



TROPICAL UPDATE



12:00 PM EDT

Tuesday, September 22, 2020

Panhandle River Flooding

Hurricane Teddy, TD Beta, TS Paulette, FL Front (10%)

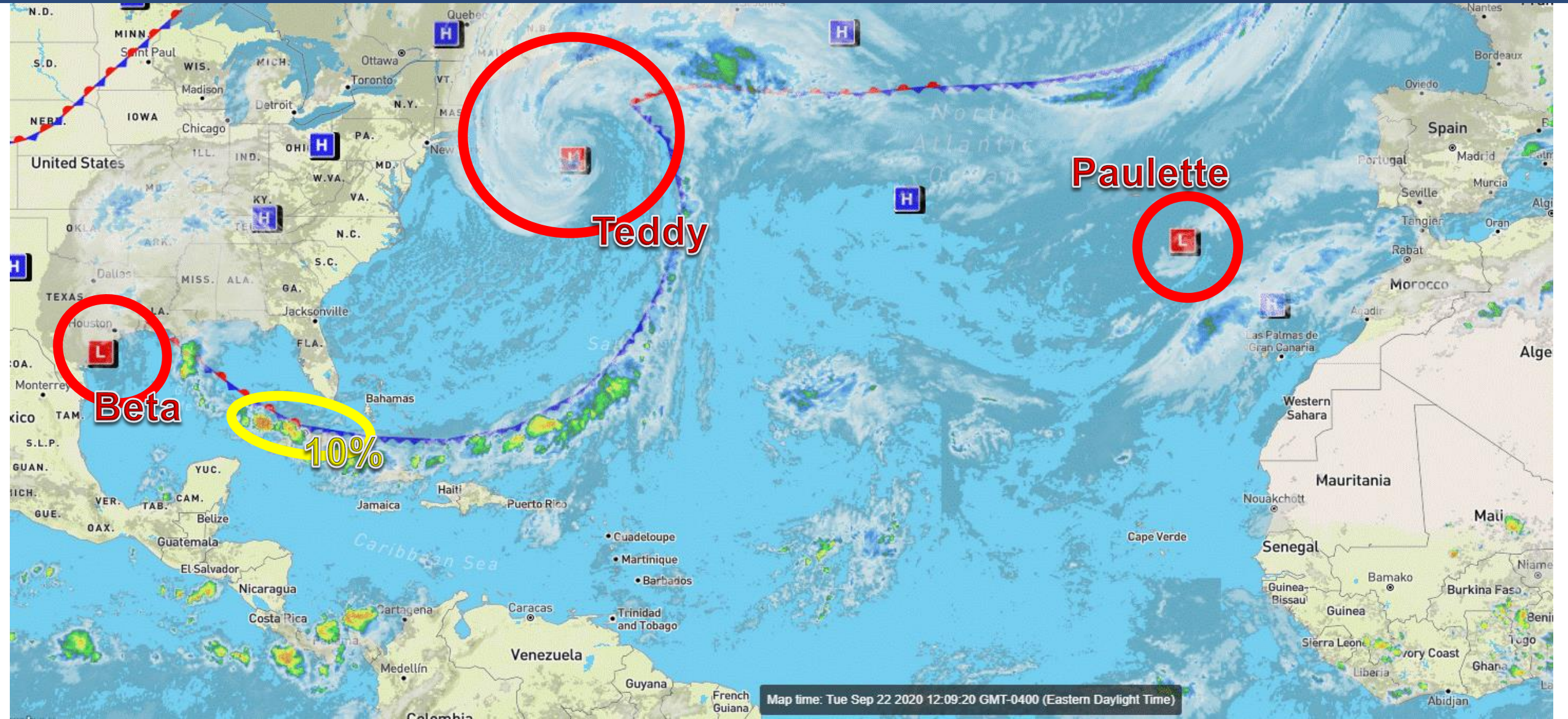
East Coast Coastal Flooding/Beach Erosion Event

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





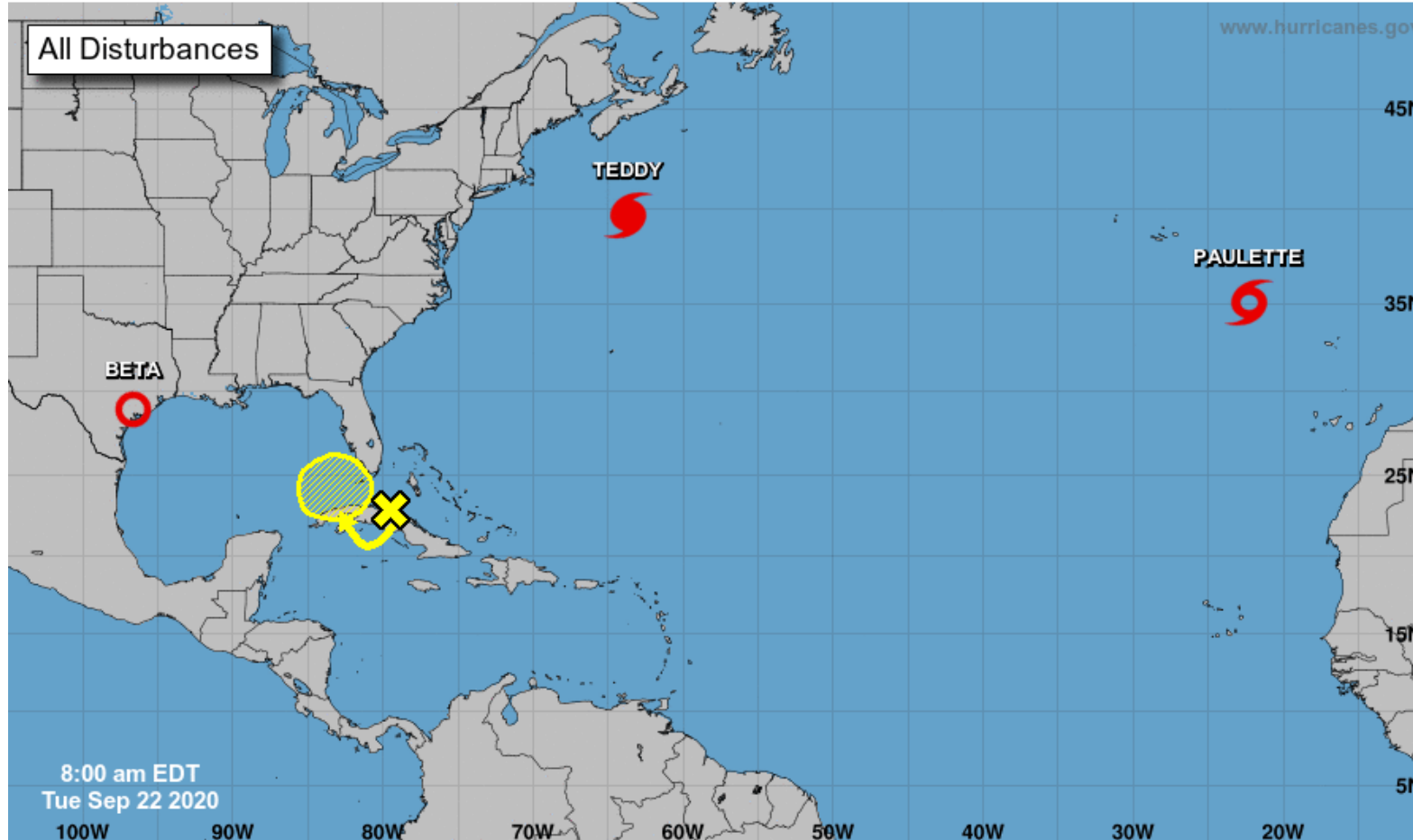
Tropical Weather Outlook

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%

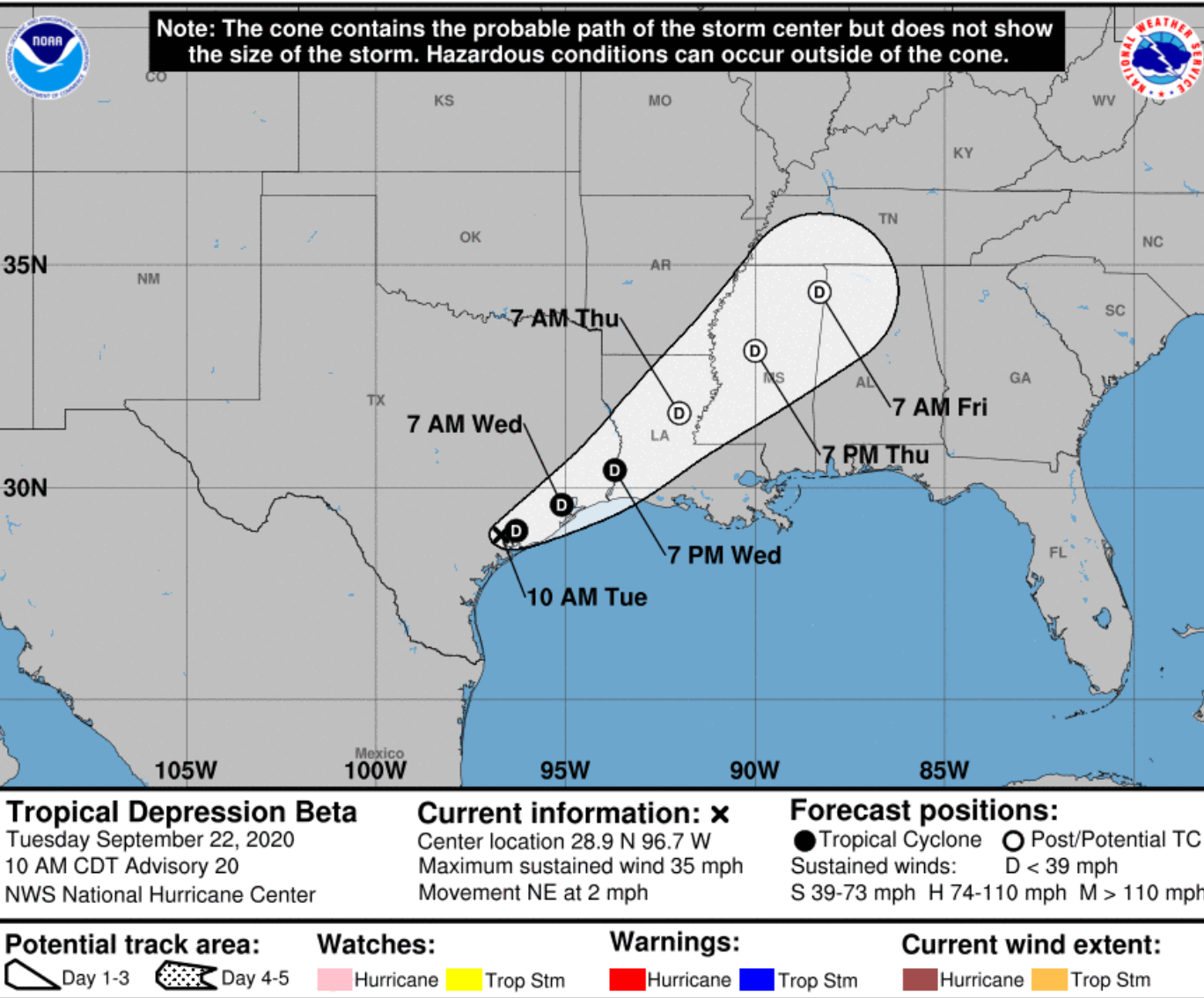
Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane

Post-Tropical Cyclone or Remnants



Official Forecast Track

From the National Hurricane Center – Tropical Dep. Beta

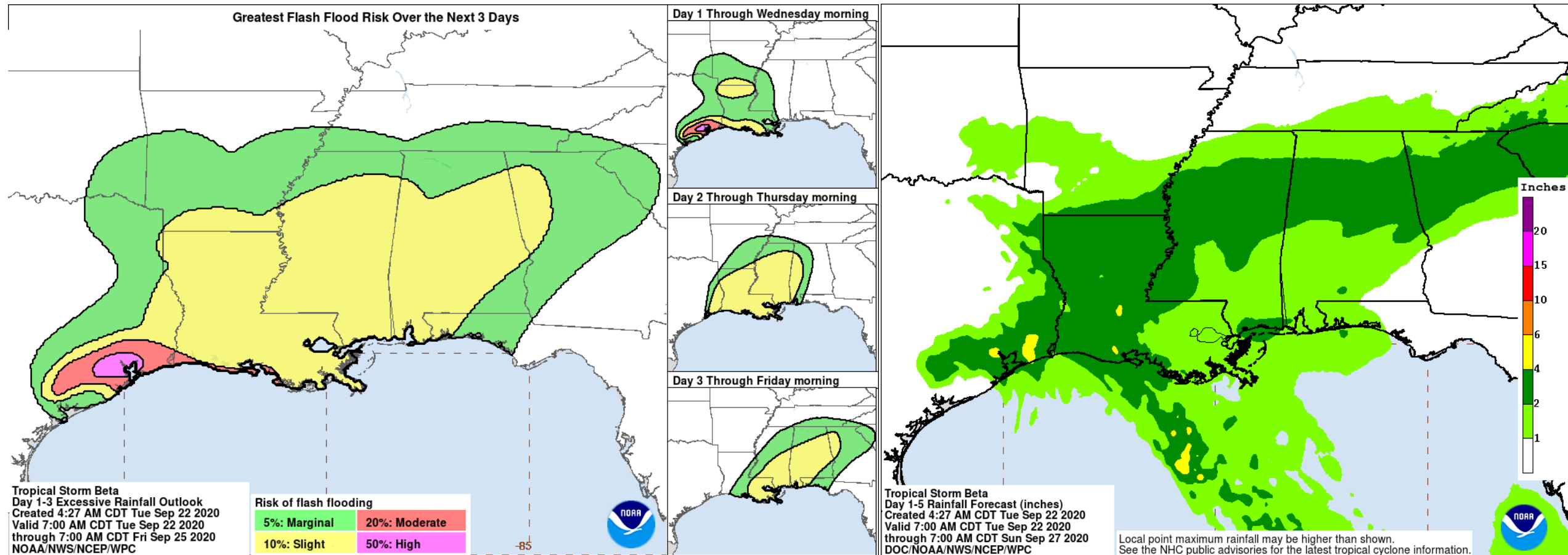


- Beta made landfall near Port O'Connor, Texas overnight and remains stalled out over the area.
- Maximum sustained winds are at 35 mph and continued weakened is expected.
- Beta will begin to move northeast tonight and head into the lower Mississippi River Valley later in the week.



Tropical Depression Beta

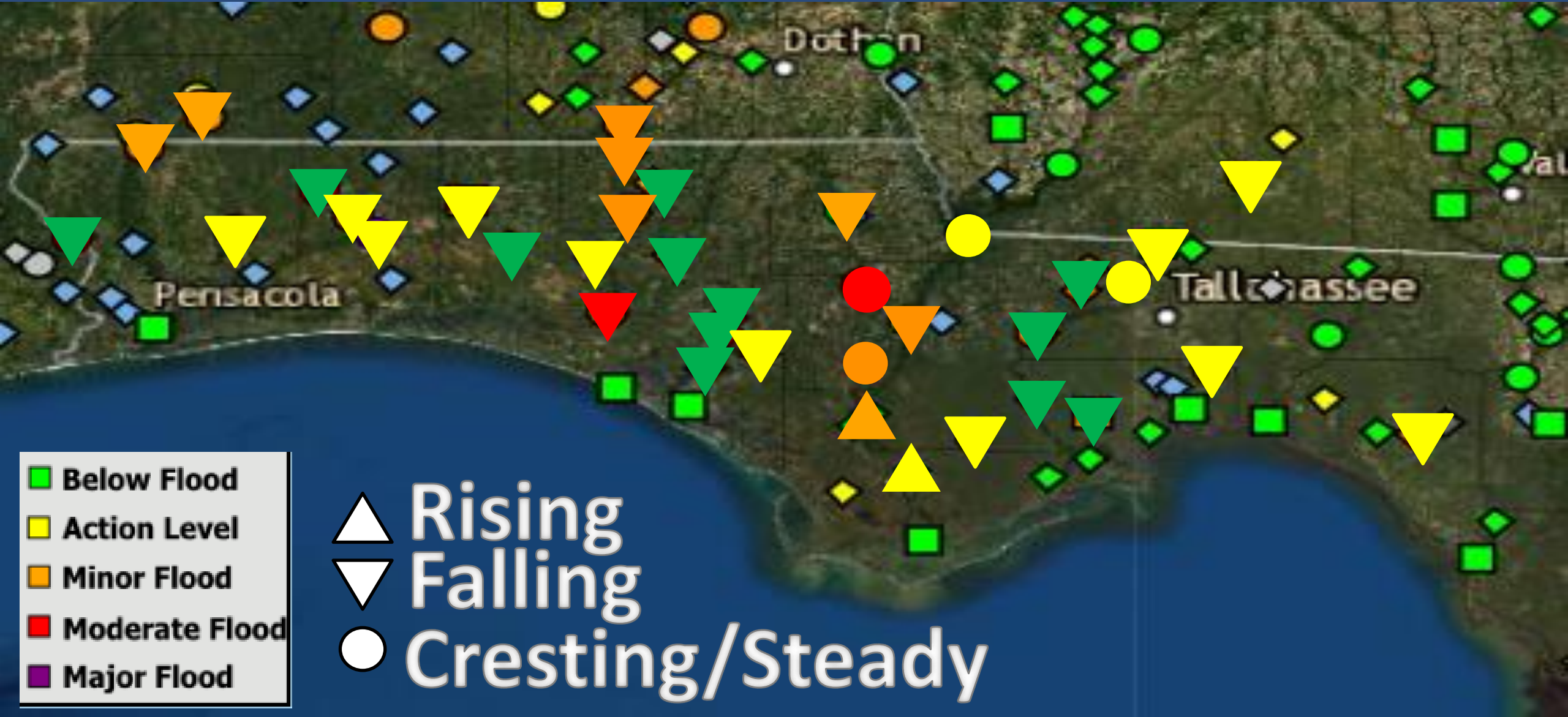
Flood Threat and Forecast Rainfall This Week



- The Flash Flood Threat associated with Beta will occur on Thursday in the Panhandle. 1-2" of rain expected creating a flash flood threat given how saturated soils are from Sally.



Current River Status





Latest River Forecasts

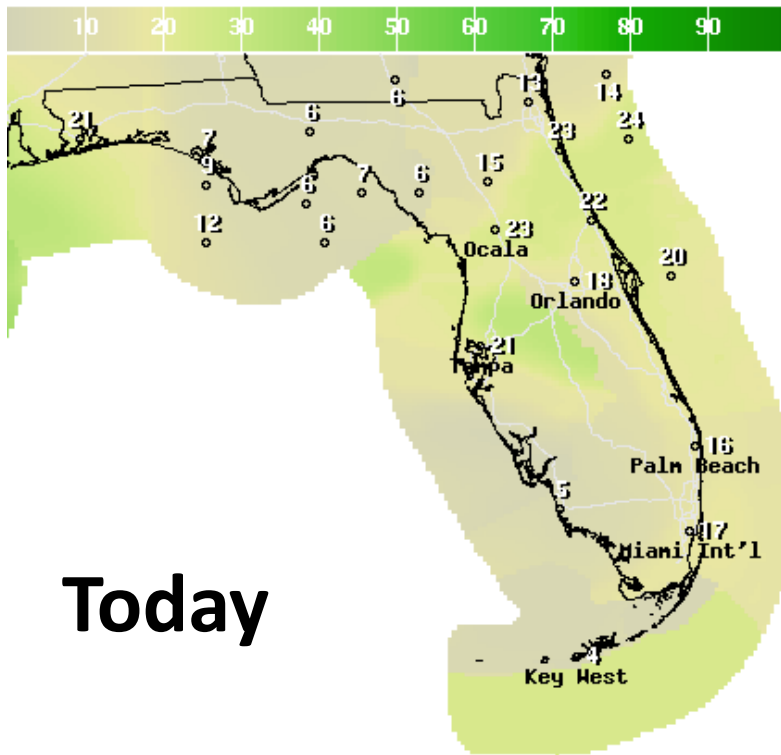
Southeast River Forecast Center

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

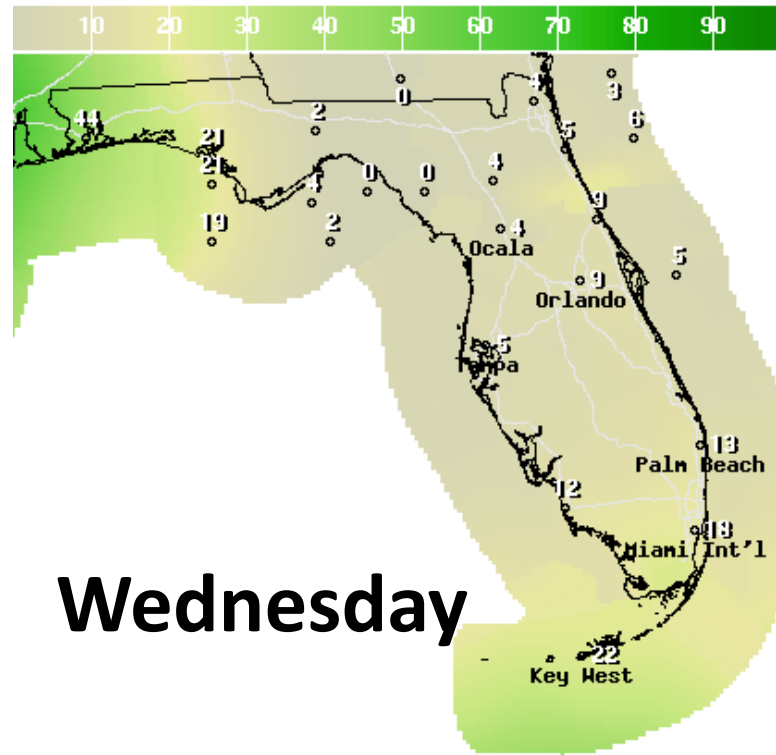


Rain Chances Next 3 Days



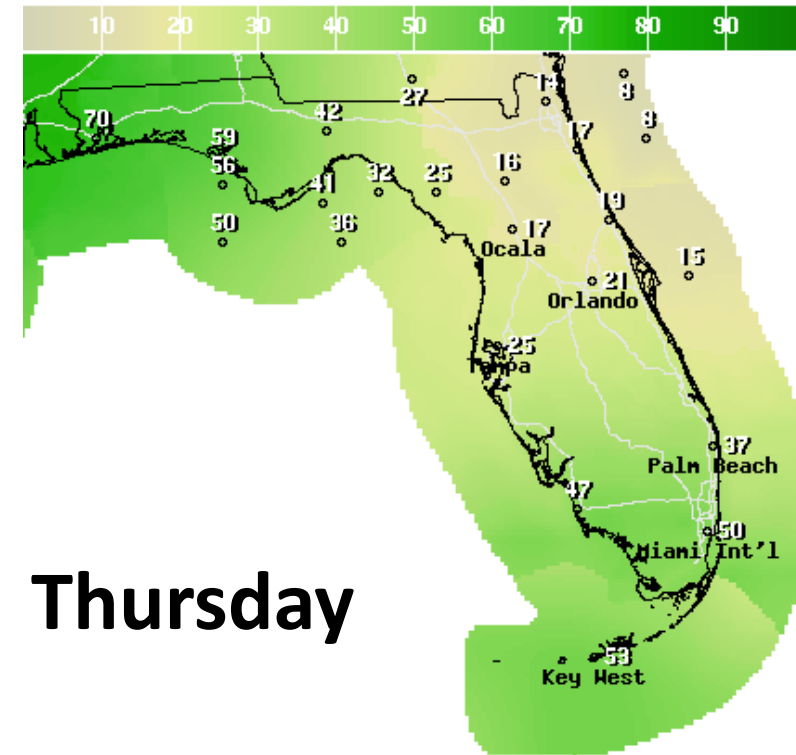
Today

12Hr Prob.Precip(%) Ending Tue Sep 22 2020 8PM EDT
(Wed Sep 23 2020 00Z)
National Digital Forecast Database
16z issuance Graphic created-Sep 22 12:35PM EDT



Wednesday

12Hr Prob.Precip(%) Ending Wed Sep 23 2020 8PM EDT
(Thu Sep 24 2020 00Z)
National Digital Forecast Database
16z issuance Graphic created-Sep 22 12:35PM EDT



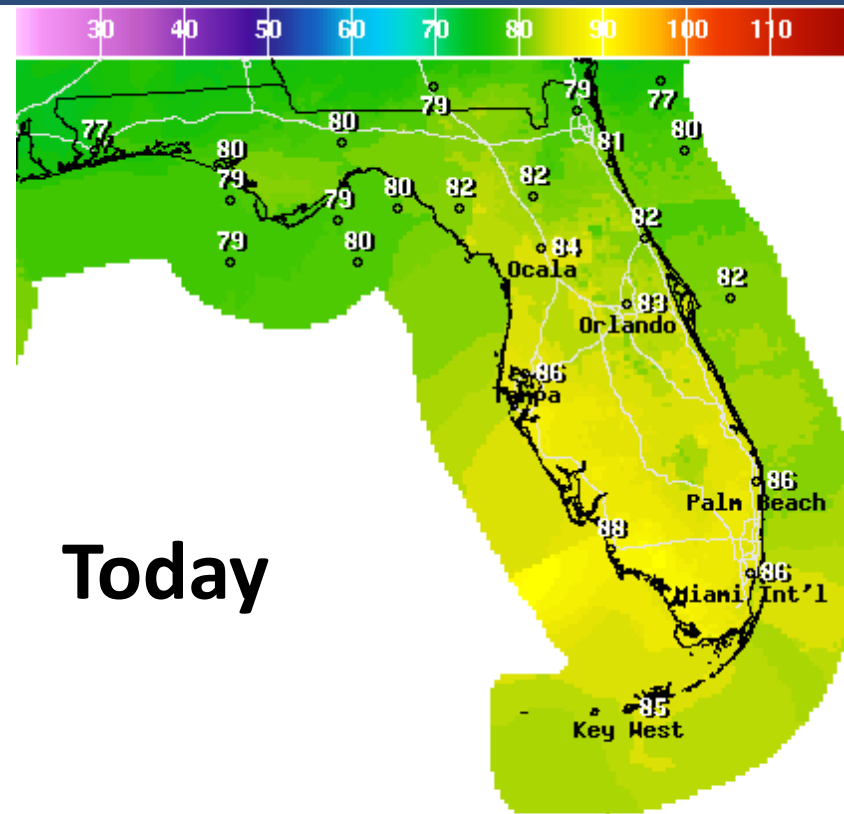
Thursday

12Hr Prob.Precip(%) Ending Thu Sep 24 2020 8PM EDT
(Fri Sep 25 2020 00Z)
National Digital Forecast Database
16z issuance Graphic created-Sep 22 12:35PM EDT

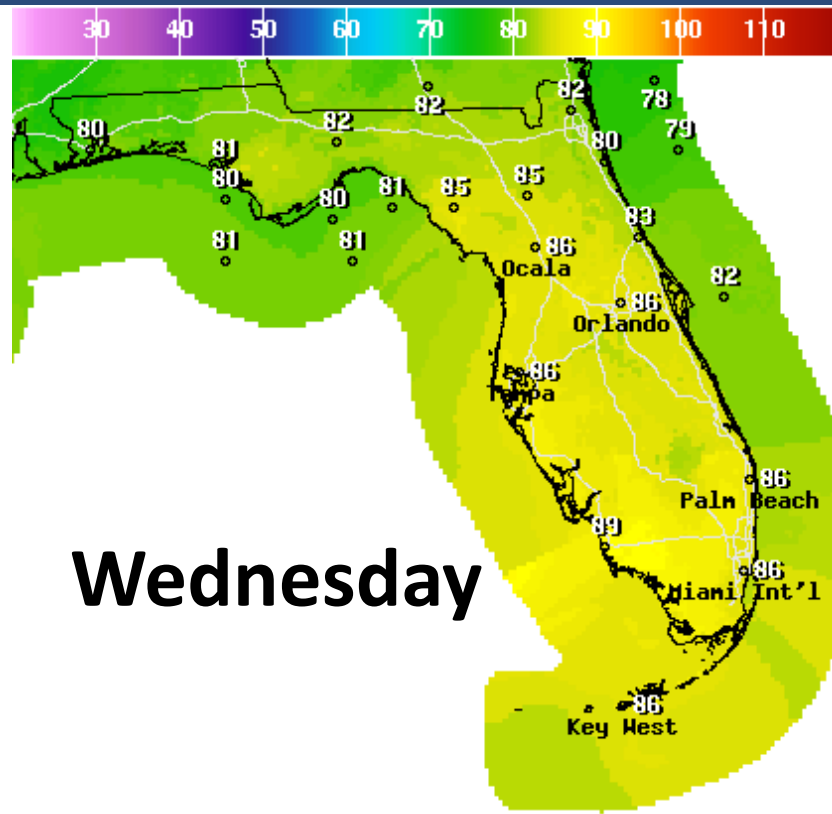
Isolated showers possible in the Panhandle Wednesday. Rain chances increase across the state on Thursday as a front and moisture from Beta moves in.



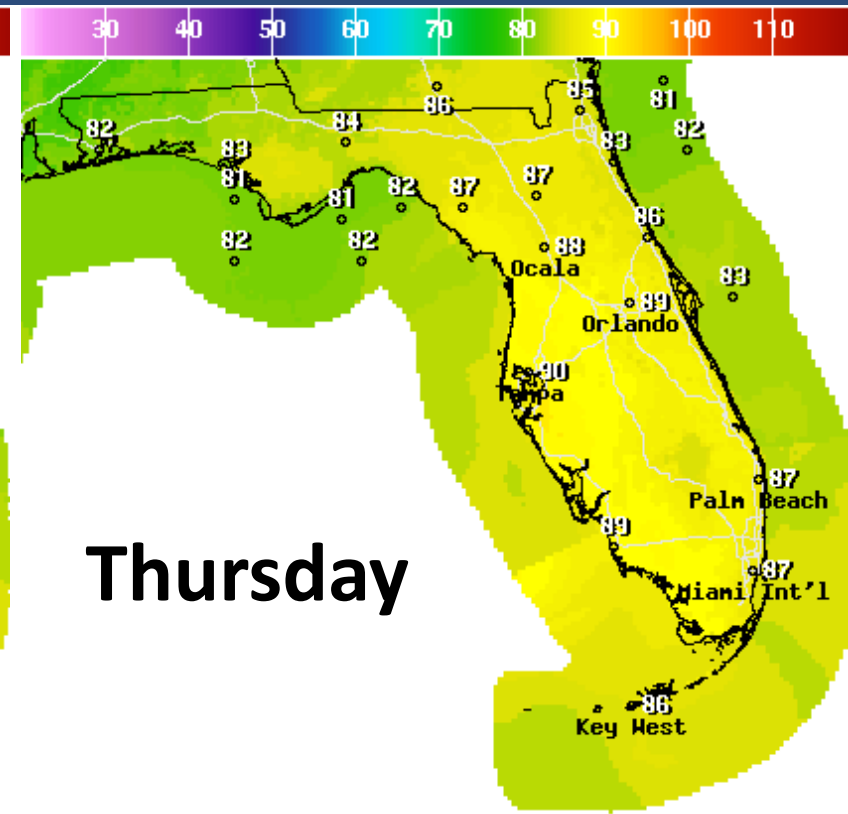
High Temperatures Next 3 Days



Today



Wednesday



Thursday

High Temperature(F) Ending Tue Sep 22 2020 8PM EDT
(Wed Sep 23 2020 00Z)
National Digital Forecast Database
16z issuance Graphic created-Sep 22 12:26PM EDT

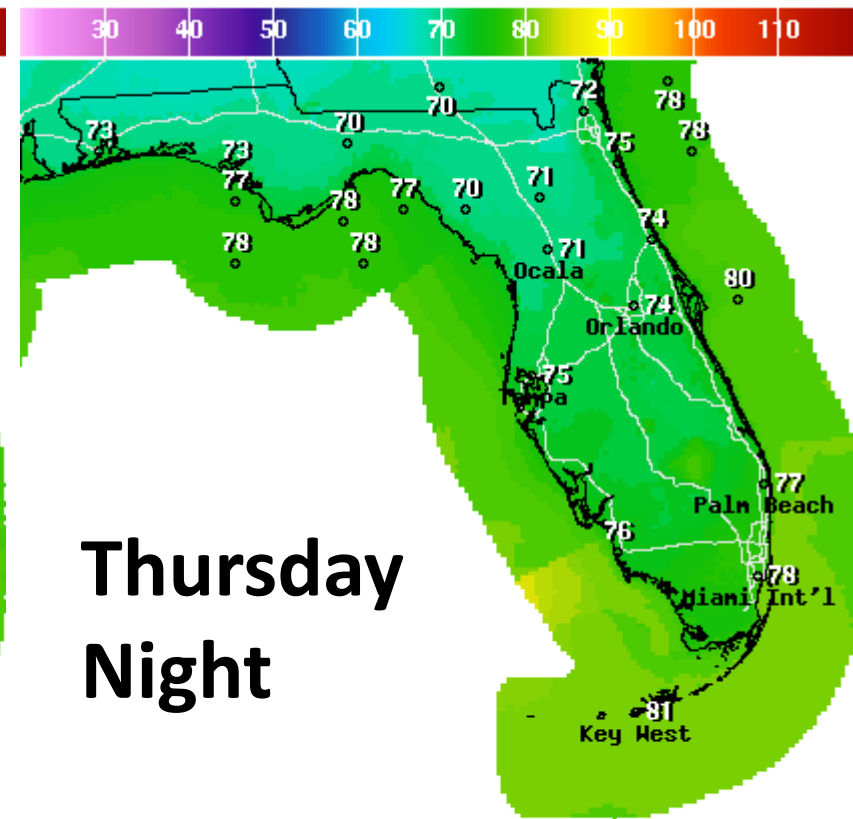
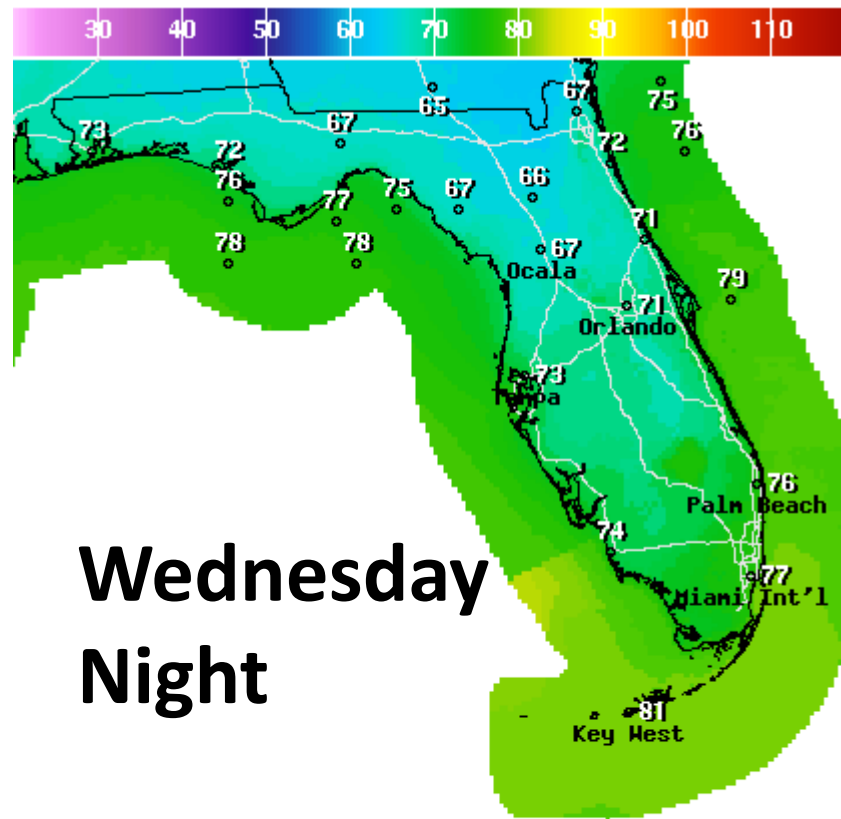
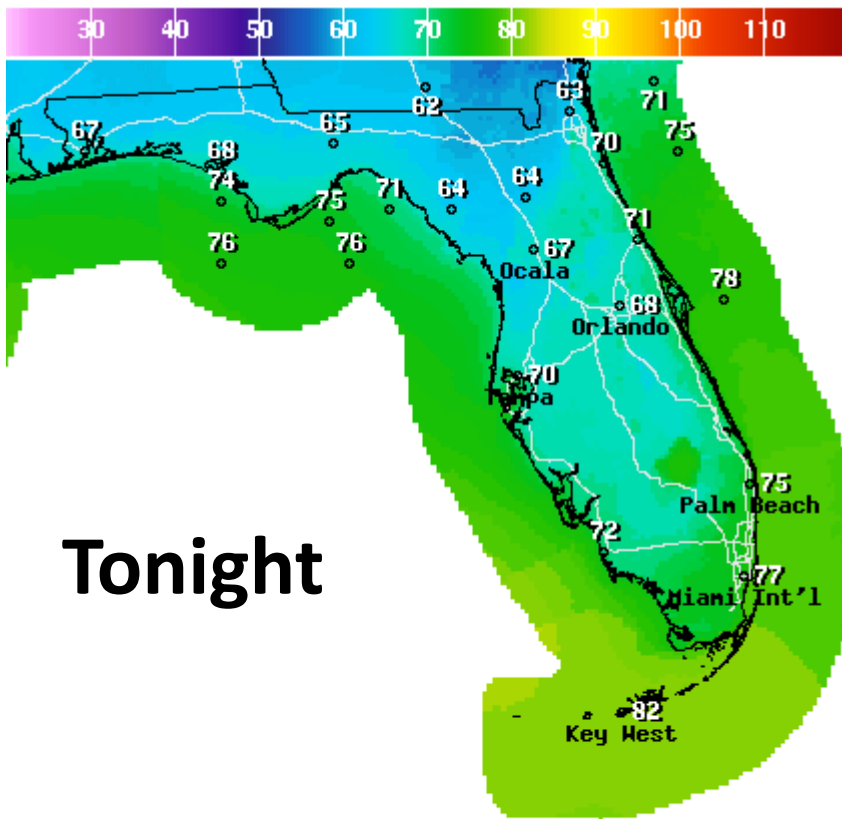
High Temperature(F) Ending Wed Sep 23 2020 8PM EDT
(Thu Sep 24 2020 00Z)
National Digital Forecast Database
16z issuance Graphic created-Sep 22 12:26PM EDT

High Temperature(F) Ending Thu Sep 24 2020 8PM EDT
(Fri Sep 25 2020 00Z)
National Digital Forecast Database
16z issuance Graphic created-Sep 22 12:26PM EDT

Temperatures remain below normal across the state over the next few days with gradually increasing humidity.



Low Temperatures Next 3 Days



Low Temperature(F) Ending Wed Sep 23 2020 8AM EDT
(Wed Sep 23 2020 12Z)
National Digital Forecast Database
15z issuance Graphic created-Sep 22 11:16AM EDT

Low Temperature(F) Ending Thu Sep 24 2020 8AM EDT
(Thu Sep 24 2020 12Z)
National Digital Forecast Database
16z issuance Graphic created-Sep 22 12:27PM EDT

Low Temperature(F) Ending Fri Sep 25 2020 8AM EDT
(Fri Sep 25 2020 12Z)
National Digital Forecast Database
13z issuance Graphic created-Sep 22 9:11AM EDT

Temperatures remain below normal across the state over the next few days with gradually increasing humidity.



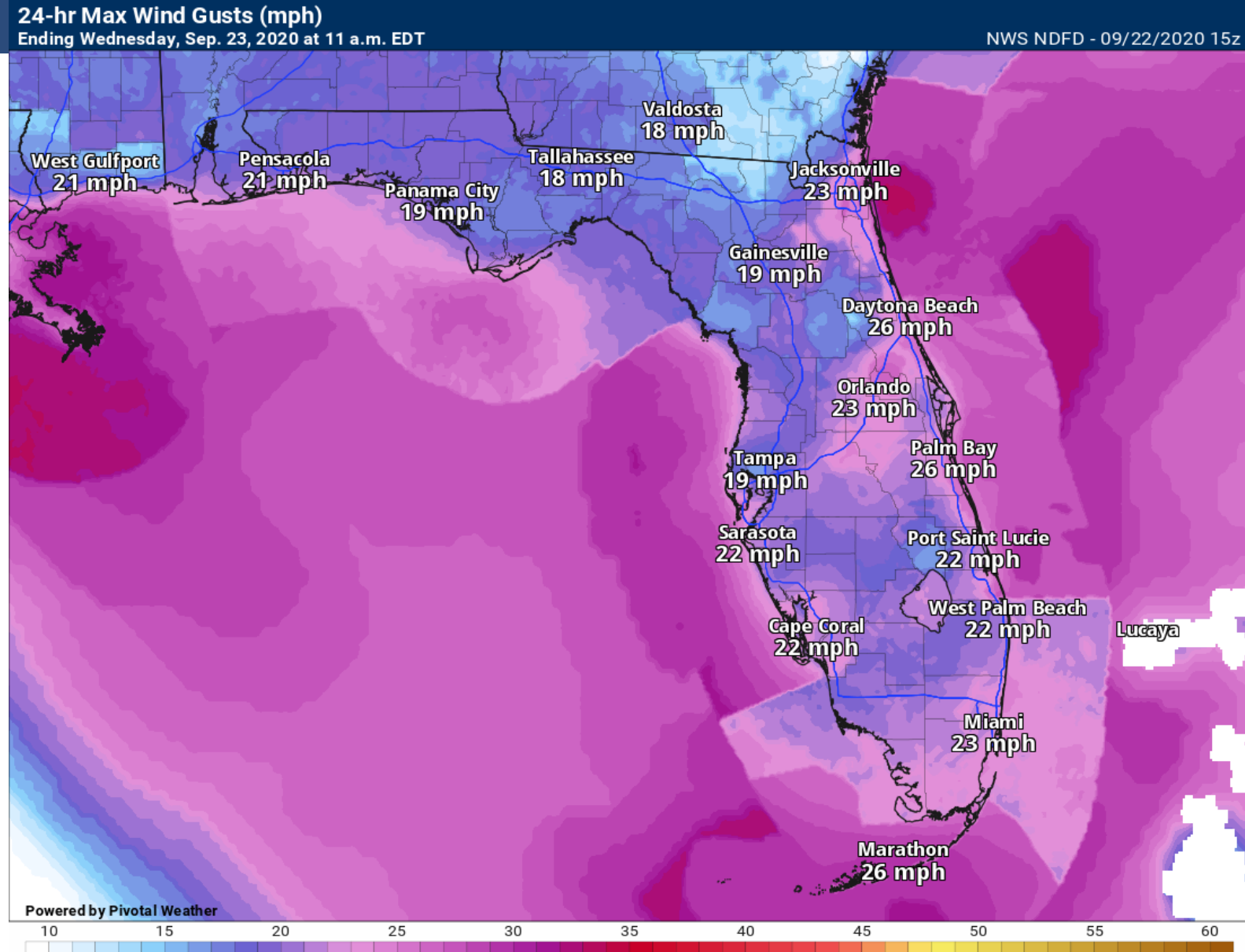
Max Wind Gusts Next 24 Hours

Strong northeast winds are expected along the East Coast again today.

Northeast winds of 15-25 mph with gusts of 30-45 mph are possible.

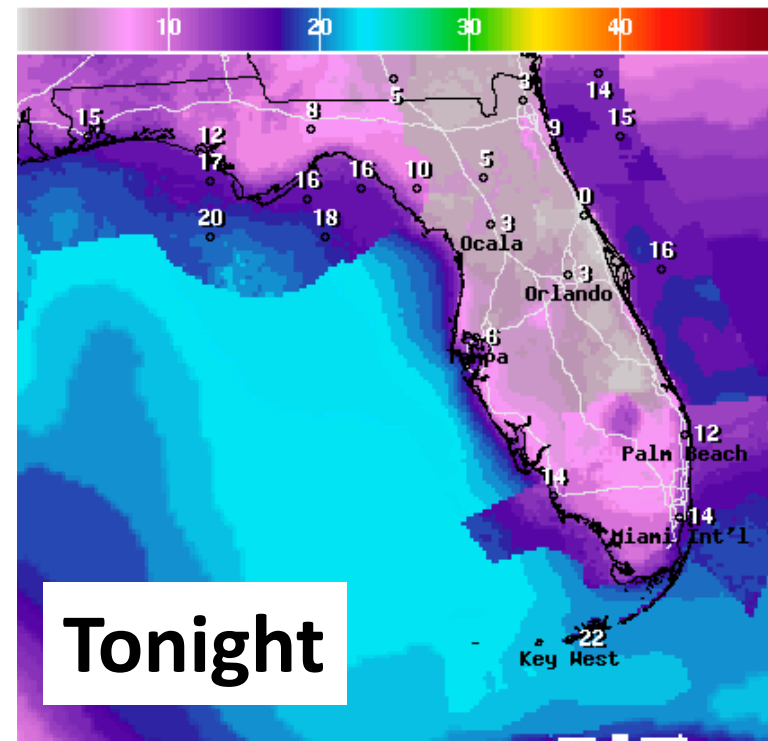
Wind Advisories in effect along the coast.

Lower gusts, but still breezy inland.



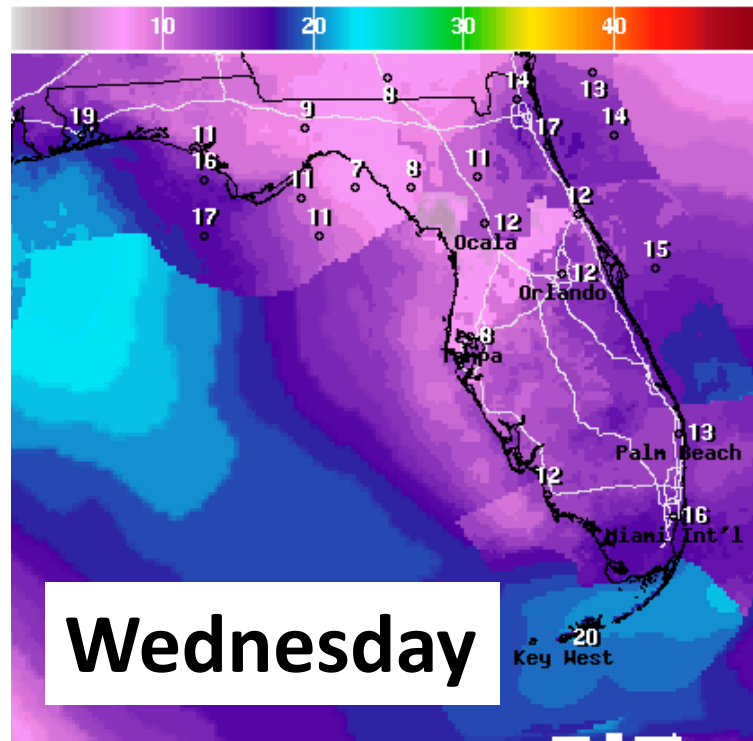


Wind Gusts Next 3 Days



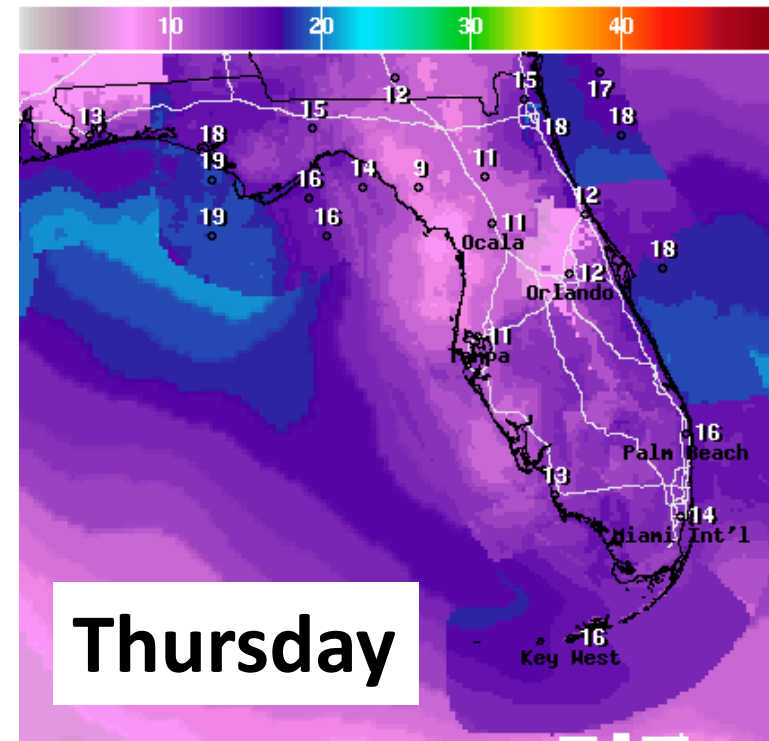
Wind Gust(Kts) Wed Sep 23 2020 5AM EDT
(Wed Sep 23 2020 09Z)

National Digital Forecast Database
16z issuance Graphic created-Sep 22 12:43PM EDT



Wind Gust(Kts) Wed Sep 23 2020 5PM EDT
(Wed Sep 23 2020 21Z)

National Digital Forecast Database
16z issuance Graphic created-Sep 22 12:43PM EDT



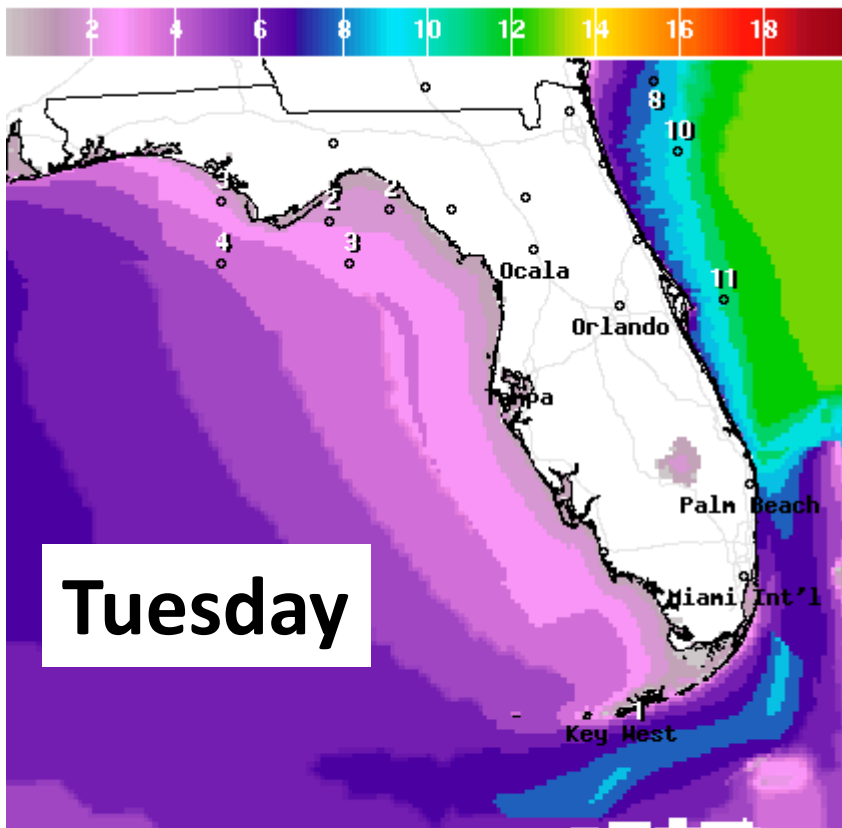
Wind Gust(Kts) Thu Sep 24 2020 5PM EDT
(Thu Sep 24 2020 21Z)

National Digital Forecast Database
16z issuance Graphic created-Sep 22 12:44PM EDT

Winds gradually decrease over the next few days, but still remain breezy.



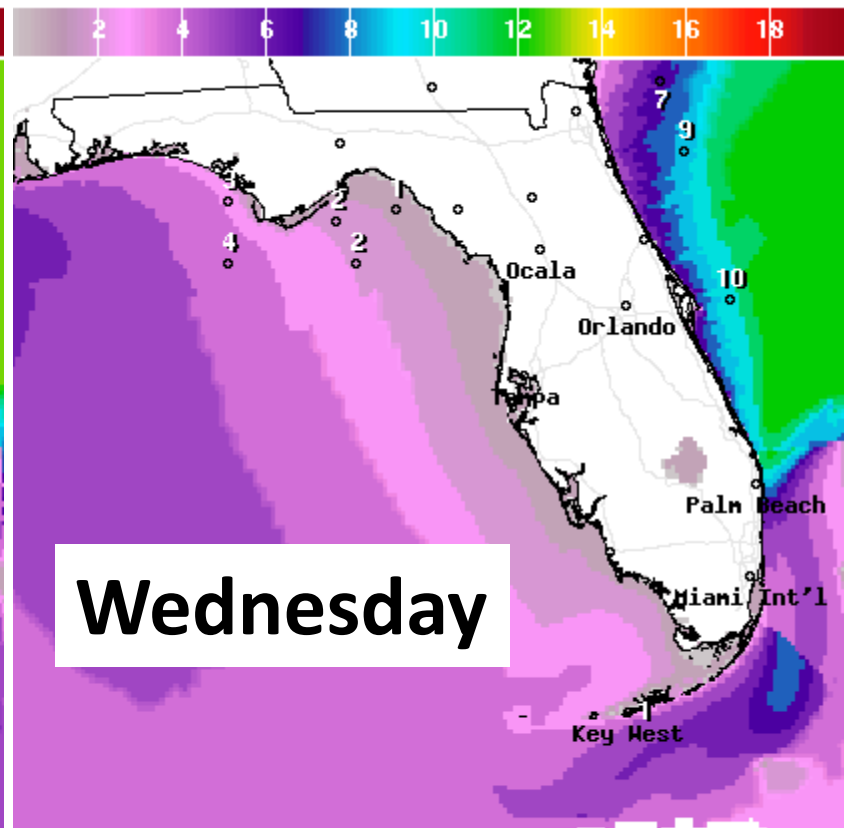
Wave Heights Through Mid-week



Wave Height(ft) Ending Tue Sep 22 2020 8PM EDT
(Wed Sep 23 2020 00Z)

National Digital Forecast Database

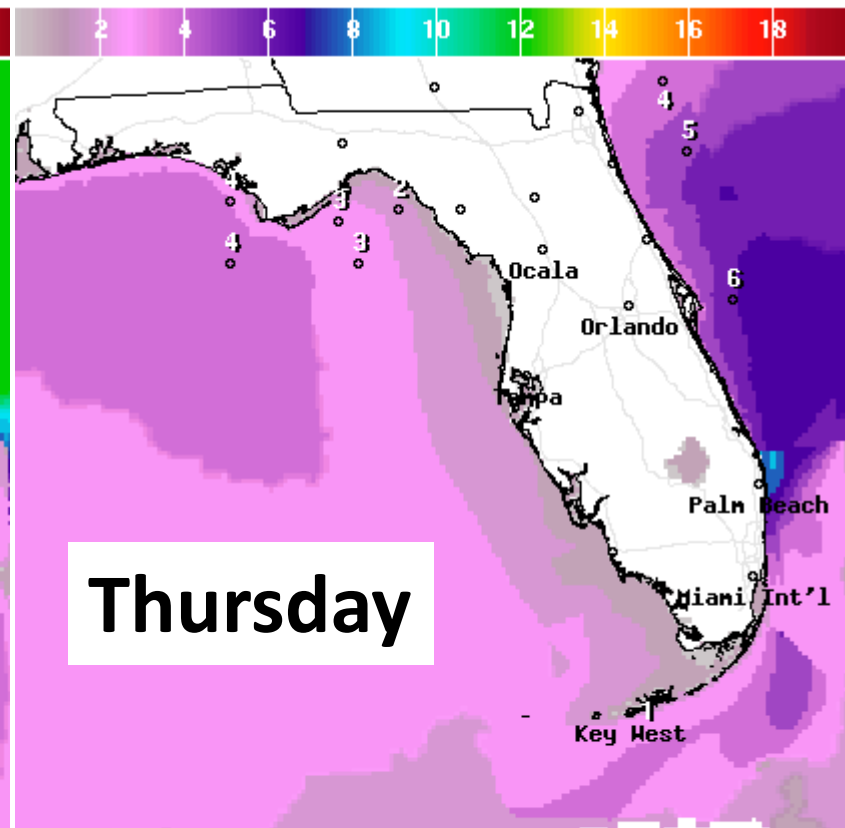
16z issuance Graphic created-Sep 22 12:32PM EDT



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

National Digital Forecast Database

16z issuance Graphic created-Sep 22 12:33PM EDT



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

National Digital Forecast Database

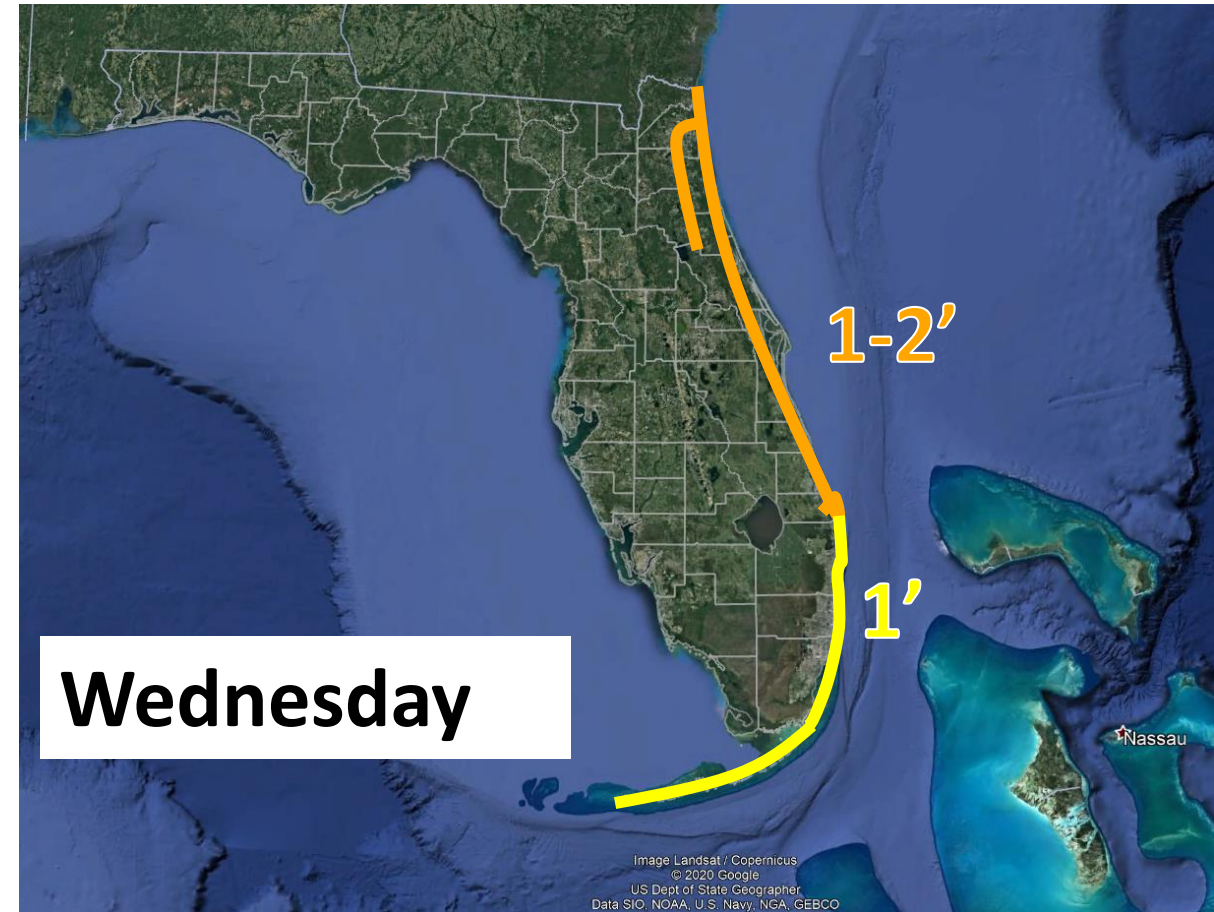
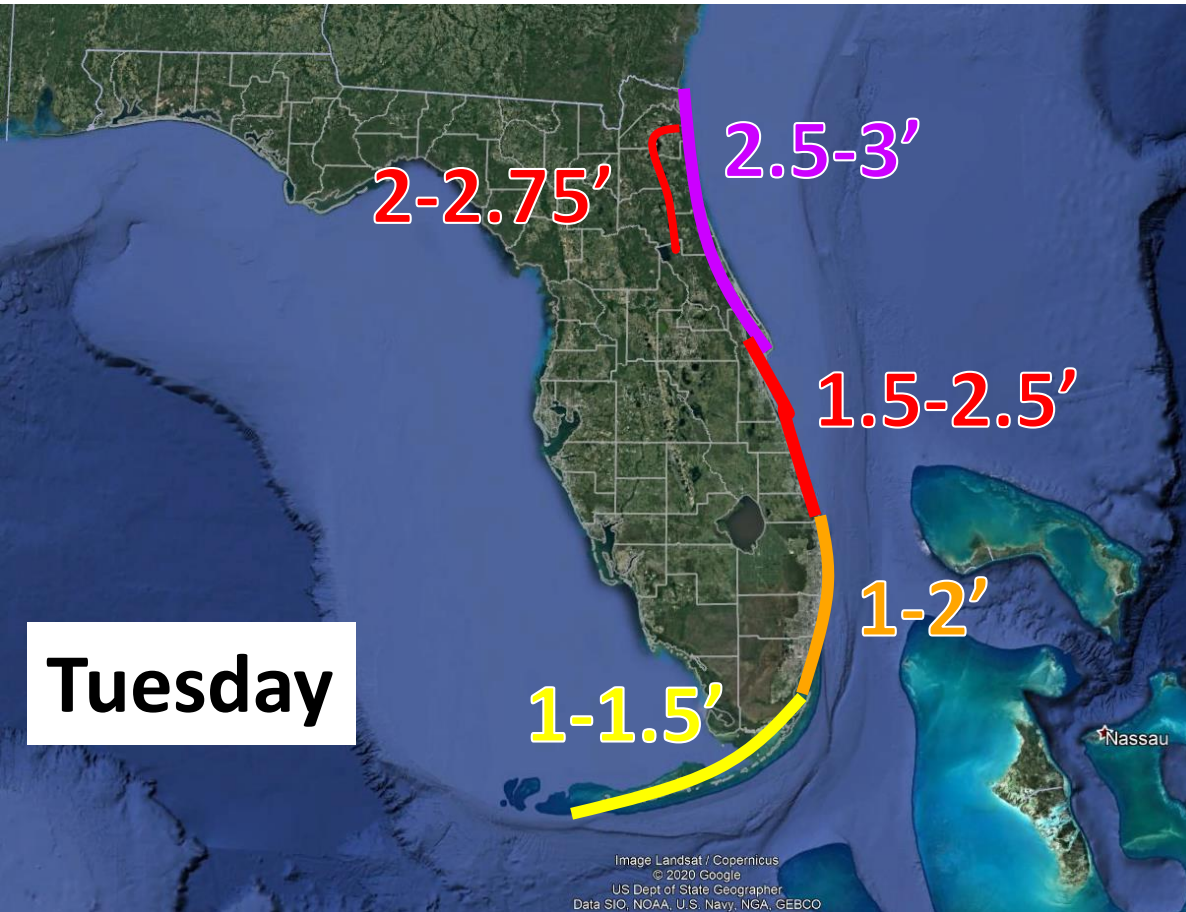
16z issuance Graphic created-Sep 22 12:33PM EDT

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



Coastal Flooding

Tuesday - Wednesday



Minor to moderate coastal flooding is expected today along much of the East Coast, with some more significant coastal flooding possible in Northeast Florida and the tidal St. Johns River.



Coastal Flood Alerts

Monday - Tuesday

Coastal Flood Warning
(moderate coastal flooding)

Coastal Flood Advisory
(minor coastal flooding)

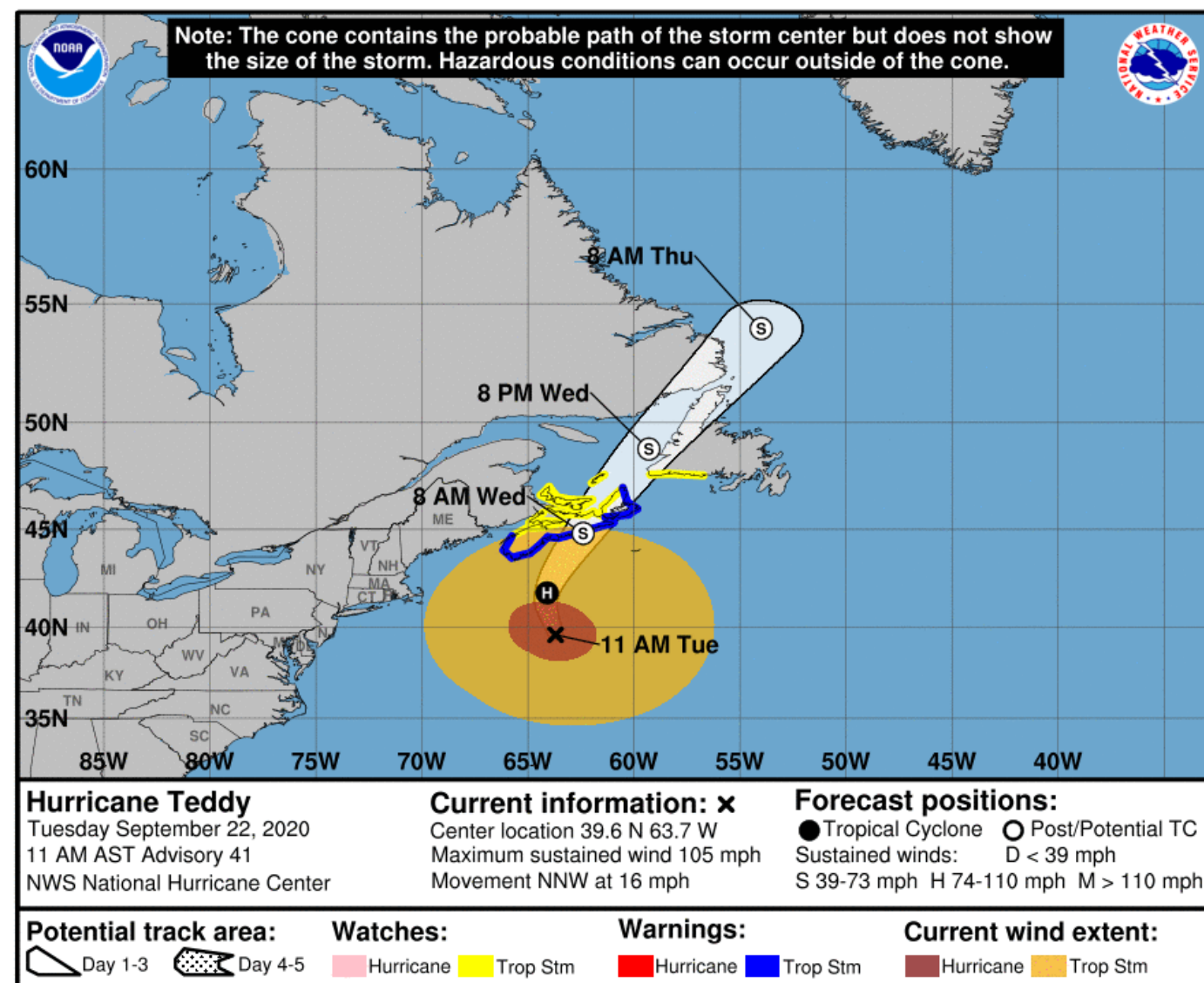
High Surf Advisory
(breaking waves 7-11')



Official Forecast Track

From the National Hurricane Center – Hurricane Teddy

- The center of Teddy is located about 350 miles south of Halifax, Nova Scotia
- Maximum sustained winds are at 105 mph (Category 2).
- Teddy is moving north-northwest at 16 mph, with a turn to the northeast expected later today.
- Teddy's wind field has doubled overnight and large swells from the system will move across the western Atlantic over the next few days.

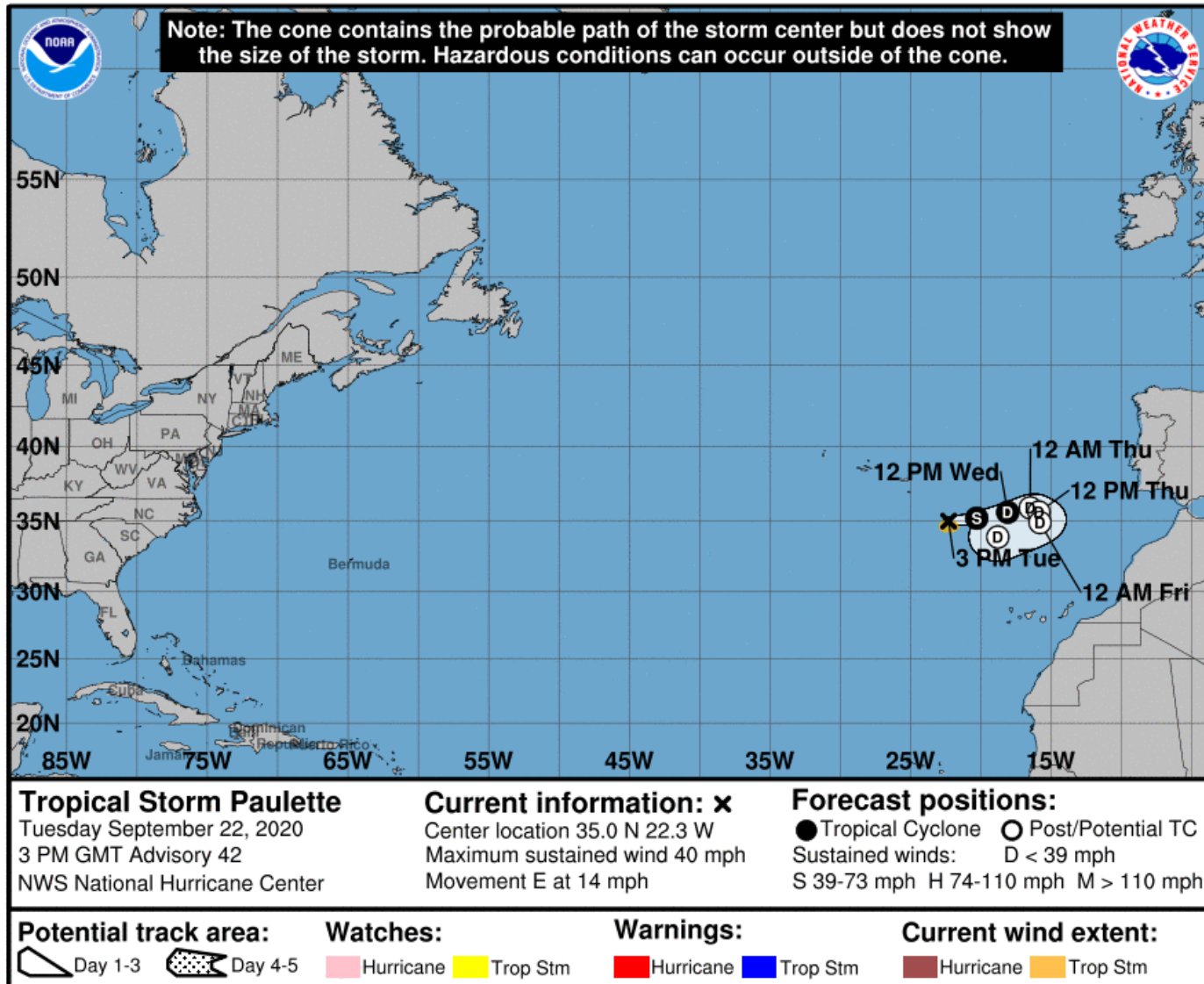




Official Forecast Track

From the National Hurricane Center – Tropical Storm Paulette

- Paulette regenerated into a tropical storm overnight as it moved over warmer waters.
- Paulette is starting to weaken again and is expected to dissipate by Thursday in the far northeastern Atlantic.
- Paulette will have no impact to land.





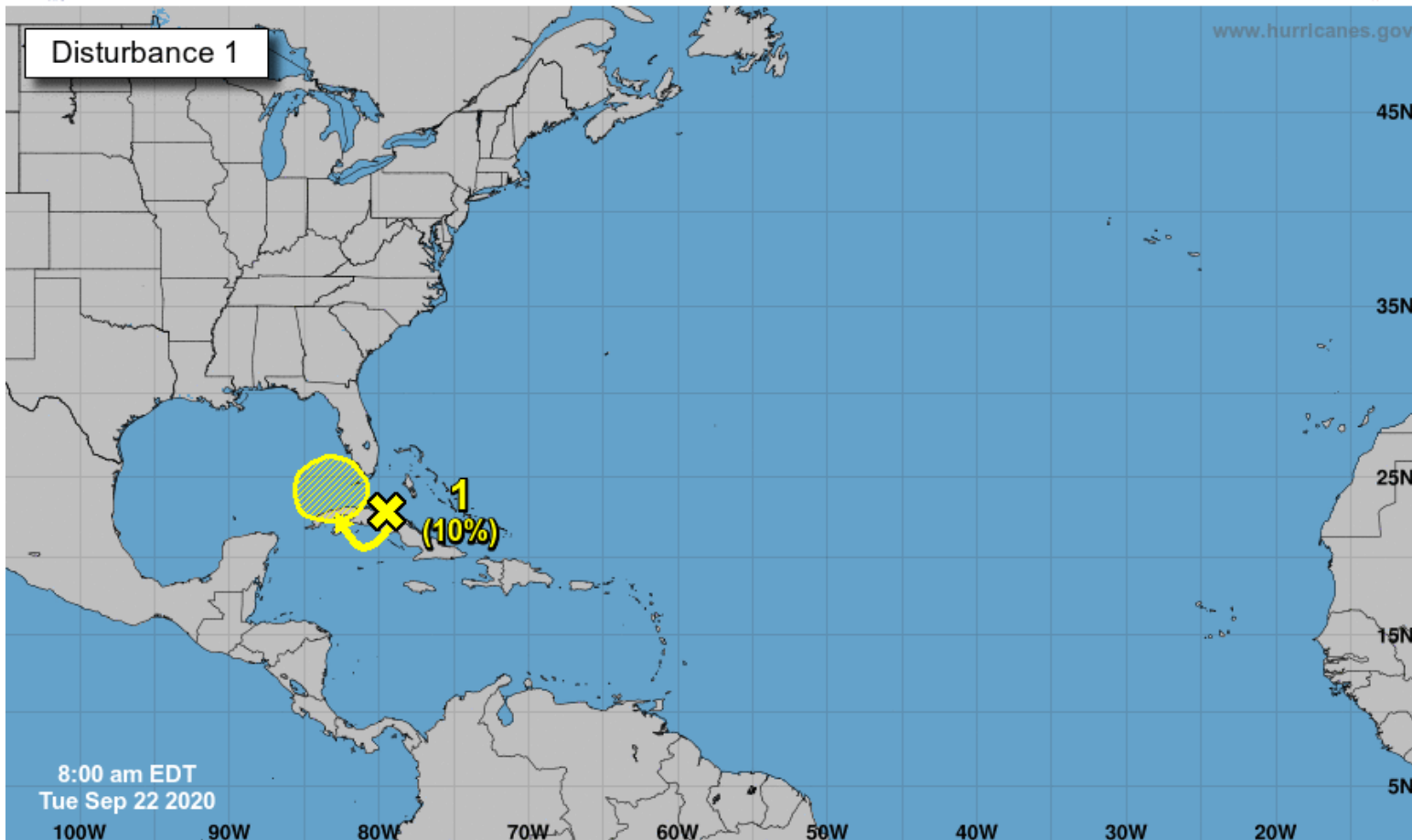
Tropical Weather Outlook

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



Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



Showers and thunderstorms extending from the southeastern Bahamas westward through Cuba and into the southeastern Gulf of Mexico are associated with a cold front.

This system is forecast to move slowly southward during the next couple of days, and then move back northward on Thursday through Saturday.

Development, if any, over the southeastern Gulf of Mexico late this week is expected to be slow to occur.

Regardless of development, locally heavy rainfall is possible over the Florida Keys and south Florida on Thursday and Friday.

***Formation chance through 48 hours...low...near 0%**

***Formation chance through 5 days...low...10%**

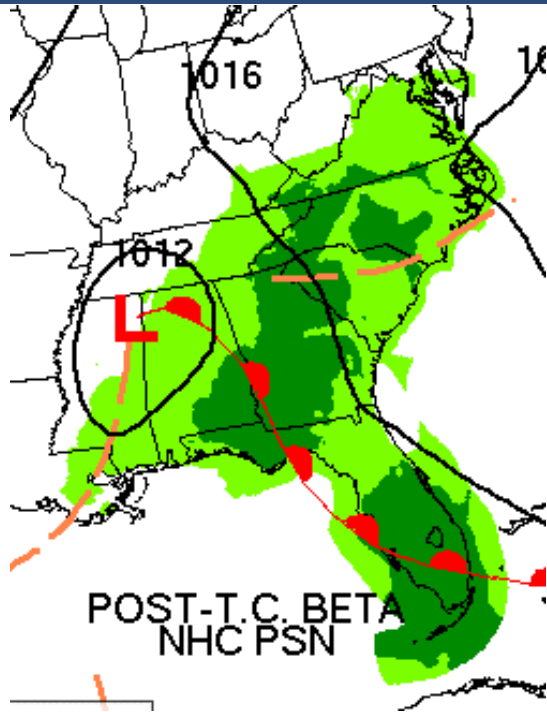
Current Disturbances and Five-Day Cyclone Formation Chance: < 40% 40-60% > 60%

Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane

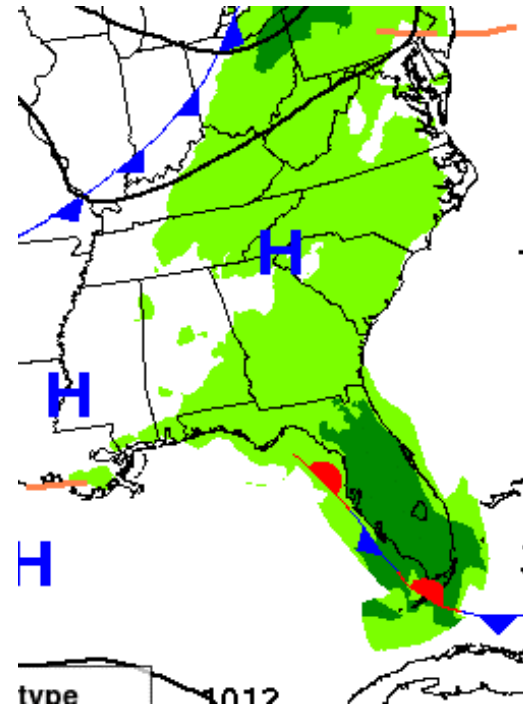
Post-Tropical Cyclone or Remnants



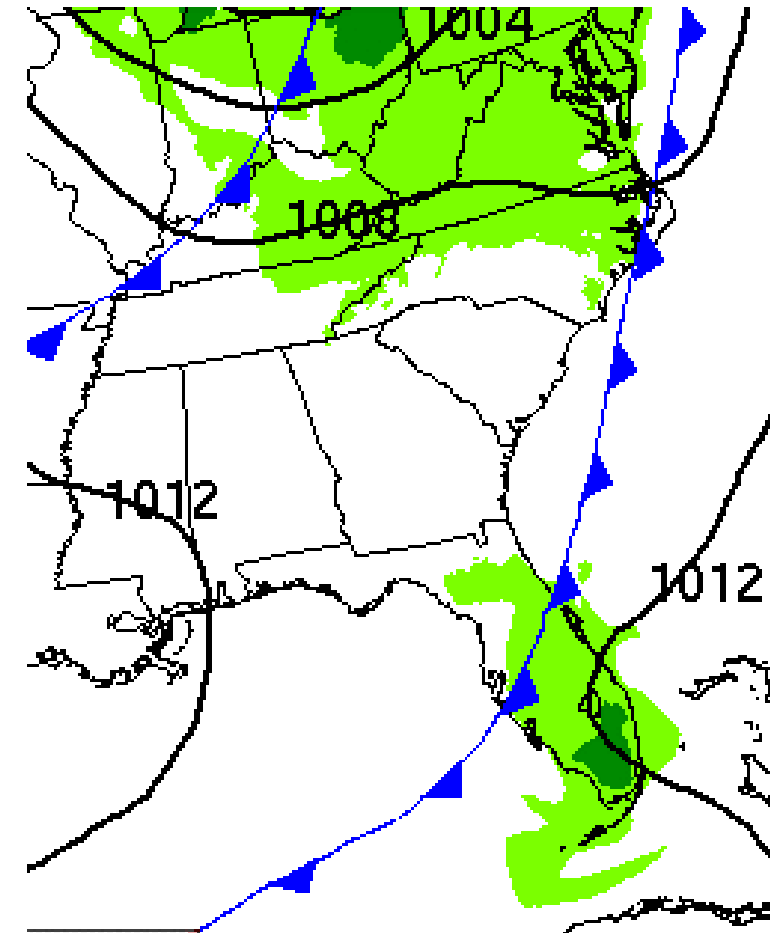
Looking Ahead This Week...



Thursday/Friday



Saturday/Sunday



Early Next Week

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



Overall Summary

Hurricane Teddy

- The center of Teddy is located about 350 miles south of Halifax, Nova Scotia.
- Maximum sustained winds are at 105 mph (Category 2).
- Teddy is moving north-northwest at 16 mph, with a turn to the northeast expected later today.
- Teddy's wind field has doubled overnight and large swells from the system will move across the western Atlantic over the next few days.

Tropical Depression Beta

- Beta made landfall near Port O'Connor, Texas overnight and remains stalled out over the area.
- Maximum sustained winds are at 35 mph and continued weakened is expected.
- Beta will begin to move northeast tonight and head into the lower Mississippi River Valley later in the week.

Tropical Storm Paulette

- Paulette regenerated into a tropical storm overnight as it moved over warmer waters.
- Paulette is starting to weaken again and is expected to dissipate by Thursday in the far northeastern Atlantic.

Cold Front over South Florida

- Showers and thunderstorms extending from the southeastern Bahamas westward through Cuba and into the southeastern Gulf of Mexico are associated with a cold front.
- This system is forecast to move slowly southward during the next couple of days, and then move back northward on Thursday through Saturday.
- Development, if any, over the southeastern Gulf of Mexico late this week is expected to be slow to occur. It has a 10% (low) chance of development Thursday through Saturday and a near 0% chance of development before then.



Florida Outlook

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.
- Light, isolated showers across the state today and tomorrow with breezy winds and cooler than normal temperatures. Significant rainfall is not expected through Wednesday.
- 1-2" of locally heavy rainfall expected in the Panhandle on Thursday from the remnants of Tropical Storm Beta. Isolated flash flooding is possible with these low rainfall totals given how saturated soils are from Sally.
- 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** are in effect.
- The combination of strong northerly winds and swells from Hurricane Teddy will create very high surf along the East Coast this week. Beach erosion and dangerous rip currents are expected!
- *Any development of the low in the Florida Straits will be slow to occur and happen late in the week. Regardless of development, heavy rainfall is possible in South Florida again Thursday, Friday, and Saturday.*

The next briefing packet will be issued mid-day Wednesday. For the latest information on the tropics, please visit the National Hurricane Center website at www.hurricanes.gov.



TROPICAL UPDATE



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State Meteorological Support Unit

Florida Division of Emergency Management

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