



TROPICAL UPDATE



12:00 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.

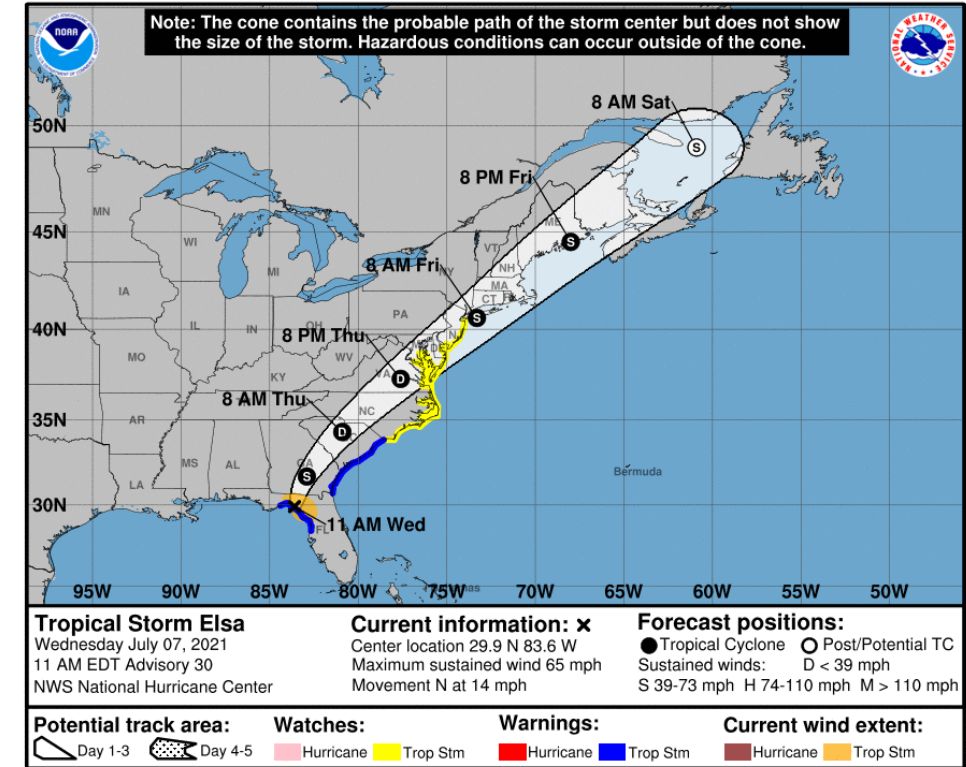


Tropical Storm Elsa

11 AM ET Wednesday: Florida Threats & Changes Since Last Packet

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

National Hurricane Center Map



Overview/Recent Changes:

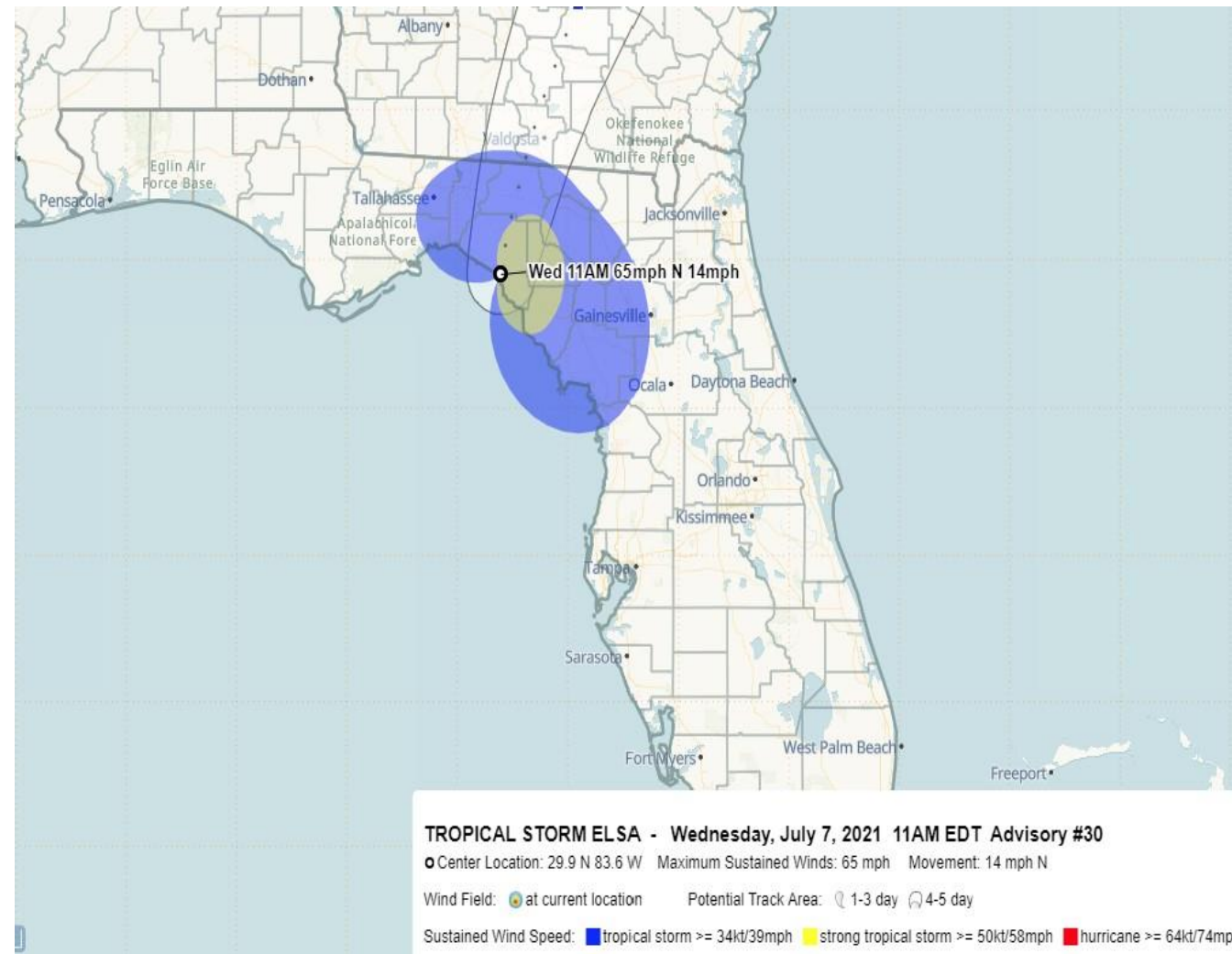
Elsa made landfall in Taylor County around 11 AM ET as a Tropical Storm with maximum sustained winds around 65 mph. All hurricane warnings have been cancelled, with tropical storm watches and warnings cancelled in Southwest Florida. Impacts continue in Northeast Florida through this afternoon.



Official Forecast Track – Elsa

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

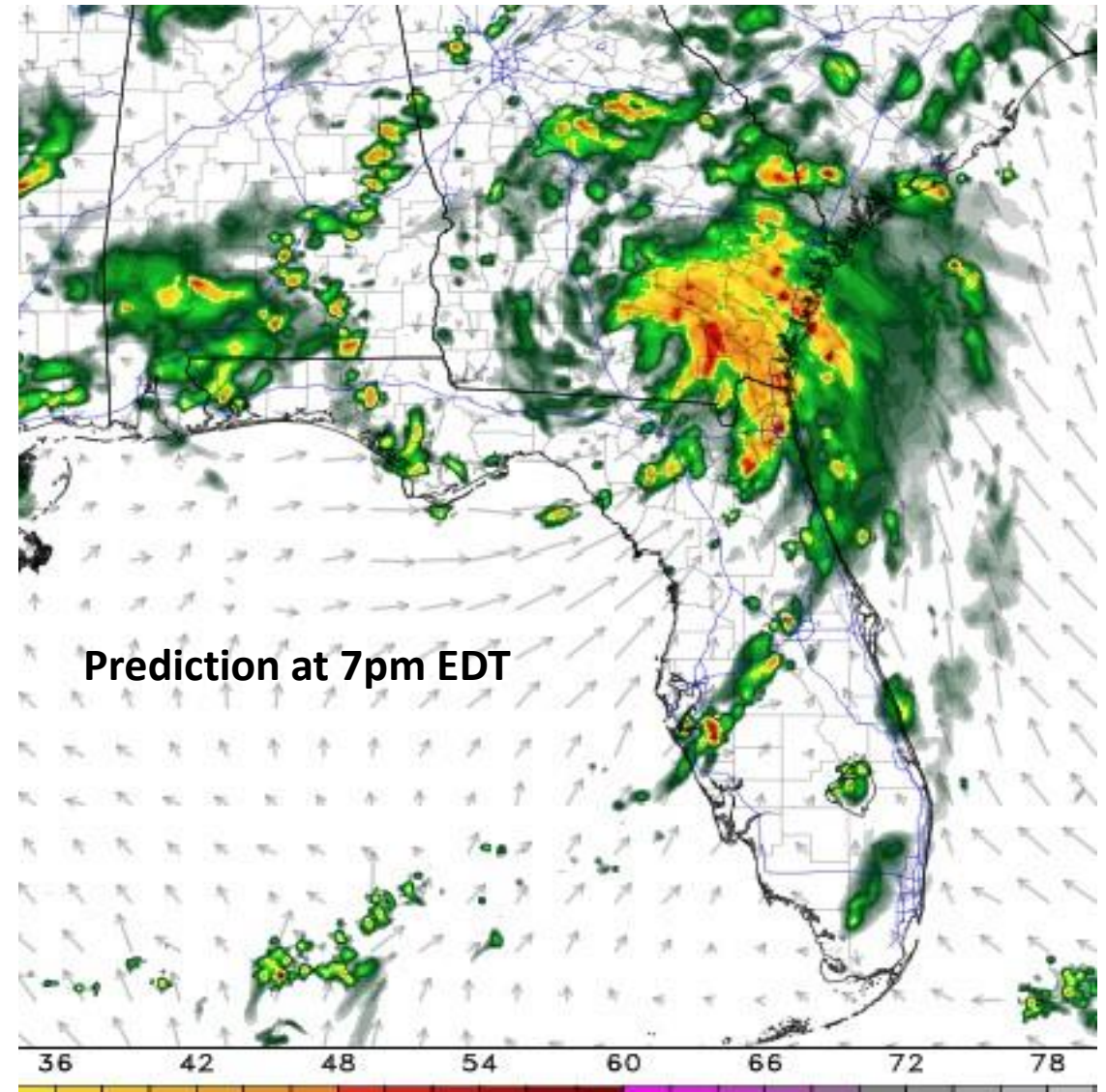
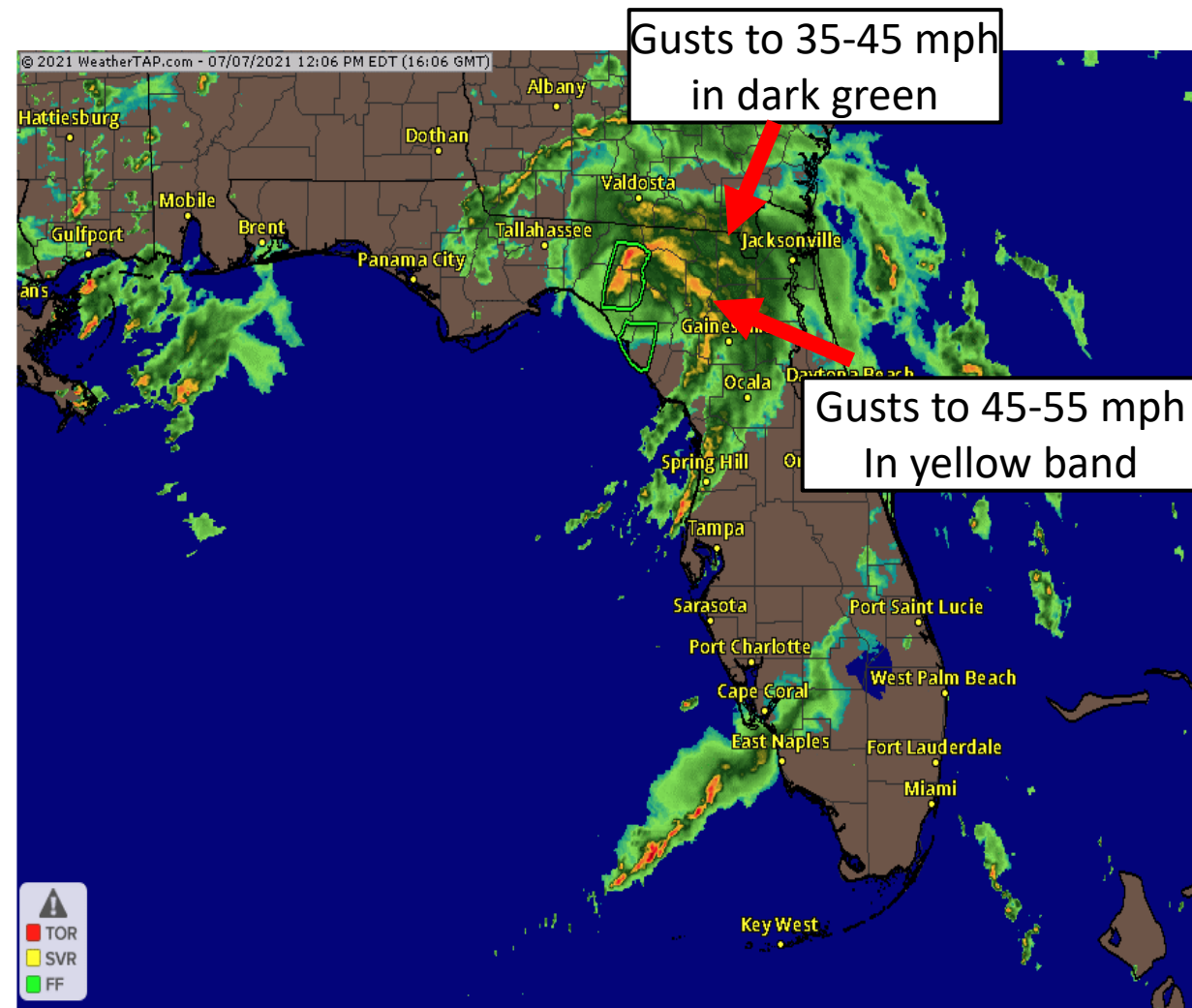
- The center of Elsa is near Steinhatchee, and moving to the north at 14 mph.
- Elsa remains a tropical storm with maximum sustained winds near 65 mph.
- Elsa will continue moving north or north-northeast today and then northeast tonight after it exits the state.
- Trailing strong rain bands are expected to continue to affect portions of Central and Southwest Florida through this afternoon and portions of Northeast Florida until around midnight.





Current and Forecast Florida Radar

As of 12:00 PM ET





Damaging Wind Threat Overview

Tropical Storm Elsa

The greatest wind threat is along the immediate coast of the eastern Big Bend where gusts of 50-60 mph are possible.

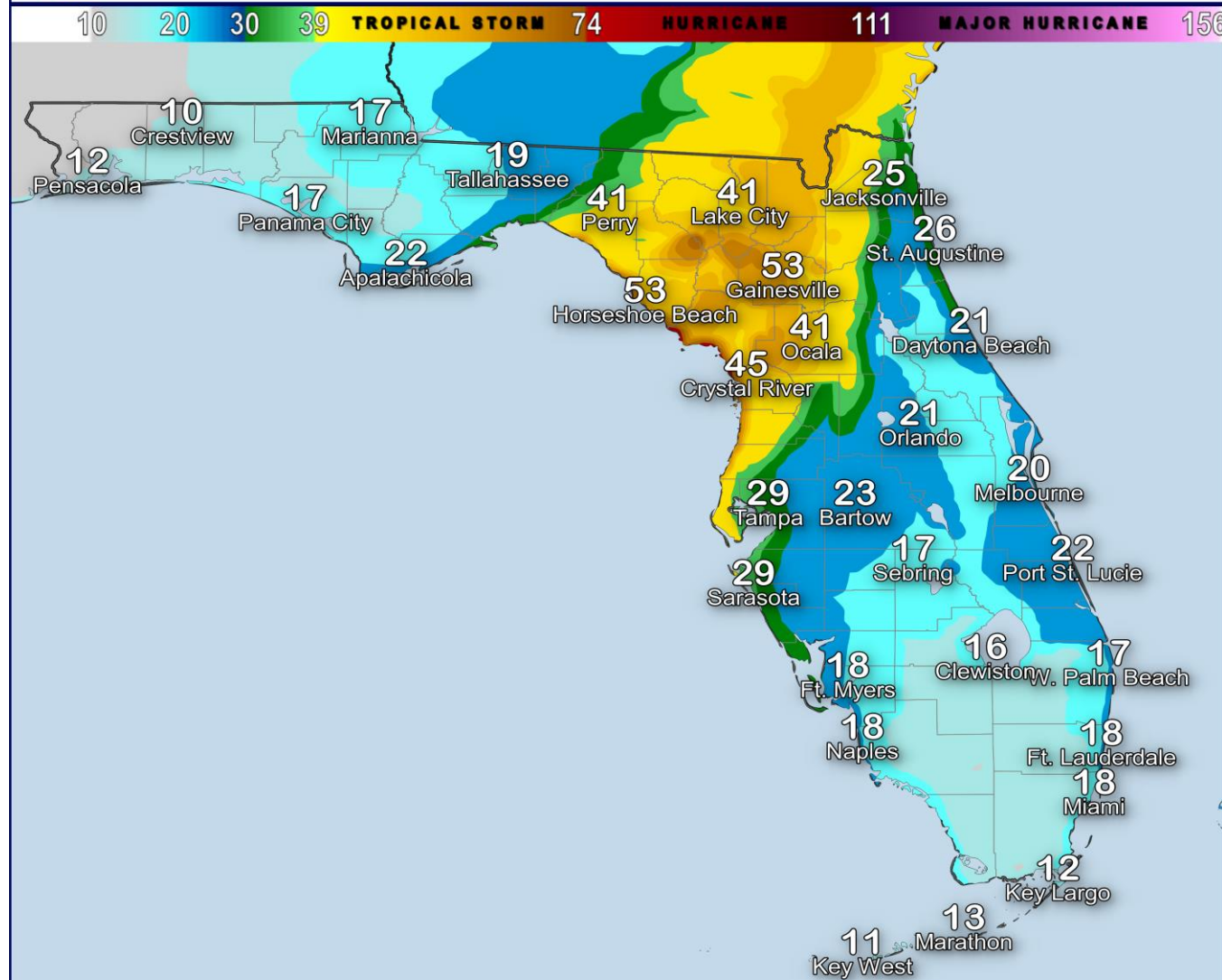
Inland Northeast Florida could see winds of 35-45 mph with gusts up of 55 mph.

Other locations could see wind gusts of 20-30mph, primarily in the outer bands.



Maximum Wind Gusts: Wednesday

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





Wind Watches and Warnings

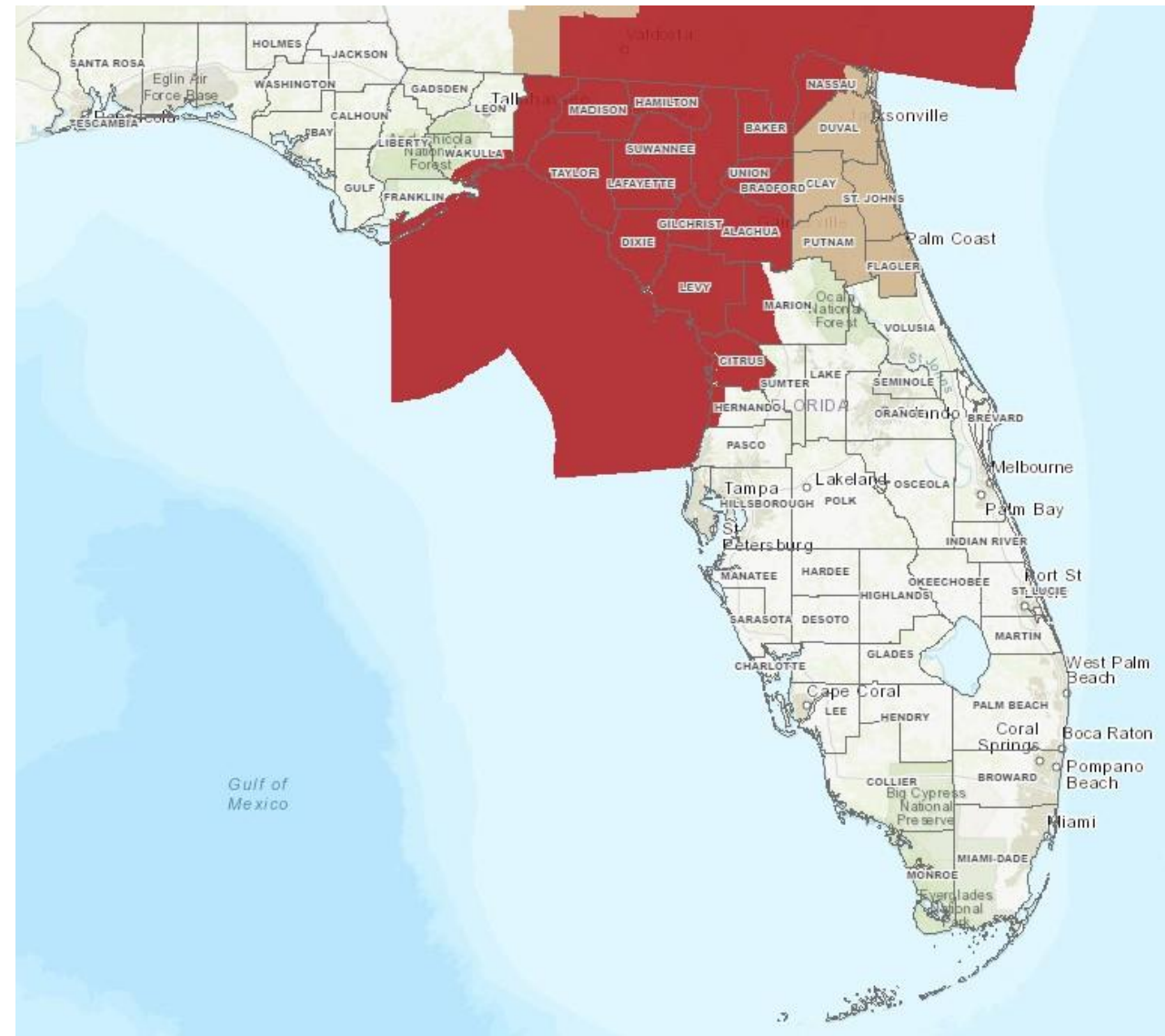
In Effect Until Further Notice

Tropical Storm Warnings:

- Coastal Hernando, Citrus, Levy, western Marion, Dixie, Taylor, Jefferson, coastal Wakulla, Madison, Hamilton, Suwannee, Lafayette, Gilchrist, Alachua, Columbia, Baker, Union, Bradford, inland Nassau

Wind Advisories: (gusts of 30-40 mph)

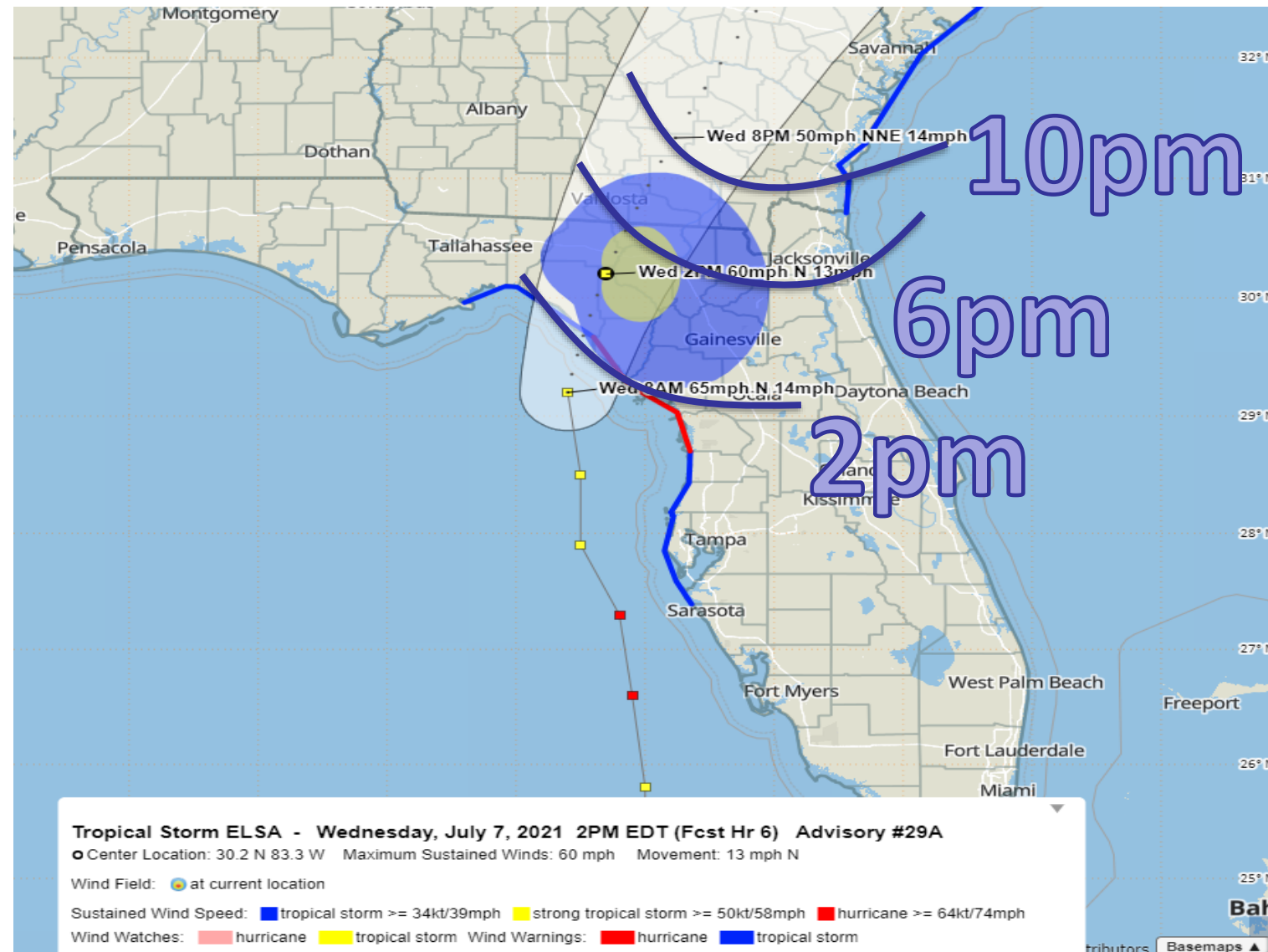
- Coastal Nassau, Duval, Clay, St. Johns, Putnam, Flagler





Time of Wind Departure

Based on current forecast – Periodic gusts in trailing bands possible through tonight



Reports Overview

Deterministic Wind Timing

ELSA #29A

07/07/2021, 8:00 am

The purpose of the wind timing table is to show when specific wind thresholds are expected to be exceeded at a particular location.

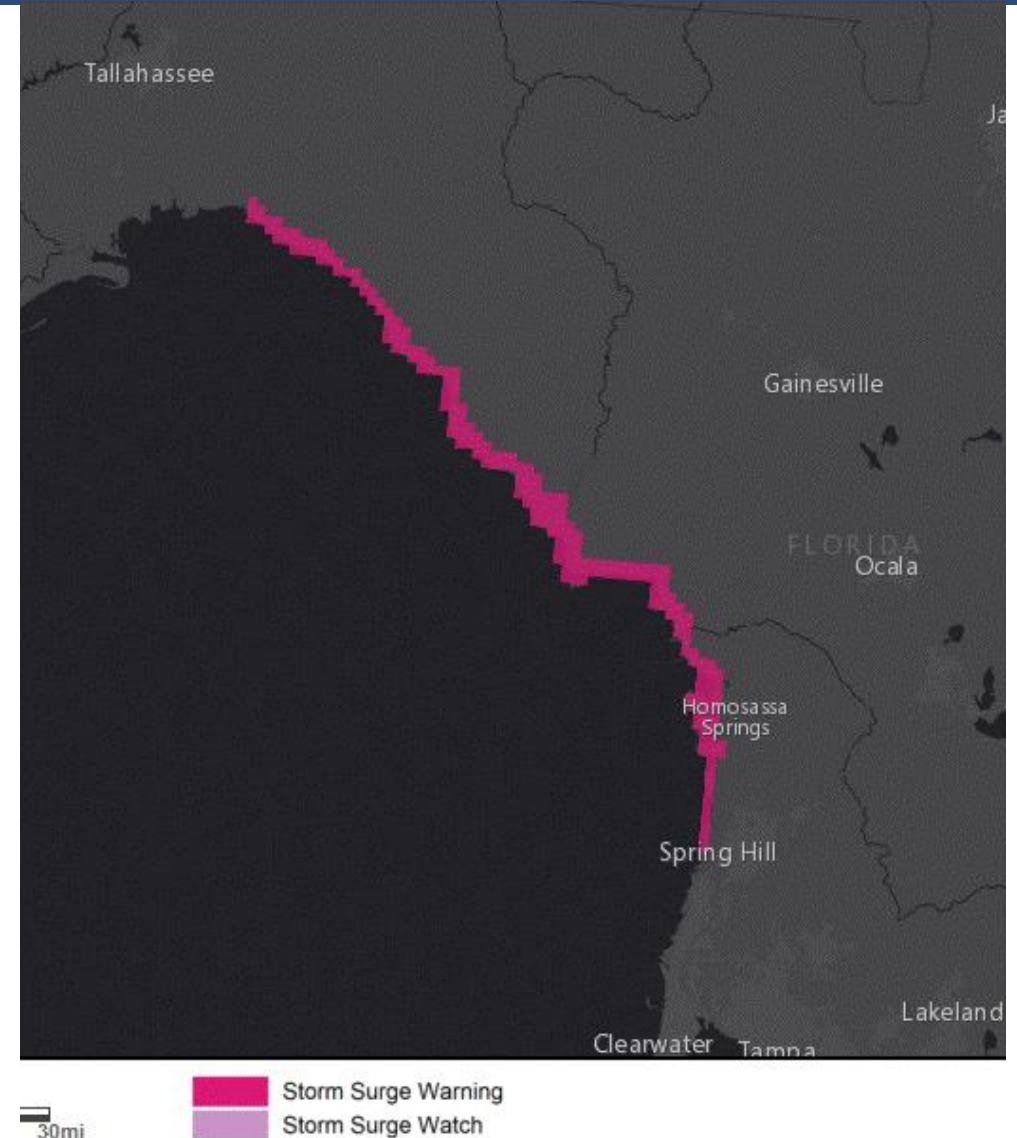
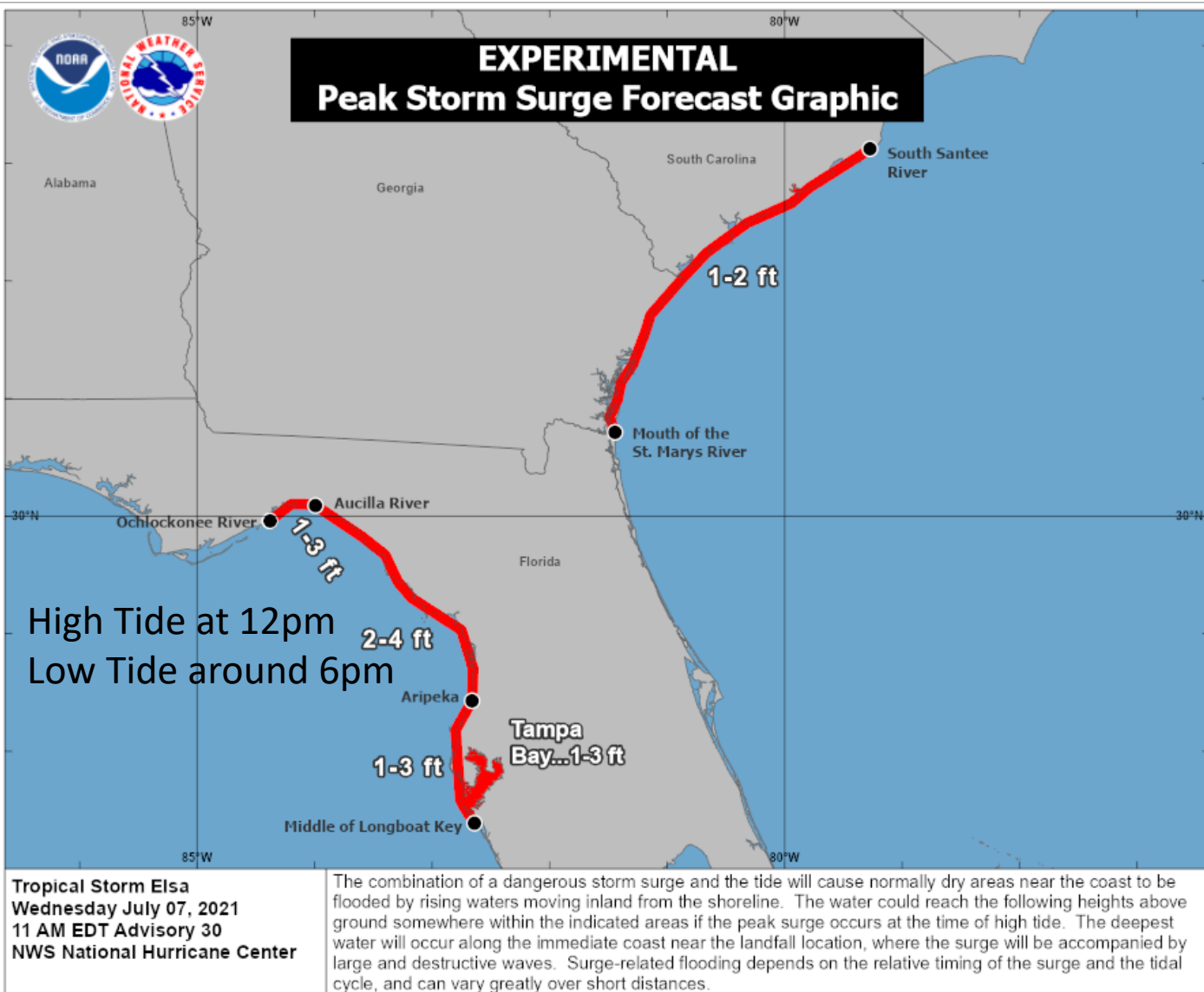
Displaying data in FL for: Counties

Location			Tropical Storm (34kt/39mph)		Strong TS (50kt/58mph)	
TY...	TITLE	ST	Start(hrs)	End(hrs)	Start(hrs)	End(hrs)
County	Alachua	FL	07/07 7am(2)	07/07 6pm(13)	n/a	n/a
County	Baker	FL	07/07 11am(6)	07/07 9pm(16)	n/a	n/a
County	Bradford	FL	07/07 11am(6)	07/07 6pm(13)	n/a	n/a
County	Citrus	FL	Existing	07/07 1pm(8)	n/a	n/a
County	Clay	FL	07/07 3pm(10)	07/07 6pm(13)	n/a	n/a
County	Columbia	FL	07/07 9am(4)	07/07 9pm(16)	07/07 2pm(9)	07/07 3pm(10)
County	Dixie	FL	Existing	07/07 5pm(12)	07/07 8am(3)	07/07 3pm(10)
County	Duval	FL	07/07 3pm(10)	07/07 6pm(13)	n/a	n/a
County	Gilchrist	FL	07/07 6am(1)	07/07 6pm(13)	07/07 11am(6)	07/07 2pm(9)
County	Hamilton	FL	07/07 10am(5)	07/07 9pm(16)	07/07 1pm(8)	07/07 3pm(10)
County	Hernando	FL	Existing	07/07 12pm(7)	n/a	n/a
County	Hillsborough	FL	Existing	07/07 9am(4)	n/a	n/a
County	Jefferson	FL	07/07 11am(6)	07/07 5pm(12)	n/a	n/a
County	Lafayette	FL	07/07 7am(2)	07/07 6pm(13)	07/07 11am(6)	07/07 3pm(10)
County	Levy	FL	Existing	07/07 4pm(11)	07/07 8am(3)	07/07 1pm(8)
County	Madison	FL	07/07 10am(5)	07/07 7pm(14)	07/07 1pm(8)	07/07 3pm(10)
County	Manatee	FL	Existing	07/07 6am(1)	n/a	n/a
County	Marion	FL	Existing	07/07 3pm(10)	n/a	n/a
County	Nassau	FL	07/07 3pm(10)	07/07 10pm(17)	n/a	n/a
County	Pasco	FL	Existing	07/07 10am(5)	n/a	n/a
County	Pinellas	FL	Existing	07/07 9am(4)	n/a	n/a
County	Polk	FL	Existing	07/07 6am(1)	n/a	n/a
County	Sumter	FL	Existing	07/07 12pm(7)	n/a	n/a
County	Suwannee	FL	07/07 8am(3)	07/07 7pm(14)	07/07 12pm(7)	07/07 3pm(10)
County	Taylor	FL	07/07 6am(1)	07/07 5pm(12)	07/07 10am(5)	07/07 3pm(10)
County	Union	FL	07/07 10am(5)	07/07 7pm(14)	n/a	n/a



Surge Watches and Warnings

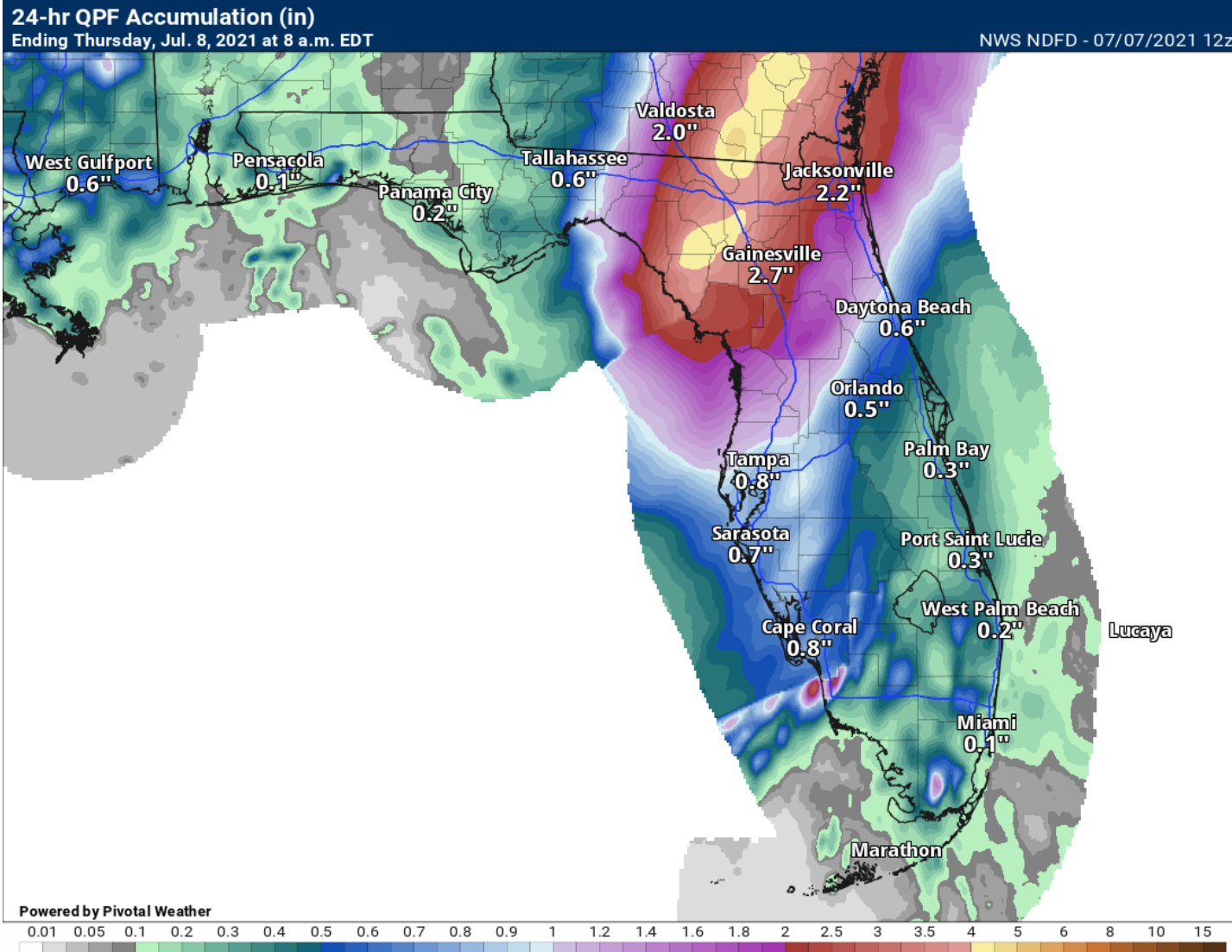
In Effect Until Further Notice





Rainfall Totals Next 24 Hours

Ending 8 AM ET Thursday



Through the next 12 hours, additional rainfall totals of 2-4" are expected across Northeast Florida, Suwannee Valley and eastern Big Bend with localized totals of 6-8" possible.

Rainfall totals will be less south of I-4 around 0.5-2".

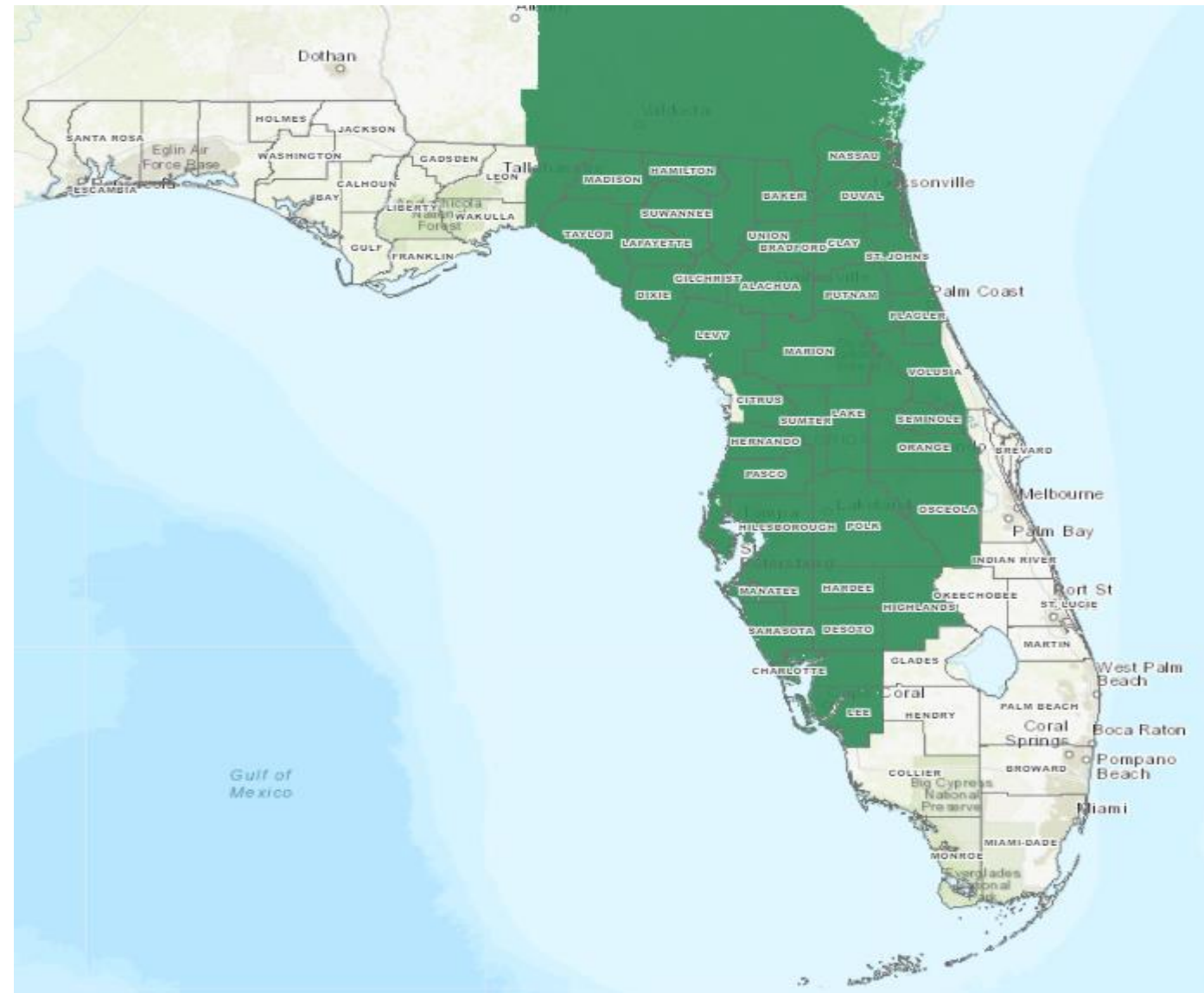


Flood Watches

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

Flood Watch:

- **Continues Until Late Wednesday afternoon and evening:** All of Northeast Florida, the West Coast, the eastern Big Bend, and Orlando metro area.





Severe Weather Outlook Wednesday

From the Storm Prediction Center

5 - High

Widespread severe storms expected

4 - Moderate

Widespread severe storms likely

3 - Enhanced

Numerous severe storms possible

2 - Slight

Scattered severe storms possible

1 - Marginal

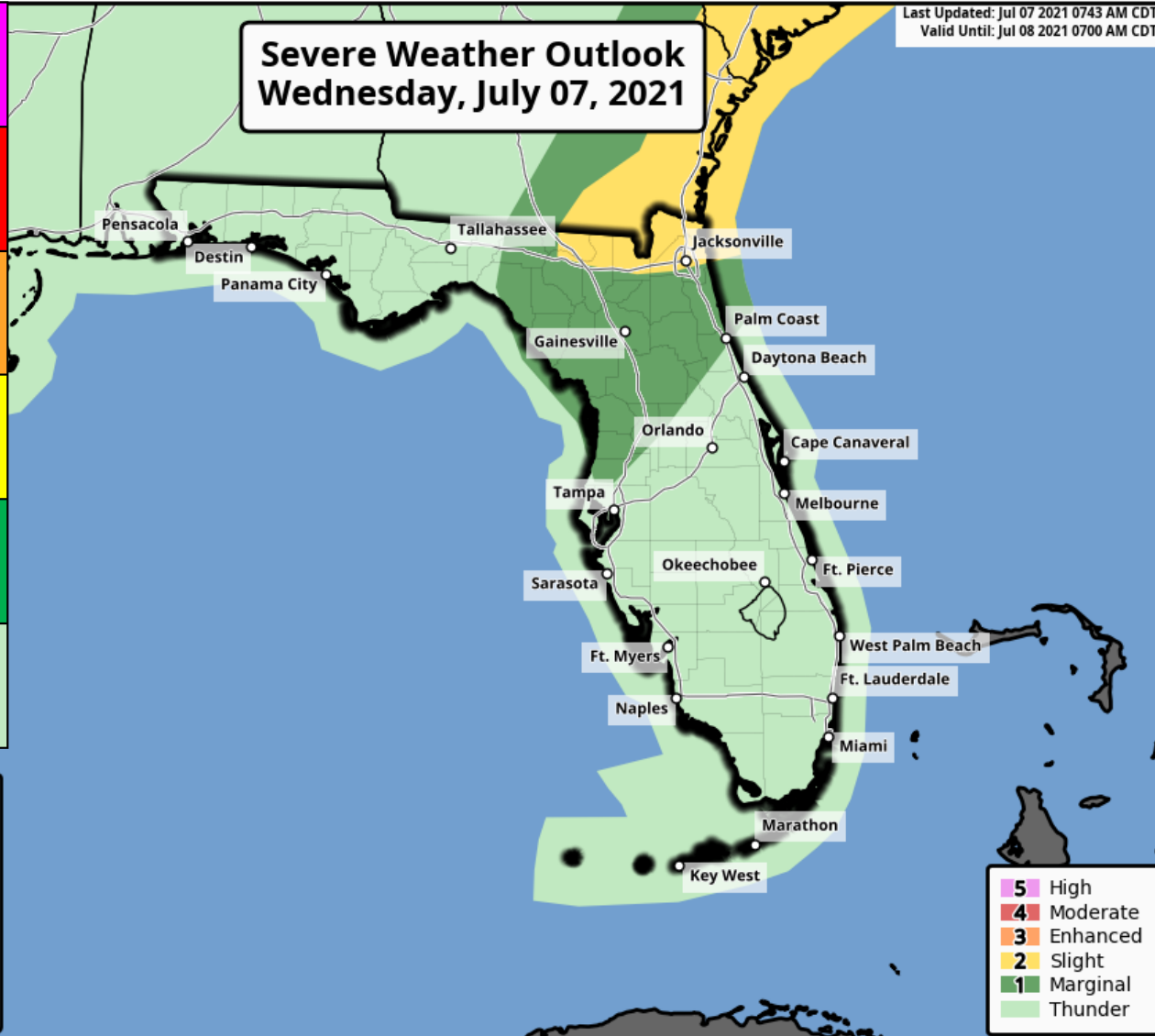
Isolated severe storms possible

Thunderstorms

No severe storms expected

Severe Weather Outlook Wednesday, July 07, 2021

Last Updated: Jul 07 2021 0743 AM CDT
Valid Until: Jul 08 2021 0700 AM CDT



As the outer bands from Elsa move across Northeast Florida today, there is the potential for tornadoes.

1 - MARGINAL (MRGL)

Isolated severe
thunderstorms
possible

Limited in duration
and/or coverage
and/or intensity

2 - SLIGHT (SLGT)

Scattered
severe storms
possible

Short-lived and/or
not widespread,
isolated intense
storms possible



National Weather Service
Storm Prediction Center
<http://www.spc.noaa.gov>



Tornado Watch

In Effect Until 1 PM ET



Tornado Watch:

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



Tornado Watch # 341 - Valid from 645 AM until 100 PM EDT

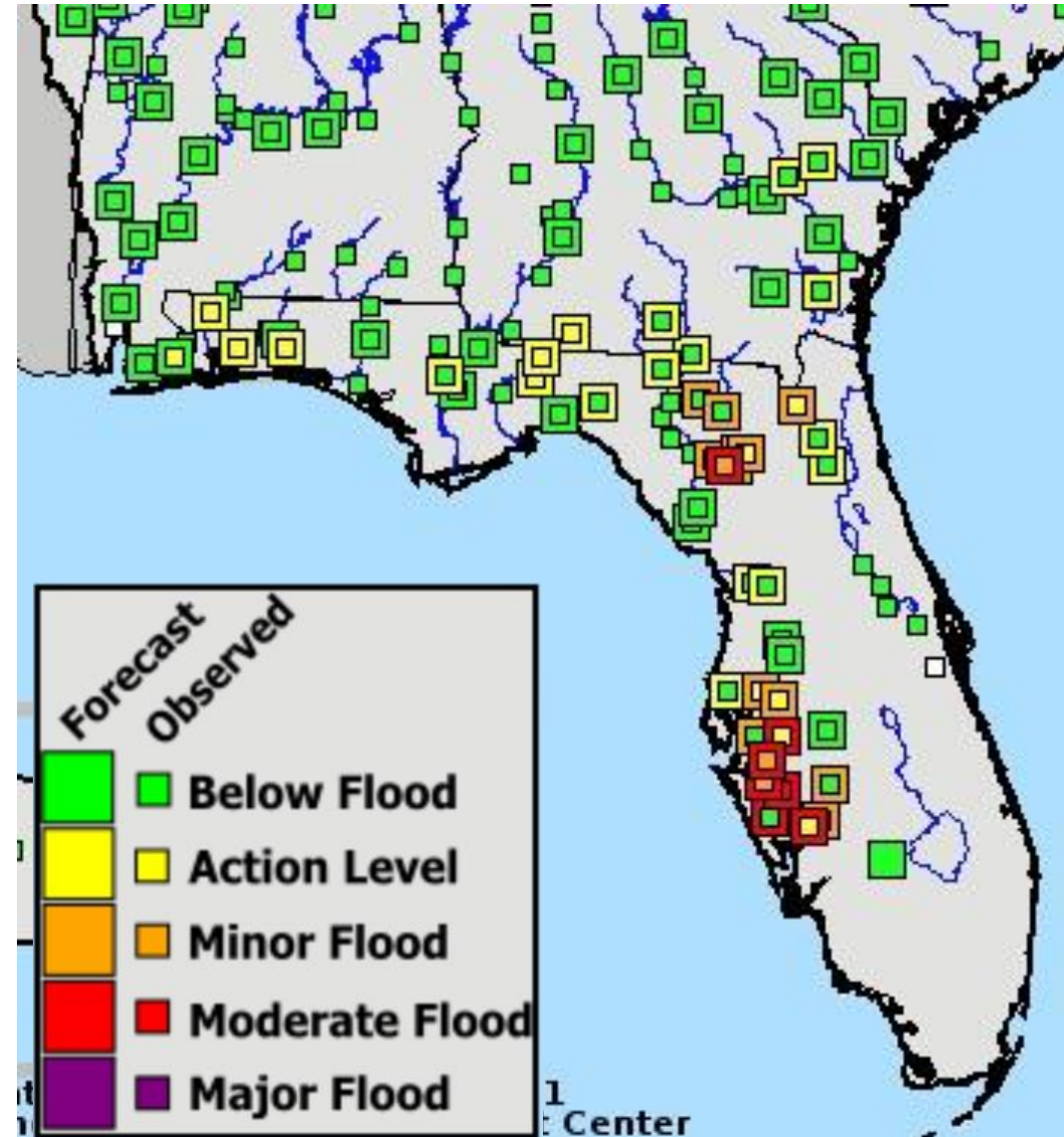


Current & Forecast River Flooding

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

Rivers Currently in or Forecast to Reach Flood Stage:

- [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](#) – **MINOR**
- [Santa Fe River near Fort White](#) – **MODERATE**
- [Santa Fe River at Three River Estates](#) – **MINOR**
- [Cypress Creek at Worthington Gardens](#) – **MINOR**
- [Hillsborough River near Zephyrhills](#) - **MINOR**
- [Alafia River at Lithia](#) – **MODERATE**
- [Horse Creek near Arcadia](#) – **MODERATE**
- [Little Manatee River near Wimauma](#) - **MODERATE**
- [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**
- [Peace River at Zolfo Springs](#) – **MINOR**





Overall Summary

Tropical Storm Elsa

- At 11:00 am EDT Wednesday, Tropical Storm Elsa made landfall in Taylor County near Keaton Beach with maximum winds of 65mph.
- Elsa is moving to the north at 14 mph and the center of the storm is forecast to exit the state this afternoon and move into Georgia and the Carolinas through Thursday.

Florida Outlook:

- Impacts will continue through this afternoon along the Gulf Coast, but should wane this evening and tonight.
- **Hurricane Warnings** for the Florida Big Bend coast have been **cancelled**.
- **Tropical Storm Warnings** are in effect for Wakulla, Jefferson, Madison, Taylor, Dixie, Lafayette, Madison, Hamilton, Suwannee, Columbia, Gilchrist, Levy, Citrus, coastal Hernando, western Marion, Alachua, Bradford, Union, Baker and inland Nassau Counties.
- The **Tropical Storm Watch** for Lake County has been cancelled. **Wind Advisories** remain in place for Flagler, Putnam, St. Johns, Clay, Duval and coastal Nassau Counties.
- **Storm Surge Warnings** continue for Taylor, Dixie, Levy, Citrus and Hernando Counties as onshore winds combine with the current high tide cycle to produce inundation of 1-4'.
- The **Tornado Watch** for Hamilton, Suwannee, Columbia, Baker, Union, Bradford, Clay, St. Johns, Duval and Nassau counties will expire at 1pm.
- **Flood Watches** remain in effect for much of North and Central Florida, but should expire tonight.
- **Flood Warnings** have been issued for some counties across the western Peninsula and Suwannee Valley. **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.
- 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 Wednesday afternoon. For the latest information on the tropics, please visit the National Hurricane Center website at www.hurricanes.gov.



TROPICAL UPDATE



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