



Tropical Update



11:00 AM EDT

Tuesday, October 14, 2025

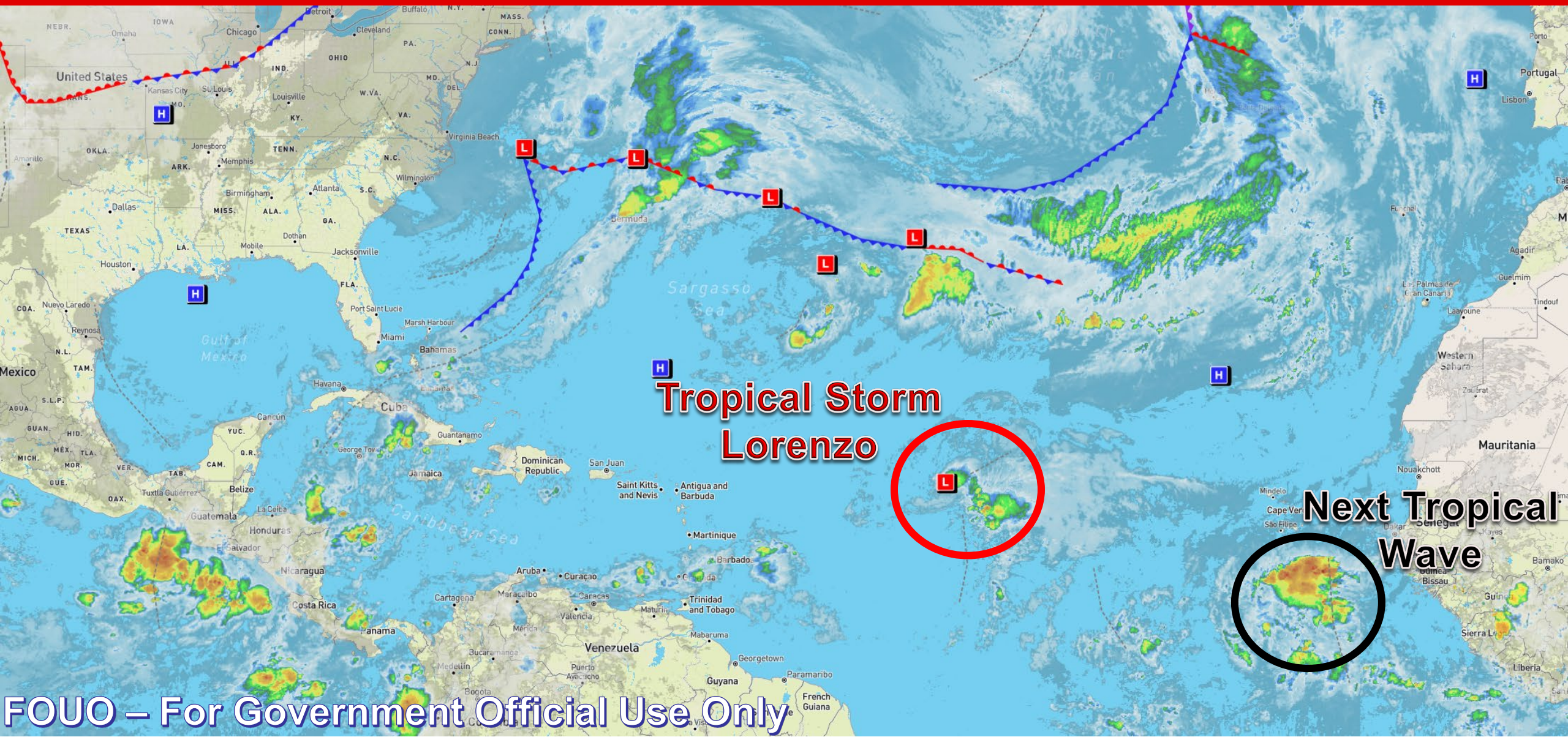
Weakening Lorenzo Poses No Threat to Land, with African Tropical Waves Keeping the Deep Tropics Active; Coastal Flooding and Beach Hazards Continue for the Florida East Coast

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.



Atlantic Basin Satellite Image

Chance of development: None Low Medium High

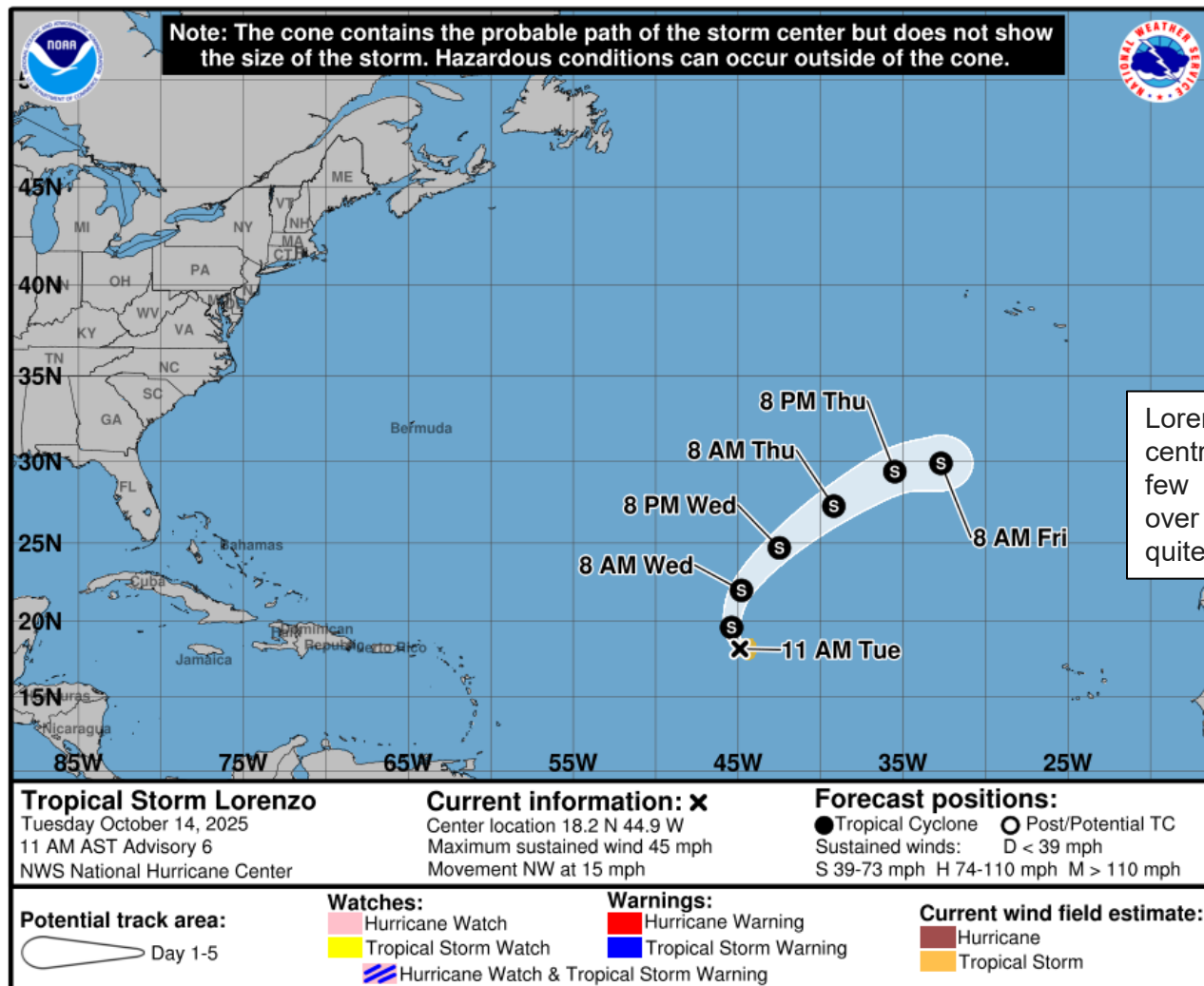


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Tropical Storm Lorenzo

From the National Hurricane Center (NHC)



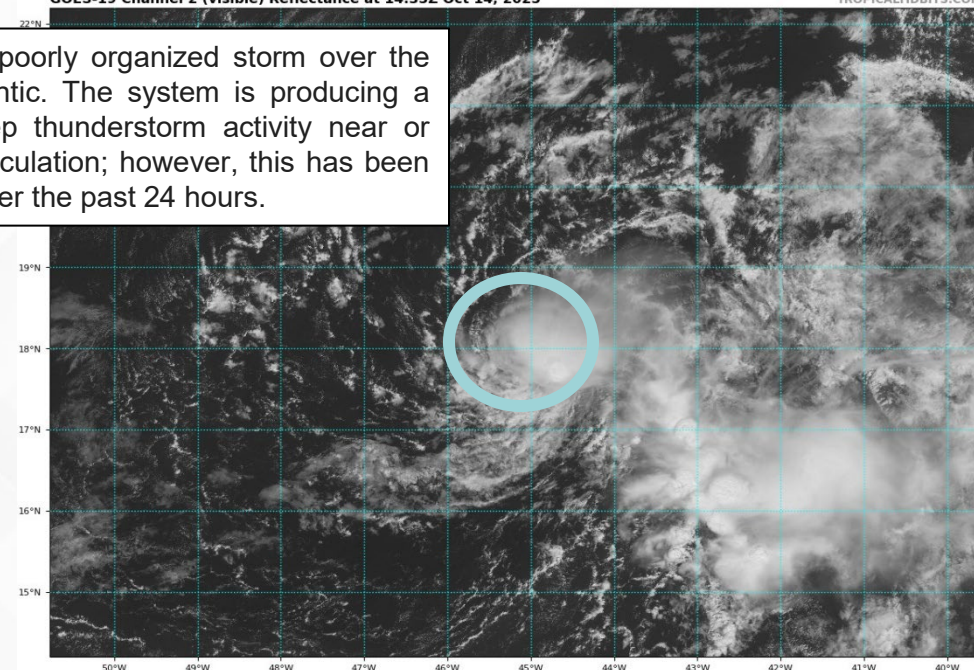
- **Location:** 1,385 W of the Cabo Verde Islands
- **Maximum Sustained Winds:** 45 mph
- **Current Movement:** NW at 15 mph
- **FL Watches/Warnings:** None

This northwestward motion is expected to continue today, followed by a turn to the north tonight and northeast by Wednesday. Gradual weakening is expected during the next few days. ***Lorenzo poses no threat to Florida.***

GOES-19 Channel 2 (visible) Reflectance at 14:35Z Oct 14, 2025

TROPICALIDBITS.COM

Lorenzo remains a poorly organized storm over the central tropical Atlantic. The system is producing a few clusters of deep thunderstorm activity near or over its center of circulation; however, this has been quite inconsistent over the past 24 hours.





Computer Model Ensembles

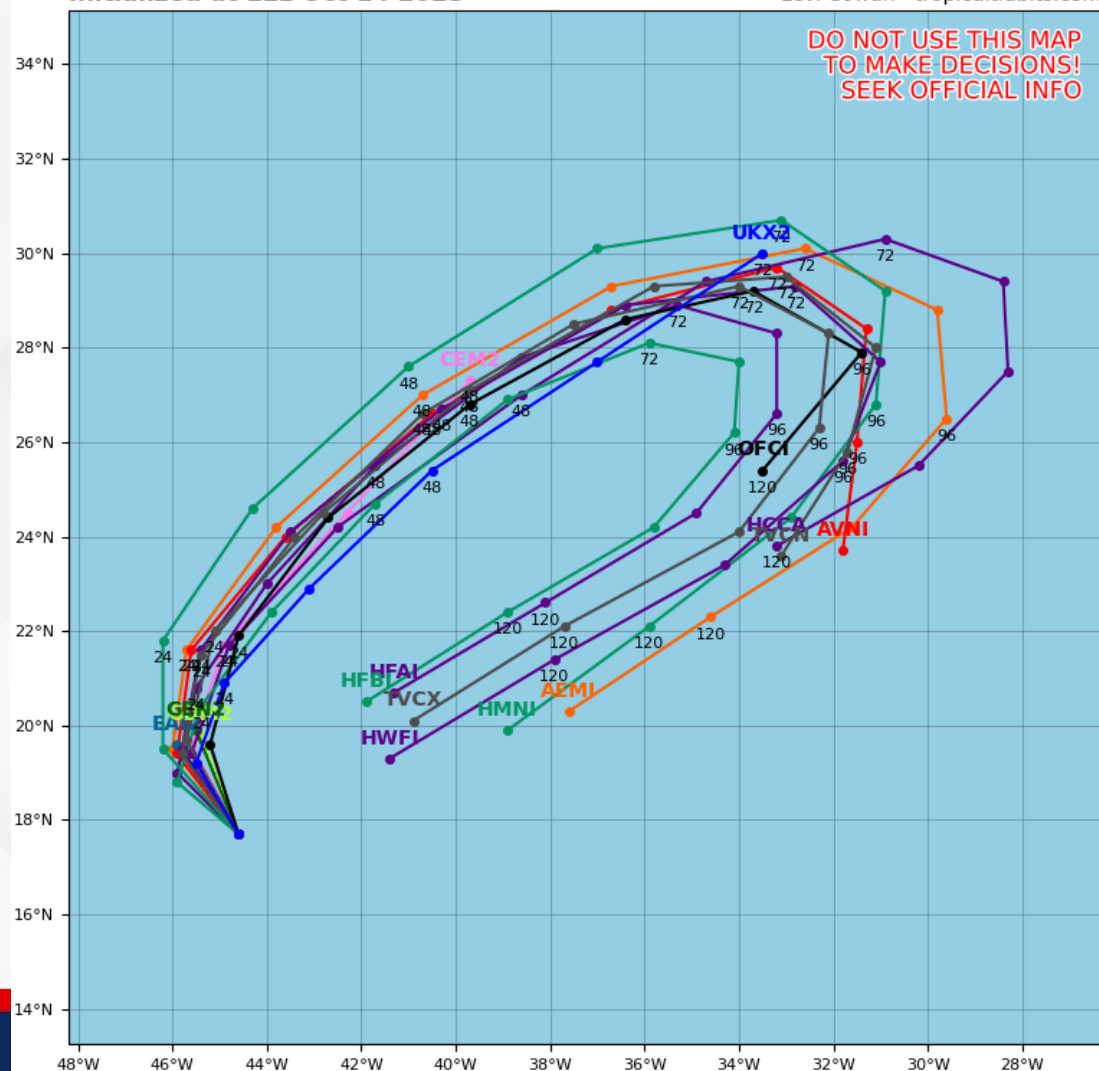
Tropical Storm Lorenzo – Next 5 to 7 Days

Tropical Storm LORENZO Model Track Guidance

Initialized at 12z Oct 14 2025

Levi Cowan - tropicaltidbits.com

DO NOT USE THIS MAP
TO MAKE DECISIONS!
SEEK OFFICIAL INFO



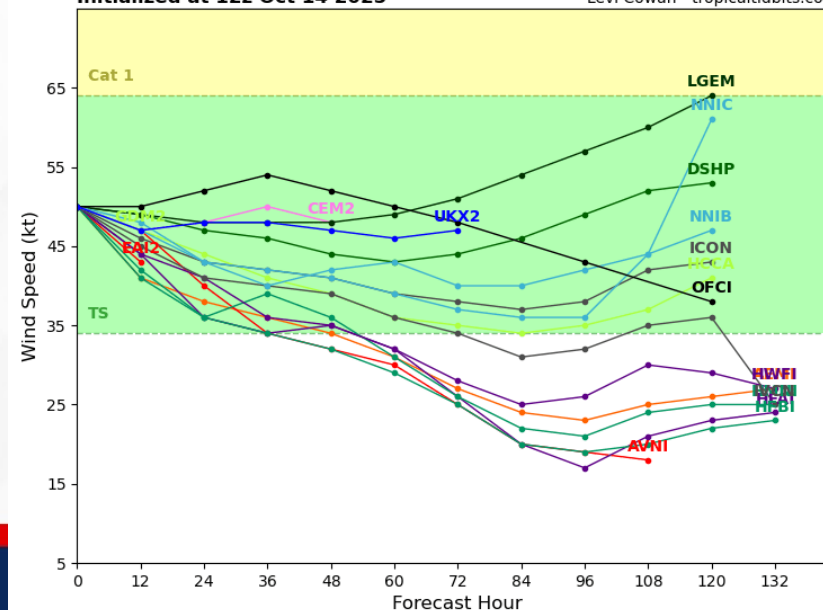
Computer forecast models remain in very good agreement that a turn toward the north is expected later today as the area of high pressure weakens over its western periphery. On Wednesday, computer guidance shows Lorenzo is likely to turn northeastward in between the area of high pressure and approaching upper-level frontal system. If Lorenzo survives the increasing upper-level winds, it may turn eastward or southeastward this weekend on the northern periphery of the high pressure system.

Lorenzo continues to battle against an environment featuring dry air and strong upper-level winds. Computer forecast models remain in good agreement that little to no strengthening can be expected through the forecast period. Most of the computer models from last night/early this morning show Lorenzo remaining a lopsided system before opening into an upper-level disturbance within the next few days.

Tropical Storm LORENZO Model Intensity Guidance

Initialized at 12z Oct 14 2025

Levi Cowan - tropicaltidbits.com





Dangerous Beach & Marine Conditions

From the National Weather Service (NWS)



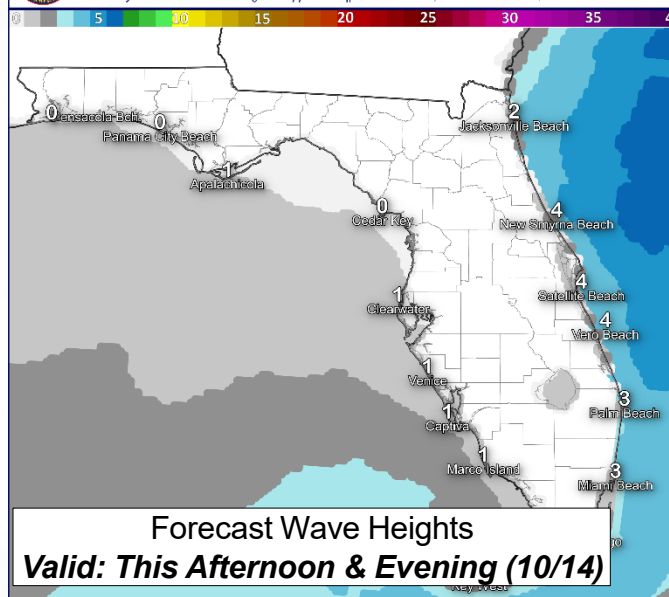
Rip Current Risk: Tuesday

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



Wave Heights: Tuesday Afternoon

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

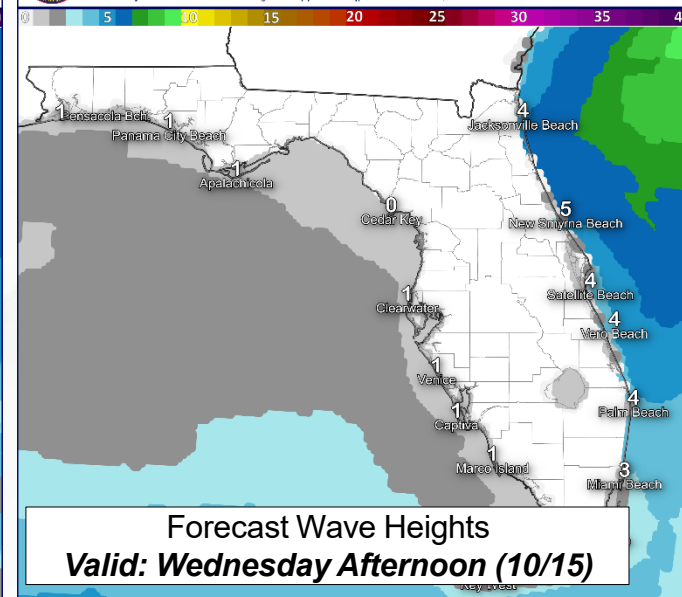


Forecast Wave Heights
Valid: This Afternoon & Evening (10/14)



Wave Heights: Wednesday Afternoon

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



Forecast Wave Heights
Valid: Wednesday Afternoon (10/15)

- Wave heights will largely fluctuate along the Florida East Coast this week as the low pressure near New England will eventually migrate further offshore.
- Elevated surf of 3-5'** will persist for numerous beaches this afternoon and evening, with elevated long-period ocean swell arriving in the surf zone at **5-8'** later this week.
- A **high risk for rip currents** can be expected to continue courtesy of onshore winds and elevated surf; a **moderate risk for rip currents** continues for several Florida Panhandle beaches.



Coastal Flood Key Messages

From the National Weather Service (NWS)

Coastal Flooding

Moderate to Minor Tidal Flooding Continues



Tidal flooding continues this week near daily high tides.



Coast from St. Augustine to Flagler Beach, Intracoastal Waterway & St. Johns River Basin south of Jacksonville

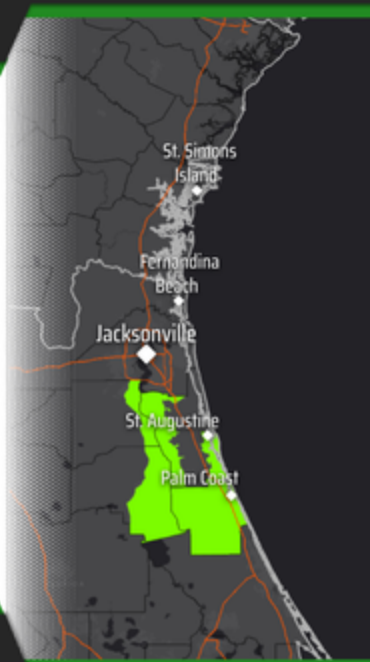


- Tidal flooding of 1.5 - 2 ft (above normally dry ground)
- Impacts to low lying areas, boat ramps, docks & some roads



NATIONAL WEATHER SERVICE
Jacksonville, Florida

NWS Jacksonville – Key Messages (Coastal Flooding)



Issued: Mon,

Coastal Flood
Warning

Coastal Flood
Advisory

Coastal Flood Advisory

Through Early Wednesday (10/15/25) Morning



ADVISORY: UPPER KEYS
STATEMENT: LOWER/MIDDLE KEYS



Each High Tide Cycle
Through Early Wednesday Morning



UPPER KEYS:

- Driving through saltwater may be unavoidable
- Saltwater flooding of low elevation streets and lots expected
- Some roads may be impassable

LOWER/MIDDLE KEYS:

- Some storm drains will overflow and some seawalls & docks will be overtopped

ALL OF THE FLORIDA KEYS:

- Boaters will see less clearance under bridges

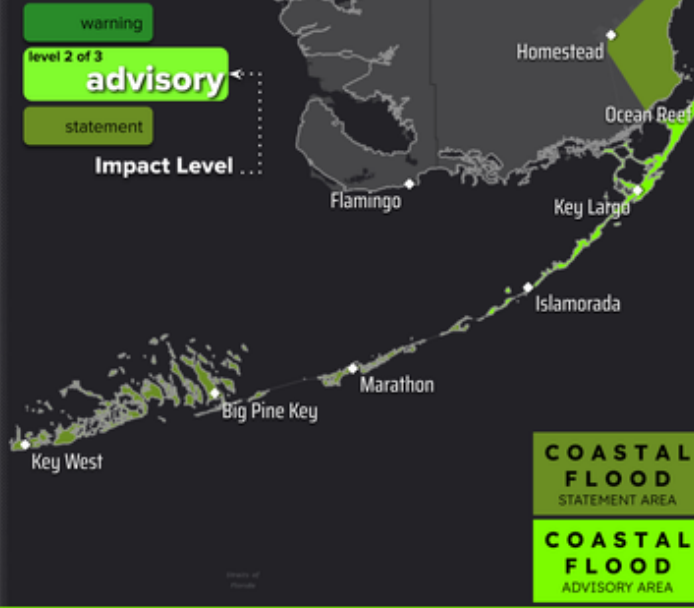


National Weather Service Key West, FL

follow: X @NWSKeyWest

NWS Key West – Key Messages (Coastal Flooding)

latest information:
weather.gov/KeyWest



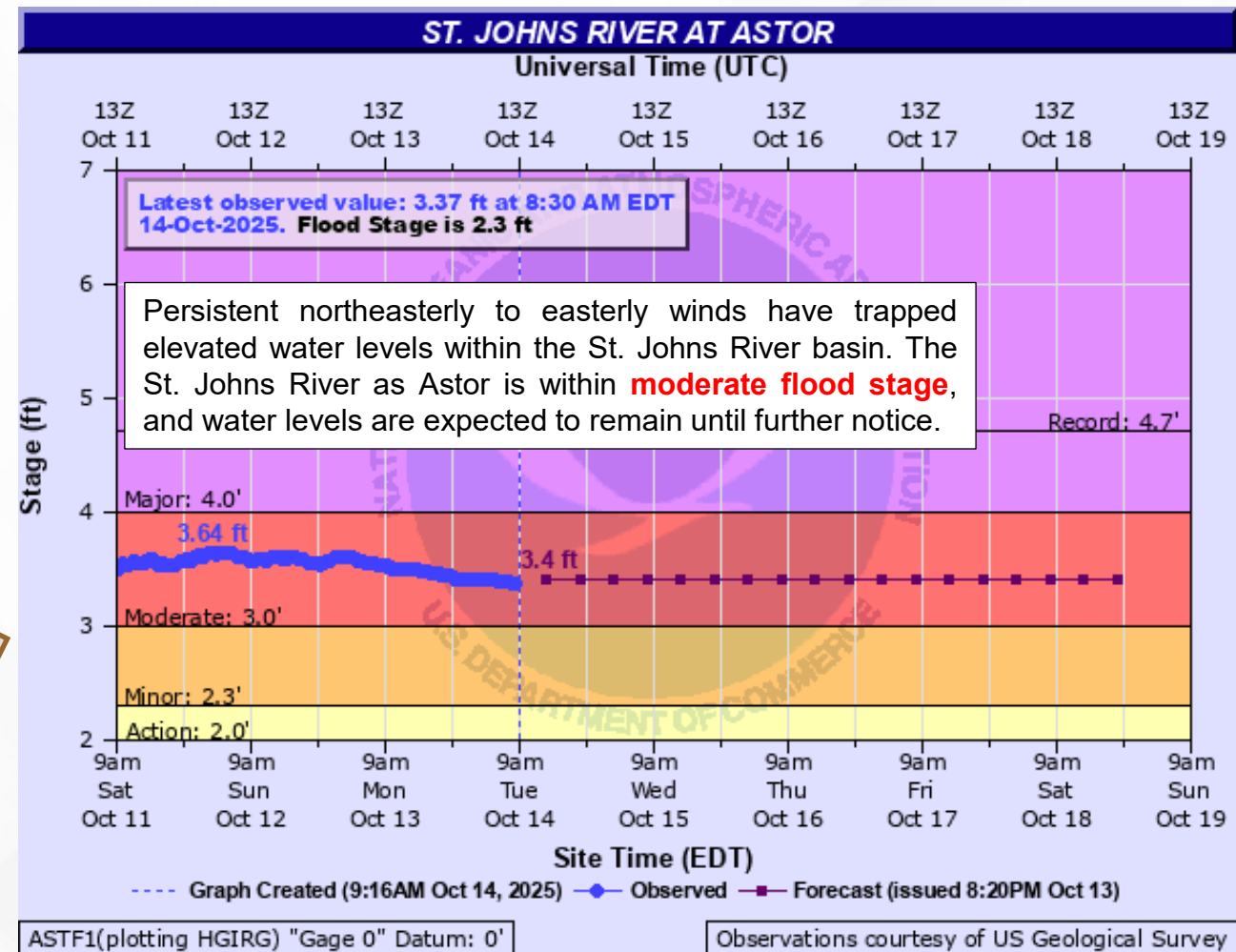
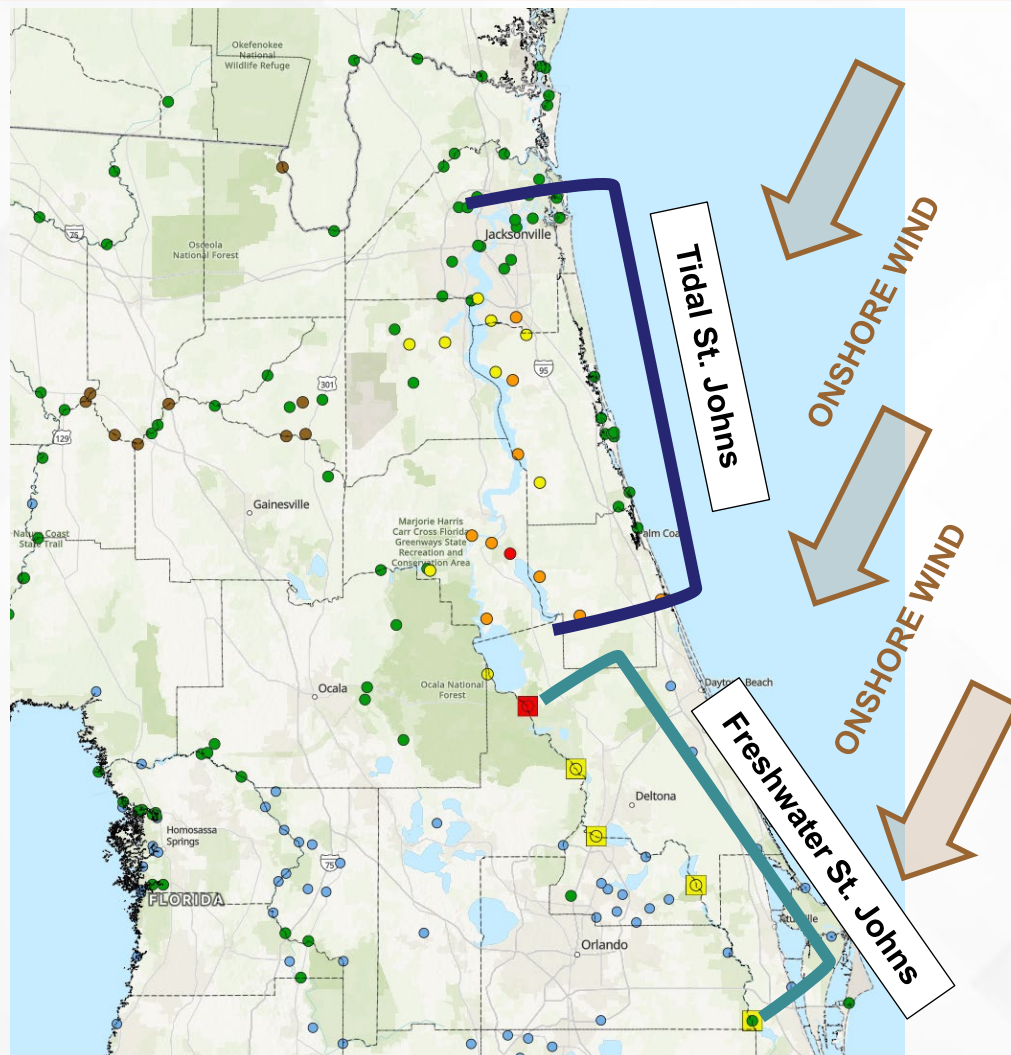
October 14, 2025 | 4:26 AM

Elevated water levels and periods of tidal flooding continue along the St. Johns River basin, portions of the Northeast Florida Coast (mainly from St. Augustine to Flagler Beach), Southeast Florida Coast, and Florida Keys. **Coastal Flood Advisories** remain in effect along the St. Johns and Florida Keys today as water levels may continue to reach 1.5-2' above normally dry ground, particularly at times of high tide. **Minor coastal flooding** will be possible throughout the week; periods of **Coastal Flood Warning** criteria cannot be ruled out along the St. Johns River basin later this week as onshore flow and wave action increases.



Riverine Flooding (St. Johns River)

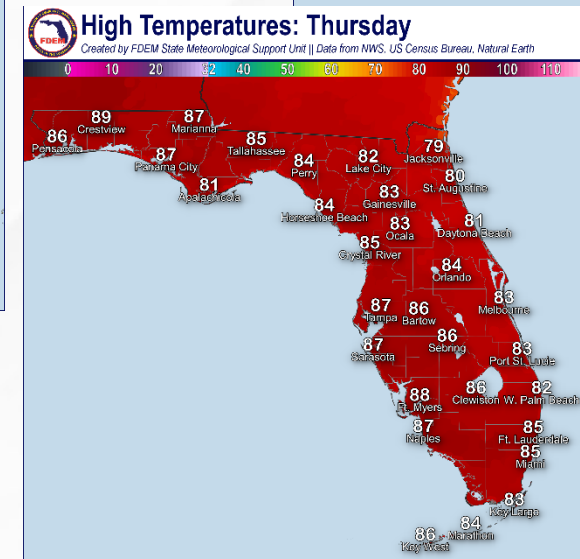
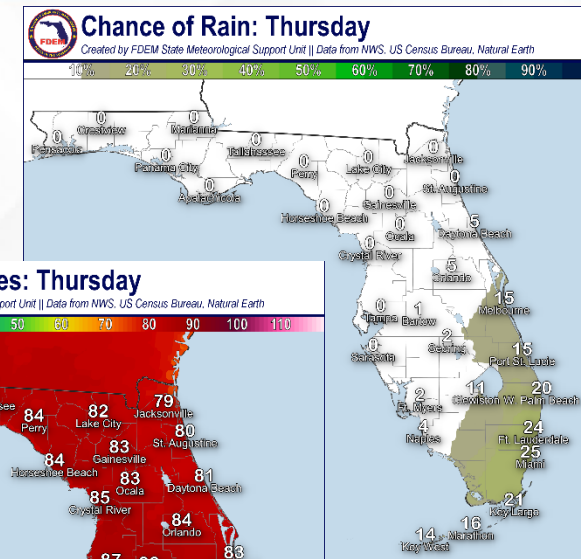
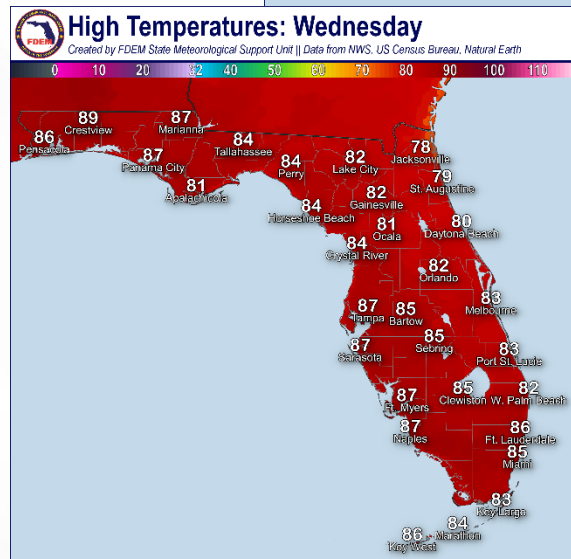
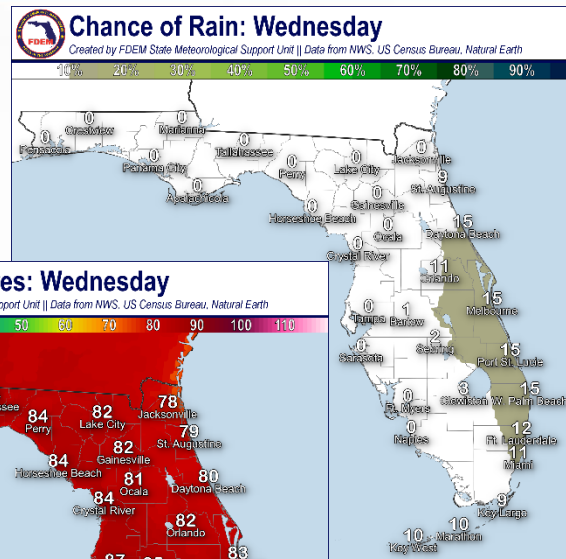
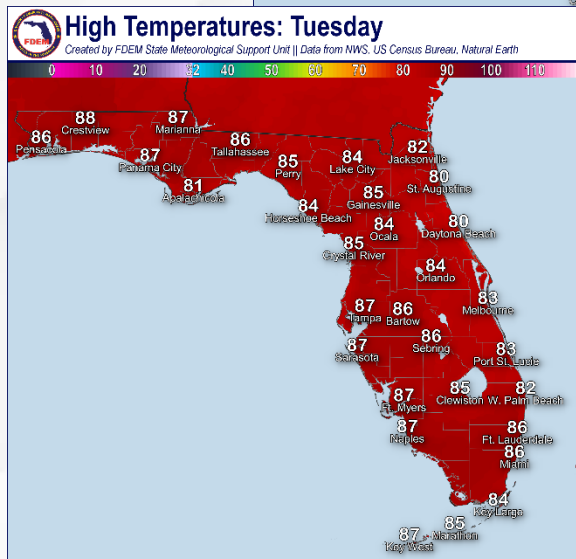
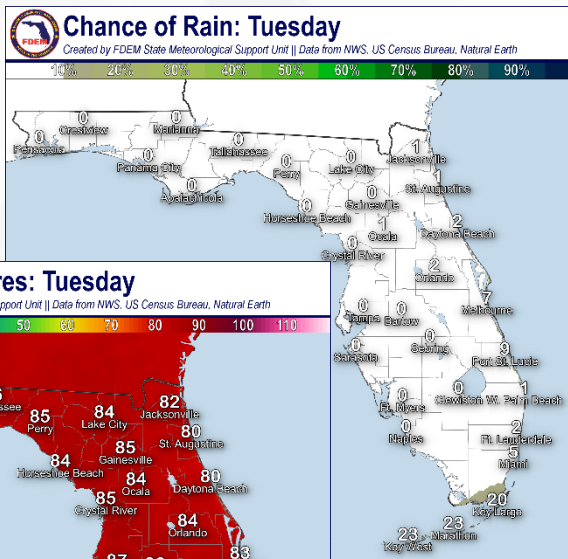
From the National Weather Service (NWS)





Chances of Rain & High Temperatures – Next 3 Days

From the National Weather Service (NWS)



Only a slight chance of showers and embedded thunderstorms exists along the far southern Florida Peninsula and Florida Keys (20-25% chance of rain), with chances for an isolated shower or two spreading northward along the I-95 corridor Wednesday and Thursday. Away from East-Central and Southeast Florida, the Sunshine State remains rain-free through the next 5 days. Afternoon high temperatures are slowly on an upward trend through the week, with the middle to upper 80s returning to the Gulf Coast; however, comfortable morning temperatures stick around!



Summary

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Tropical Storm Lorenzo:

- As of 11:00 AM EDT, Tropical Storm Lorenzo is located about 1,385 miles west of the Cabo Verde Islands and is moving northwest at 15 mph.
- This motion is forecast to continue today, followed by a turn toward the north tonight. A northeastward motion is expected on Wednesday and Thursday.
- Maximum sustained winds have decreased to 45 mph, and gradual weakening is expected during the next few days.
- ***Lorenzo poses no threat to Florida.***

Florida Outlook:

- Wave heights will fluctuate along the Florida East Coast this week as the low pressure near New England eventually migrates further offshore.
 - Elevated surf of 3-5' will persist for numerous beaches this afternoon and evening, with **elevated long-period ocean swell** arriving in the surf zone at **5-8'** later this week.
 - A **high risk for rip currents** can be expected to continue courtesy of onshore winds and elevated surf; a moderate risk for rip currents continues for several Florida Panhandle beaches.
- Elevated water levels and periods of tidal flooding continue along the St. Johns River basin, portions of the Northeast Florida Coast (mainly from St. Augustine to Flagler Beach), Southeast Florida Coast, and Florida Keys. **Coastal Flood Advisories** remain in effect along the St. Johns and Florida Keys today as water levels may continue to reach 1.5-2' above normally dry ground, particularly at times of high tide.
 - **Minor coastal flooding** will be possible throughout the week; periods of **Coastal Flood Warning** criteria cannot be ruled out along the St. Johns River basin later this week as onshore flow and wave action increases.
 - Persistent northeasterly winds have trapped elevated water levels within the St. Johns River basin. The St. Johns River as Astor is within **moderate flood stage**, and water levels are expected to remain until further notice.
- Only a slight chance of showers and embedded thunderstorms exists along the far southern Florida Peninsula and Florida Keys (20-25% chance of rain), with chances for an isolated shower or two spreading northward along the I-95 corridor Wednesday and Thursday.
- Away from East-Central and Southeast Florida, the Sunshine State remains rain-free through the next 5 days.
- Afternoon high temperatures are slowly on an upward trend through the week, with the middle to upper 80s returning to the Gulf Coast; however, comfortable morning temperatures stick around!
- The next name on the list is **Melissa** (*meh-LIH-suh*).

The next briefing packet will be issued Wednesday. 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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