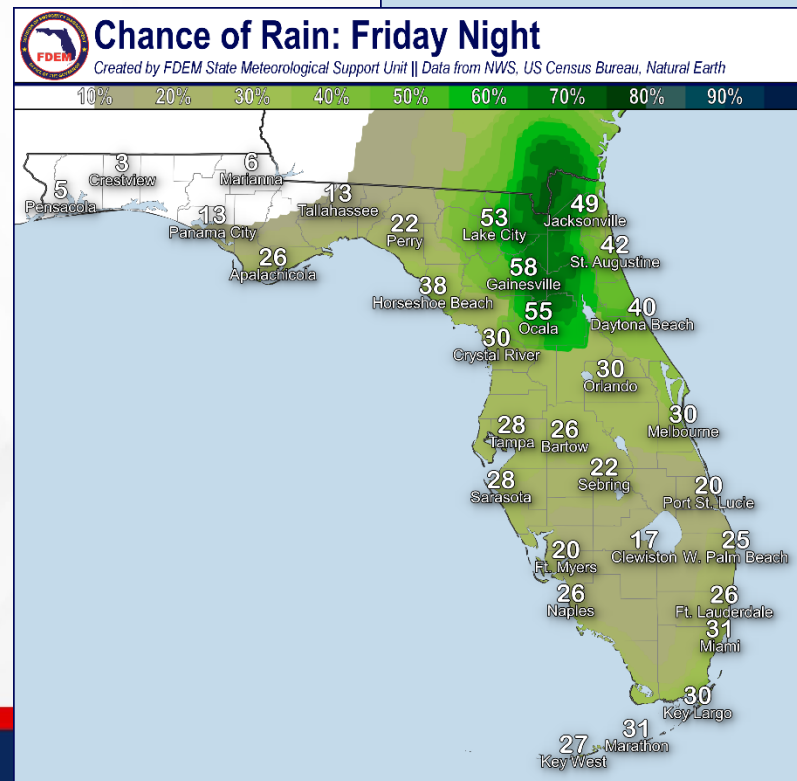
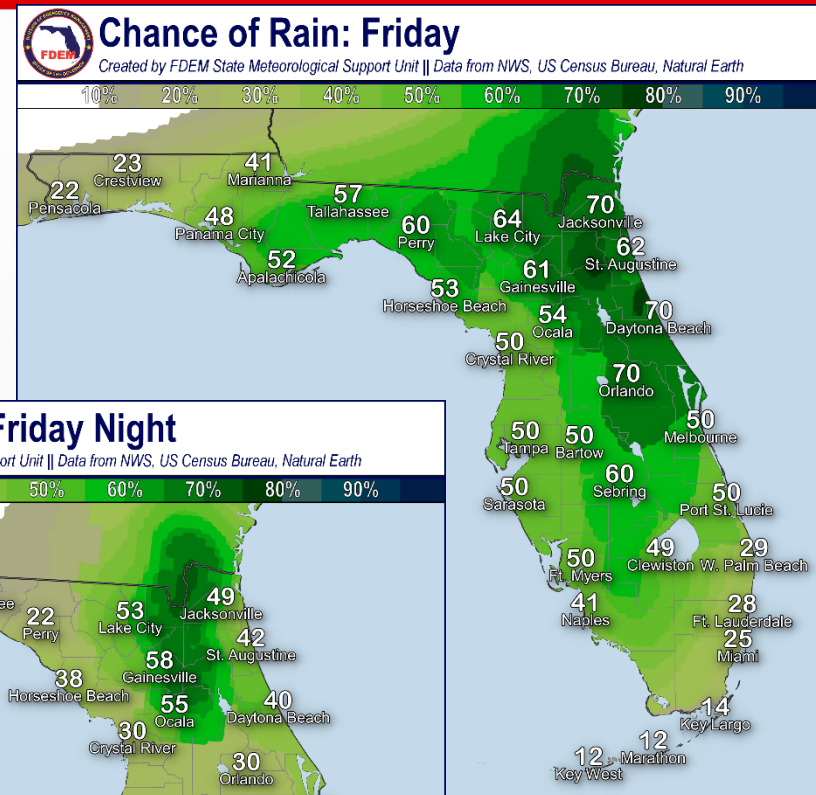
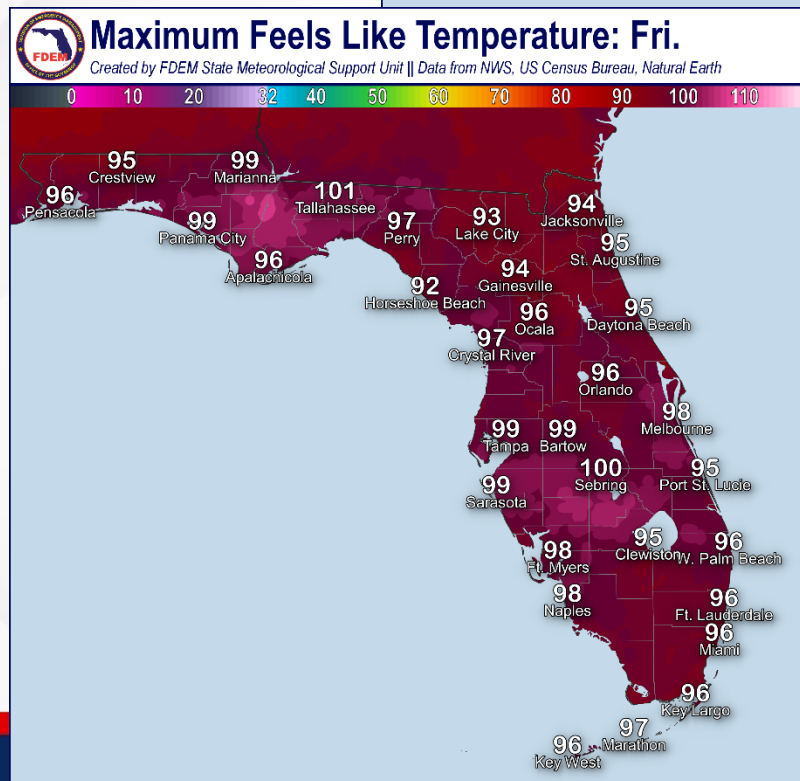
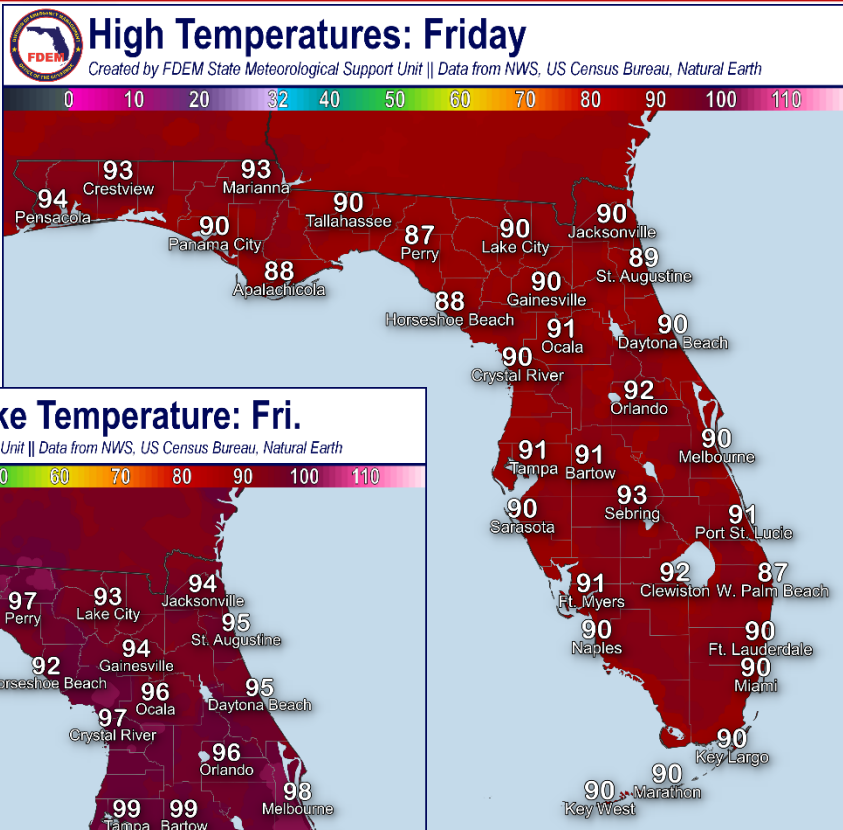
There is a **Marginal Risk for Severe Weather (level 1 of 5)** outlooked over portions of the Florida Panhandle, courtesy of an approaching frontal boundary. The stronger, more organized thunderstorm activity may be capable of producing locally gusty winds (45-60 mph), frequent lightning, and heavy downpours.

Timing: *This Afternoon – Evening*
(3:00 PM EDT/2:00 PM CDT through
10:00 PM EDT/9:00 PM CDT)



Recovery Weather

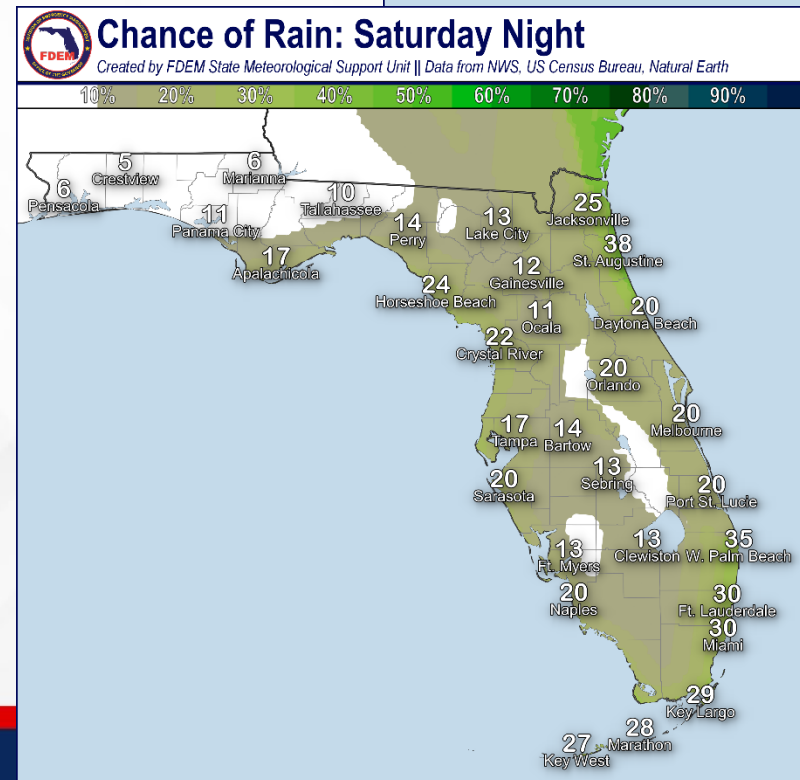
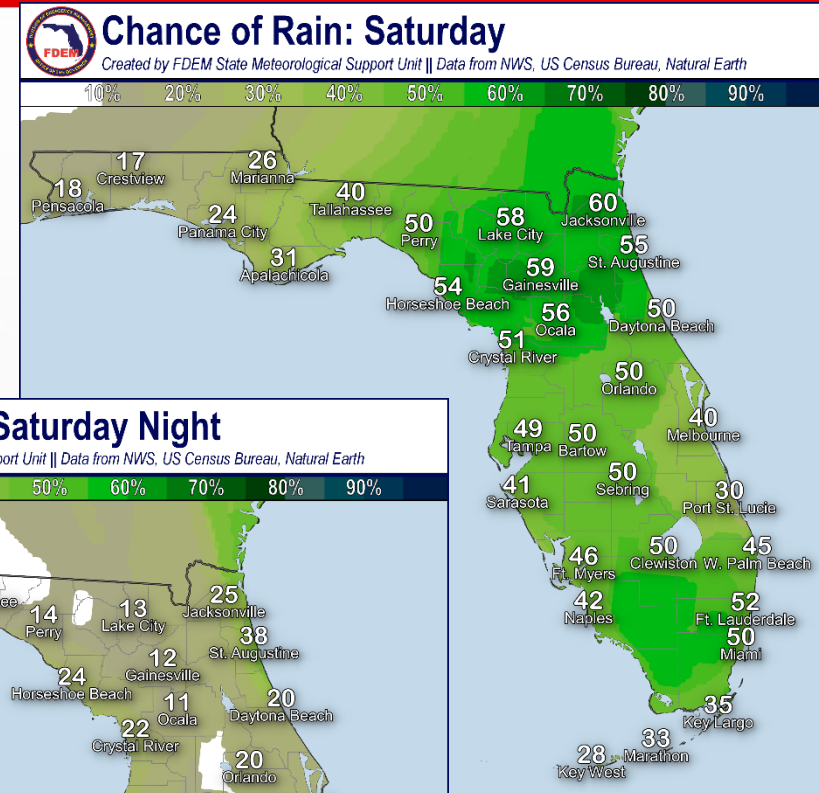
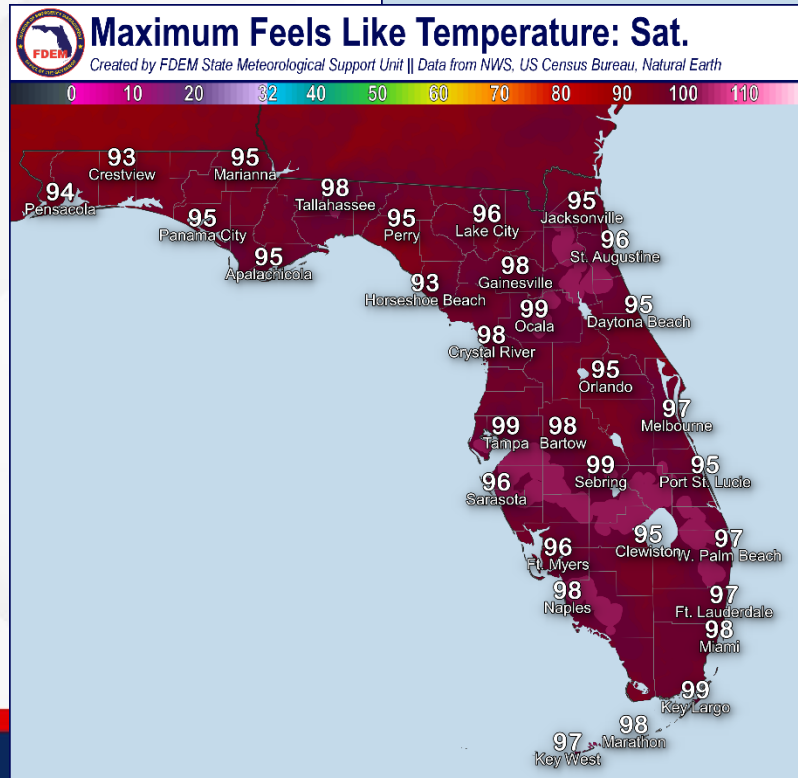
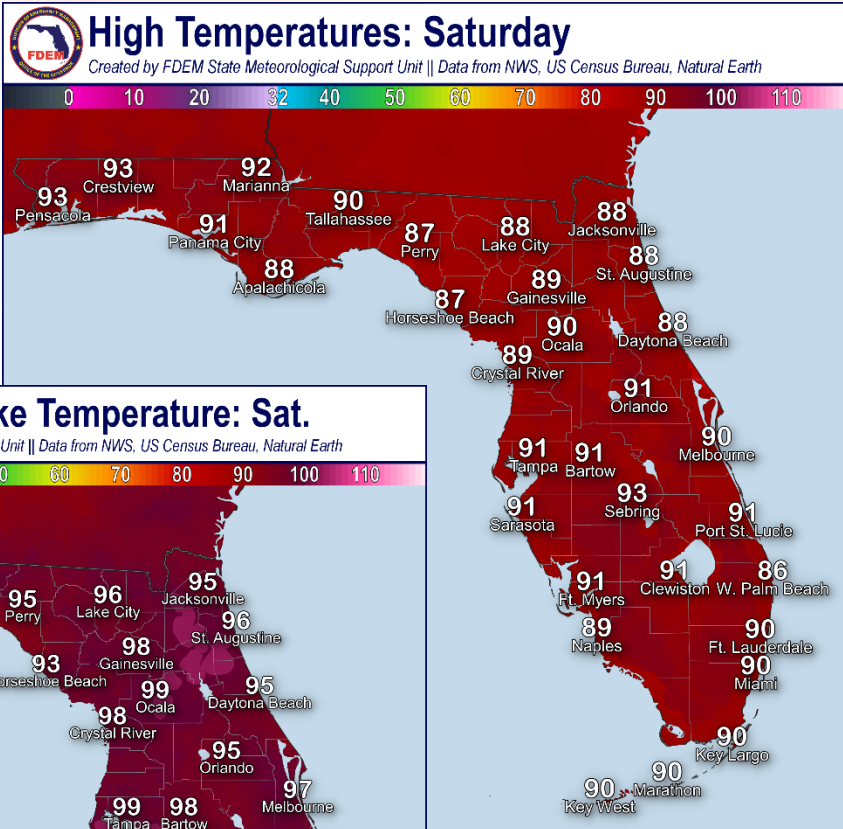
Friday

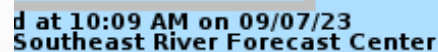




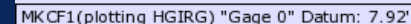
Recovery Weather

Saturday





River Flood Warnings remain in effect for the [Myakka River at Myakka](#) and the [Peace River at Arcadia](#). **Minor flooding** is ongoing and is forecast to continue through Friday. Water levels are forecast to fall below flood stage this weekend.





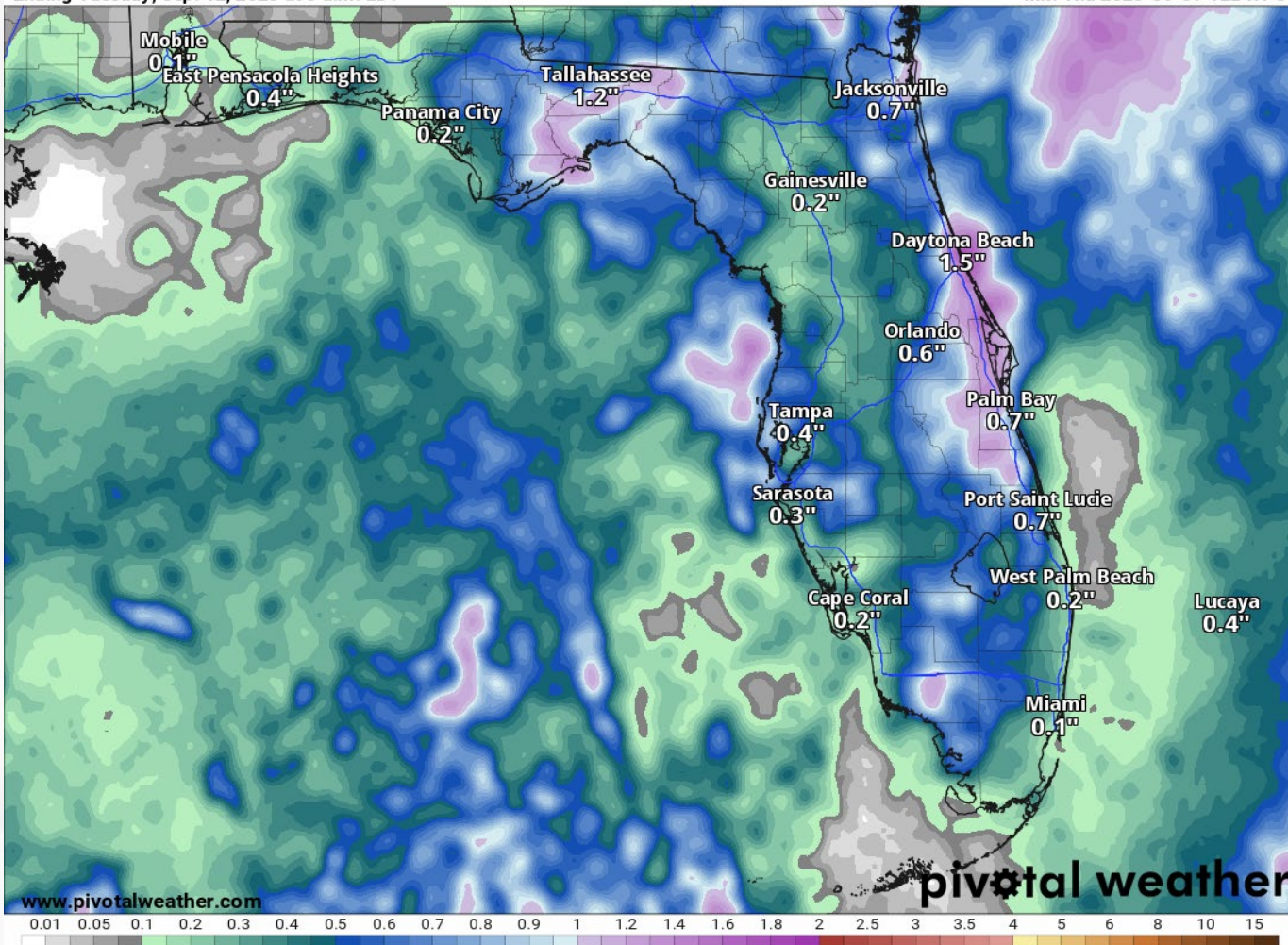
5-Day Forecast Rainfall

From the National Weather Service & Weather Prediction Center

120-Hour Precipitation (in)

Ending Tuesday, Sep. 12, 2023 at 8 a.m. EDT

Init: Thu 2023-09-07 12z WPC

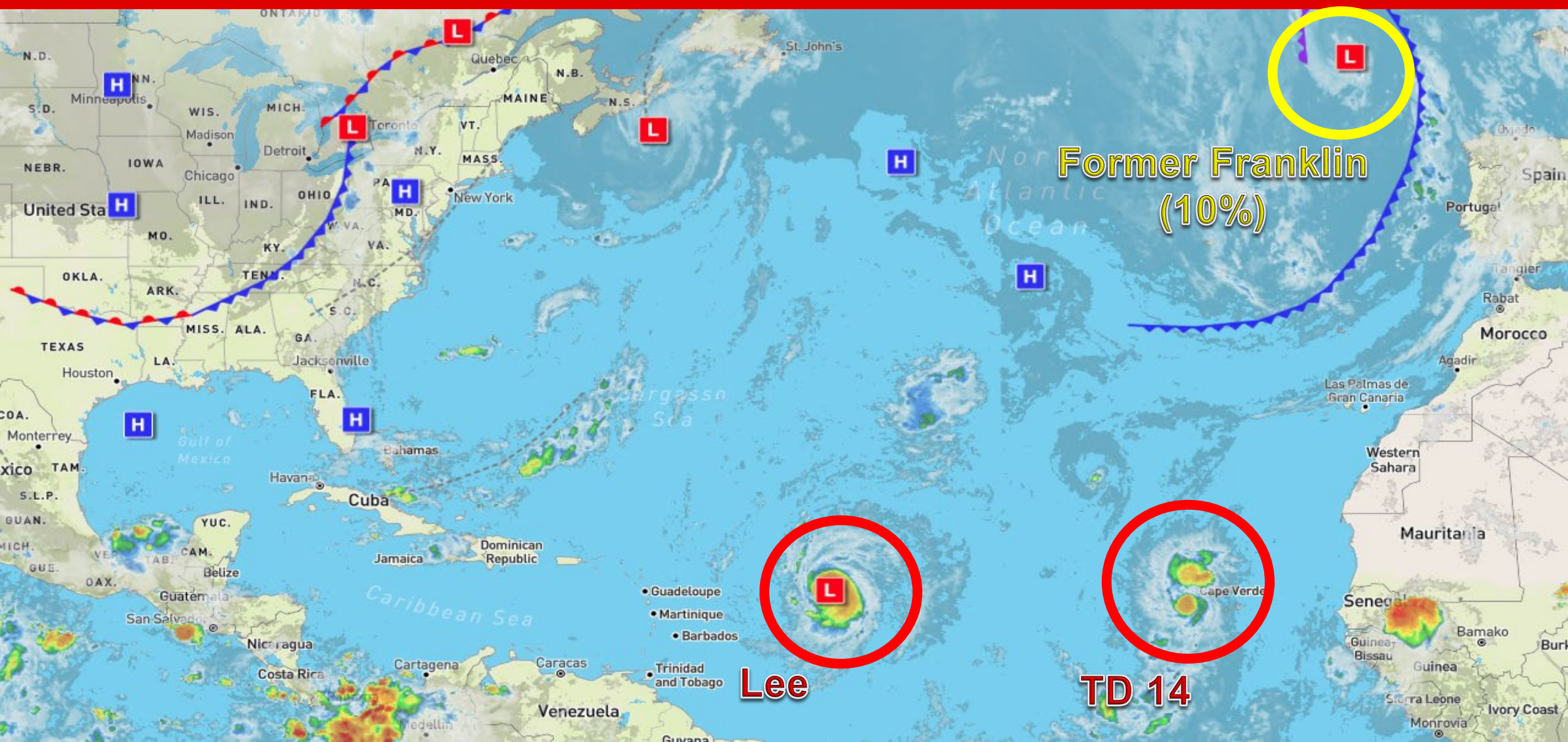


Increasing rain chances can be expected to continue through the next 5 days, courtesy of an approaching frontal boundary. There is no organized risk for flash flooding; however, locally heavy downpours cannot be ruled out within any stronger, more organized thunderstorm activity. Rainfall totals of 1-2" can be expected over portions of the North and Central Florida, with locally high amounts of 2-4" possible over the eastern Florida Panhandle and Space Coast.



Atlantic Basin Satellite Image

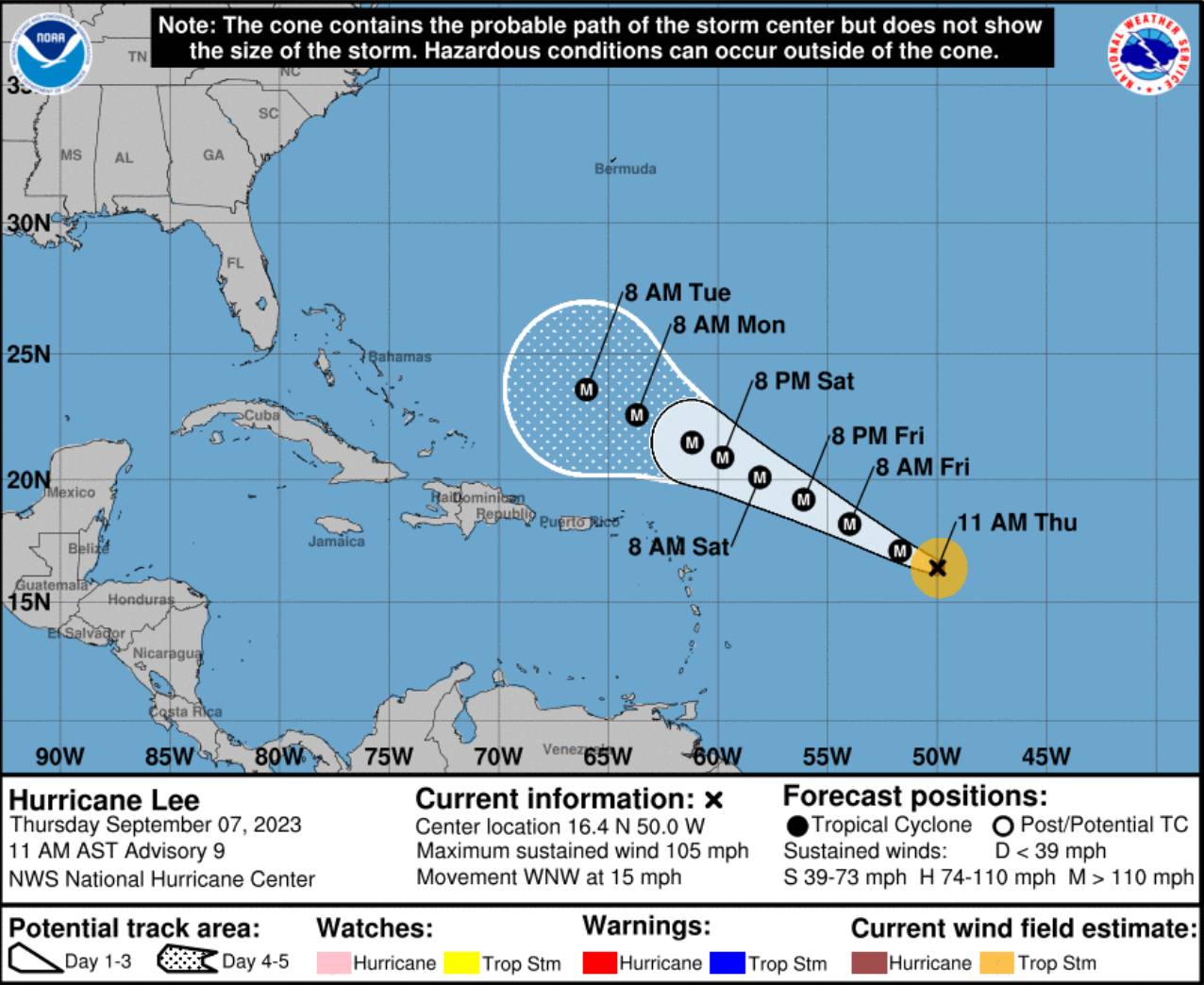
Chance of development: None Low Medium High





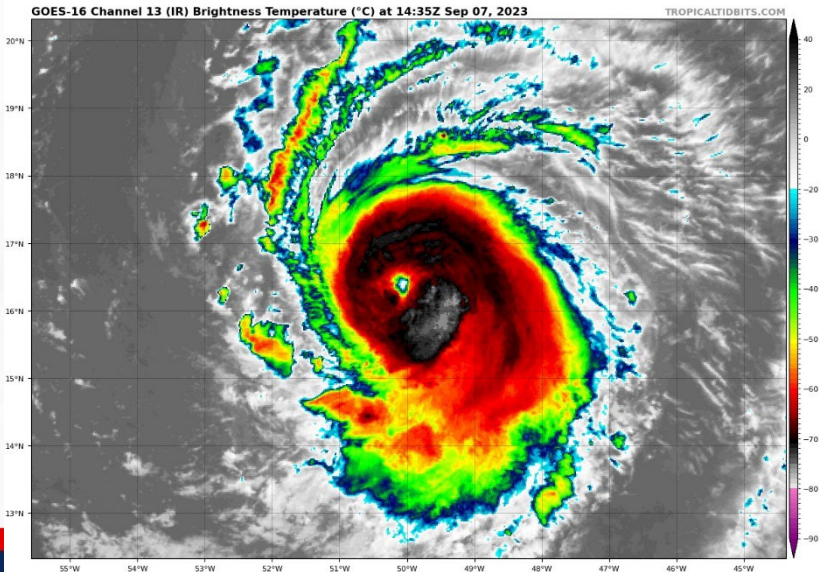
Forecast Cone

Hurricane Lee ([LINK](#))



- **Location:** 870 miles E of the Northern Leeward Islands
- **Maximum Sustained Winds:** 105 mph; Category 2
- **Current Movement:** WNW at 15 mph
- **FL Watches/Warnings:** None

A slower motion toward the west-northwest is forecast to continue begin this weekend, and the core of Lee will move north of the Leeward Islands during the next few days. Rapid intensification is expected today and tonight, and Lee will likely become a major hurricane later today. *Lee poses no direct threat to Florida over the next 7 days, but this system will continue to be monitored. Dangerous beach and boating conditions could develop along the Florida East Coast early next week.*





Initialized at 12z Sep 07 2023

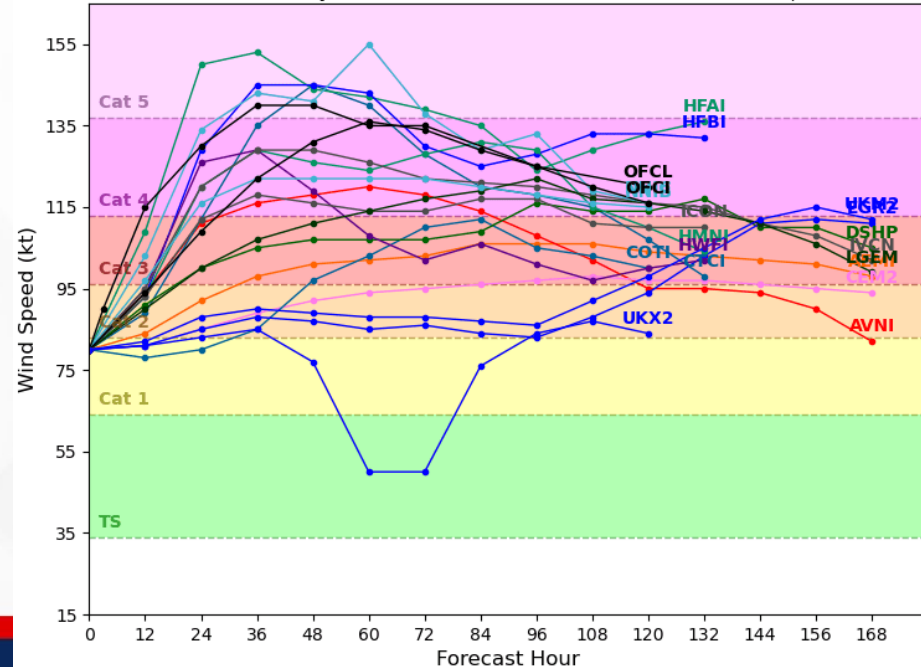
Levi Cowan - tropicaltidbits.com

Computer models remain in very good agreement on forecast track through the weekend, and Lee will continue a west-northwestward motion along the southern periphery of an area of high pressure. Uncertainty gradually increases after the day 4-5 time period. Computer model guidance is in good agreement that rapid intensification will continue today, and Lee will likely strengthen into a major hurricane later today. Computer models are in good agreement that Lee will remain a powerful hurricane through the next 5 days.

Hurricane LEE Model Intensity Guidance

Initialized at 12z Sep 07 2023

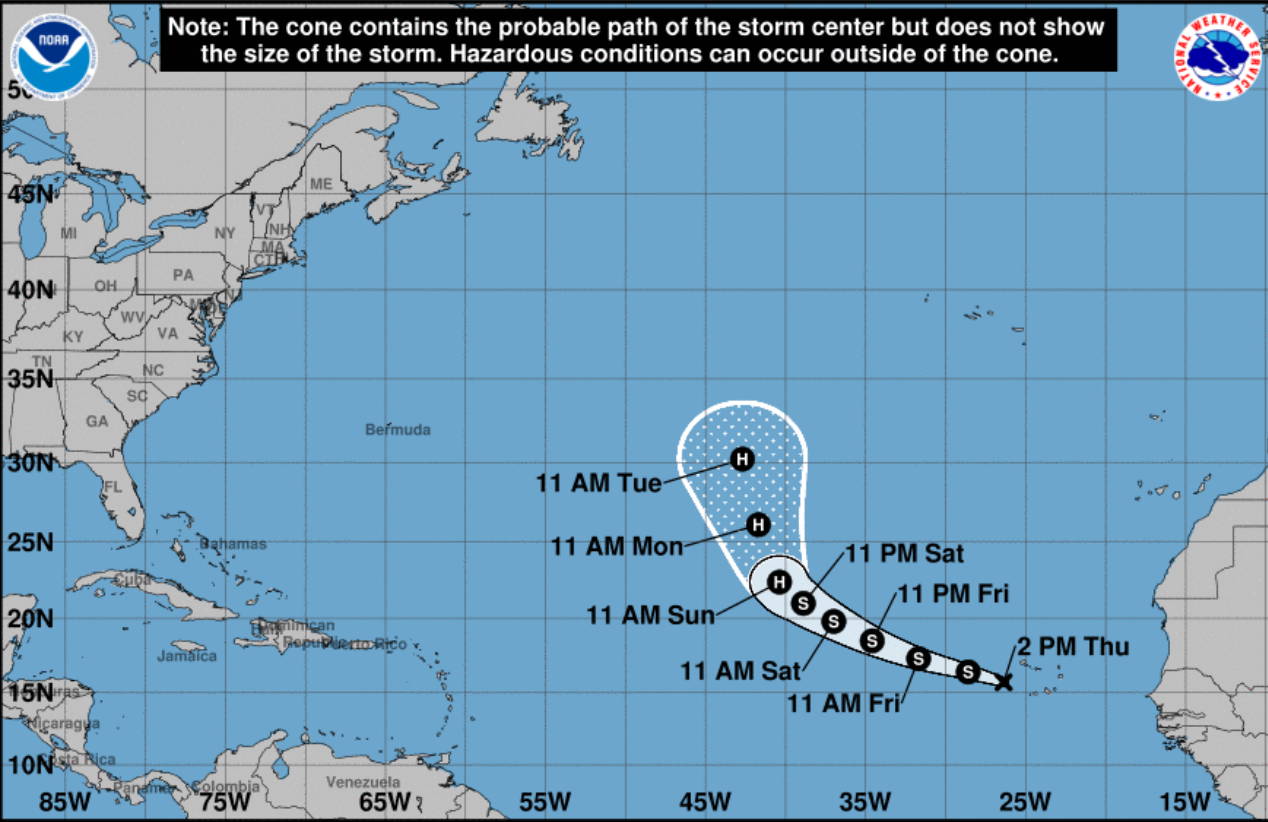
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Forecast Cone

Tropical Depression Fourteen ([LINK](#))



Tropical Depression Fourteen
Thursday September 07, 2023
2 PM CVT Advisory 1
NWS National Hurricane Center

Current information: x
Center location 15.7 N 26.4 W
Maximum sustained wind 35 mph
Movement WNW at 17 mph

Forecast positions:
● Tropical Cyclone ○ Post/Potential TC
Sustained winds: D < 39 mph
S 39-73 mph H 74-110 mph M > 110 mph

Potential track area:
Day 1-3 Day 4-5

Watches:
Hurricane Trop Stm

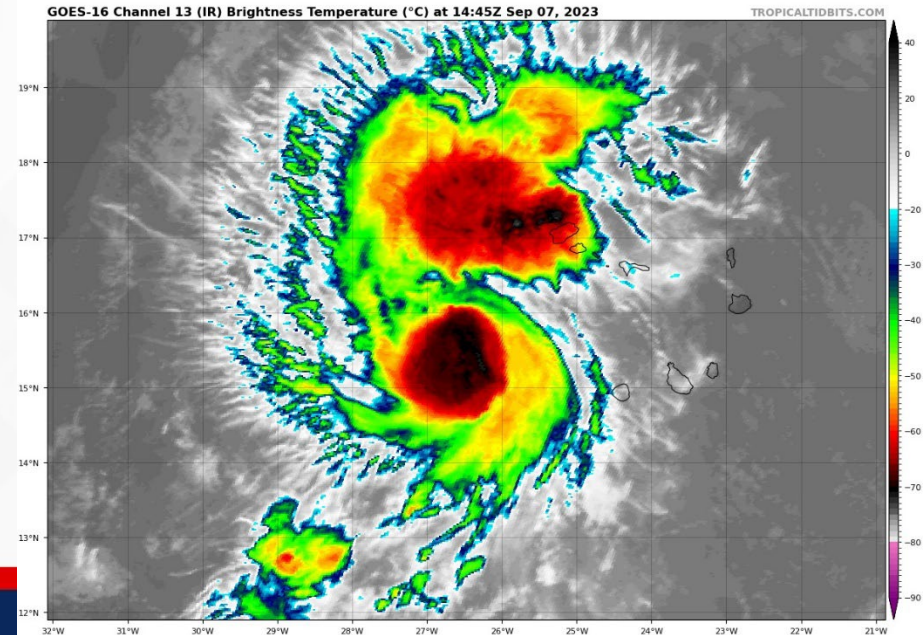
Warnings:
Hurricane Trop Stm

Current wind field estimate:
Hurricane Trop Stm

- **Location:** 160 miles W of the Cabo Verde Islands
- **Maximum Sustained Winds:** 35 mph
- **Current Movement:** WNW at 17 mph
- **FL Watches/Warnings:** None

As of 11:00 AM EDT, Invest 96L has strengthened into Tropical Depression Fourteen. The depression will continue moving west-northwestward during the next several days. Gradual strengthening is expected, and the depression is forecast to become a tropical storm later today or tonight.

Tropical Depression Fourteen poses no threat to Florida.





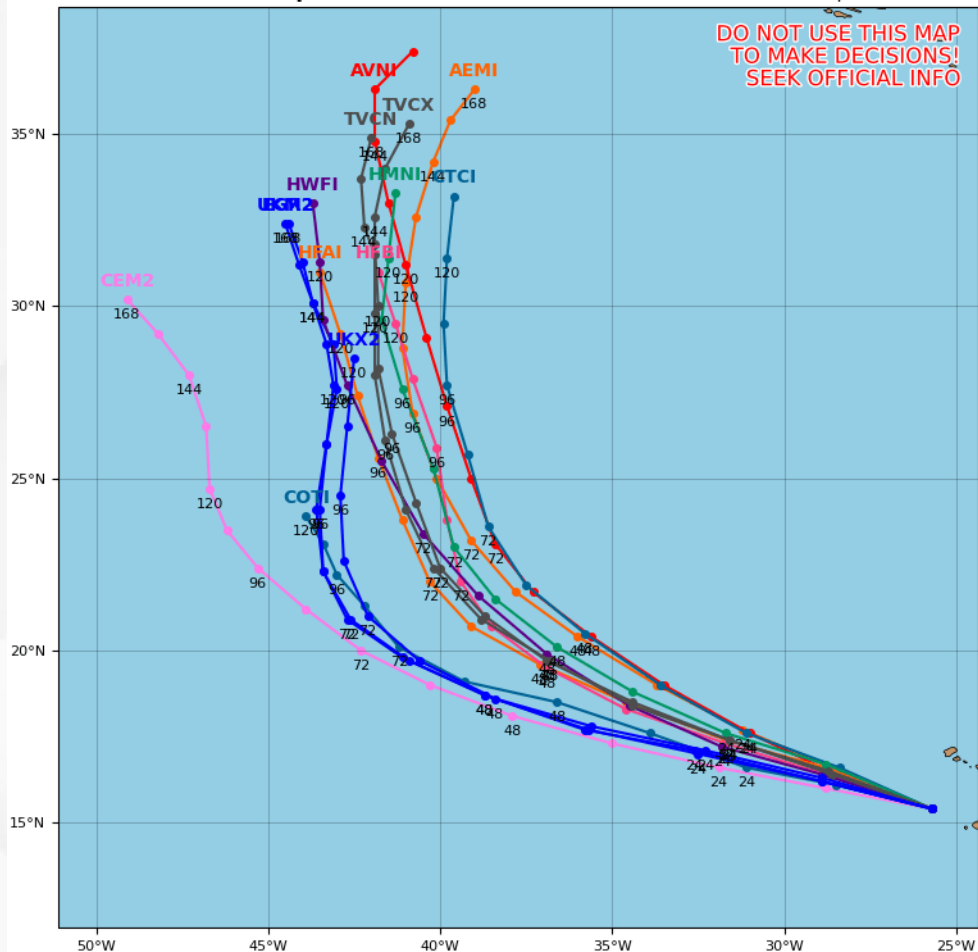
Model Forecasts – Next 5 Days

Tropical Depression Fourteen

Invest 96L Model Track Guidance

Initialized at 12z Sep 07 2023

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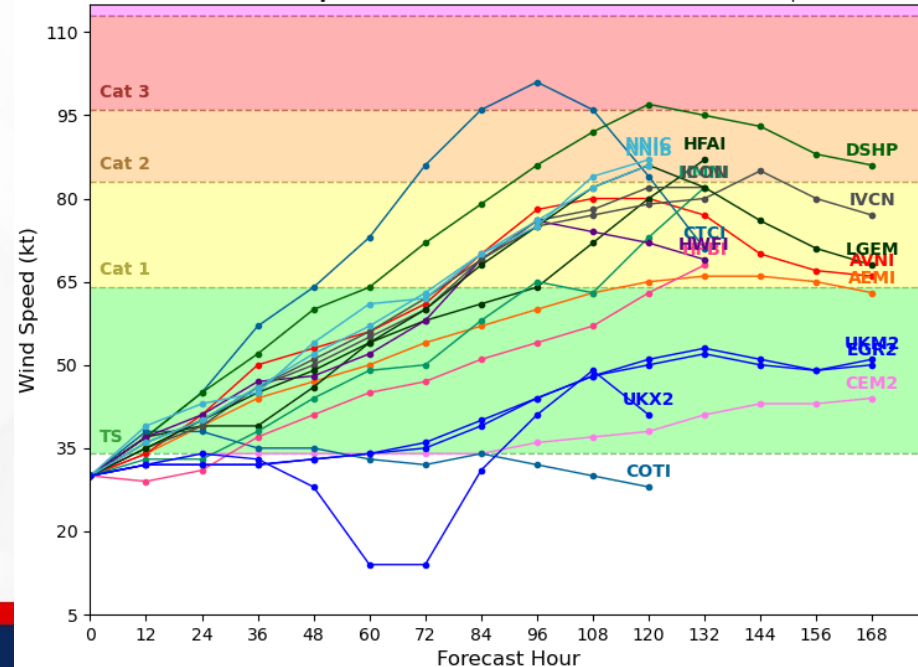


Computer models are in decent agreement that a general west-northwestward motion can be expected to continue over the next 24-48 hours, with a decrease in forward speed and turn toward the north after the 72-hour period. There is good agreement that TD 14 could become a tropical storm as early as this evening or tonight, and gradual strengthening can be expected over the next 72 hours, at least. There remains some degree of forecast uncertainty regarding the eventual intensity of TD 14; however, there is some consensus that TD 14 may reach hurricane strength later this weekend or early next week.

Invest 96L Model Intensity Guidance

Initialized at 12z Sep 07 2023

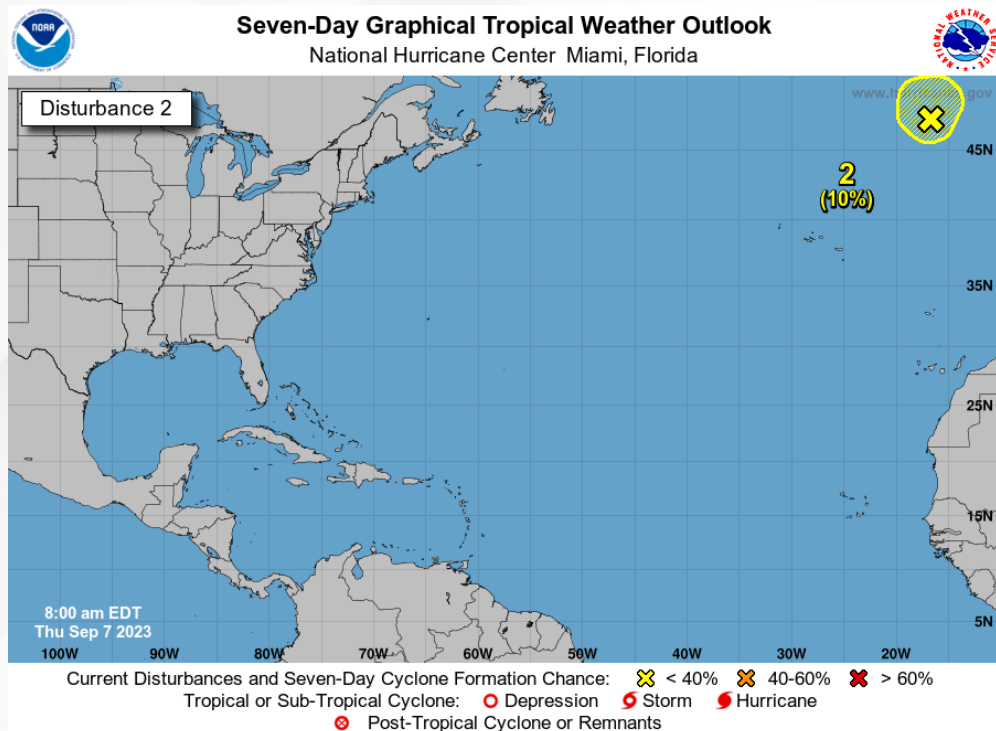
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Tropical Weather Outlook

Disturbance 1 – Former Franklin ([LINK](#))



Shower and thunderstorm activity associated with Post-Tropical Cyclone Franklin, located a few hundred miles west-northwest of the northwestern coast of Spain, have not become better organized and the system remains frontal. The chances of subtropical or tropical development have decreased, and environmental conditions are expected to become even more unfavorable tonight.

This system poses no threat to Florida.

- * Formation chance through 48 hours...**low...10%..**
- * Formation chance through 7 days...**low...10%..**

10%

48 Hour Formation

10%

7 Day Formation



Summary

Hurricane Lee:

- As of 11:00 AM EDT, Lee is located about 870 miles east of the northern Leeward Islands and is moving west-northwestward at 15 mph.
- This motion toward the west-northwest can be expected to continue over the next 24-48 hours, and a slower motion toward the west-northwest is forecast over the weekend.
- Maximum sustained winds are near 105 mph, making Lee a Category 2 hurricane. Rapid intensification is expected today and tonight, and Lee will likely become a major hurricane later today.
- Lee is forecast to remain a very strong major hurricane through the weekend.
- *This system poses no direct threat to Florida over the next 7 days, but this system will continue to be monitored. Dangerous beach and boating conditions can be expected to develop along Florida's East Coast early next week.*

Tropical Depression Fourteen:

- As of 11:00 AM EDT, Invest 96L strengthened into Tropical Depression Fourteen located about 160 miles west of the Cabo Verde Islands.
- A west-northwestward motion is expected to continue during the next several days.
- Maximum sustained winds are near 35 mph, and gradual strengthening is expected during the next several days. The depression is forecast to become a tropical storm later today or tonight.
- *Tropical Depression Fourteen poses no threat to Florida.*

Former Franklin – Northeastern Atlantic Low:

- Shower and thunderstorm activity associated with Post-Tropical Cyclone Franklin, located a few hundred miles west-northwest of the northwestern coast of Spain, have not become better organized and the system remains frontal.
- The chances of subtropical or tropical development have decreased, and environmental conditions are expected to become even more unfavorable tonight.
- There is a 10% (low) chance of development over the next 7 days, and *this system poses no threat to Florida.*

Florida Outlook:

- Approaching frontal boundary to bring isolated strong to severe thunderstorms across the Florida Panhandle this afternoon and evening.
- The primary concerns with this activity will be locally damaging wind gusts (45-60 mph), frequent lightning, and heavy downpours (Marginal Risk for Severe Weather – level 1 of 5).
- Triple digits heat indices return to North and Central Florida (98-105-degrees) this afternoon.
- River Flood Warnings continue for the Peace River near Arcadia (SR-70) and Myakka River near Myakka River State Park as minor flooding is forecast to linger into the weekend.
- The next name on the list Margot.

The next briefing package will be issued on Friday. 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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