



# TROPICAL UPDATE



5:00 PM EDT

Wednesday, July 7, 2021

Tropical Storm Elsa

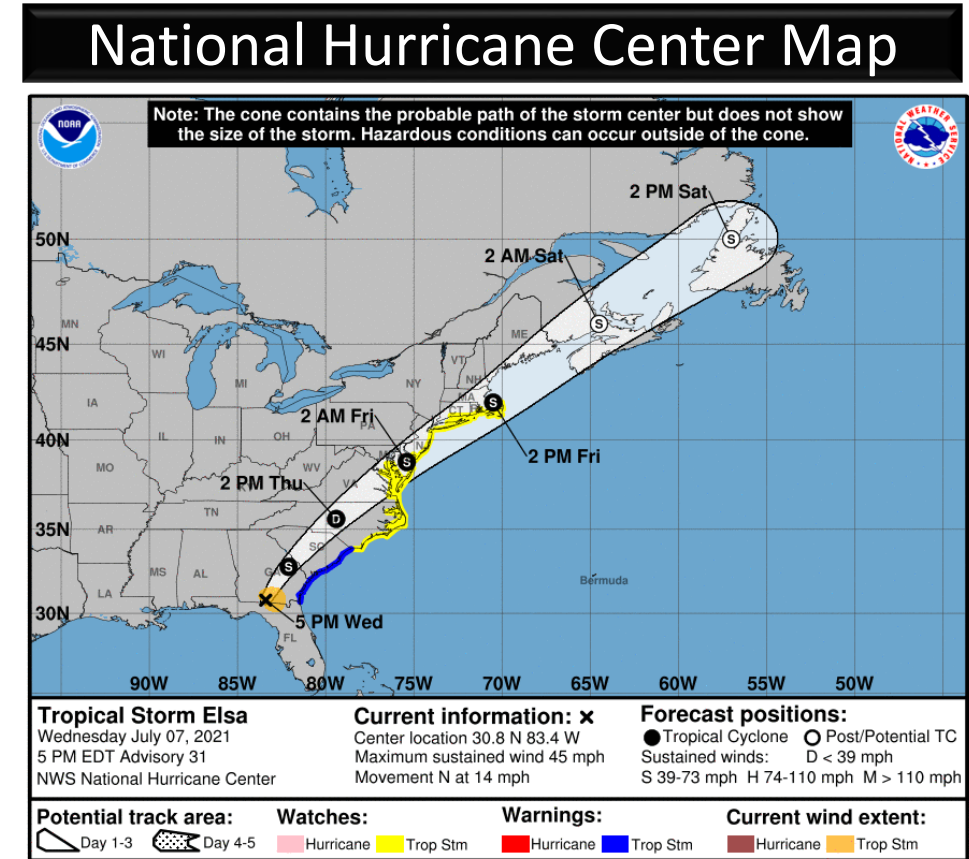
This update is intended for government and emergency response officials, and is provided for informational and situational awareness purposes only. Forecast conditions are subject to change based on a variety of environmental factors. For additional information, or for any life safety concerns with an 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](http://www.hurricanes.gov).



# Tropical Storm Elsa

5 PM ET Wednesday: Florida Threats & Changes Since Last Packet

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



## Overview/Recent Changes:

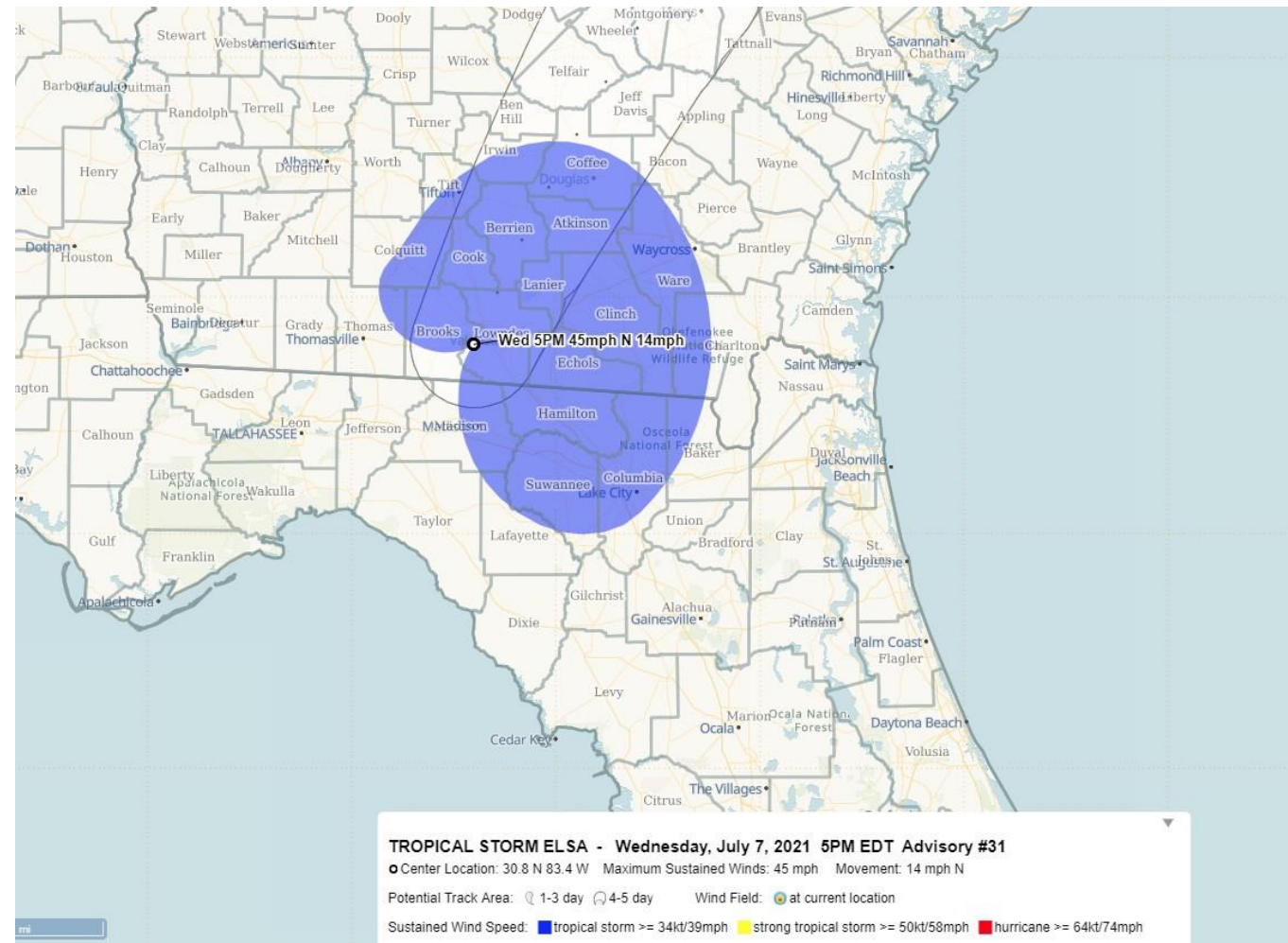
All Storm Surge Warnings have been cancelled. Tropical Storm Warnings continue for just the inland portions of far Northeast Florida. A Tornado Watch remains in effect for Northeast Florida until 8 PM ET. A Flood Watch continue until this evening as well for Northeast Florida. Rivers are rising in Northeast, Southwest, and West Central Florida.



# Official Forecast Track – Elsa

From the National Hurricane Center – ([LINK](#))

- The center of Elsa is near Valdosta, GA, and moving to the north at 14 mph.
- Elsa remains a tropical storm with maximum sustained winds near 45 mph.
- Elsa will continue moving north or north-northeast tonight and away from the state
- Trailing strong rain bands are expected to continue to affect portions of Northeast Florida until around midnight.

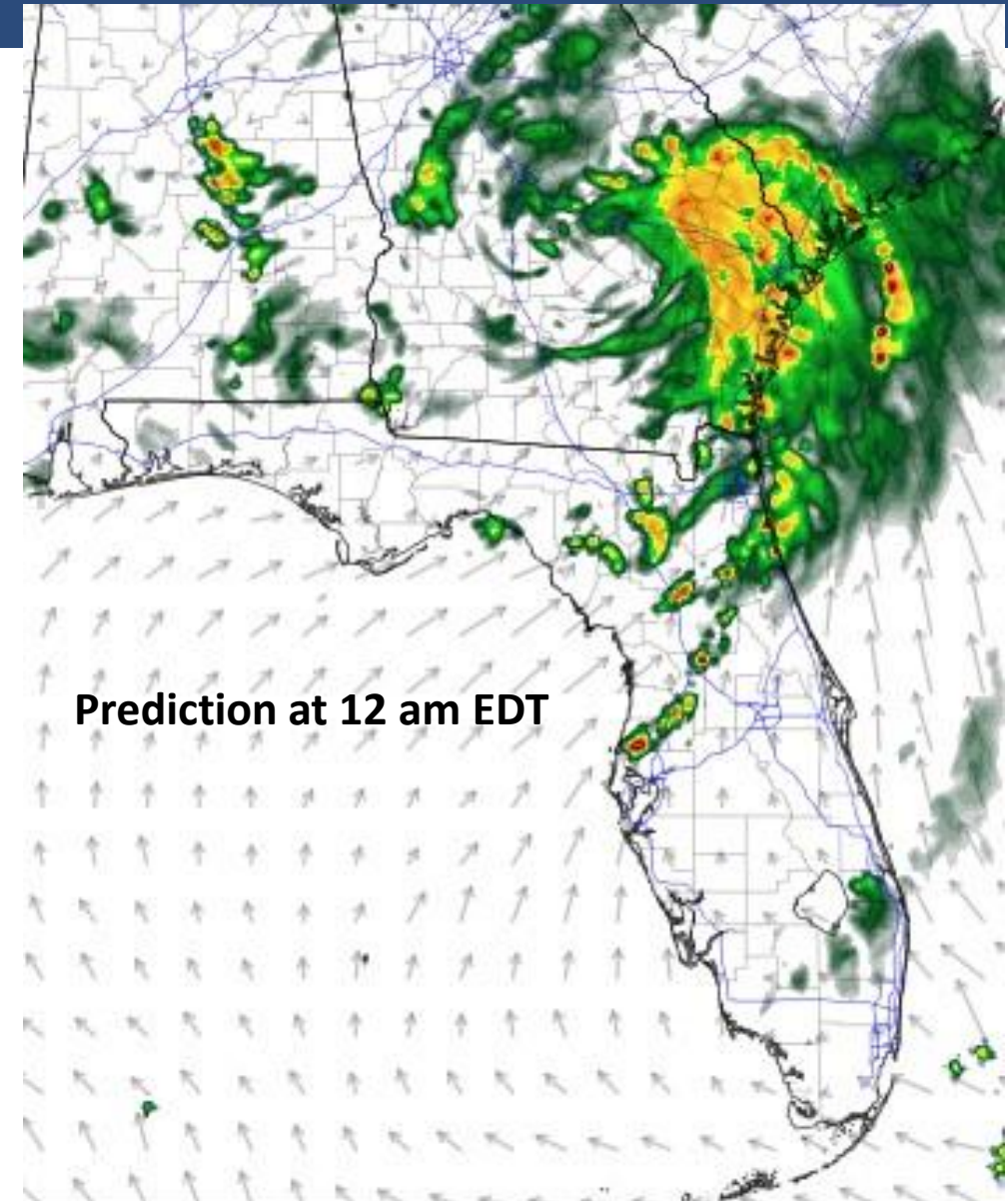
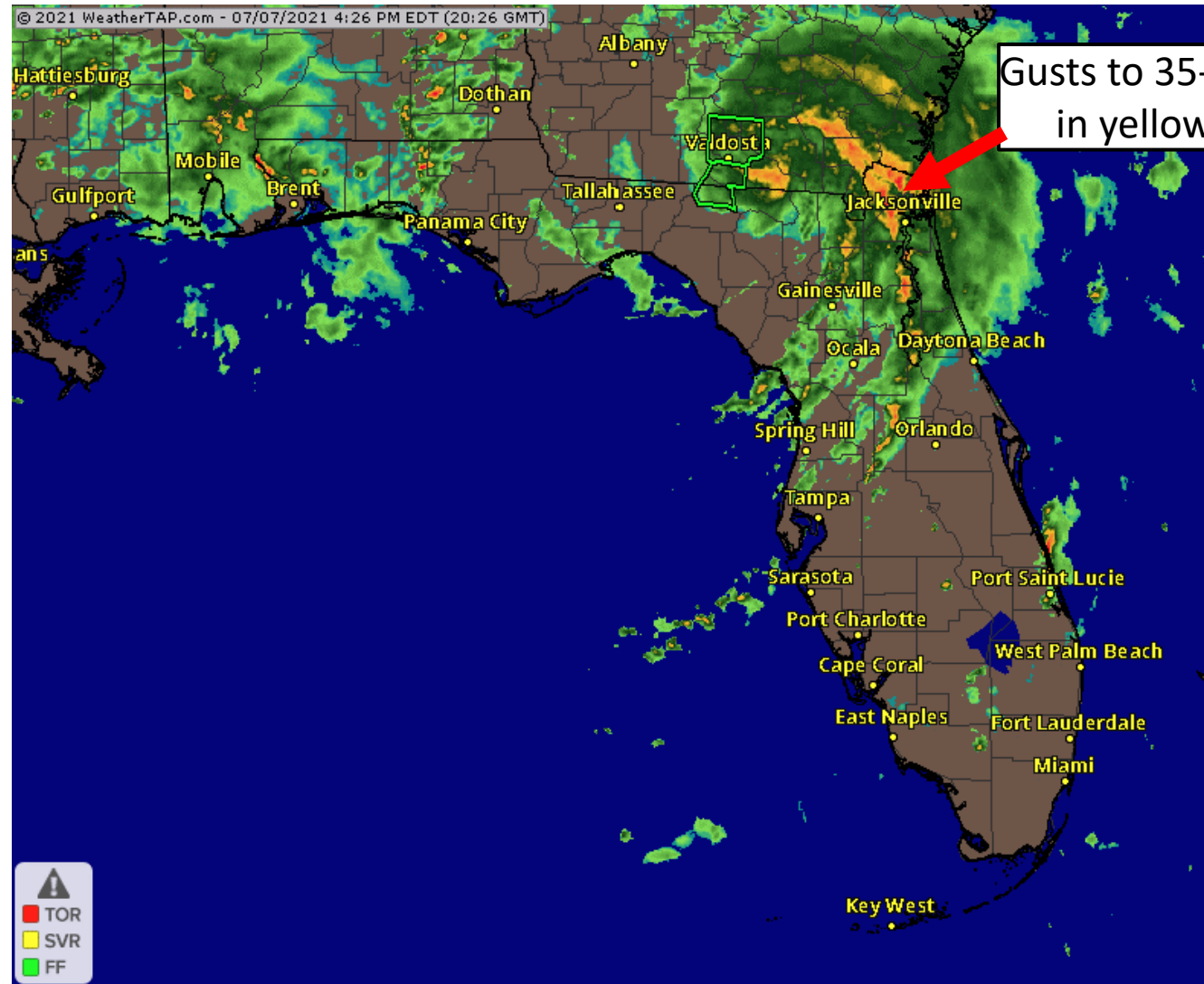


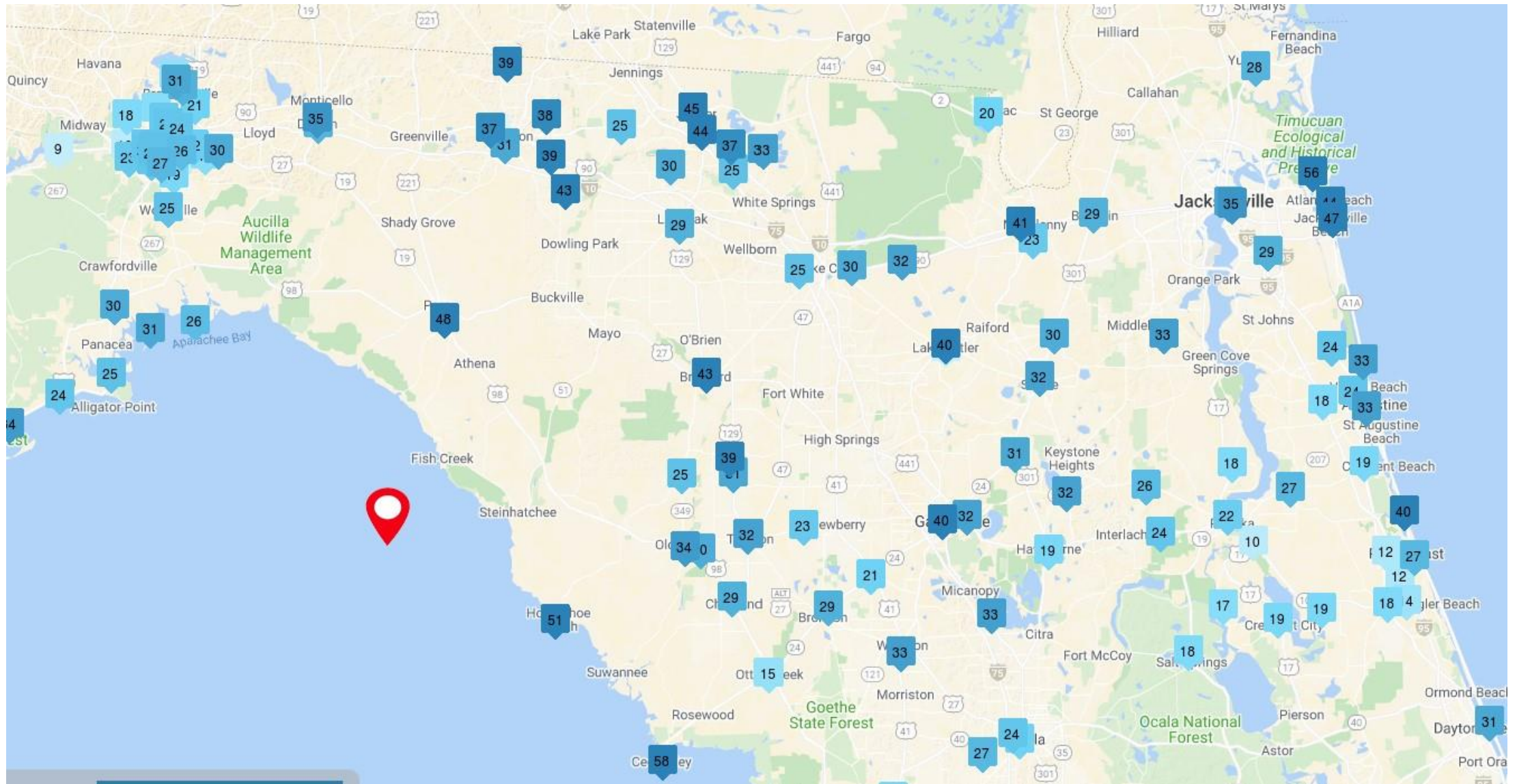




# Current and Forecast Florida Radar

As of 4:30 PM ET





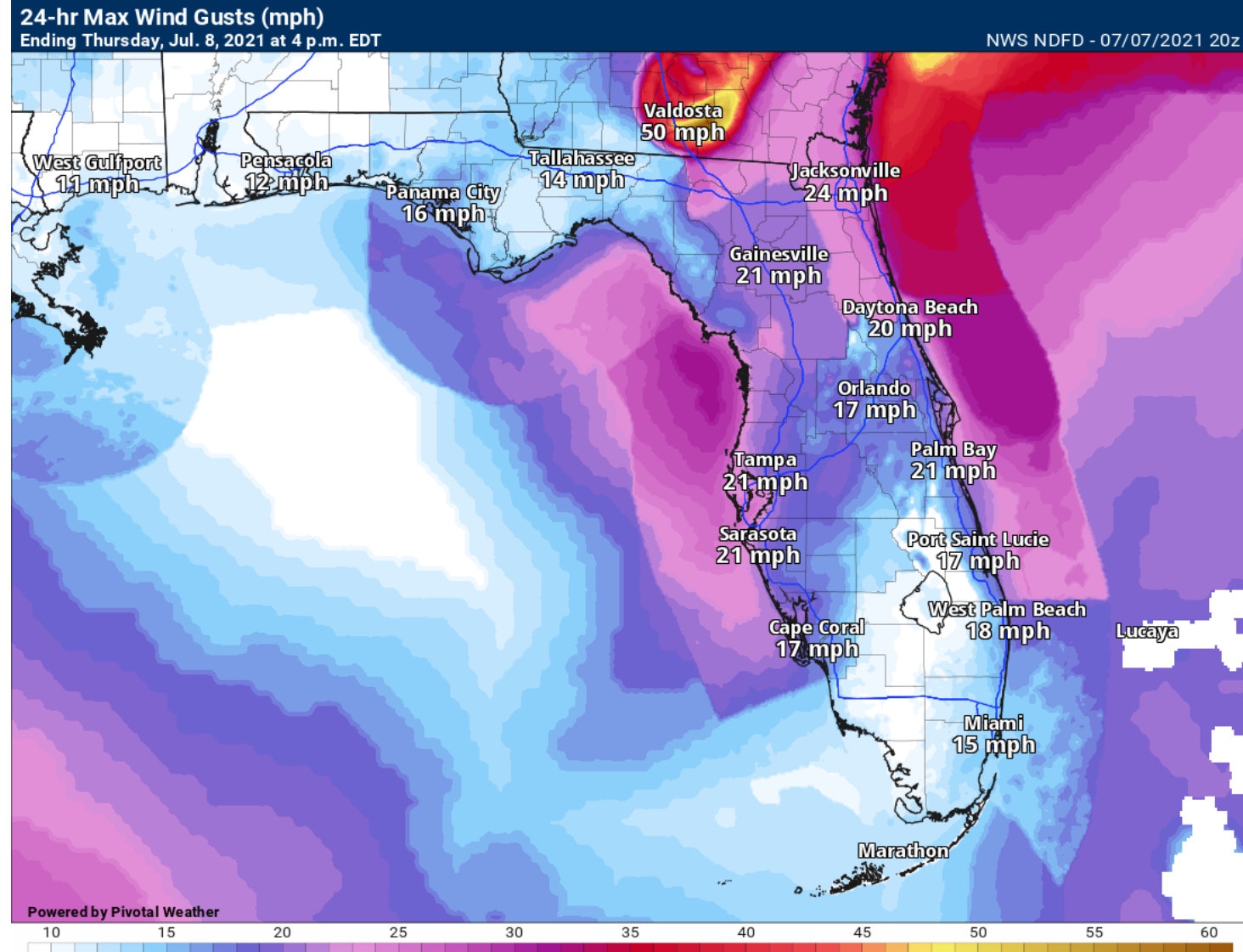




# Wind Gusts Overnight

## Tropical Storm Elsa

The wind threat is gradually ending across Northeast Florida. Some wind gusts after the rain ends of 20-30 mph will remain possible in Northeast Florida and along the West Coast.





# Wind Watches and Warnings

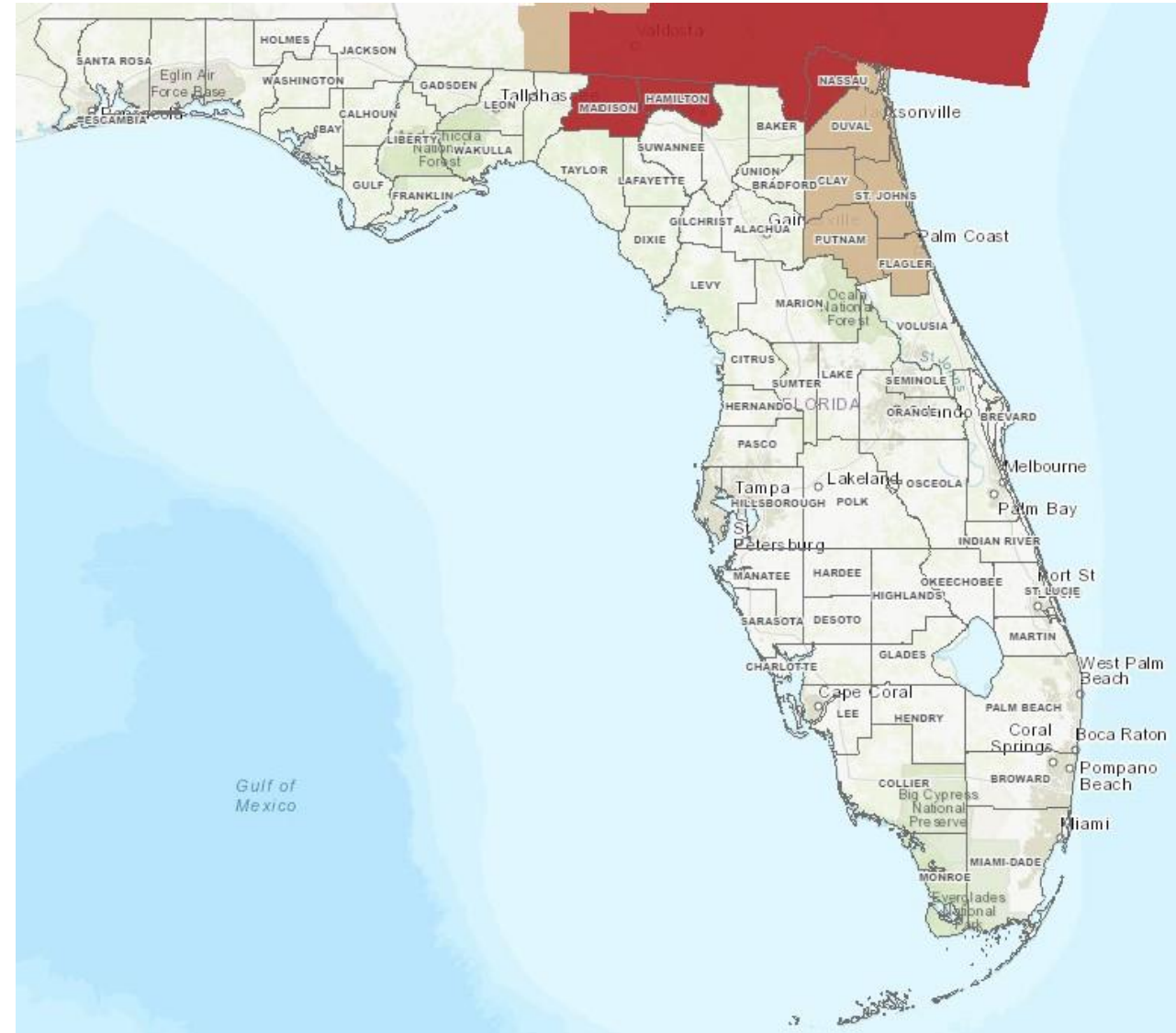
In Effect Until Further Notice

## Tropical Storm Warnings:

- Madison, Hamilton, and inland Nassau

## Wind Advisories: (gusts of 30-40 mph)

- Coastal Nassau, Duval, Clay, St. Johns, Putnam, Flagler





# Tornado Watch

In Effect Until 8 PM ET

## Tornado Watch

Valid Until  
8:00 PM EDT Wednesday  
July 7, 2021

### Threat Information



#### TORNADOES

A Couple Tornadoes  
Possible



#### HAIL

No Hail Expected



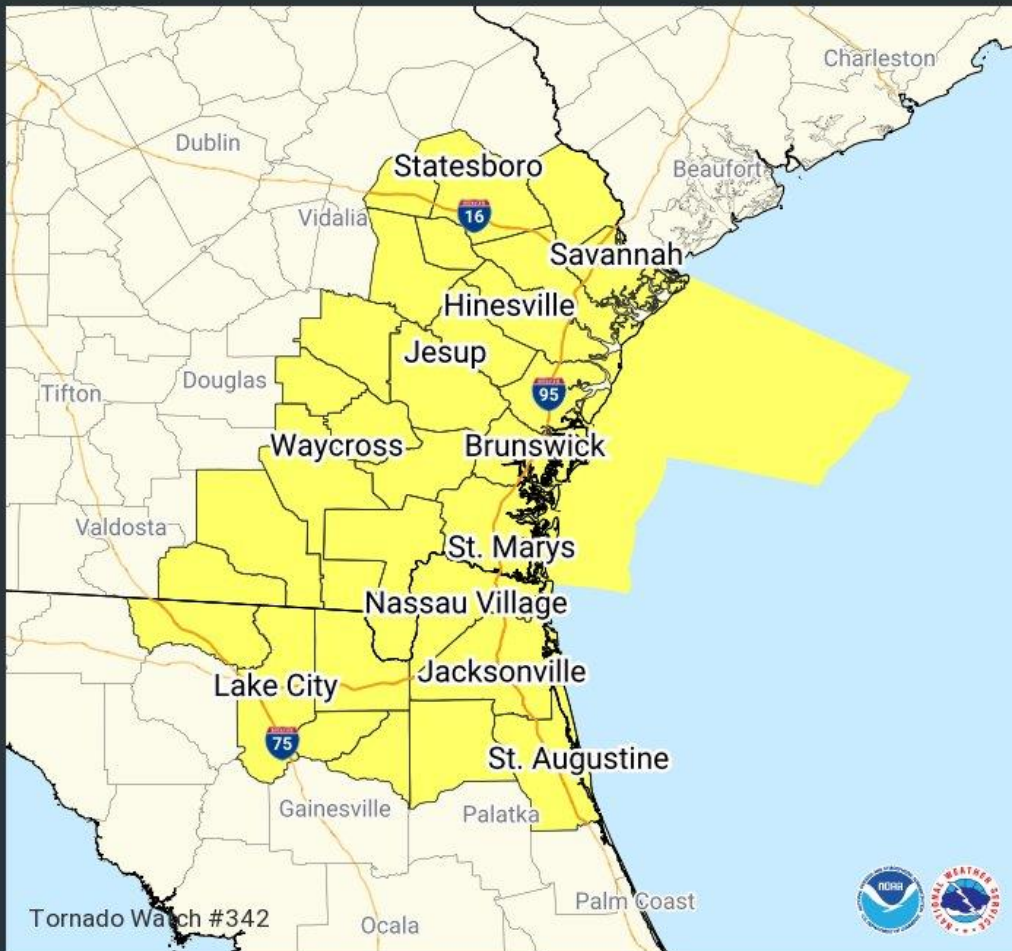
#### WIND

Isolated Gusts  
Up To 70 MPH Possible

### Potential Exposure



Population: 2,473,120  
Schools: 609  
Hospitals: 54



### Tornado Watch:

- Hamilton, Columbia, Baker, Bradford, Union, Clay, St. Johns, Duval, Nassau





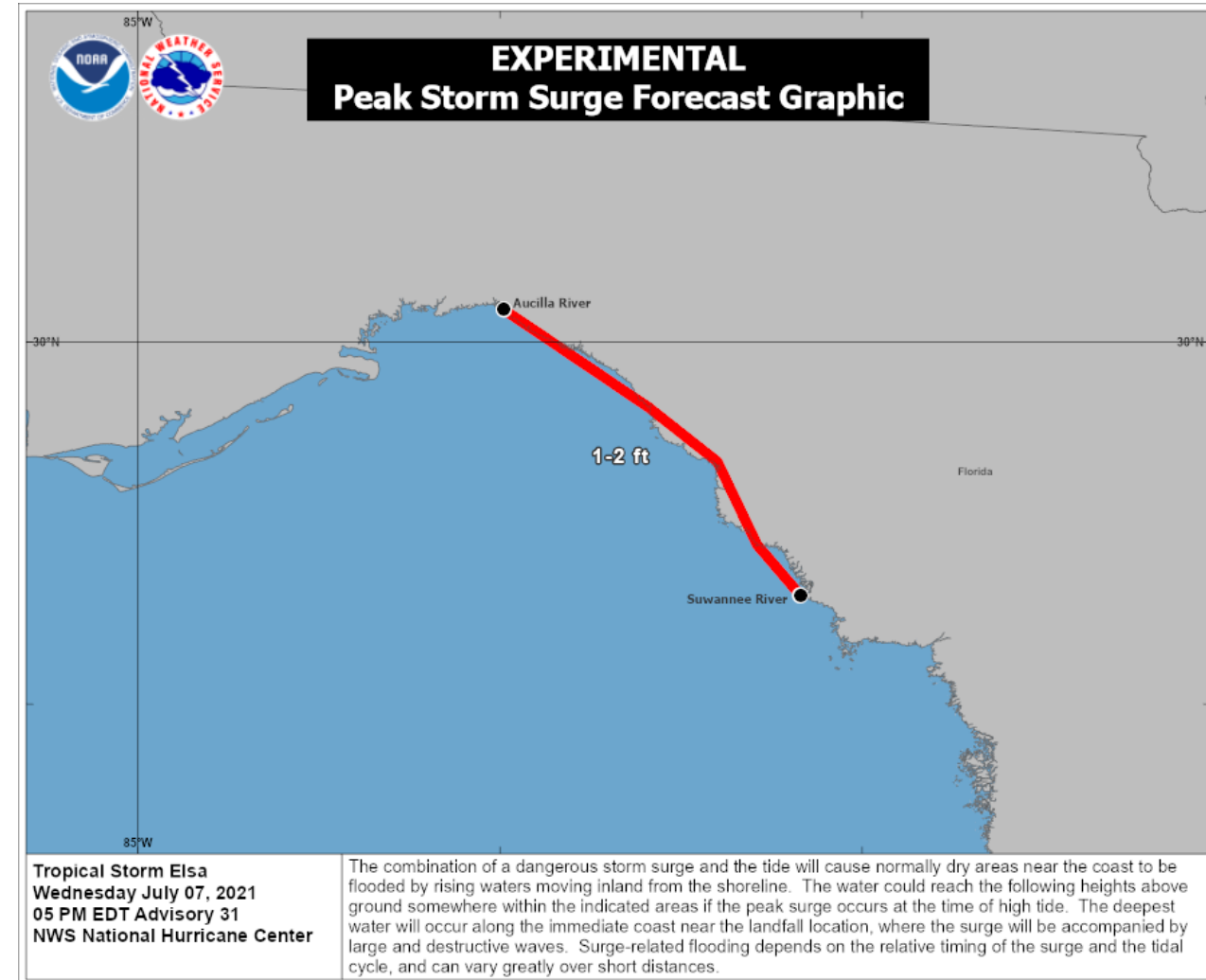
# Surge Watches and Warnings

In Effect Until Further Notice

All Storm Surge Warnings have been cancelled. Tides may run 1-2' above normal in the Big Bend and West Coast overnight.

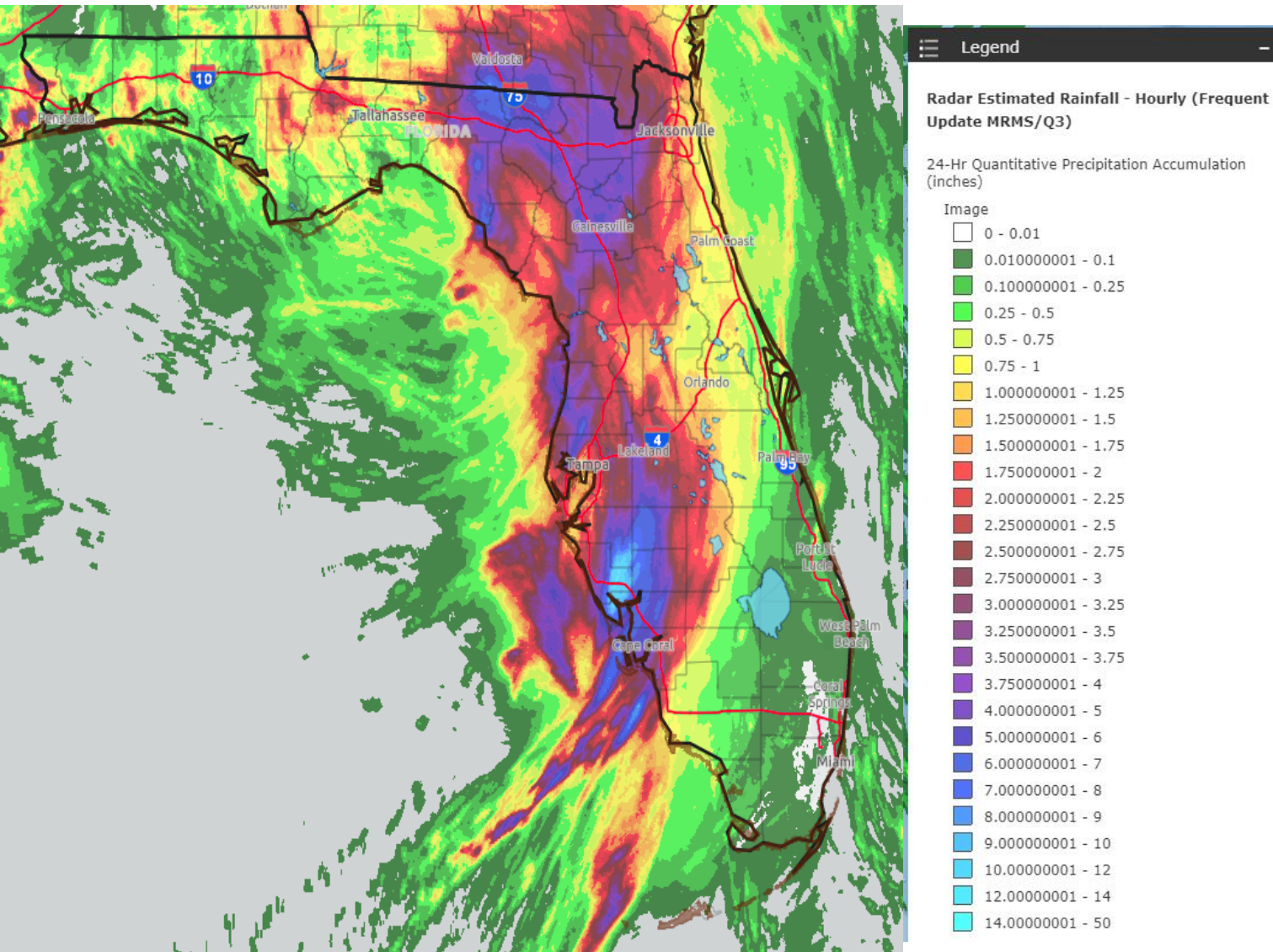
See the Coastal Flood Advisory for more details:

<https://forecast.weather.gov/wamap/wwatxtget.php?cwa=tbw&wwa=coastal%20flood%20advisory>





# Rainfall Accumulation Past 24 Hours

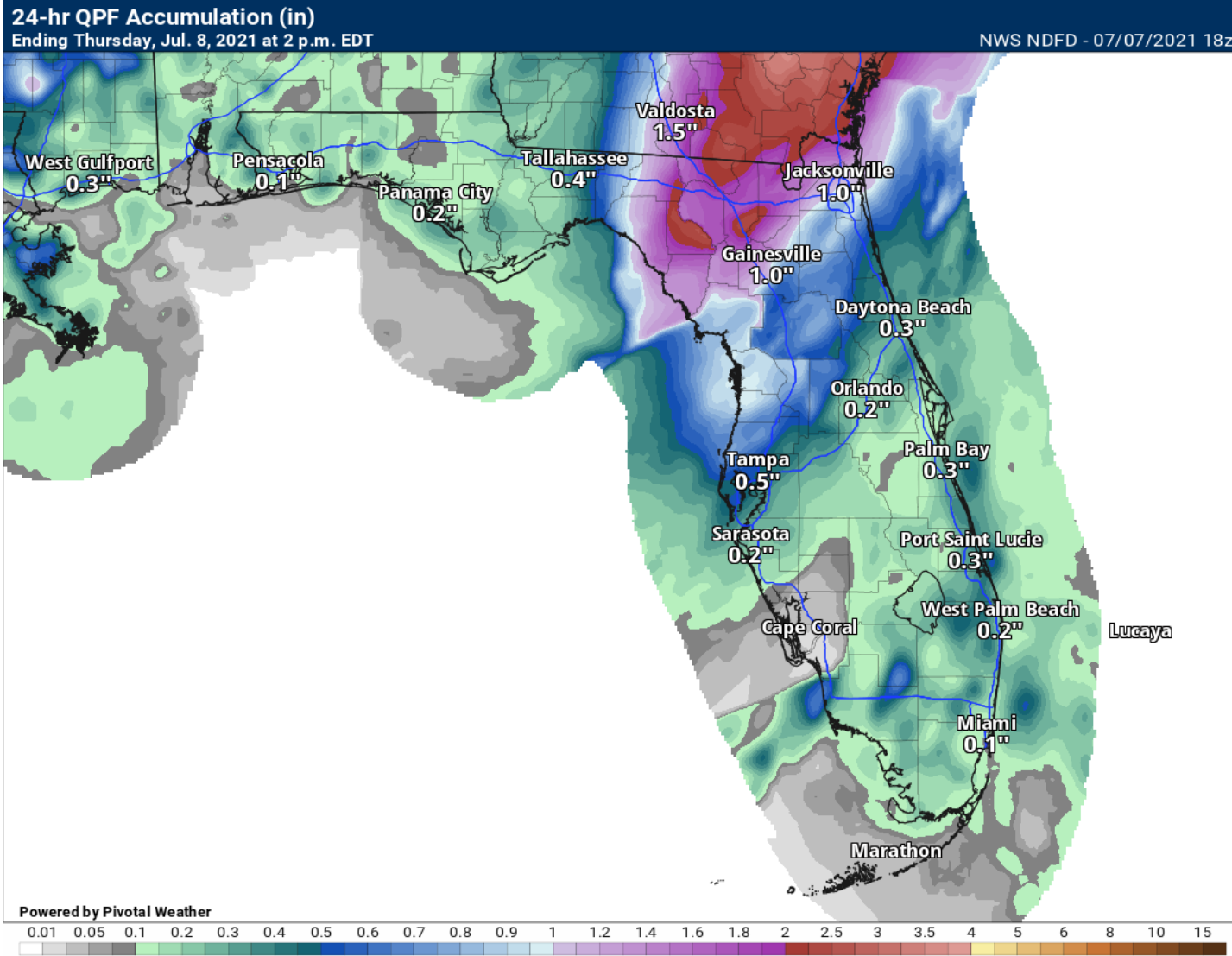


- Widespread 3-6" observed over Southwest, West Central, and Northeast Florida
- Locally higher amounts up to 10" estimated from Lee County to Manatee County



# Forecast Rainfall Totals Overnight

Ending 2 PM ET Thursday



An additional 1-3" of rain is possible this evening and overnight in Northeast Florida.

Rainfall will be isolated across the rest of the state, but local areas could pick up 1"+





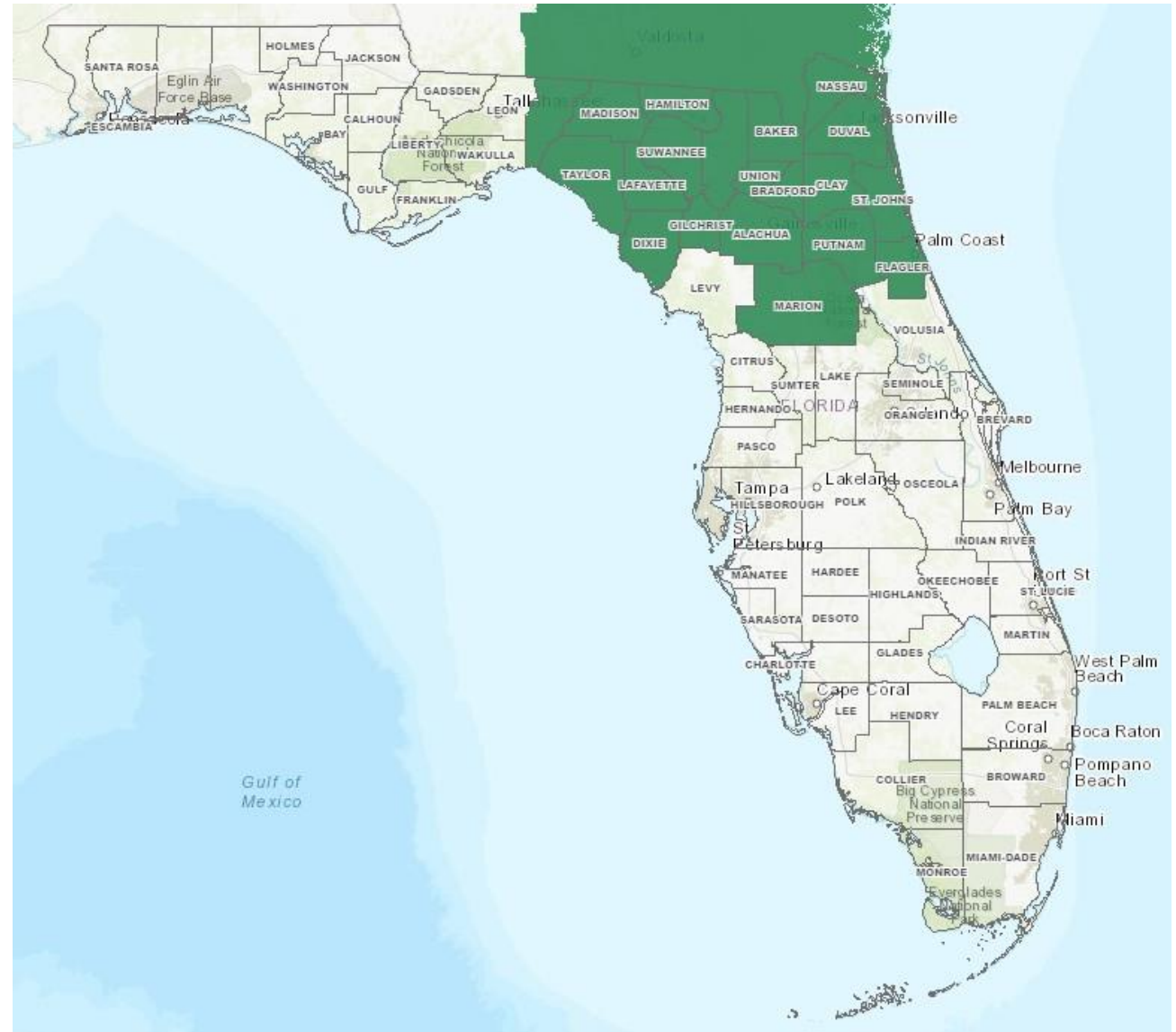
# Flood Watches

[NWS Jacksonville](#) | [NWS Tallahassee](#)

## Flood Watch:

- **Continues Until Late tonight:** Northeast Florida and the eastern Big Bend

**It has been cancelled for the West Coast and Orlando area.**



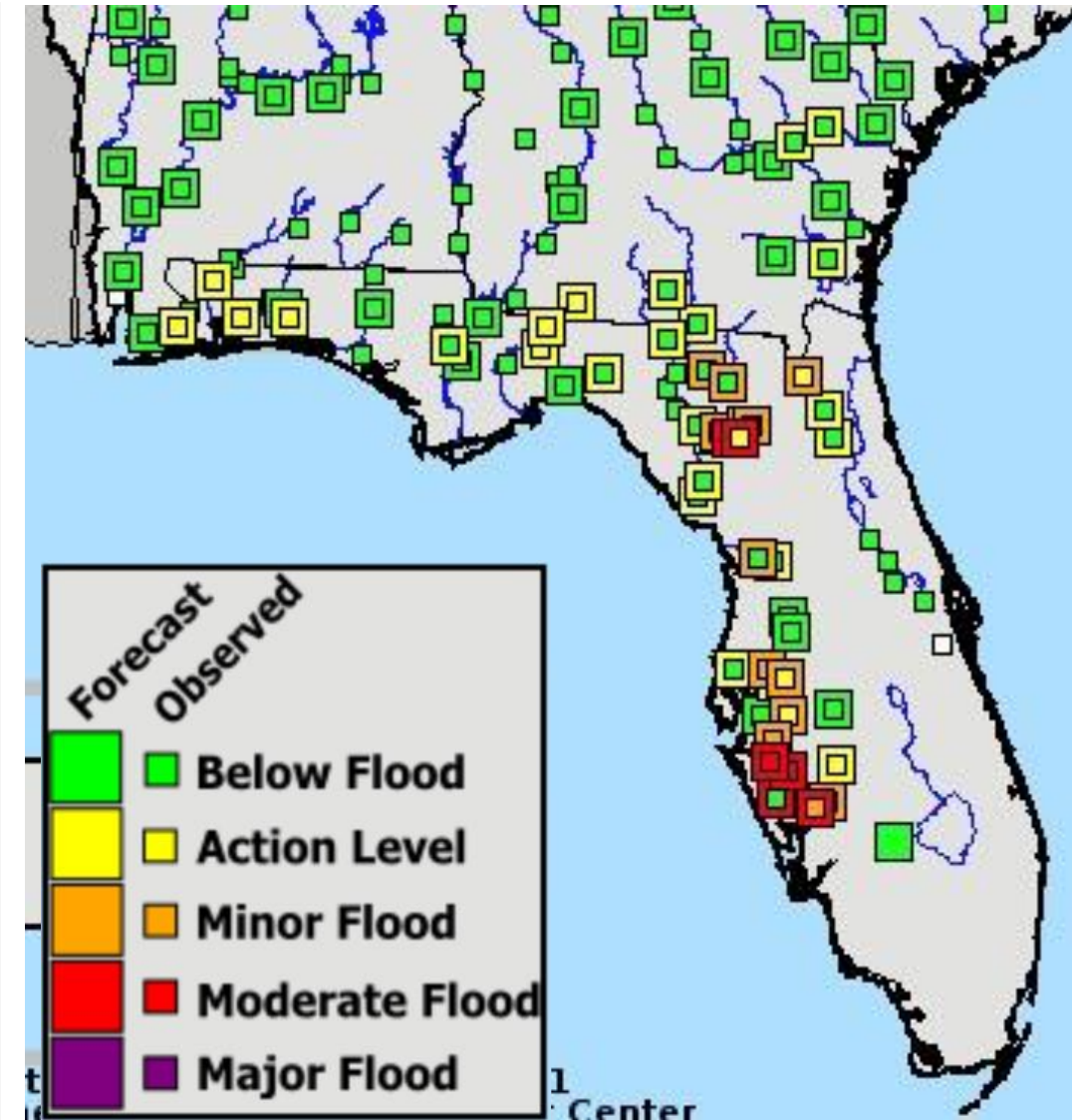


# Current & Forecast River Flooding

More details on river levels available at the [Southeast River Forecast Center website](#).

- [St. Marys River near Macclenny](#) - **MINOR**
- [Suwannee River at White Springs](#) – **MINOR**
- [Suwannee River near Suwannee Springs](#) - **MINOR**
- [Santa Fe River at Worthington Springs](#) - **MINOR**
- [Santa Fe River at O'leno State Park](#) – **MINOR**
- [Santa Fe River near High Springs](#) – **MODERATE**
- [Santa Fe River near Fort White](#) – **MODERATE**
- [Santa Fe River at Three River Estates](#) – **MINOR**
- [Withlacoochee River at Dunnellon](#) - **MINOR**
- [Cypress Creek at Worthington Gardens](#) – **MINOR**
- [Hillsborough River near Zephyrhills](#) - **MINOR**
- [Alafia River at Lithia](#) – **MINOR**
- [Horse Creek near Arcadia](#) – **MODERATE**
- [Little Manatee River near Wimauma](#) - **MINOR**
- [Manatee River near Myakka Head](#) – **MODERATE**
- [Manatee River at Rye Bridge](#) - **MODERATE**
- [Myakka River at Myakka River State Park](#) – **MODERATE**
- [Peace River at Arcadia](#) – **MINOR**

Handful of smaller streams and creeks are also in flood stage





# Atlantic Basin Outlook from NHC



## Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



Current Disturbances and Five-Day Cyclone Formation Chance: < 40% 40-60% > 60%

Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane

Post-Tropical Cyclone or Remnants





# Overall Summary

## Tropical Storm Elsa

- The center of Elsa is near Valdosta, GA, and moving to the north at 14 mph. Elsa remains a tropical storm with maximum sustained winds near 45 mph. Elsa will continue moving north or north-northeast tonight and away from the state.

## Florida Outlook:

- Trailing strong rain bands are expected to continue to affect portions of Northeast Florida until around midnight.
- **Tropical Storm Warnings** are in effect for Madison, Hamilton, and inland Nassau Counties. It has been cancelled for all other counties.
- Storm Surge Warnings have been **cancelled**. Tides will run 1-2' above normal in the Big Bend tonight.
- A **Tornado Watch** for Hamilton, Columbia, Baker, Bradford, Union, Clay, St. Johns, Duval, and Nassau counties will expire at 8pm. An additional tornado watch is not expected.
- **Flood Watches** remain in effect for Northeast Florida, but should expire tonight.
- **Flood Warnings** have been issued for many counties across Northeast and Southwest Florida due to standing water from heavy rainfall today. They will continue through this evening.
- **River Flood Warnings** are also in effect for several West Central and Northeast Florida rivers, which will crest in minor to moderate flood stage between today and early next week. Horse Creek, the Manatee River, Myakka River, and Santa Fe River will have crests at Moderate Stage.
- Dangerous rip currents are expected at all Florida beaches through tomorrow.

No additional tropical development is expected within the next 5 days.

The next briefing packet will be issued Thursday morning and focus on the river flooding. For the latest information on the tropics, please visit the National Hurricane Center website at [www.hurricanes.gov](http://www.hurricanes.gov).



# TROPICAL UPDATE



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State Meteorological Support Unit

Florida Division of Emergency Management

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