



# TROPICAL UPDATE



12:00 PM EDT

Wednesday, September 23, 2020

Panhandle River Flooding

East Coast Coastal Flooding/Beach Erosion Event

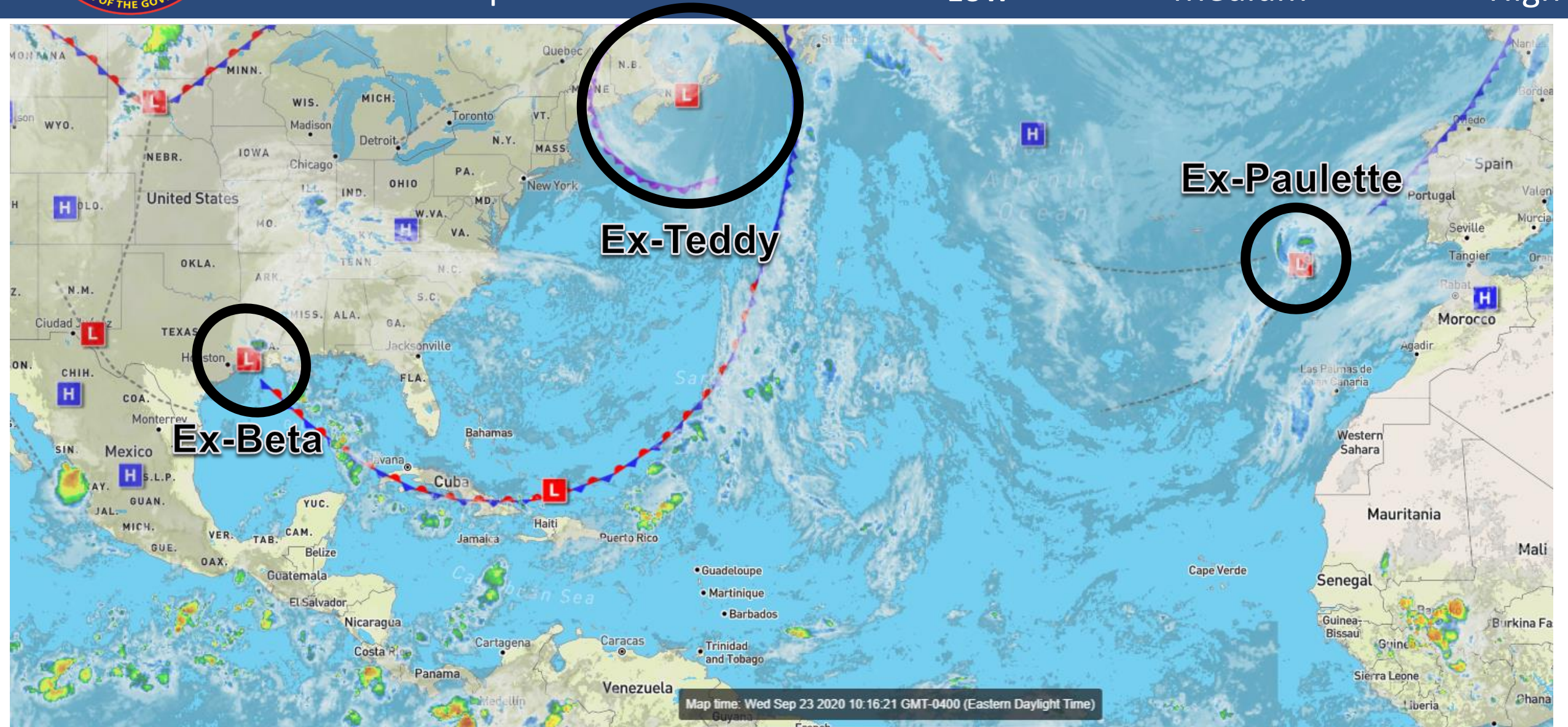
Last Update on Beta, Teddy, and Paulette

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).



# Atlantic Basin Satellite Image

Chance of development: — None — Low — Medium — High







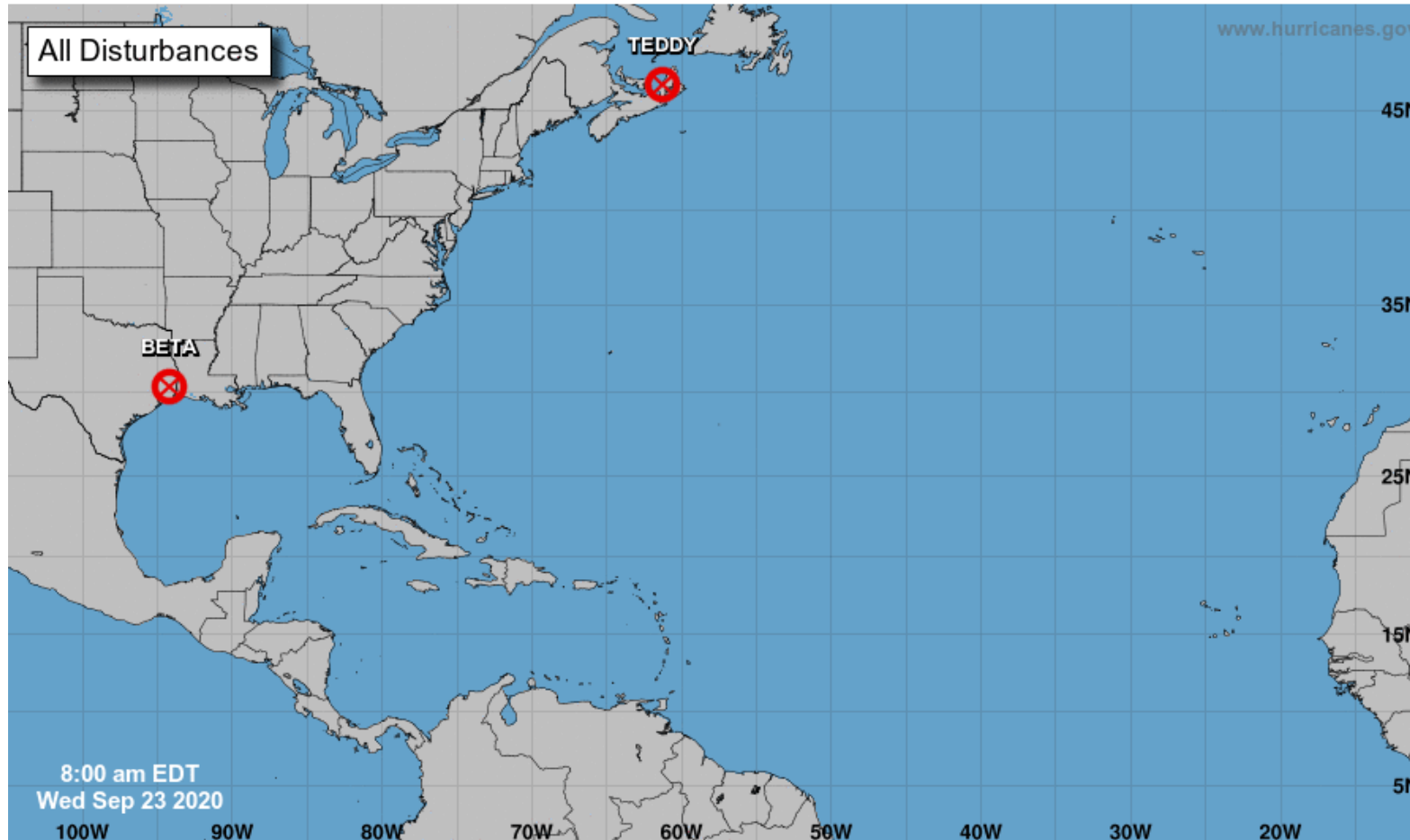
# Tropical Weather Outlook

Possible Areas of Development During the Next 5 Days ([LINK](#))



## 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

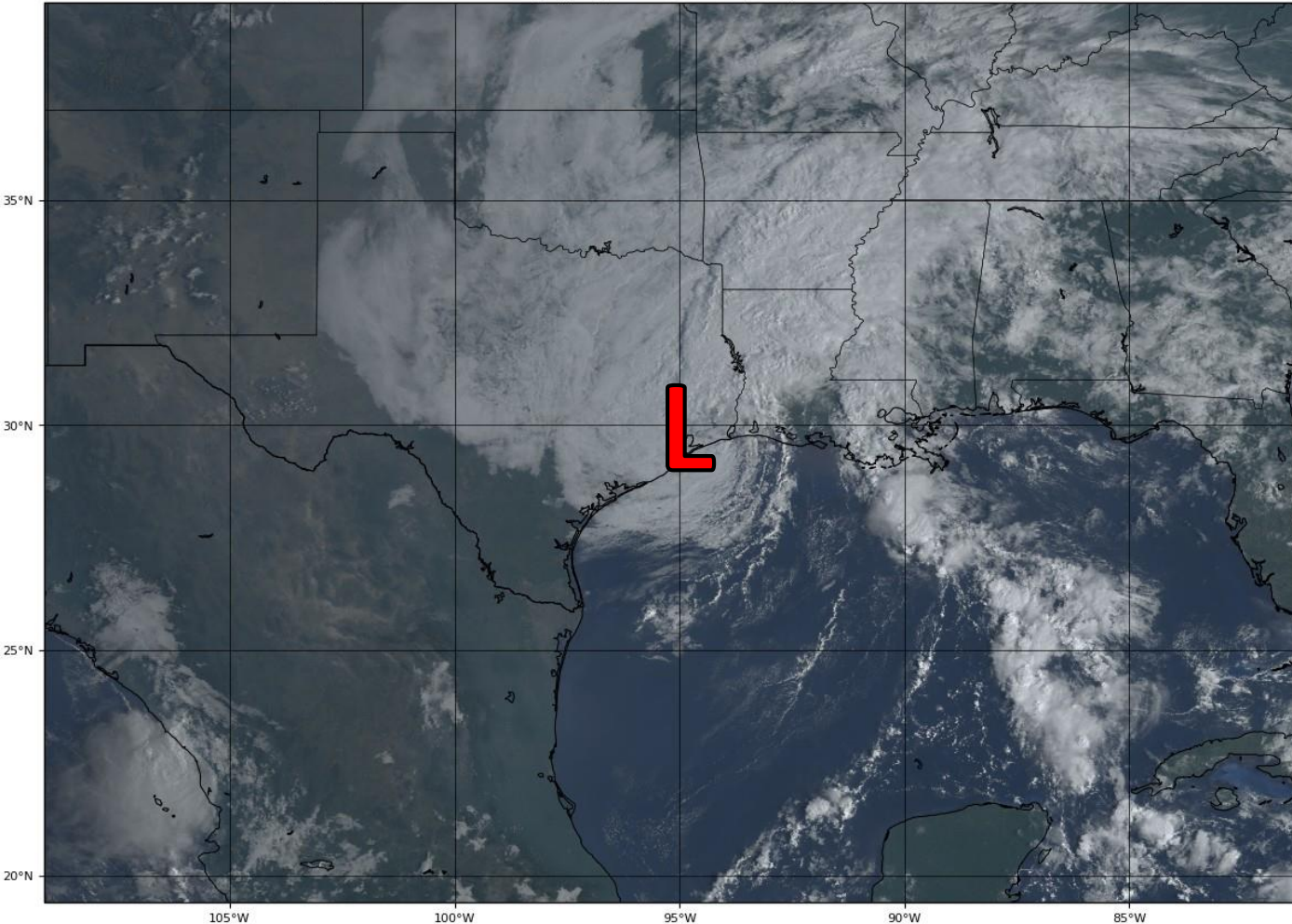


# Satellite Imagery

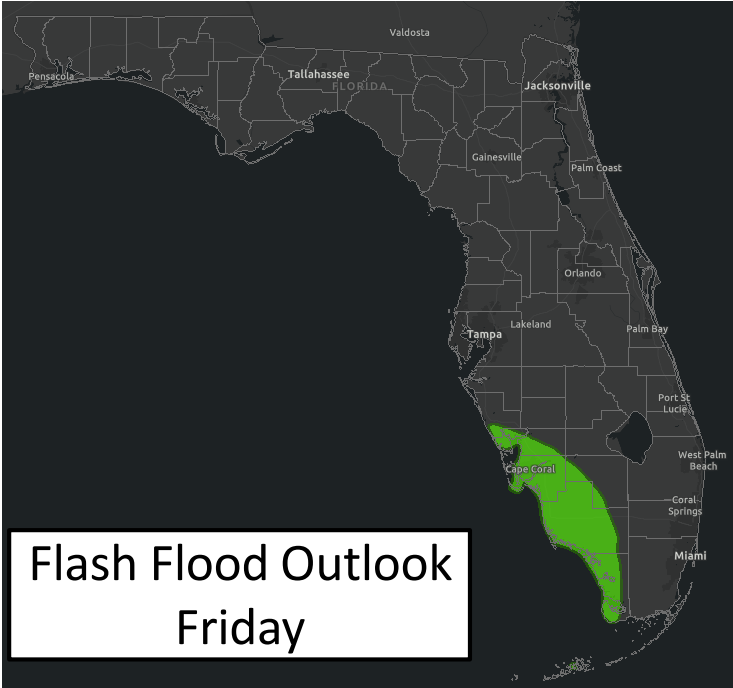
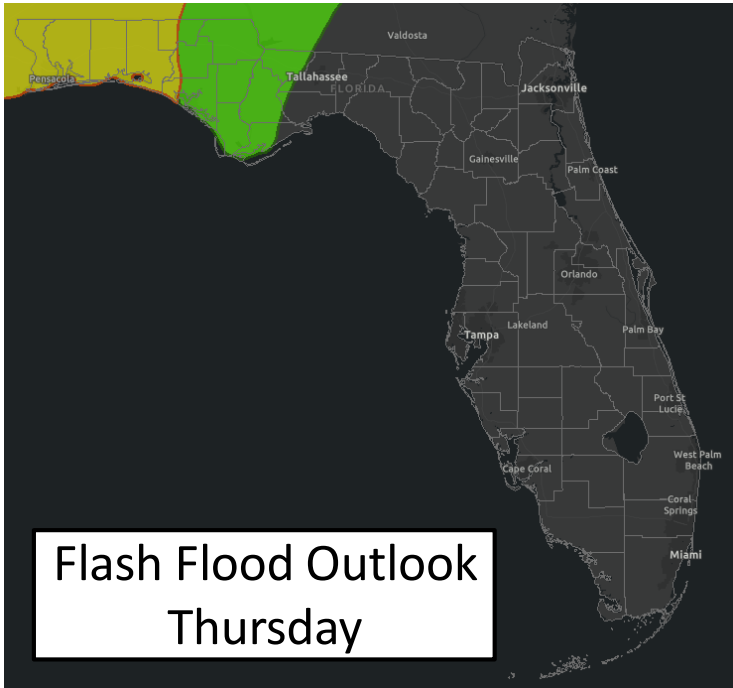
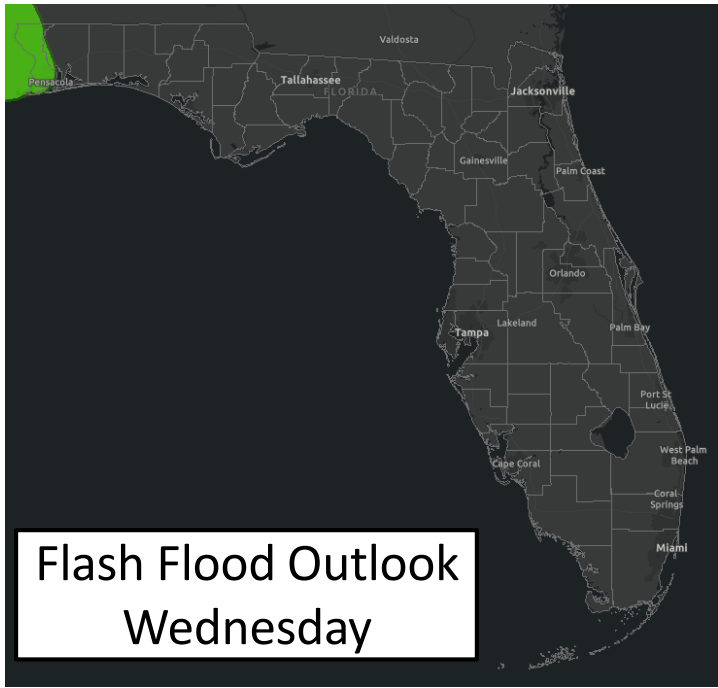
## Post-Tropical Cyclone Beta







GOES-16 Natural Color (day) and Shortwave IR (night) at 14:12Z Sep 23, 2020

TROPICALTIDBITS.COM



- Beta, currently located near Houston, has lost its tropical characteristics.
- Locally heavy rainfall continues over parts of Texas, Louisiana, Arkansas, and Mississippi
- Beta will begin to move northeast tonight and head into the lower Mississippi River Valley later in the week.
- The remnants of Beta will bring locally heavy rainfall and an isolated severe weather threat to the Panhandle on Thursday.



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.
<a href="http://www.wpc.ncep.noaa.gov">www.wpc.ncep.noaa.gov</a> @NWSWPC				
Flash flooding near me?	Flash Flooding			
	NO Flash Flooding			
  WEATHER PREDICTION CENTER				

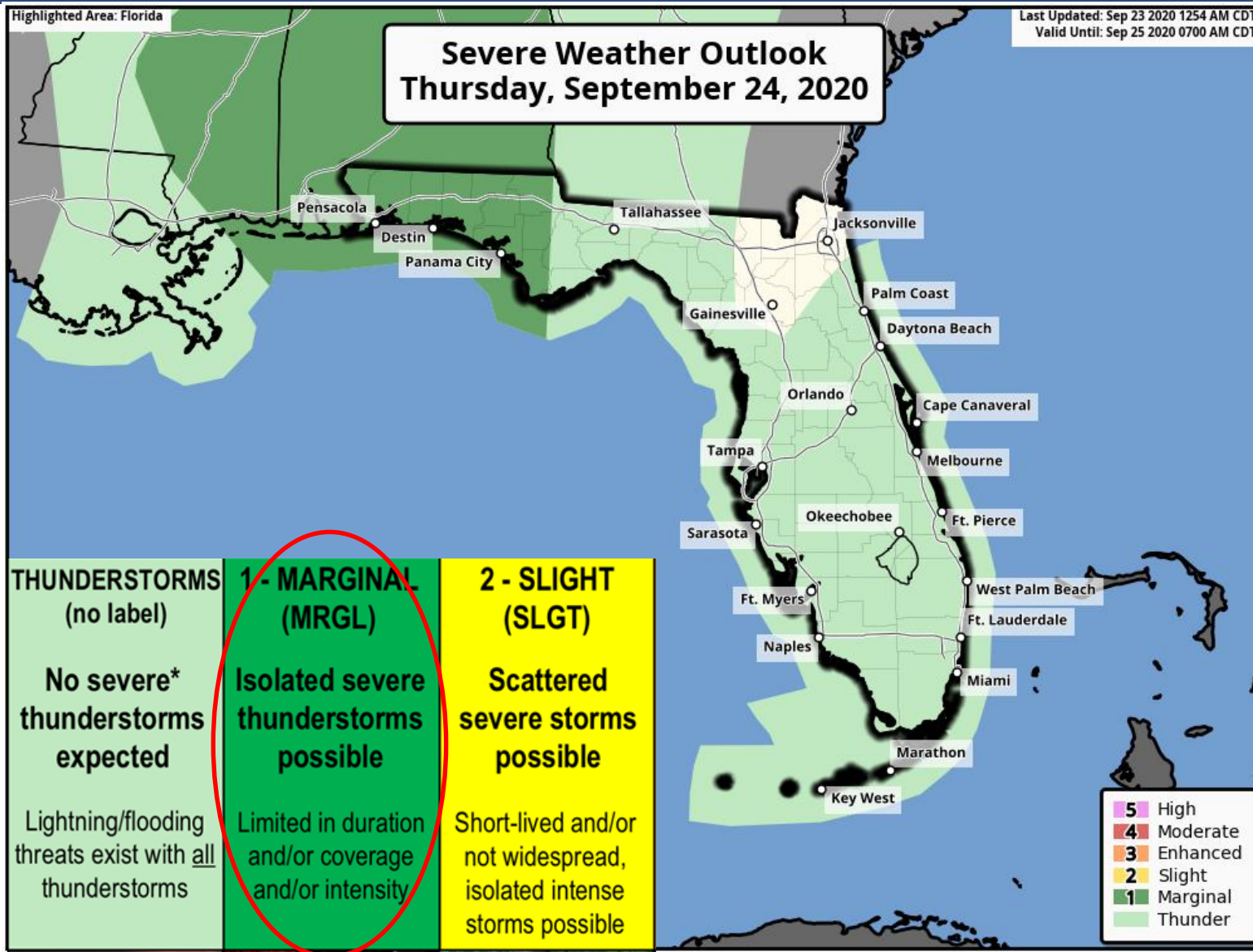
- Some flash flooding will be possible today and Thursday in the Panhandle and rain bands from Post-Tropical Cyclone Beta.
- By Friday, the stalled front south of the Keys will lift northward, and a heavy rainfall and isolated flood threat will materialize in Southwest Florida.





# Severe Weather Risk Thursday

From the [Storm Prediction Center](#)

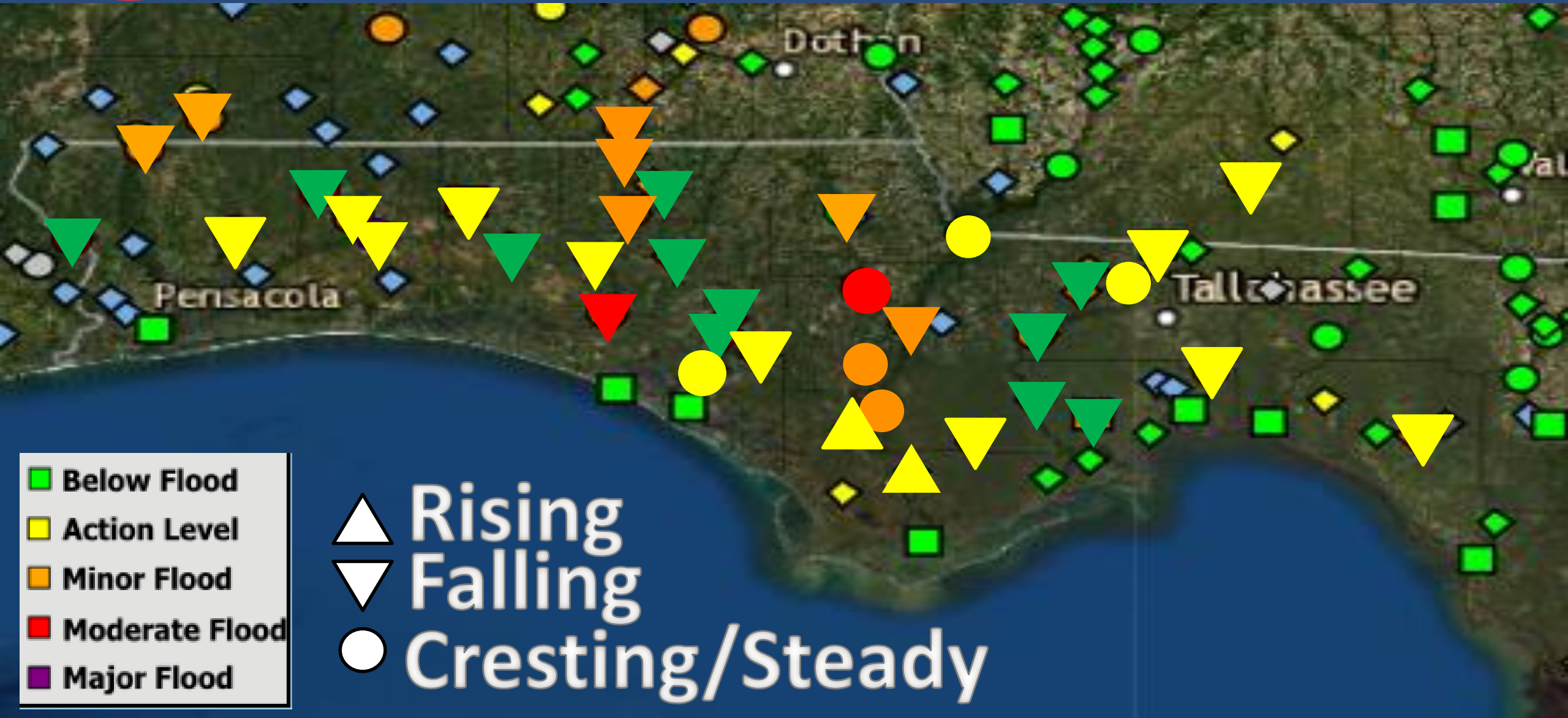


Isolated severe thunderstorms will be possible in the Panhandle as Post-Tropical Cyclone Beta passes north of the state.

Some of the bands of rain may contain strong wind gusts of 40-60 mph and isolated tornadoes.



# Current River Status





# Latest River Forecasts

## Southeast River Forecast Center

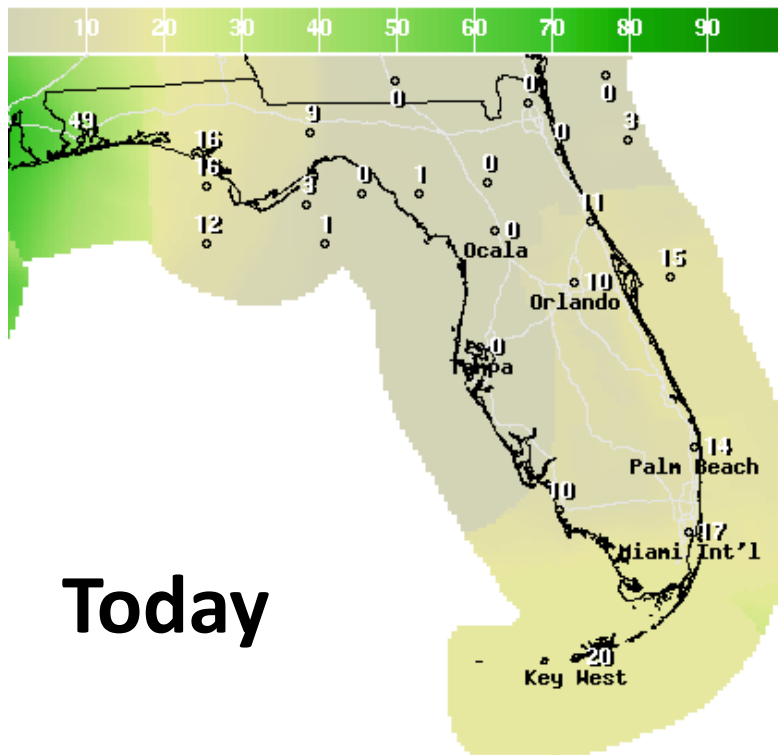
River Gauges	County(ies) Affected	Status	Crest Level	Crest Day	Below Flood Stage Day
<a href="#">Escambia River near Century</a>	Escambia, Santa Rosa	FALLING	MINOR: 21 ft.	9/19	9/25
<a href="#">Choctawhatchee River near Pittman</a>	Holmes	FALLING	MODERATE: 27.6 ft.	9/18	9/24
<a href="#">Choctawhatchee River at Caryville</a>	Holmes, Washington	FALLING	MODERATE: 16 ft.	9/19	9/24
<a href="#">Choctawhatchee River near Bruce &amp; Ebro</a>	Walton, Washington	FALLING	MODERATE: 19.85 ft.	9/20	9/28
<a href="#">Chipola River at Marianna</a>	Jackson	FALLING	MINOR: 20.91 ft.	9/20	9/23
<a href="#">Chipola River near Altha</a>	Jackson, Calhoun	CRESTING	MODERATE: 26.6 ft	9/22	9/27
<a href="#">Chipola River near Scotts Ferry</a>	Calhoun, Gulf	STEADY	MODERATE: 26.2 ft.	9/18	Beyond 9/27
<a href="#">Chipola River near Wewahitchka</a>	Gulf	RISING	MINOR	Late Week	Beyond 9/27
<a href="#">Apalachicola River near Blountstown</a>	Calhoun, Liberty, Gulf, Franklin	FALLING	MINOR: 20 ft.	9/21	9/24
<a href="#">Apalachicola River near Wewahitchka</a>	Gulf, Liberty	CRESTING	MINOR	9/23	9/25
<a href="#">Apalachicola River near Sumatra</a>	Gulf, Franklin	RISING	MINOR	Late Week	Beyond 9/27

**For more details on the hydrographs as well as impact statements, click the links for each river gauge & see the flood info packet on WebEOC.**



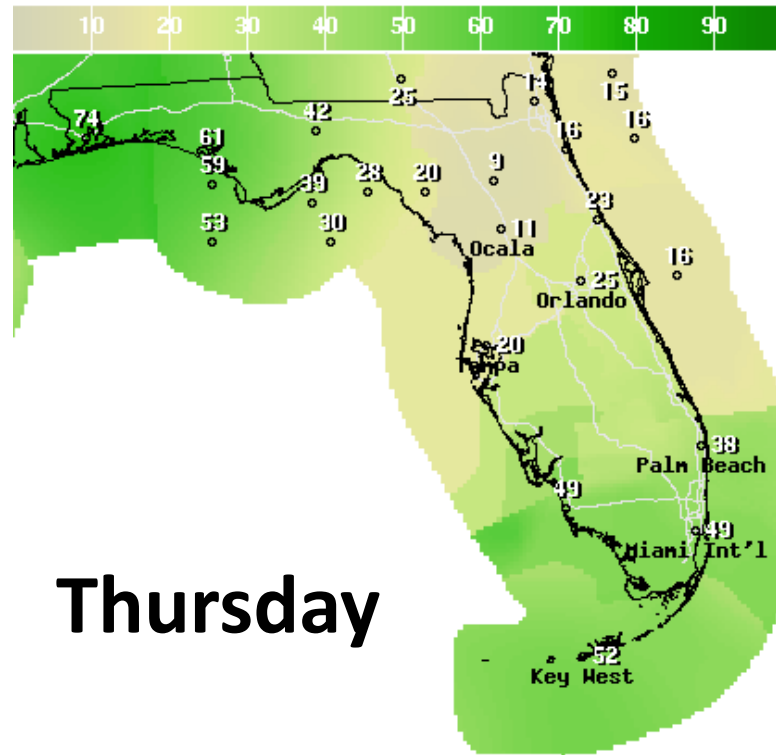


# Rain Chances Next 3 Days



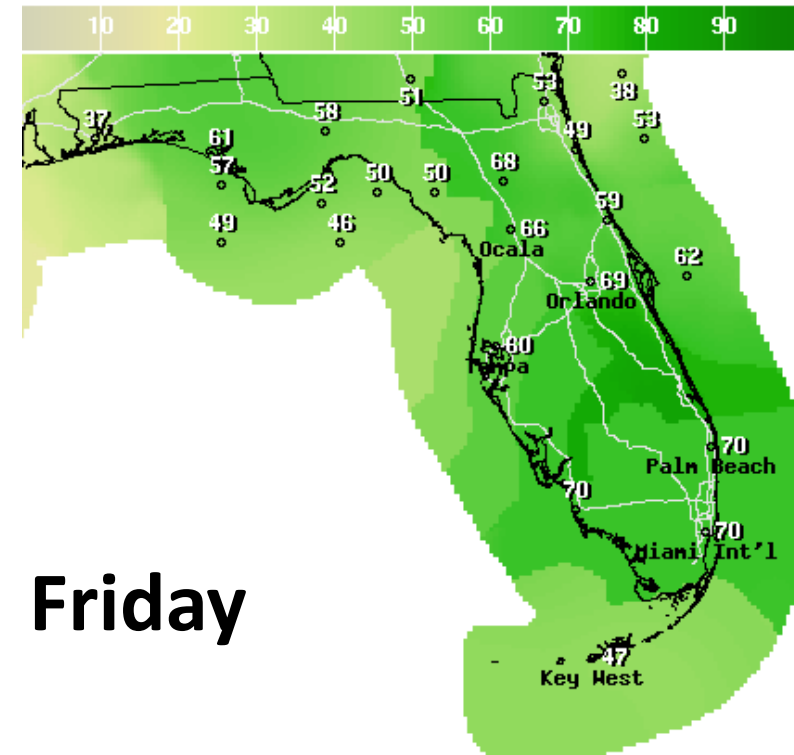
**Today**

12Hr Prob.Precip(%) Ending Wed Sep 23 2020 8PM EDT  
(Thu Sep 24 2020 00Z)  
National Digital Forecast Database  
14z issuance Graphic created-Sep 23 10:17AM EDT



**Thursday**

12Hr Prob.Precip(%) Ending Thu Sep 24 2020 8PM EDT  
(Fri Sep 25 2020 00Z)  
National Digital Forecast Database  
15z issuance Graphic created-Sep 23 11:15AM EDT



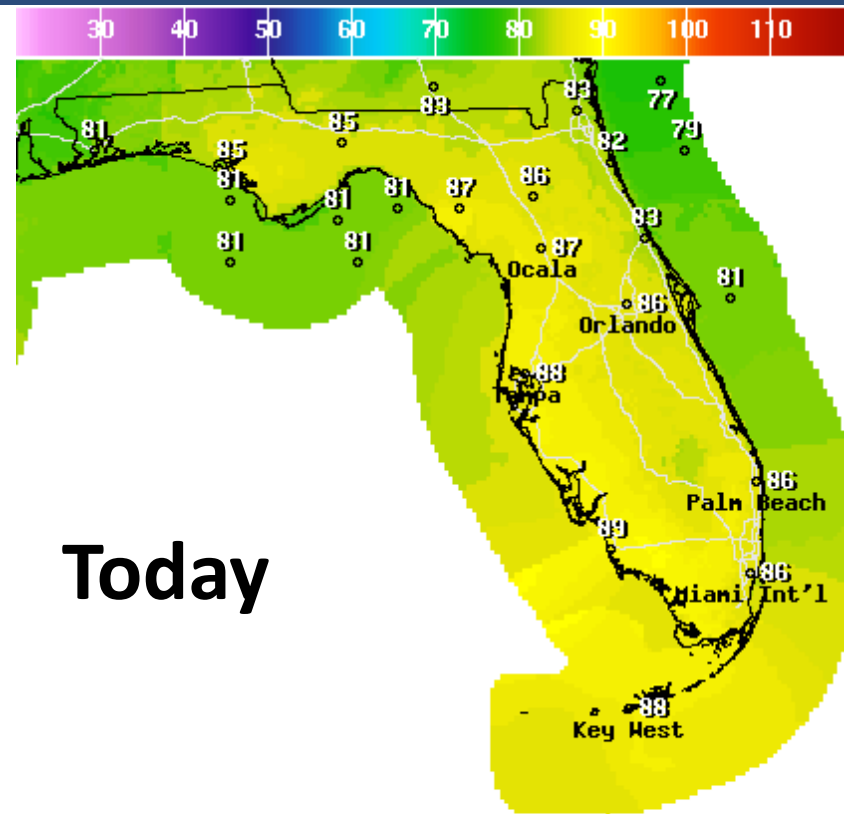
**Friday**

12Hr Prob.Precip(%) Ending Fri Sep 25 2020 8PM EDT  
(Sat Sep 26 2020 00Z)  
National Digital Forecast Database  
14z issuance Graphic created-Sep 23 10:17AM EDT

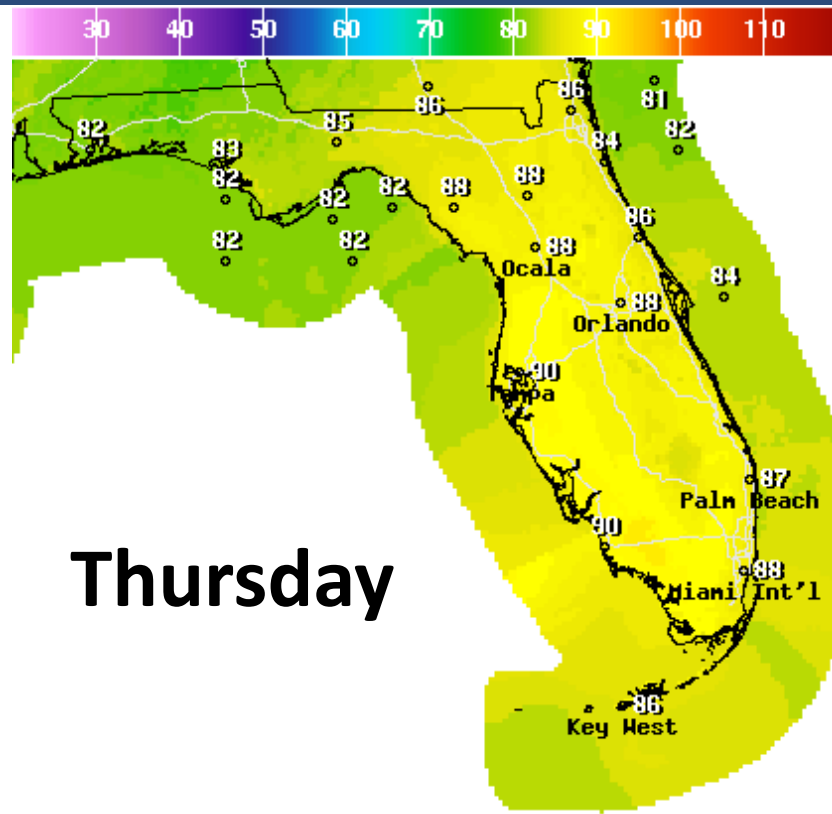
**Isolated showers possible in the Panhandle Wednesday. Rain chances increase across the state on Thursday as a front and moisture from Beta moves in.**



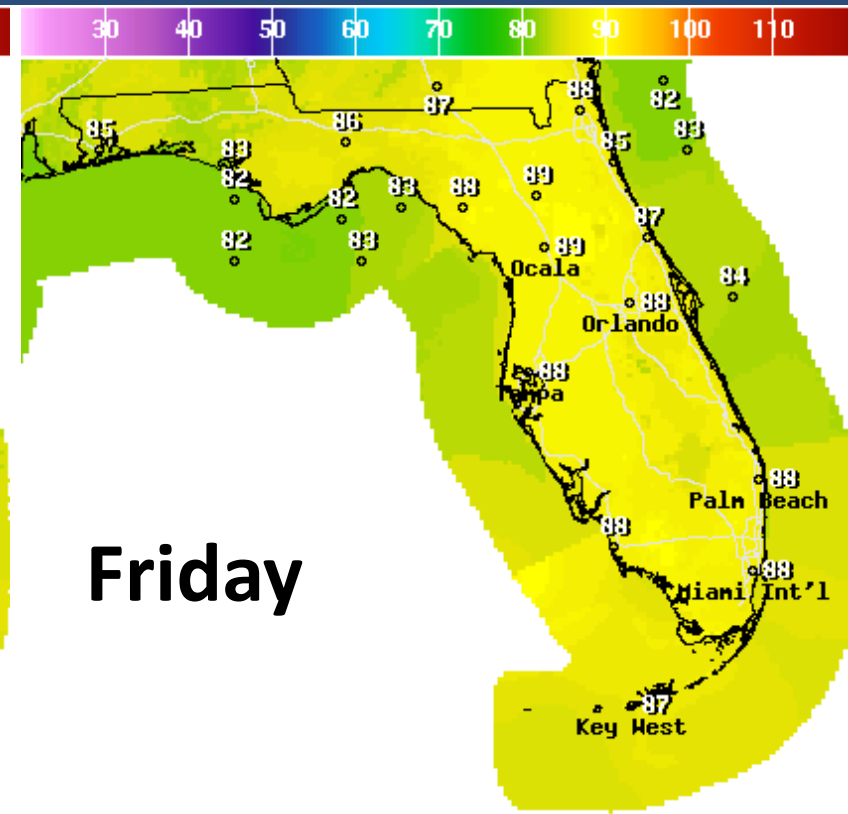
# High Temperatures Next 3 Days



**Today**



**Thursday**



**Friday**

High Temperature(F) Ending Wed Sep 23 2020 8PM EDT  
(Thu Sep 24 2020 00Z)  
National Digital Forecast Database  
15z issuance Graphic created-Sep 23 11:09AM EDT

High Temperature(F) Ending Thu Sep 24 2020 8PM EDT  
(Fri Sep 25 2020 00Z)  
National Digital Forecast Database  
15z issuance Graphic created-Sep 23 11:09AM EDT

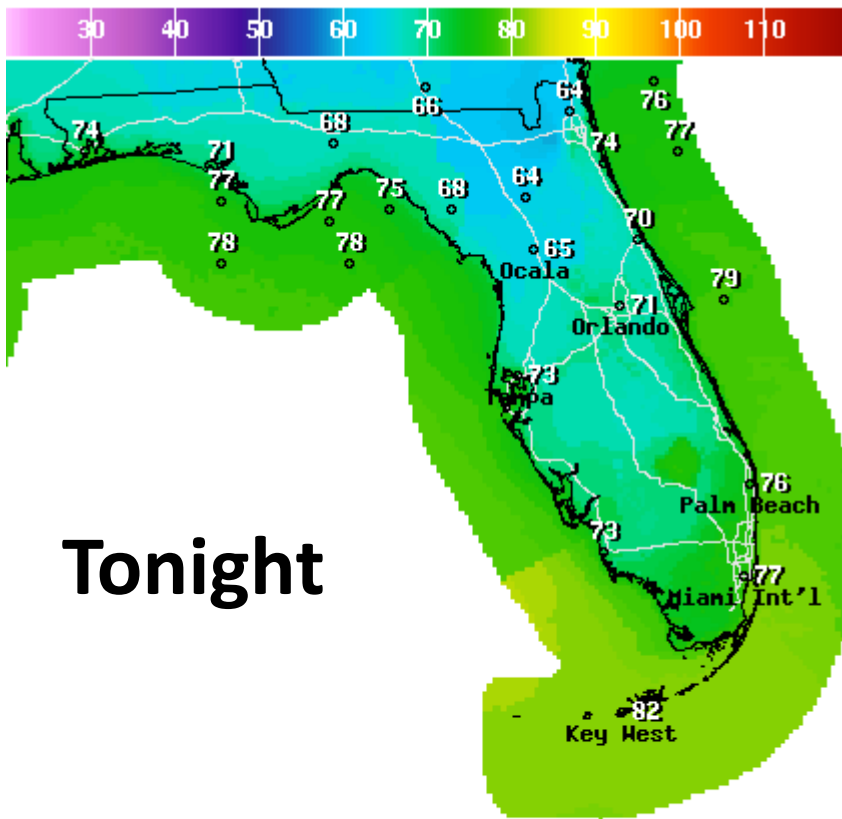
High Temperature(F) Ending Fri Sep 25 2020 8PM EDT  
(Sat Sep 26 2020 00Z)  
National Digital Forecast Database  
14z issuance Graphic created-Sep 23 10:10AM EDT

**Temperatures slowly increase through the week statewide. Humidity also gradually increases.**

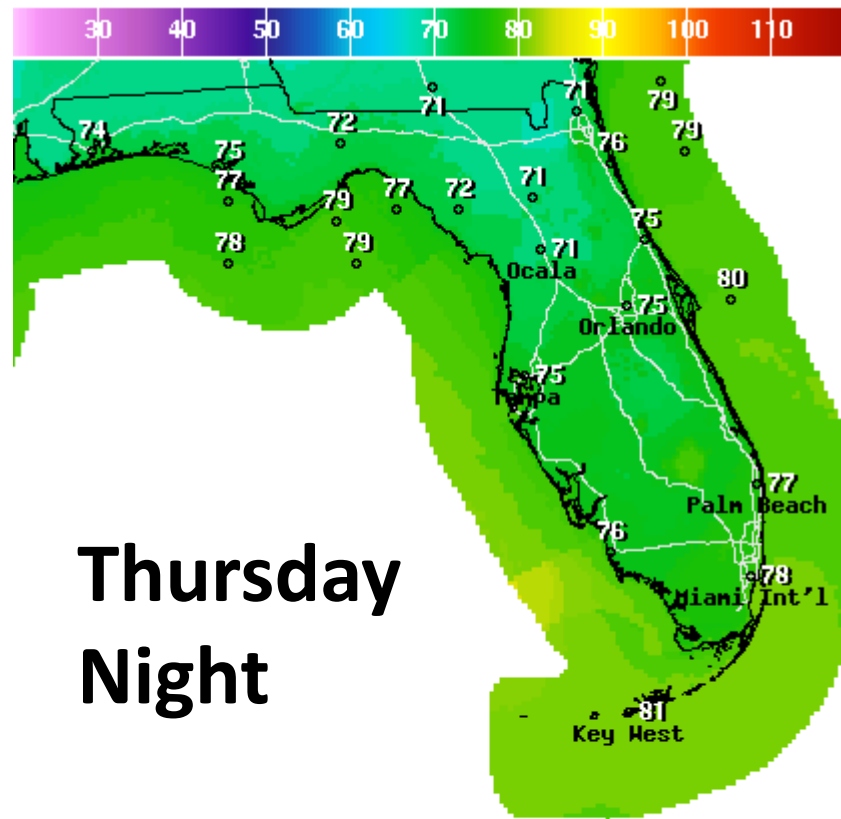




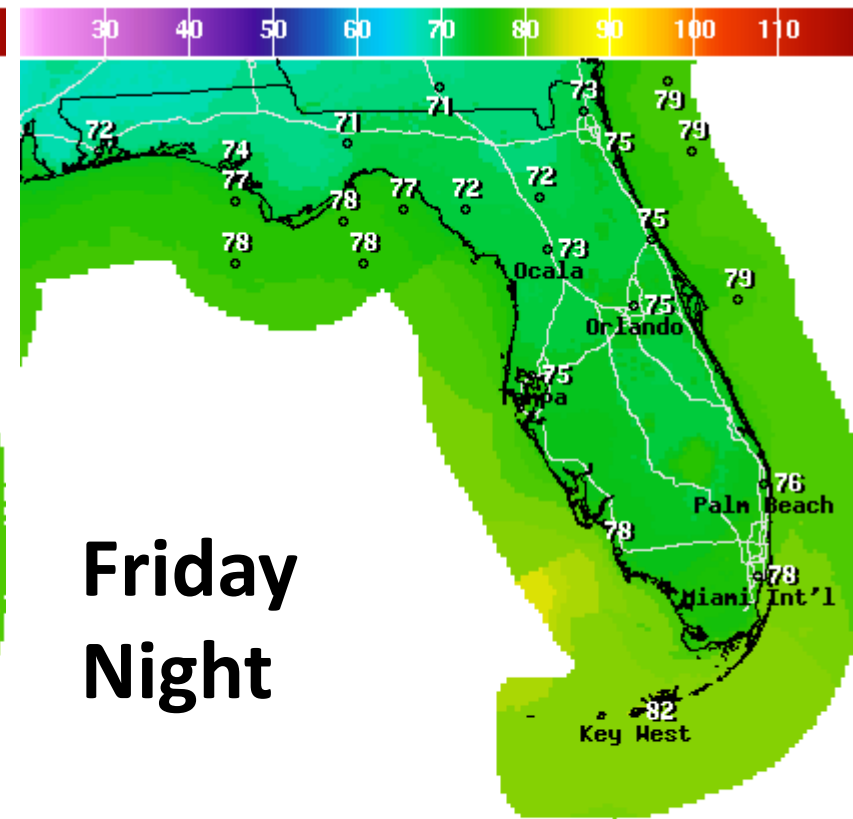
# Low Temperatures Next 3 Days



**Tonight**



**Thursday  
Night**



**Friday  
Night**

Low Temperature(F) Ending Thu Sep 24 2020 8AM EDT  
(Thu Sep 24 2020 12Z)  
National Digital Forecast Database  
15z issuance Graphic created-Sep 23 11:09AM EDT

Low Temperature(F) Ending Fri Sep 25 2020 8AM EDT  
(Fri Sep 25 2020 12Z)  
National Digital Forecast Database  
15z issuance Graphic created-Sep 23 11:09AM EDT

Low Temperature(F) Ending Sat Sep 26 2020 8AM EDT  
(Sat Sep 26 2020 12Z)  
National Digital Forecast Database  
13z issuance Graphic created-Sep 23 9:11AM EDT

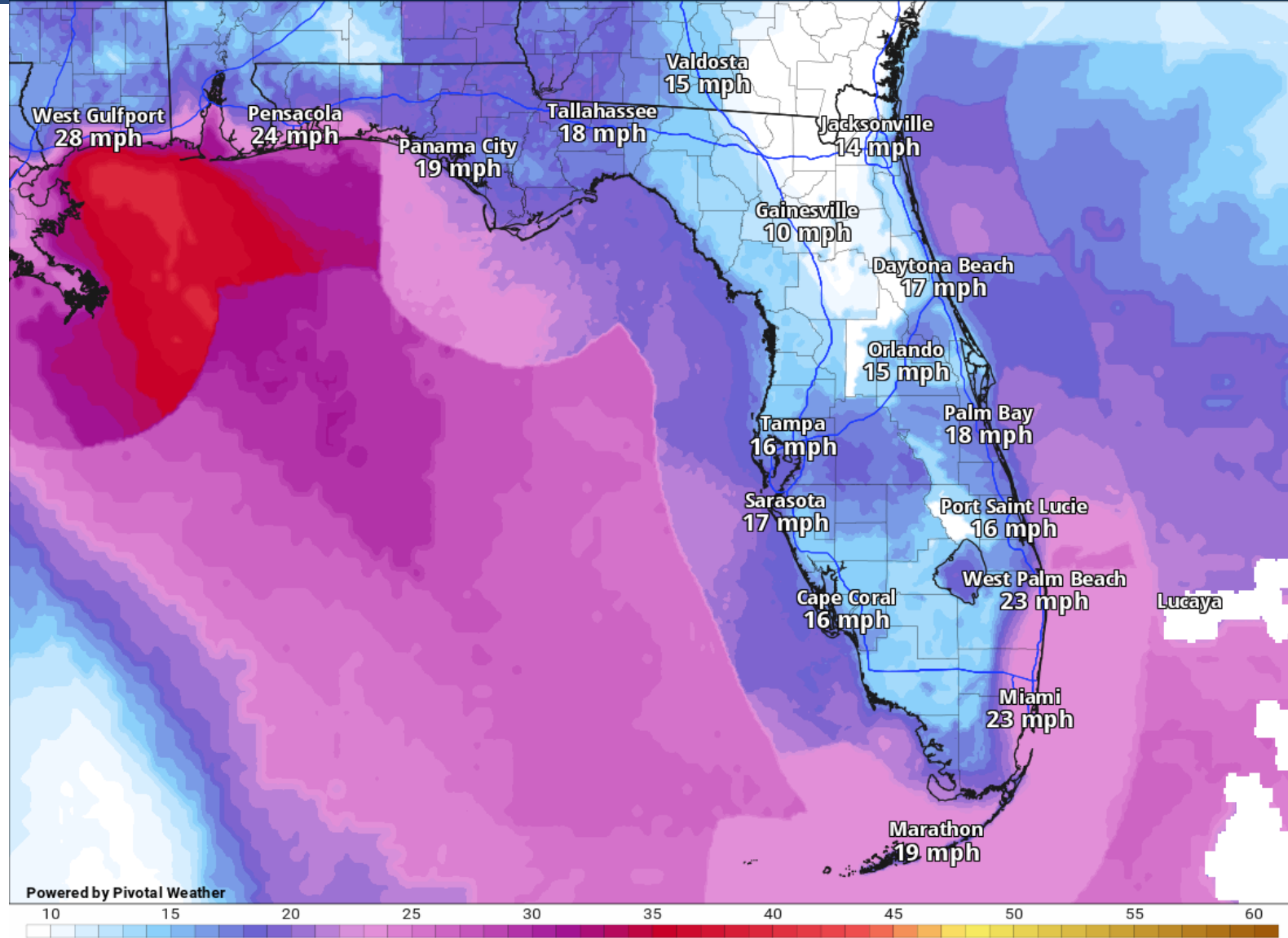
**Temperatures slowly increase through the week statewide. Humidity also gradually increases.**



# Max Wind Gusts Next 24 Hours

24-hr Max Wind Gusts (mph)  
Ending Thursday, Sep. 24, 2020 at 11 a.m. EDT

NWS NDFD - 09/23/2020 15z



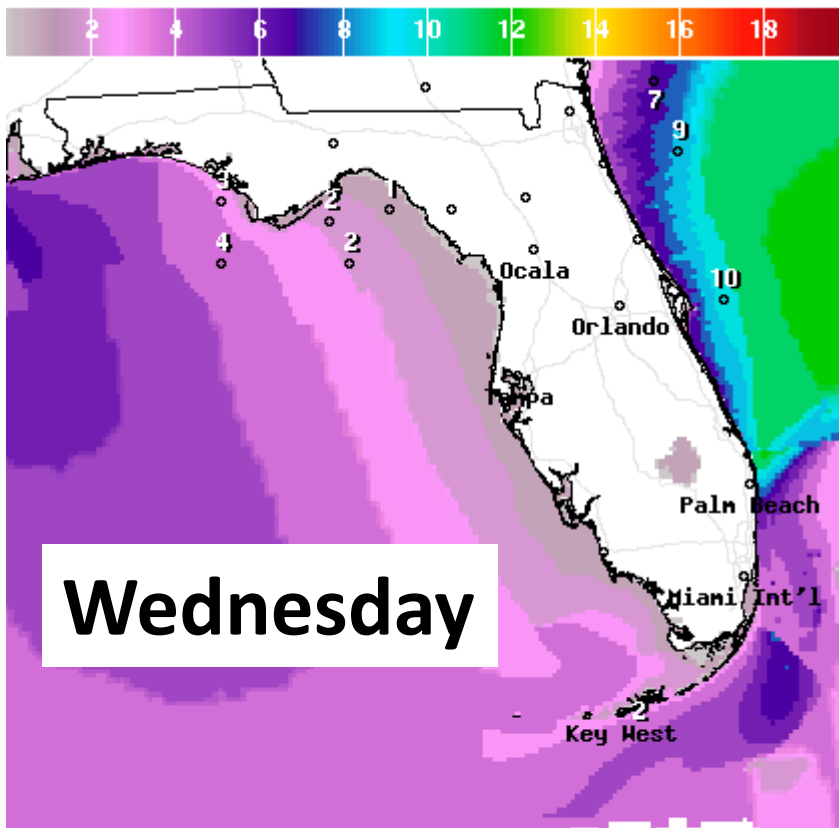
Winds will subside along the East Coast, but gusts of 20-25 mph are still possible.

Winds will increase along the Panhandle coast with gusts of 20-30 mph possible.





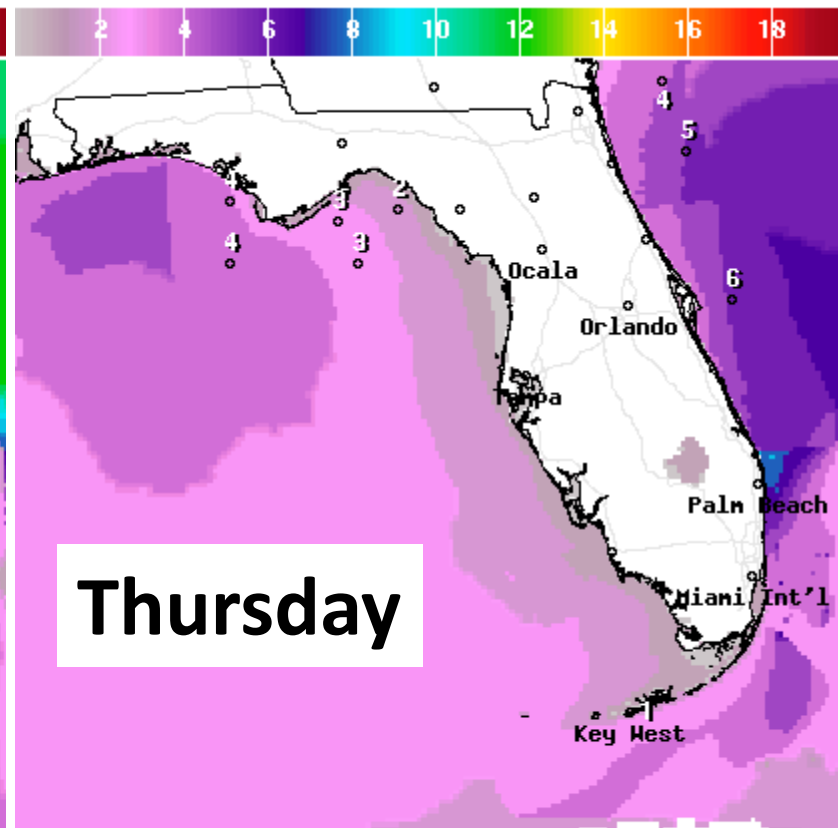
# Wave Heights Through Mid-week



Wave Height(ft) Ending Wed Sep 23 2020 8PM EDT  
(Thu Sep 24 2020 00Z)

National Digital Forecast Database

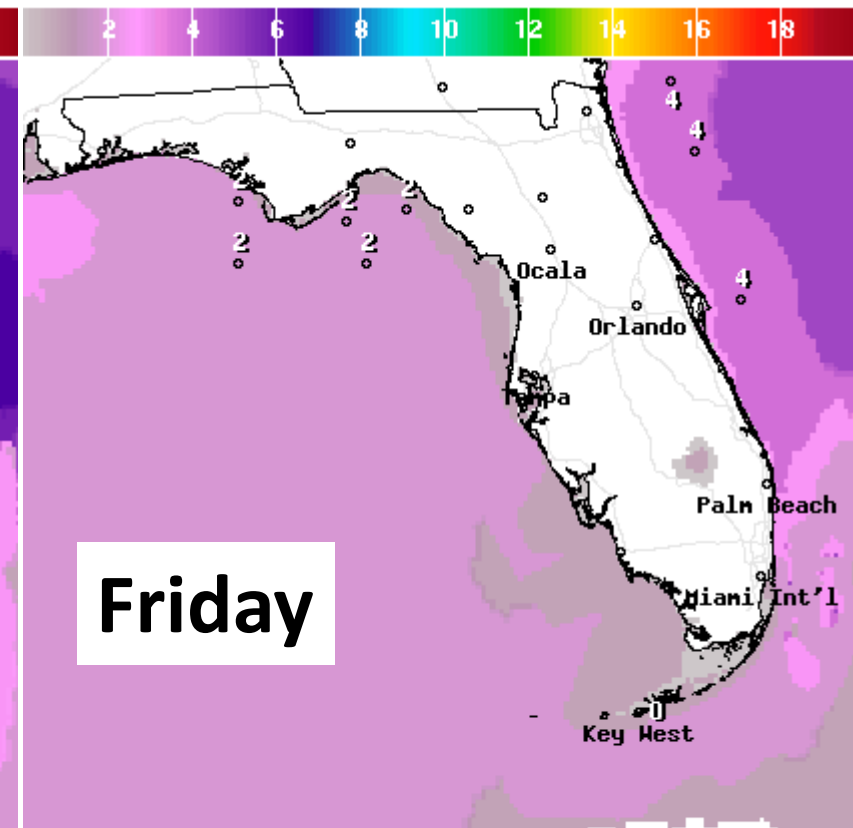
13z issuance Graphic created-Sep 23 9:21AM EDT



Wave Height(ft) Ending Thu Sep 24 2020 8PM EDT  
(Fri Sep 25 2020 00Z)

National Digital Forecast Database

15z issuance Graphic created-Sep 23 11:13AM EDT



Wave Height(ft) Ending Fri Sep 25 2020 8PM EDT  
(Sat Sep 26 2020 00Z)

National Digital Forecast Database

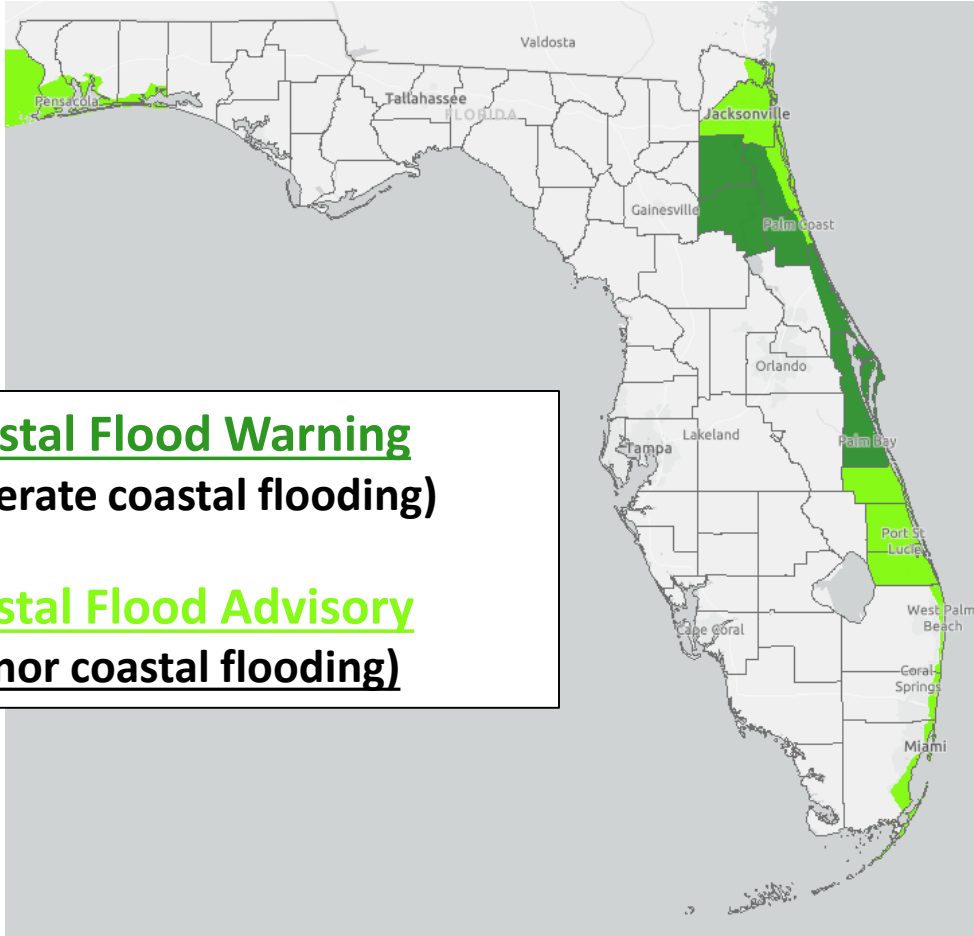
15z issuance Graphic created-Sep 23 11:13AM EDT

**Large swells continue on Wednesday and gradually decrease on Thursday and through the end of the week**



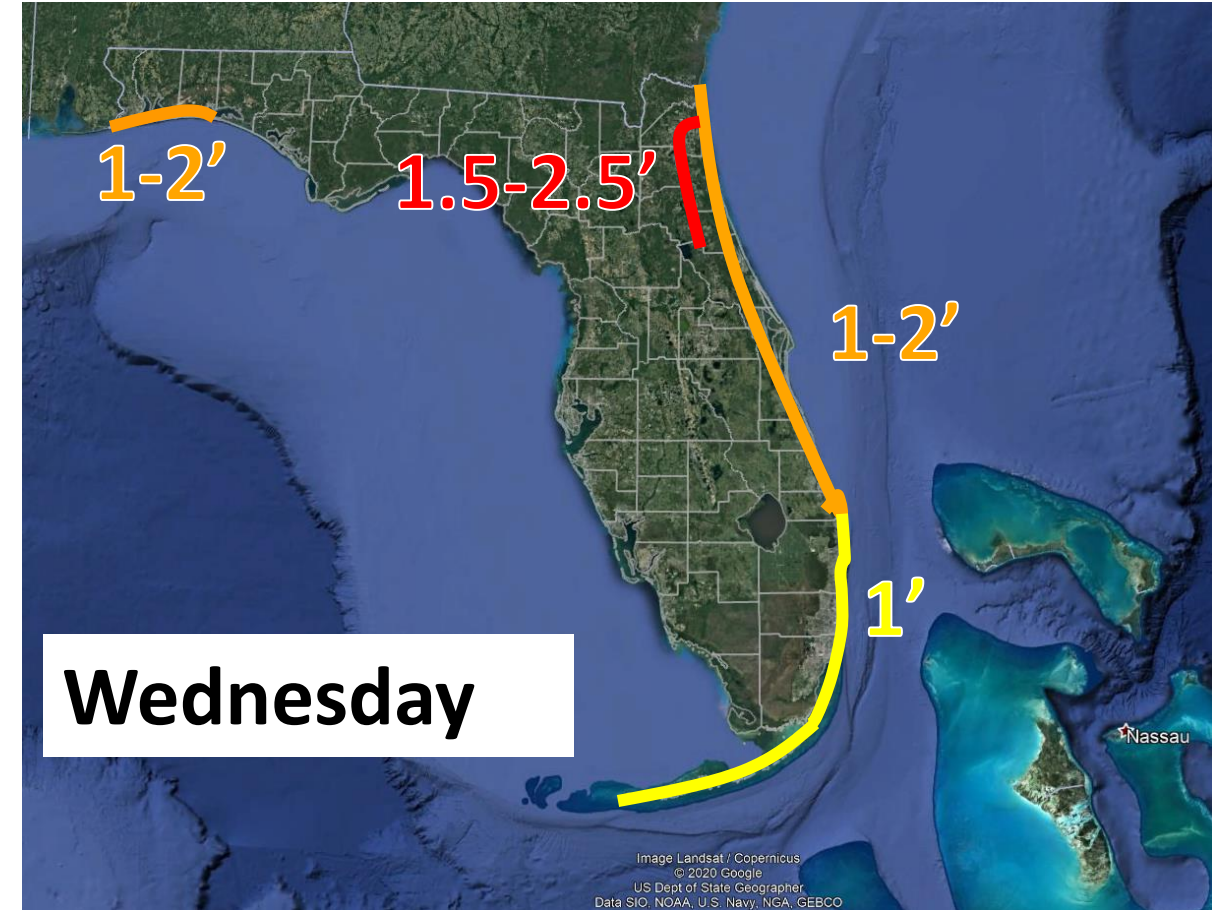
# Coastal Flooding

Wednesday



**Coastal Flood Warning**  
(moderate coastal flooding)

**Coastal Flood Advisory**  
(minor coastal flooding)



**Minor to moderate coastal flooding is expected today along the tidal St. Johns River with nuisance to minor coastal flooding elsewhere along the East Coast. Minor coastal flooding becomes possible in the western Panhandle this afternoon into tonight.**

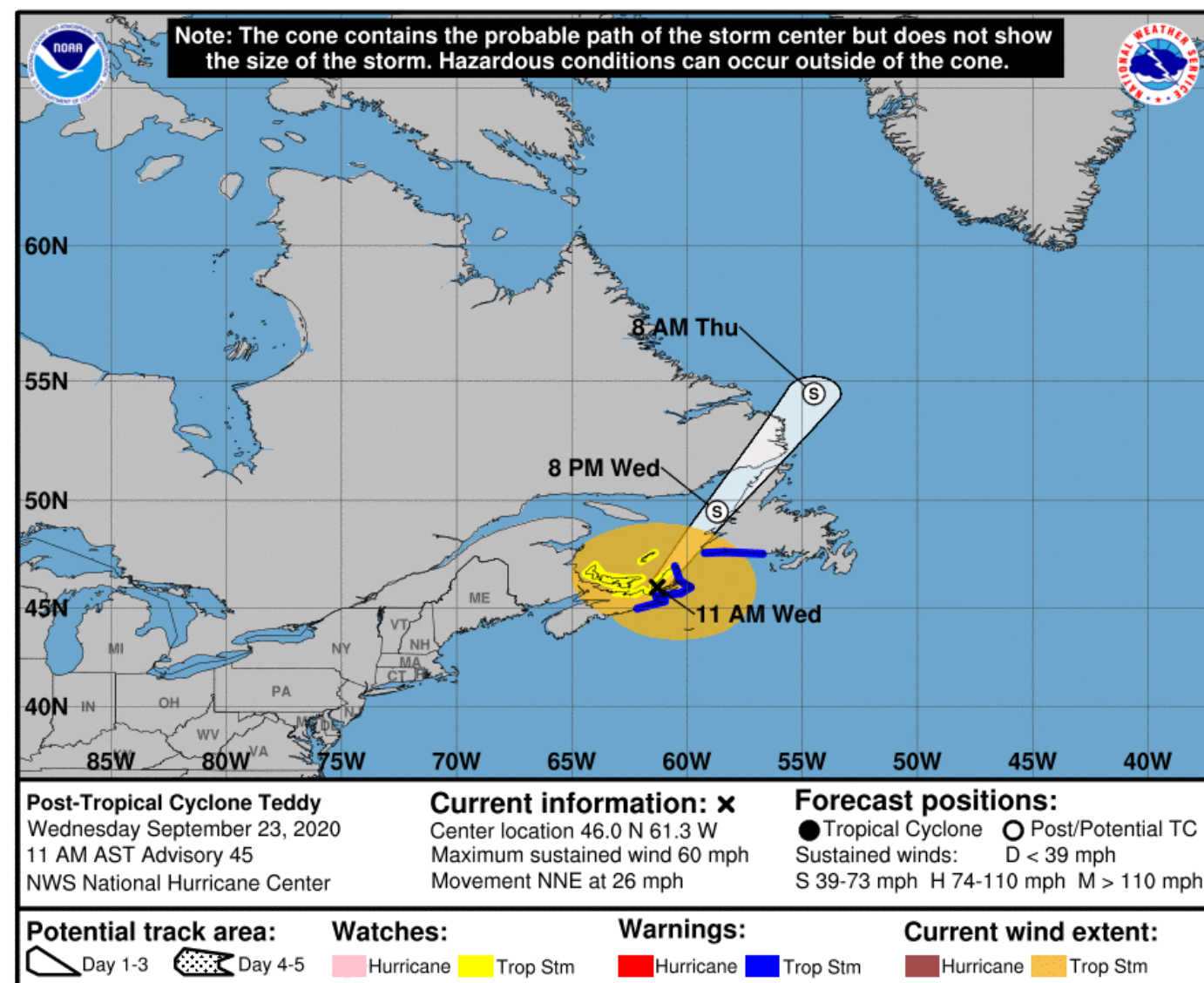




# Official Forecast Track

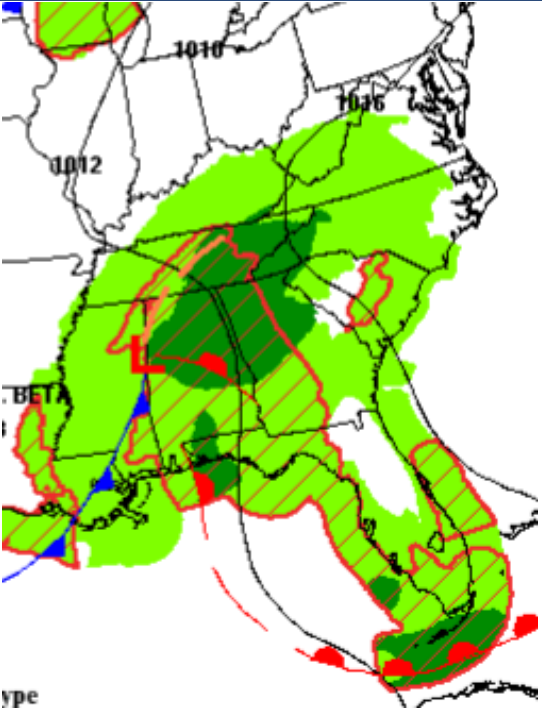
## From the National Hurricane Center – Post Trop. Cyclone Teddy

- The center of Teddy is located about 150 miles northeast of Halifax, Nova Scotia
- Maximum sustained winds are at 60 mph.
- Teddy is moving north-northeast at 26 mph
- Teddy's large wind field and all the energy from Teddy will continue to produce dangerous swells over the western Atlantic for several more days.

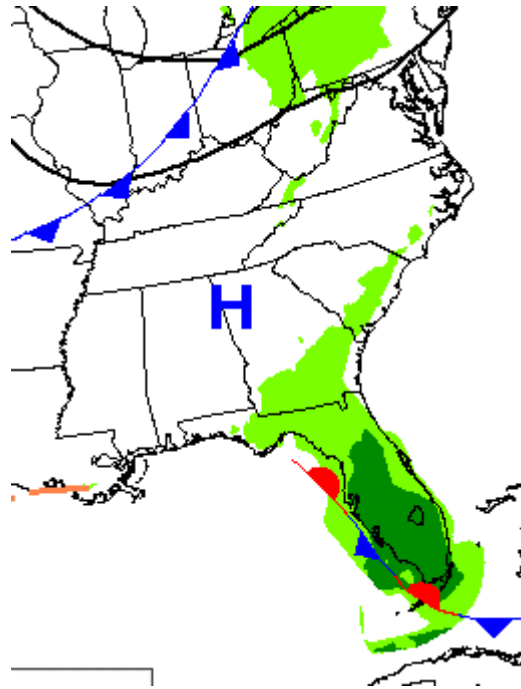




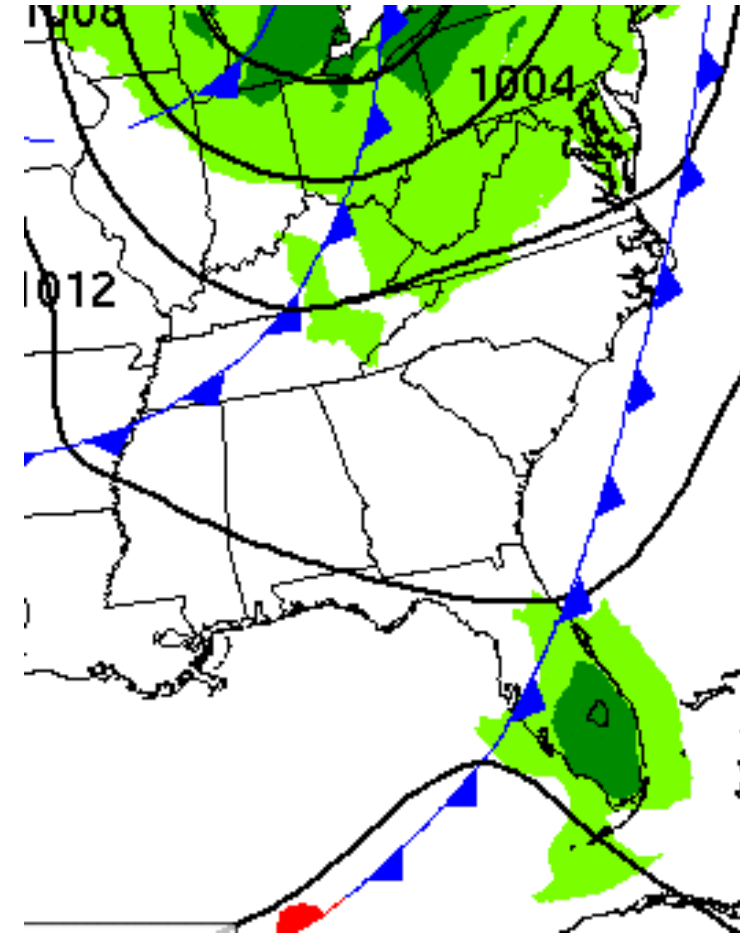
# Looking Ahead This Week...



Thursday/Friday



Saturday/Sunday



Early Next Week

Higher Than Normal Rain Chances  
Late Week/Weekend – Stalled Front



# Overall Summary

## Post-Tropical Cyclone Beta

- Beta lost its tropical characteristics over southeast Texas, but is still producing heavy rainfall over parts of Texas, Louisiana, Arkansas, and Mississippi
- Beta's remnants will move over the Southeast U.S. over the next couple days, bringing locally heavy rainfall and possible severe weather.

## Post-Tropical Cyclone Teddy

- Teddy has lost its tropical characteristics over Atlantic Canada.
- However, Teddy's large wind field will continue producing large swells over the western Atlantic for a few more days.

## Post-Tropical Cyclone Paulette

- Paulette degenerated into a post-tropical cyclone last night over the northeastern Atlantic.

## Florida Outlook:

- **River Flood Warnings** continue for a few rivers in the Panhandle. Rivers have crested in all but the lower Apalachicola and lower Chipola. These will be slow to recede into this weekend.
- Scattered showers are possible in the western Panhandle, with better rain chances Thursday and Friday.
- 1-2" of locally heavy rainfall expected in the Panhandle on Thursday from the remnants of Beta. Isolated flash flooding is possible with these low rainfall totals given how saturated soils are from Sally.
- Isolated severe storms with gusty winds of 40-60 mph and isolated tornadoes are possible in the Panhandle on Thursday.
- Significant coastal flooding is ongoing today along the East Coast and will gradually wane over the next few days, including the St. Johns River. **Coastal Flood Warnings and Advisories** are in effect.
- The combination of strong northerly winds and swells from Teddy will create very high surf along the East Coast this week. Beach erosion and dangerous rip currents are expected!
- Isolated minor coastal flooding is also possible in the western Panhandle today and Thursday due to strong southeasterly winds.

This is the final tropics packet for this system. Future hydrology packets with a focus on the rivers and coastal flooding will be posted in Info Message #0009 in WebEOC. Recovery Weather Summaries are also being posted daily in Info Message #0198. For the latest information on the tropics, please visit the National Hurricane Center website at [www.hurricanes.gov](http://www.hurricanes.gov).





# TROPICAL UPDATE



Created by:

Cameron Young, Assistant State Meteorologist

[Cameron.Young@em.myflorida.com](mailto:Cameron.Young@em.myflorida.com)

State Meteorological Support Unit

Florida Division of Emergency Management

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