



TROPICAL UPDATE



11:30 AM EDT

Tuesday, July 6, 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.



National Hurricane Center Map

Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.

Tropical Storm Elsa
 Tuesday July 06, 2021
 11 AM EDT Advisory 25
 NWS National Hurricane Center

Current information: x
 Center location 24.9 N 82.8 W
 Maximum sustained wind 60 mph
 Movement NNW at 10 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

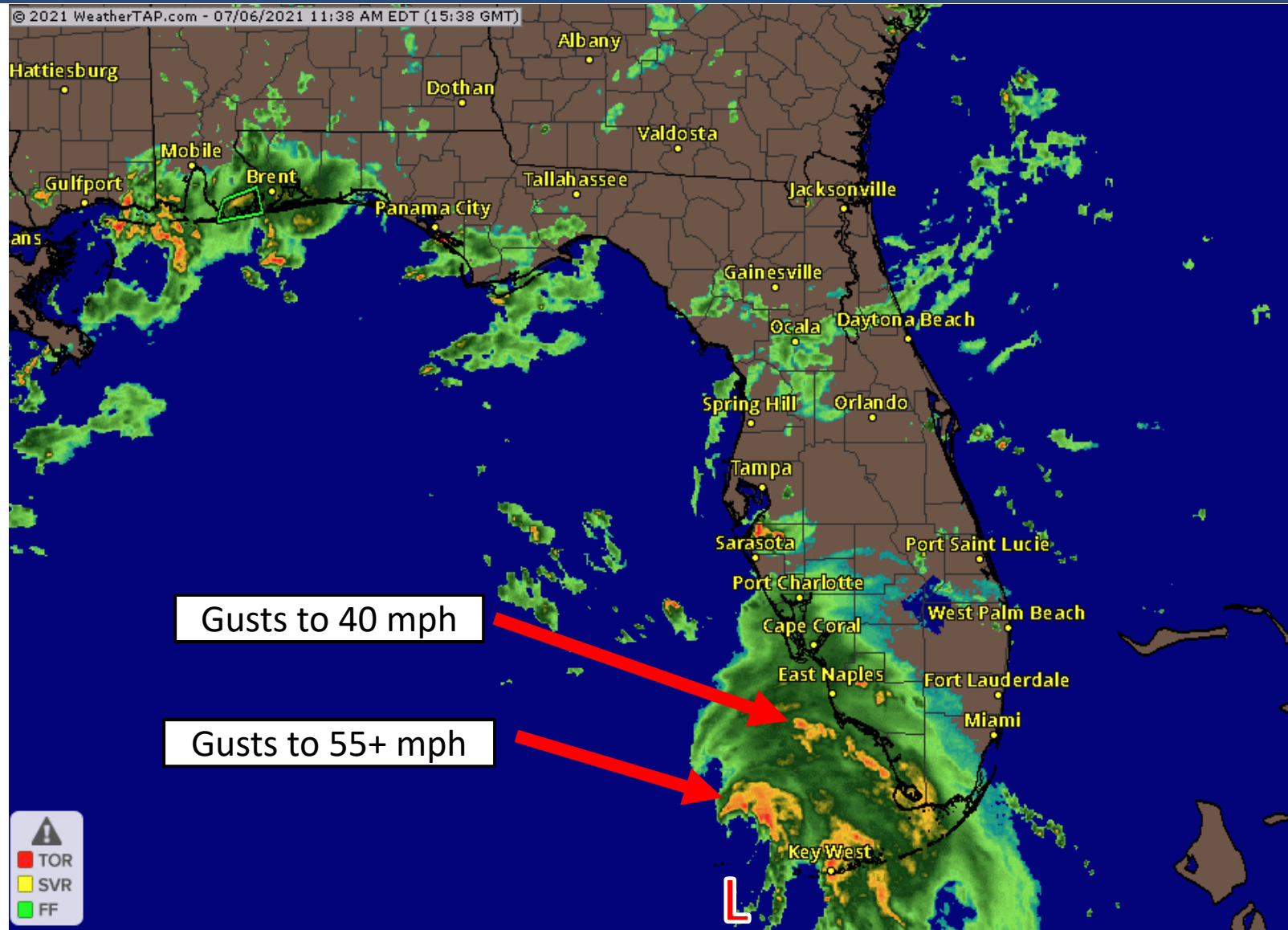
Current wind extent:
 Hurricane Trop Stm

No changes to track or intensity forecast. Additional Tropical Storm Watches and Warnings have been issued for inland portions of Northeast Florida. Elsa is making its closest approach to Key West at this time.



Current Florida Radar

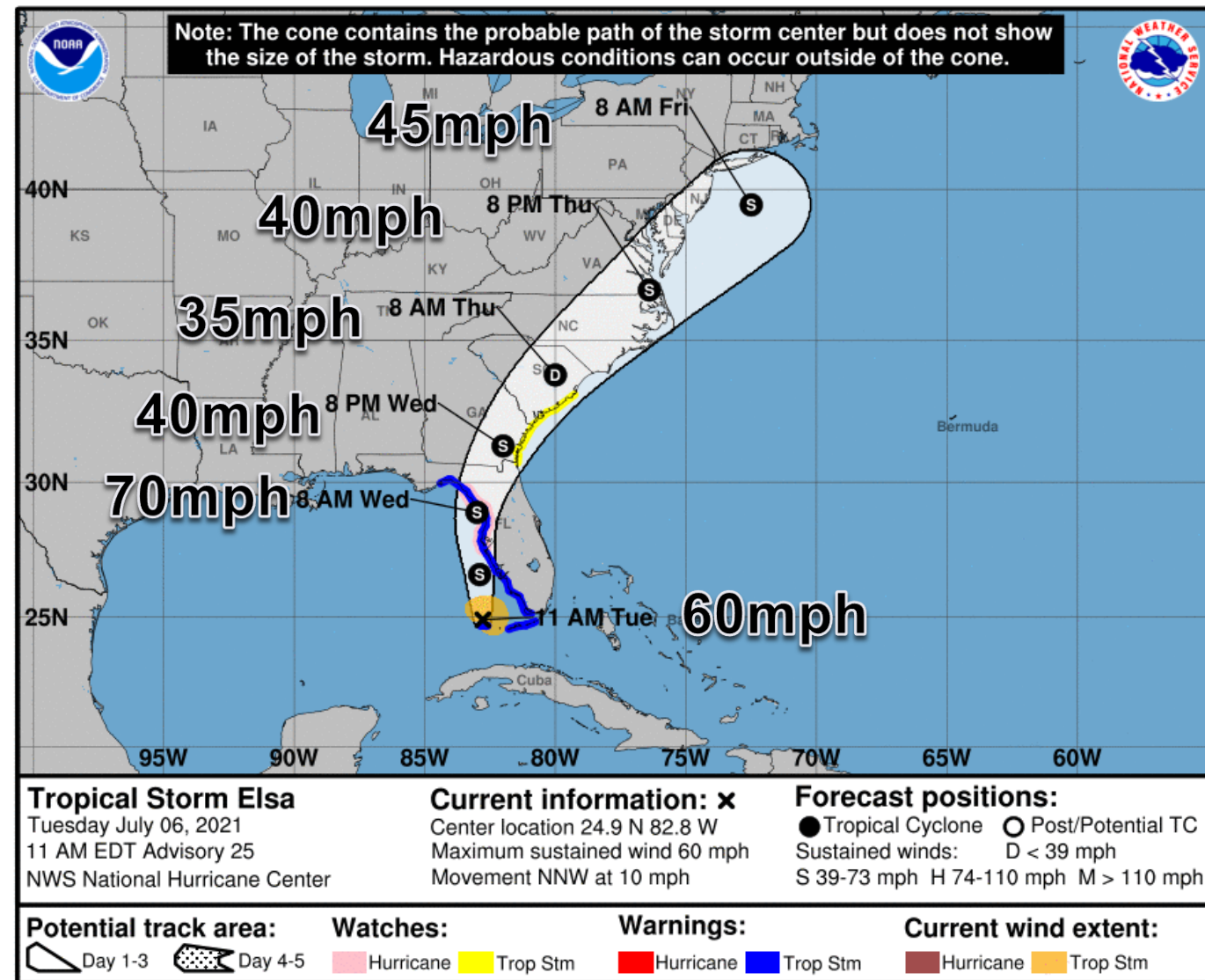
As of 11:30 AM ET





Official Forecast Track – Elsa

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



- The center of Elsa is about 65 miles west-northwest of Key West, FL, or near the Dry Tortugas, and moving to the north-northwest at 10 mph.
- Elsa remains a tropical storm with maximum sustained winds near 60 mph.
- Elsa is back over water and will continue northward just offshore of the West Coast of Florida.
- Re-strengthening is now expected, with Elsa near hurricane strength at landfall
- Landfall appears most likely in the eastern Big Bend of Florida or Nature Coast north of/near Tampa Bay.
- The storm will remain lopsided with most of the rainfall to the east of the center impacting the entire West Coast as Elsa moves northward.



Damaging Wind Threat Overview

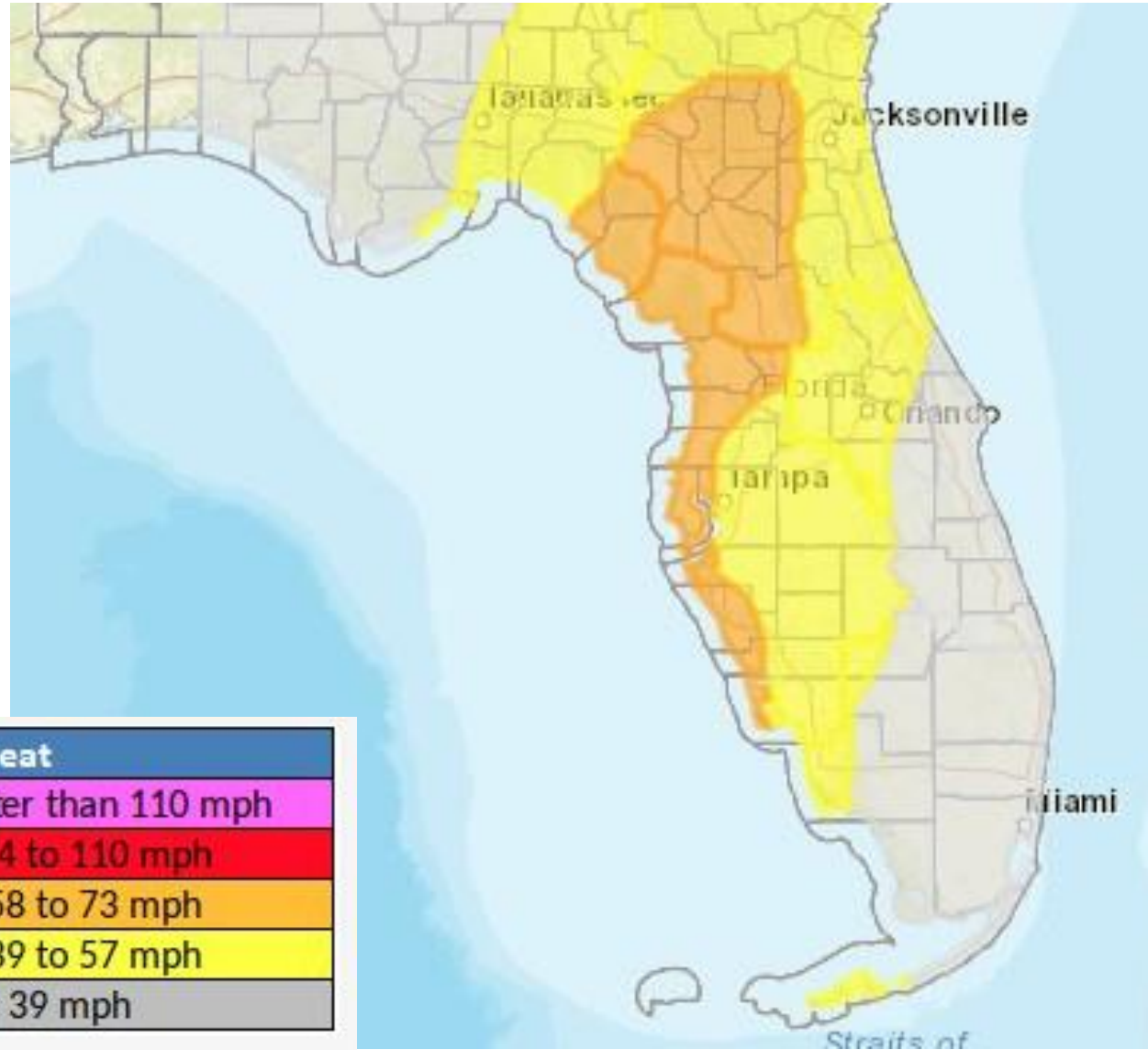
Tropical Storm Elsa

The greatest wind threat is along the immediate West Coast of Florida (west of I-75 and north of Naples) and inland Northeast Florida across the Suwannee Valley.

Still, tropical storm force wind gusts remain possible across any part of state except the Panhandle Tuesday-Wednesday in squalls.

[https://www.weather.gov/srh/tropical?
office=mfl](https://www.weather.gov/srh/tropical?office=mfl)

Click on "Threats and Impacts" Tab



Wind Threat
Potential for wind greater than 110 mph
Potential for wind 74 to 110 mph
Potential for wind 58 to 73 mph
Potential for wind 39 to 57 mph
Wind less than 39 mph



Wind Watches and Warnings

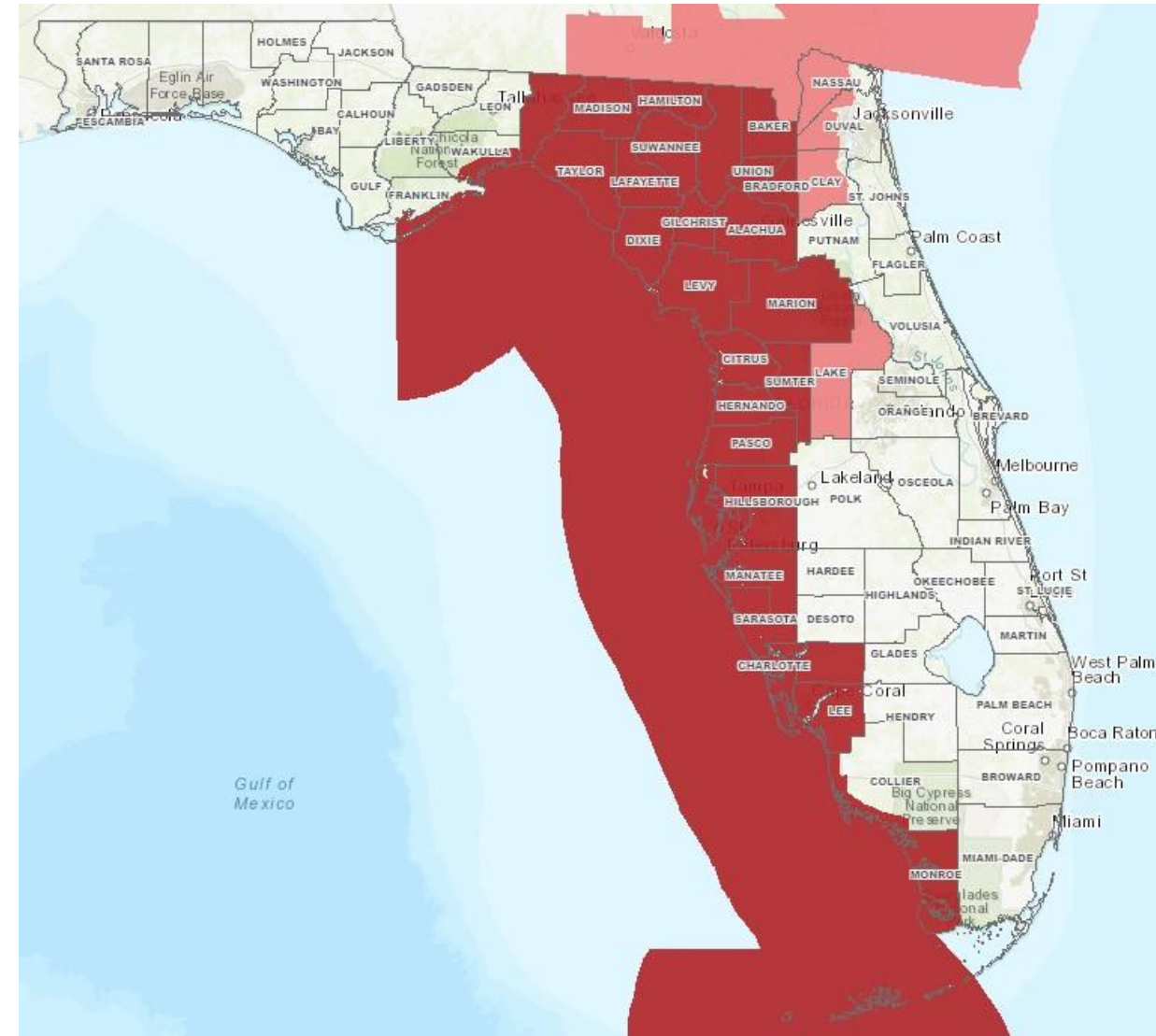
In Effect Until Further Notice

Tropical Storm Warnings:

- Lower & Middle Keys (Craig Key to Dry Tortugas)
- Mainland Monroe, coastal Collier, Lee, Charlotte, Sarasota, Manatee, Pinellas, Hillsborough, Pasco, Hernando, Citrus, Levy, Dixie, Taylor, Jefferson, and coastal Wakulla Counties
- Alachua, Baker, Bradford, Gilchrist, Lafayette, Suwannee, Marion, Madison, Sumter, Columbia, Hamilton, and Union County

Tropical Storm Watches:

- Lake, inland Nassau, western Duval, western Clay



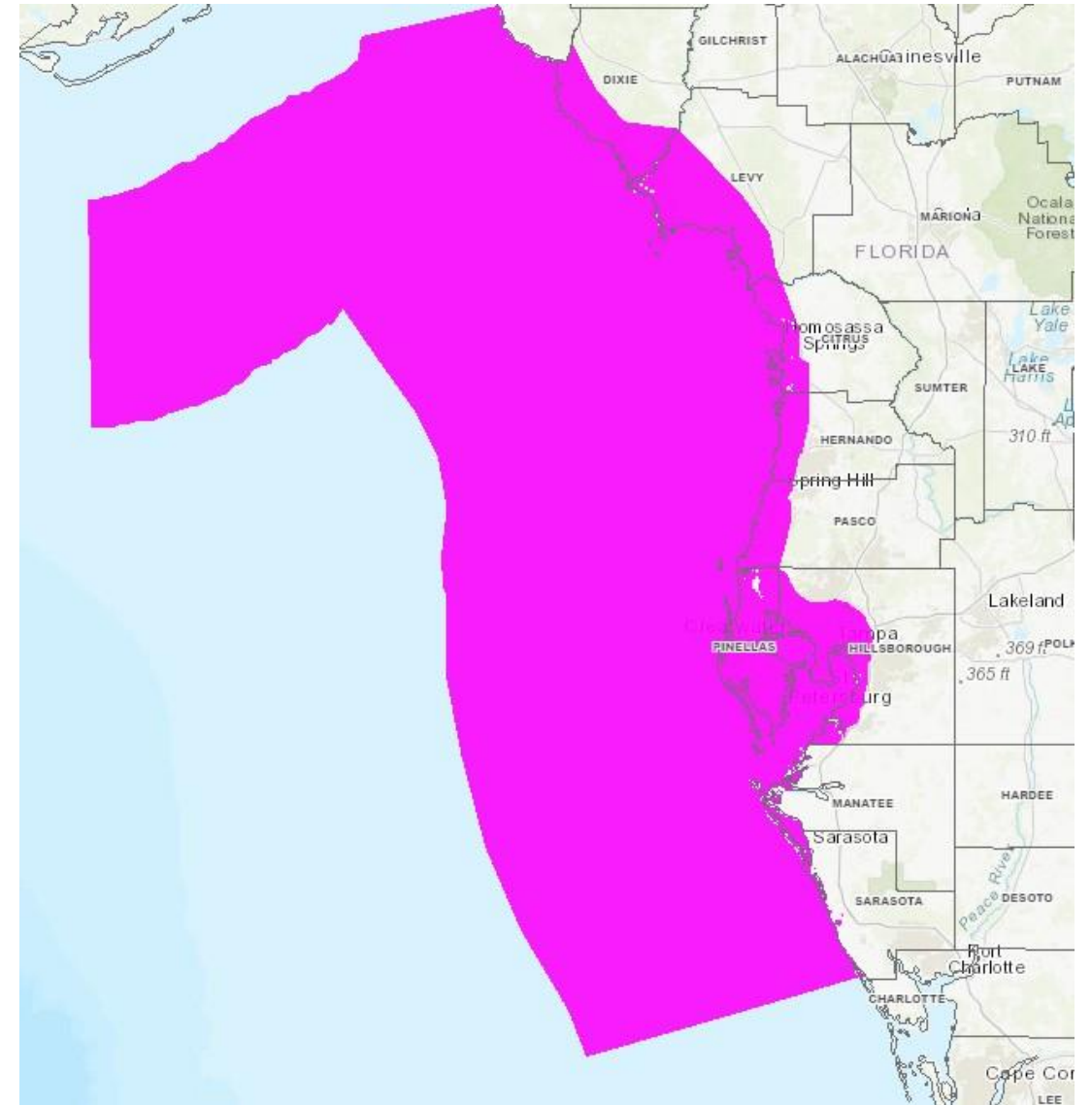


Wind Watches and Warnings

In Effect Until Further Notice

Hurricane Watches:

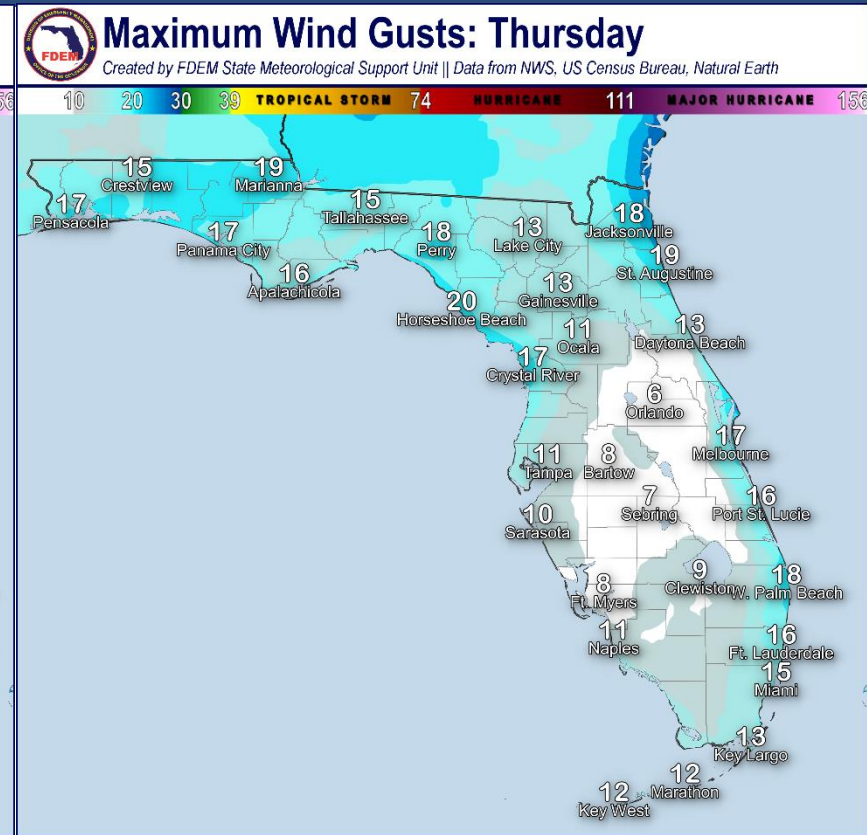
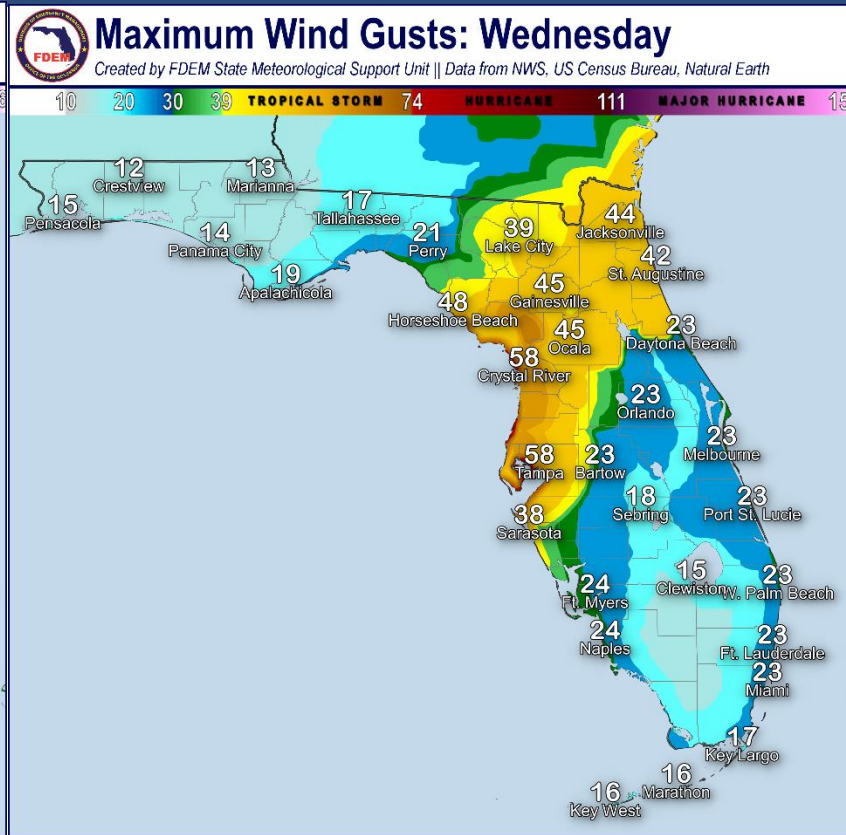
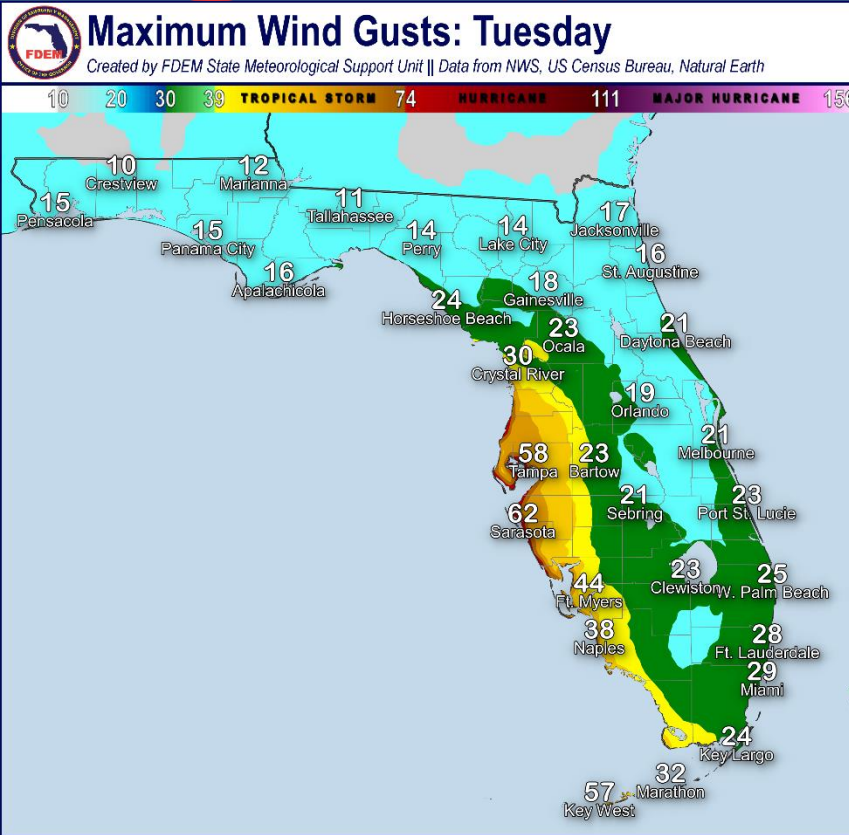
- Coastal portions of Dixie, Levy, Citrus, Hernando, Hillsborough, Pasco, and all of Pinellas County





Max Wind Gusts Next 3 Days

Higher Gusts Possible in Thunderstorms



Higher gusts are possible in heavy thunderstorms and along the immediate coastline of the eastern Big Bend and Nature Coast!



Surge Watches and Warnings

In Effect Until Further Notice

https://www.nhc.noaa.gov/refresh/graphics_at5+shhtml/114917.shtml?inundation#contents

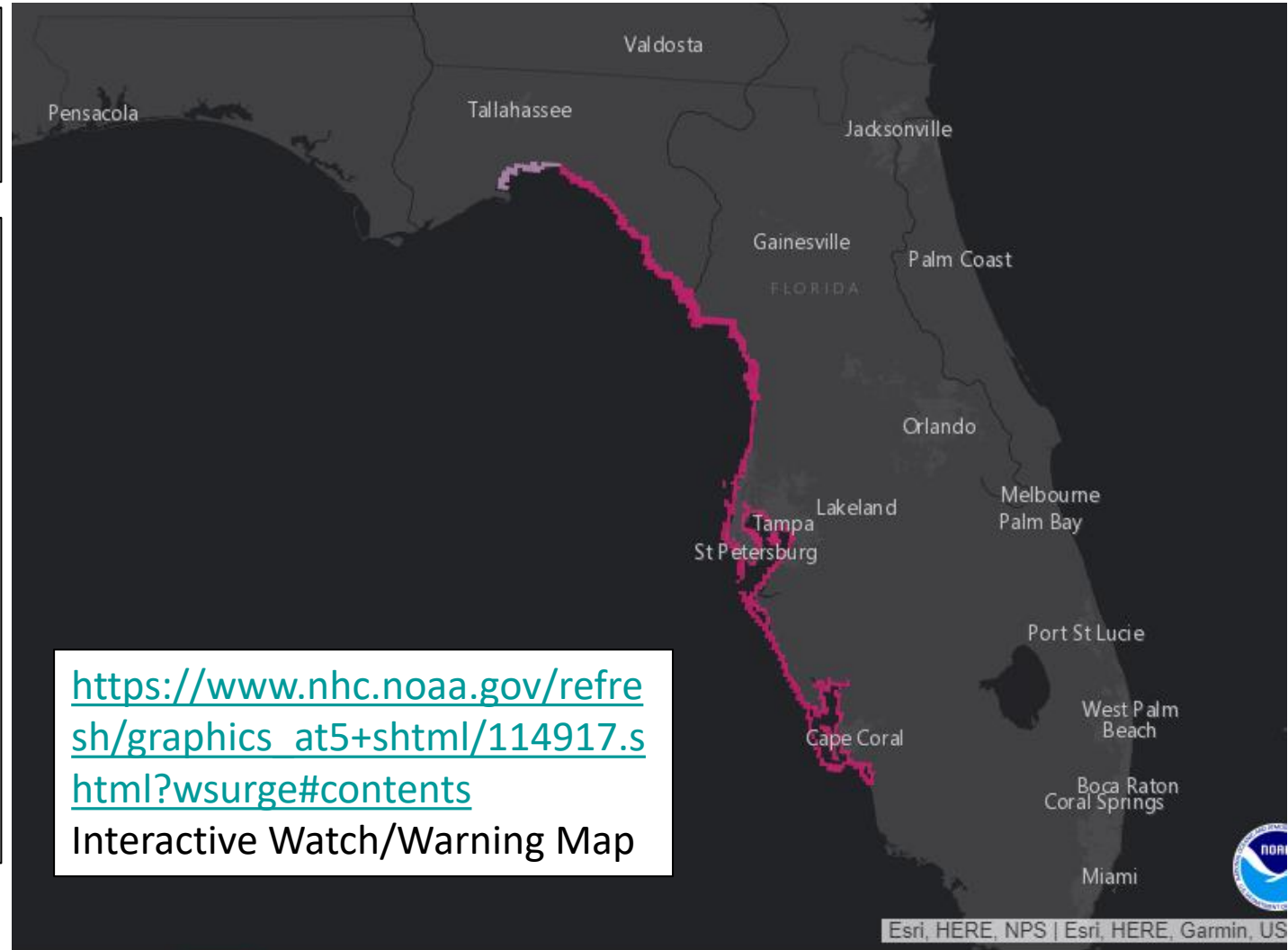
Interactive P-Surge Inundation Map

Storm Surge Warning:

- **From Bonita Beach to the Aucilla River, including Tampa Bay:** Taylor, Dixie, Levy, Citrus, Hernando, Pasco, Pinellas, Hillsborough, Manatee, Sarasota, Charlotte, Lee Counties

Storm Surge Watch:

- **From the Aucilla River to the Ochlockonee River:** Jefferson, Wakulla Counties



Storm Surge Warning
Storm Surge Watch



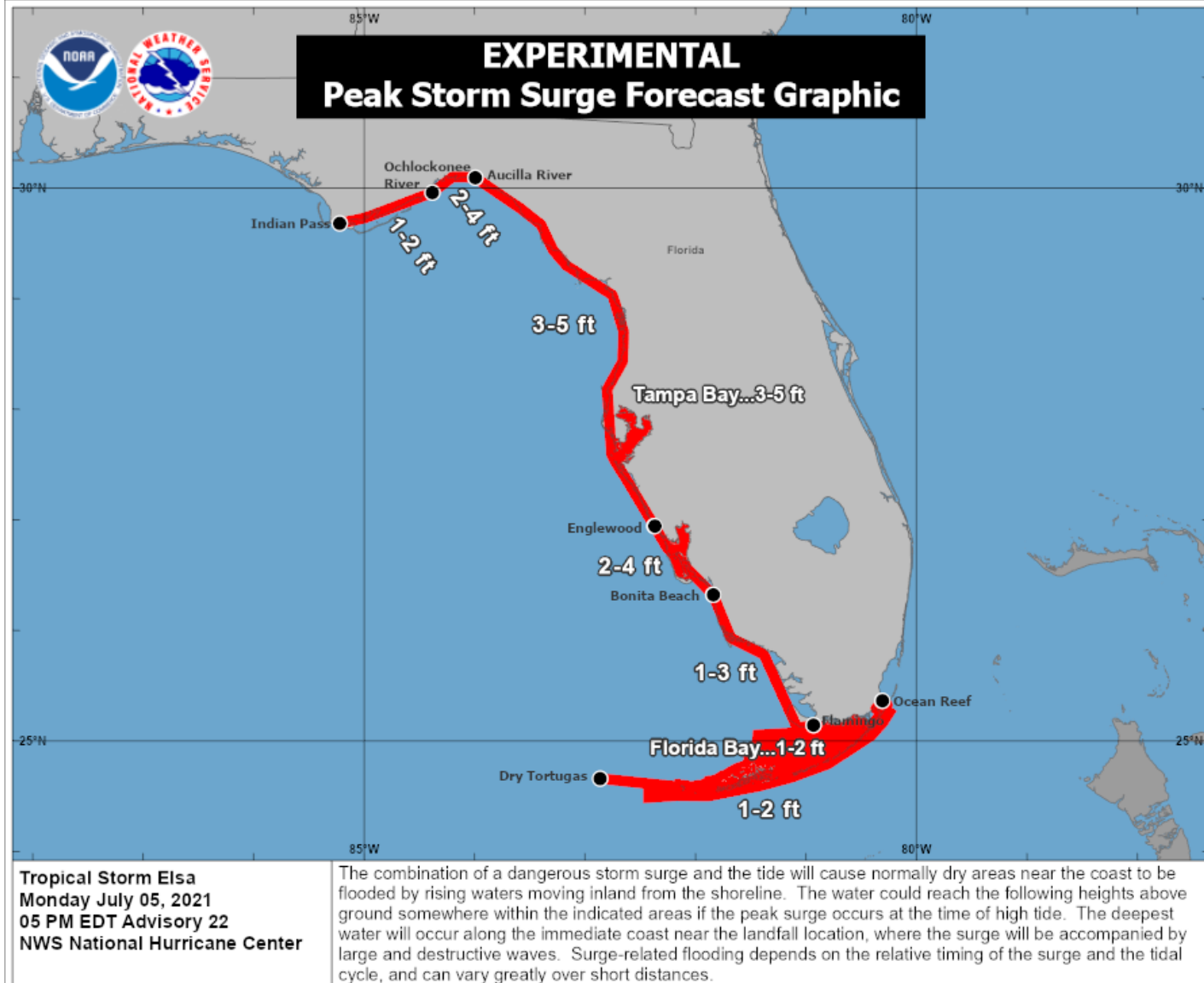
Storm Surge/Coastal Flooding

Tropical Storm Elsa

The highest storm surge is expected from the Aucilla River to Englewood where 3-5 feet of storm surge is now expected, including in Tampa Bay.

2-4 feet of storm surge is expected along the Big Bend coast from the Aucilla River to the Ochlockonee River and along the West Coast from Englewood to Bonita Beach.

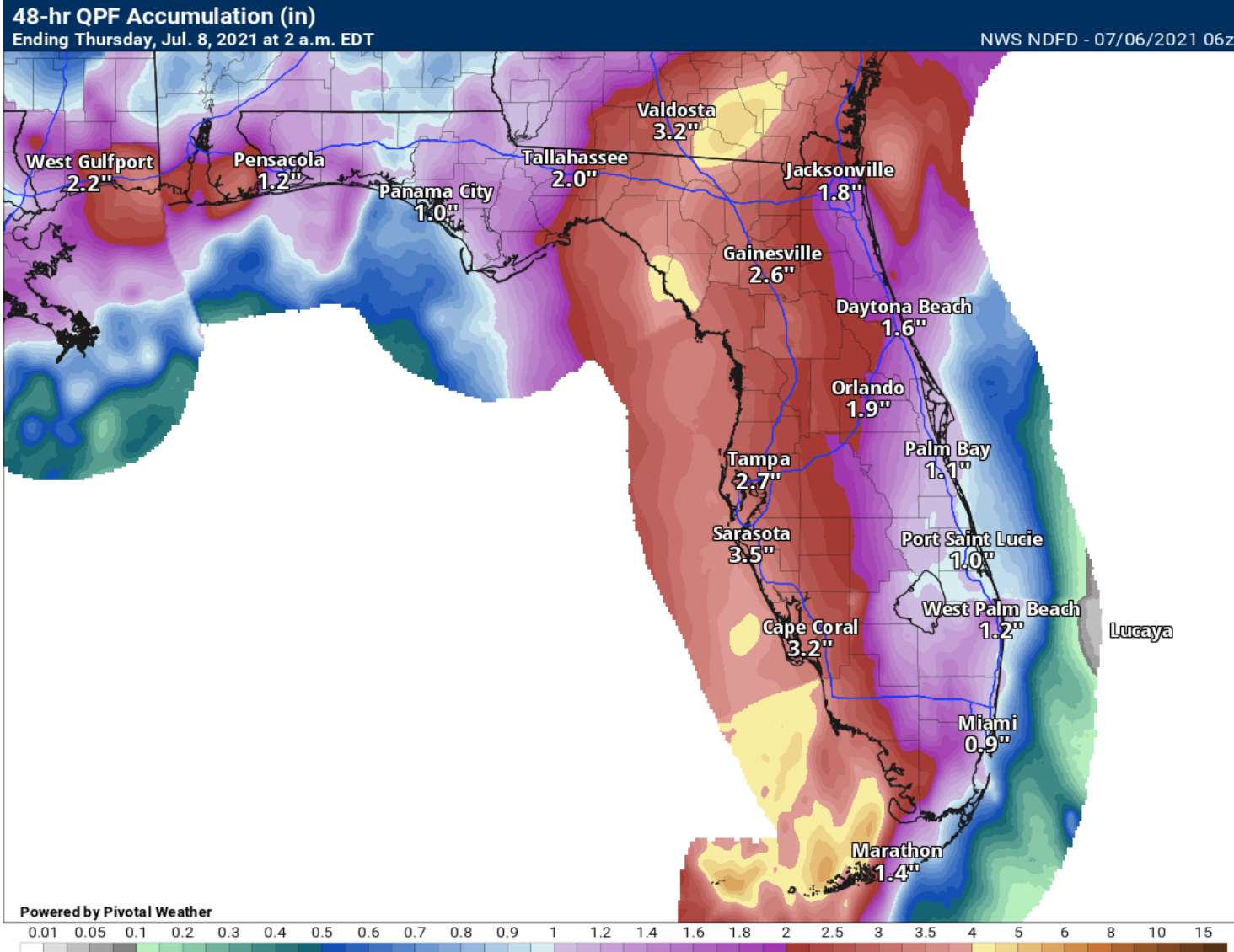
Storm surge will be around 3 feet or less along the remainder of the Big Bend from Indian Pass to the Ochlockonee River, Southwest Florida from Bonita Beach southward to Flamingo, and across the Florida Keys.





Rainfall Totals Next 48 Hours

Ending 2 AM ET Thursday



Through the next 48 hours, rainfall totals of 3-5" are expected along the West Coast & Northeast Florida with localized totals of 6-8" possible.

Rainfall totals will be less along the East Coast and Panhandle- from 1-3".



Areal Flood Watch:

-
- A detailed map of the state of Florida, showing its county boundaries and names. The map is oriented with the Gulf of Mexico to the west. Major cities are marked with dots and labeled, including Tallahassee, Jacksonville, Orlando, and Miami. The state is divided into 67 counties, each labeled with its name. The map also shows the Florida peninsula's coastline and the surrounding water bodies.

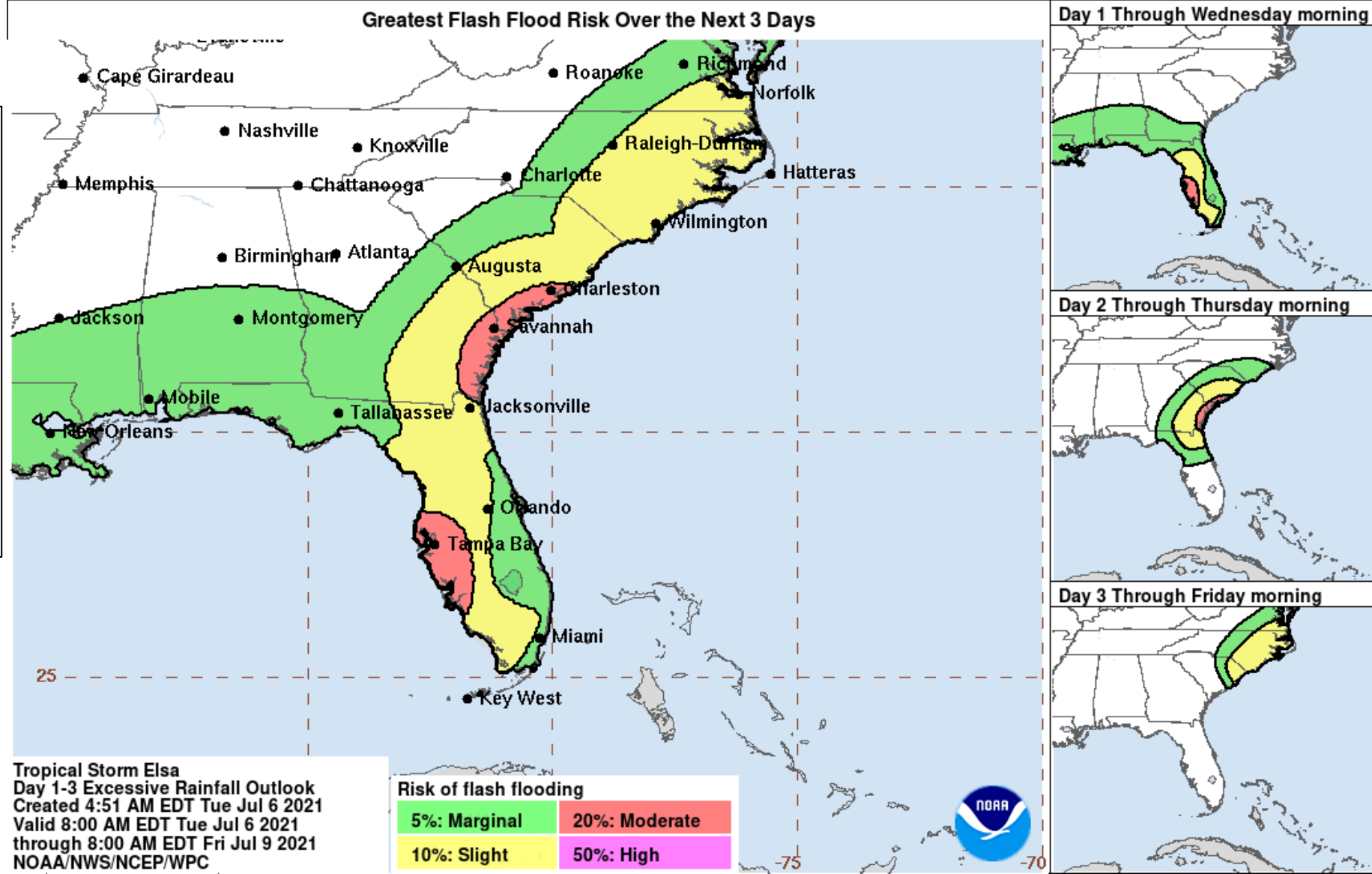


Flash Flood Outlook

3-Day Event Summary

Very heavy rainfall is expected with Tropical Storm Elsa, especially along the West Coast.

There is now a **Moderate Flash Flood Risk** (level 3 of 4) for the West Coast Tuesday into Wednesday morning.



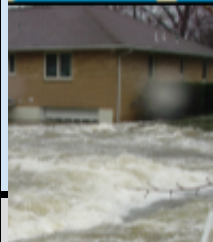




Flash Flood Risk Categories

Understanding the Weather Prediction Center Risk Scale

Understanding WPC Excessive Rainfall Risk Categories

No Area/Label	MARGINAL (MRGL)	SLIGHT (SLGT)	MODERATE (MDT)	HIGH (HIGH)
Flash floods are generally not expected.	Isolated flash floods possible	Scattered flash floods possible	Numerous flash floods likely	Widespread flash floods expected
Localized and primarily affecting places that can experience rapid runoff with heavy rainfall.	Mainly localized. Most vulnerable are urban areas, roads, small streams and washes. Isolated significant flash floods possible.	Numerous flash flooding events with significant events possible. Many streams may flood, potentially affecting larger rivers.	Severe, widespread flash flooding. Areas that don't normally experience flash flooding, could. Lives and property in greater danger.	
www.wpc.ncep.noaa.gov @NWSWPC				
Flash flooding near me?	Flash Flooding			
	NO Flash Flooding			
 WEATHER PREDICTION CENTER		Risk of rainfall exceeding flash flood guidance within 25 miles of a point to the right of a line HIGH: > 50% MDT: 20%-50% SLGT: 10%-20% MRGL: 5%-10%		



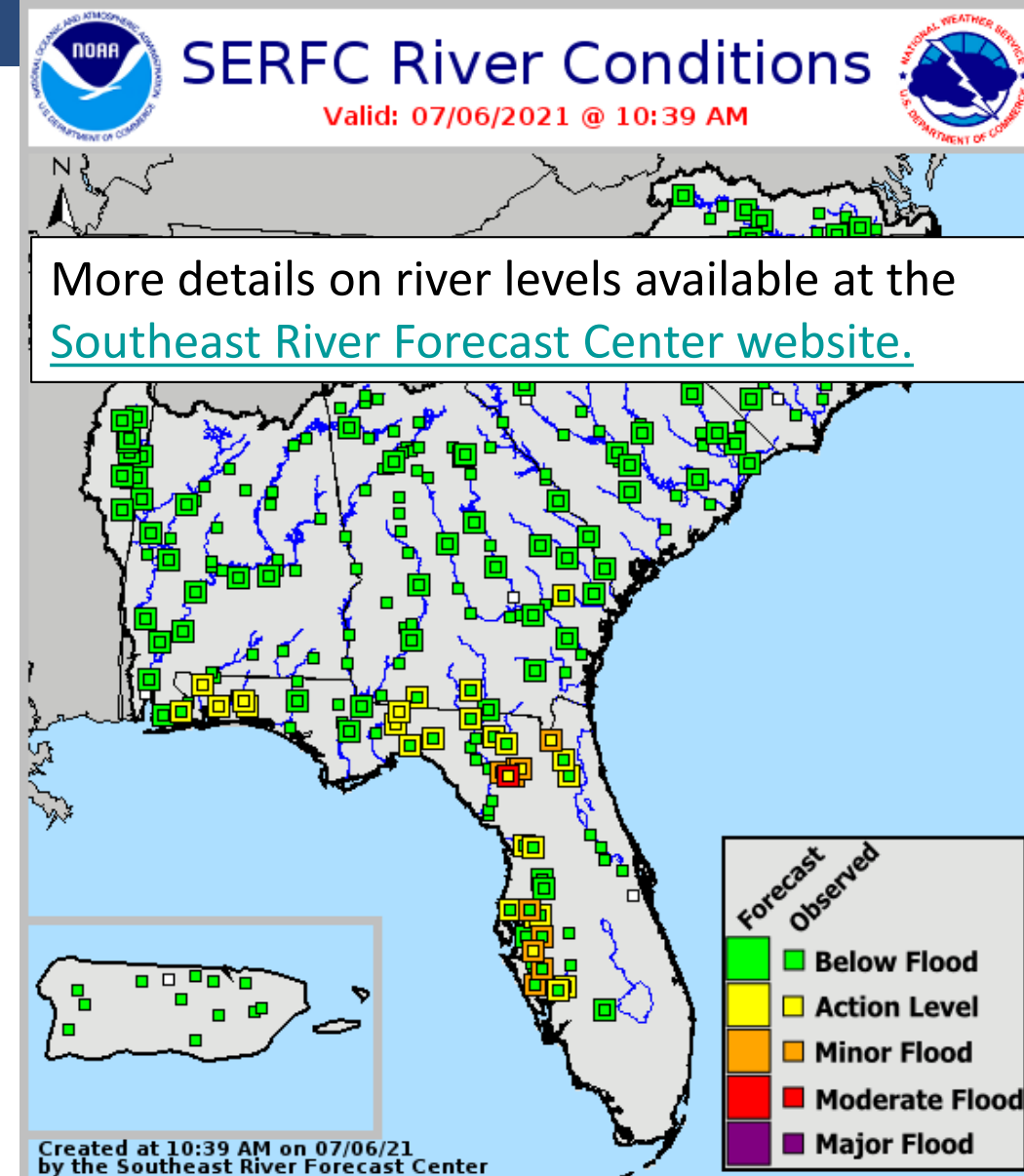
Current & Forecast River Flooding

Southeast River Forecast Center

Rivers Currently in or Forecast to Reach Flood Stage:

- [St. Marys River near Macclenny](#) - **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**
- [Alafia River at Lithia](#) - **MINOR**
- [Little Manatee River near Wimauma](#) - **MINOR**
- [Manatee River near Myakka Head](#) - **MINOR**
- [Myakka River at Myakka River State Park](#) - **MINOR**

Additional rises are possible depending on where Elsa's rain bands set up.





Severe Weather Outlook Tuesday

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

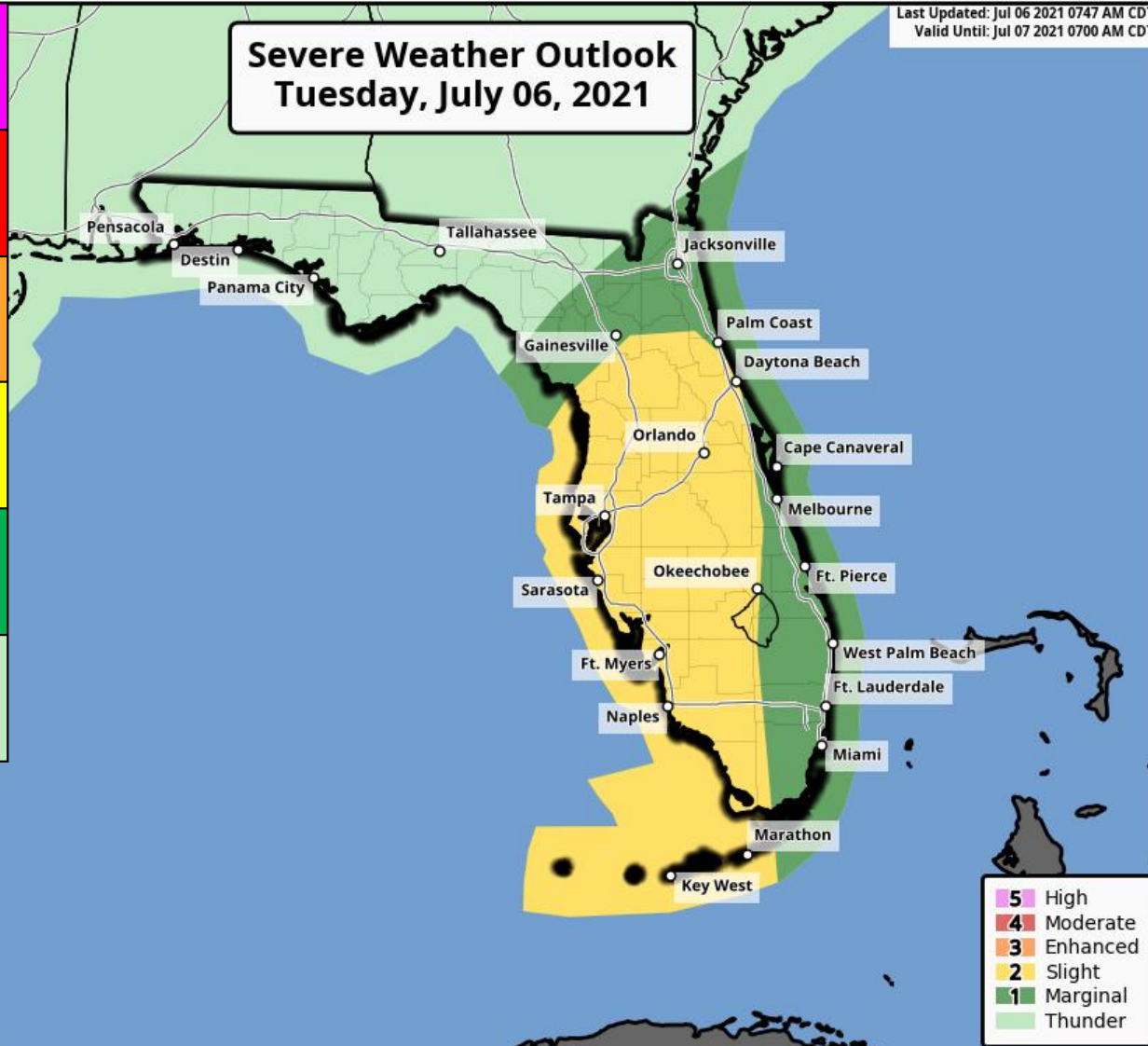
Isolated severe storms possible

Thunderstorms

No severe storms expected

Severe Weather Outlook Tuesday, July 06, 2021

Last Updated: Jul 06 2021 0747 AM CDT
Valid Until: Jul 07 2021 0700 AM CDT



As the outer bands from Elsa move across Northeast Florida and the Peninsula today and tonight, there is the potential for several 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>



Severe Weather Outlook Wed.

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

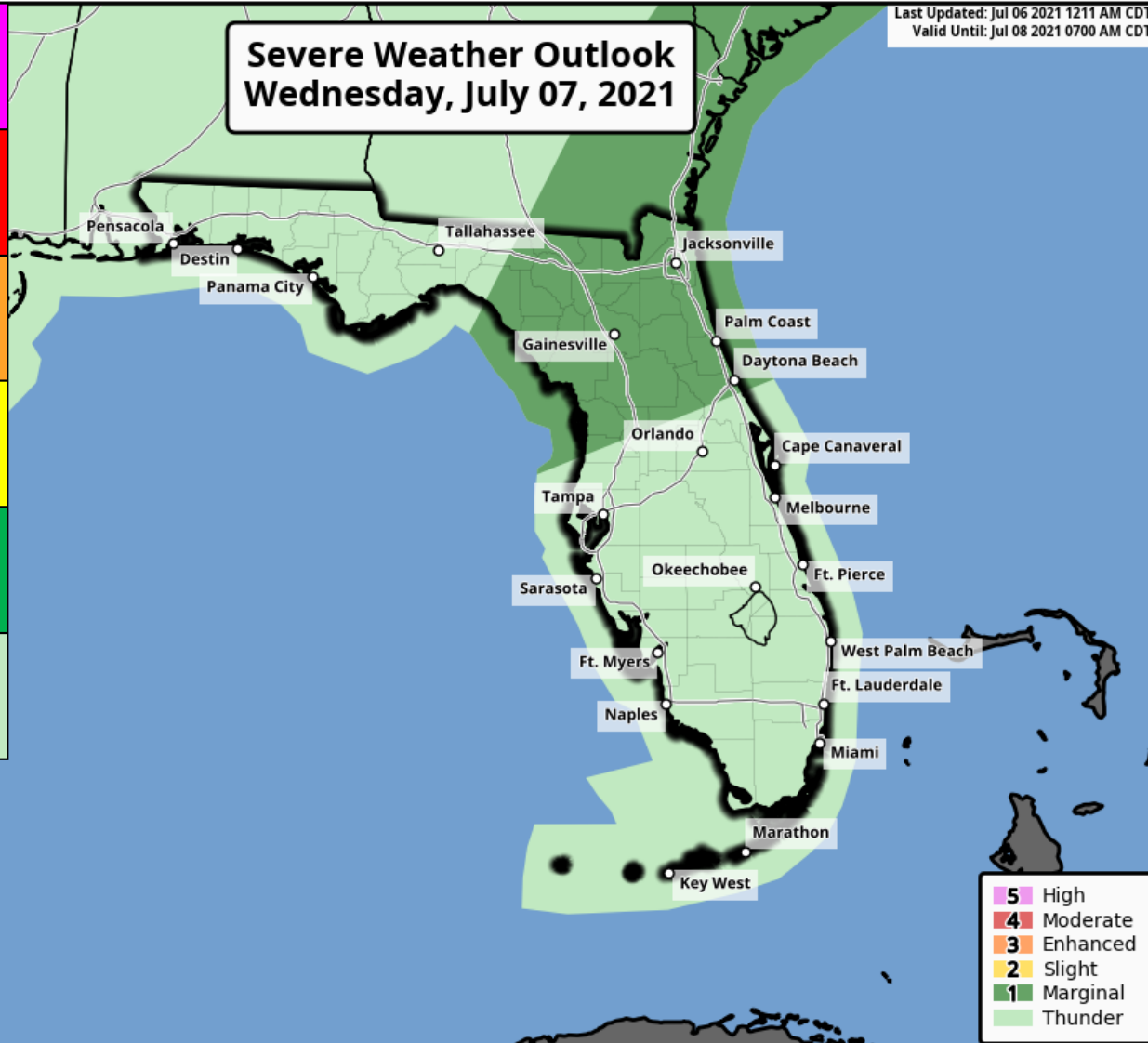
No severe storms expected



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

Severe Weather Outlook Wednesday, July 07, 2021

Last Updated: Jul 06 2021 1211 AM CDT
Valid Until: Jul 08 2021 0700 AM CDT



As Elsa moves northward and make landfall Wednesday morning, a few tornadoes will remain possible across Northeast Florida.

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



Overall Summary

Tropical Storm Elsa

- The center of Elsa is about 55 miles west-northwest of Key West, FL and moving to the north-northwest at 10 mph with max sustained winds around 60 mph.
- Elsa has moved back over water and some gradual strengthening to near hurricane strength is expected over the next 24 hours. Landfall is expected along the Nature Coast early tomorrow morning. The storm remains lopsided with nearly all of the wind, rain, surge, and tornado threat on the eastern half of the storm.

Florida Outlook:

- **Hurricane Watch:** Coastal portions of Citrus, Dixie, Hernando, Hillsborough, Levy, Pasco, and all of Pinellas County
- **Tropical Storm Warnings:** Middle and Lower Keys (Craig Key to Key West & Dry Tortugas); Alachua, Baker, Bradford, Citrus, Columbia, Charlotte, Dixie, Hamilton, Hernando, Hillsborough, Gilchrist, Jefferson, Lafayette, Lee, Levy, Madison, Manatee, Marion, Pasco, Pinellas, Sarasota, Sumter, Suwannee, Taylor, and Union; Coastal portions of Collier and Wakulla; Mainland Monroe.
- **Tropical Storm Watch:** Lake County and the western portions of Clay, Duval, and Nassau County.
- Tropical storm force winds from 40-70 mph are expected in the warning areas, with gusts to hurricane force (75 mph) in the Hurricane Watch areas.
- **Storm Surge Warning:** Bonita Beach to the Aucilla River, or the coastal areas of Charlotte, Citrus, Dixie, Hernando, Hillsborough, Lee, Levy, Manatee, Pasco, Pinellas, Sarasota, Taylor.
- **Storm Surge Watches:** Coastal areas of Jefferson and Wakulla County.
- Storm Surge values of 3-5' are expected from the Aucilla River to Englewood with 2-4' from the Ochlockonee to the Aucilla and from Englewood to Bonita Beach. 1-3' elsewhere in Southwest Florida and the Keys.
- **Flood Watch:** All of Northeast Florida, the West Coast, the eastern Big Bend, and the Orlando metro landfall
- A widespread 3-5" of rain is possible across the eastern Big Bend, Northeast Florida, and West Coast over the next 3 days with localized totals of 6-8". This could result in some urban or flash flooding early next week due to wet/saturated soils as well as some minor river flooding.
- Saturated soils due to 200-300% of normal rainfall over the last two weeks will make trees more susceptible to falling in strong winds.
- Dangerous rip currents are expected at all Florida beaches. Minor to moderate beach erosion is also possible along West Coast beaches with dune overwash.
- A few to several tornadoes are expected across Northeast, Central, and South Florida today, tonight, and Wednesday morning.

The next briefing packet will be issued this evening after the 5 PM ET advisory. For the latest information on the tropics, please visit the National Hurricane Center website at www.hurricanes.gov.



TROPICAL UPDATE



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Florida Division of Emergency Management

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