



TROPICAL UPDATE



12:00 PM EDT

Saturday, September 19, 2020

Panhandle River Flooding

Hurricane Teddy, TD Wilfred, TS Beta, Post-Tropical Paulette

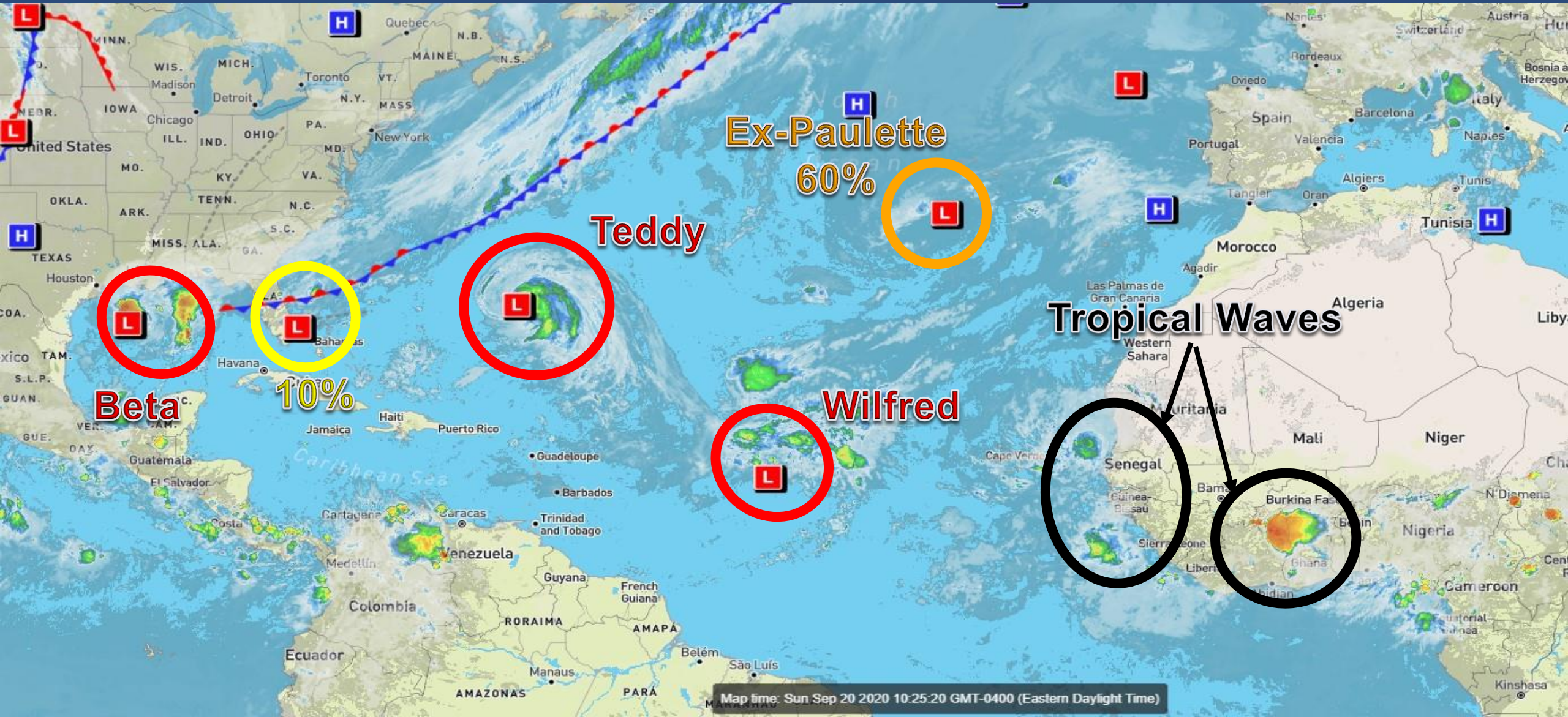
Weekend Coastal Flooding/Beach Erosion Event on East Coast

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





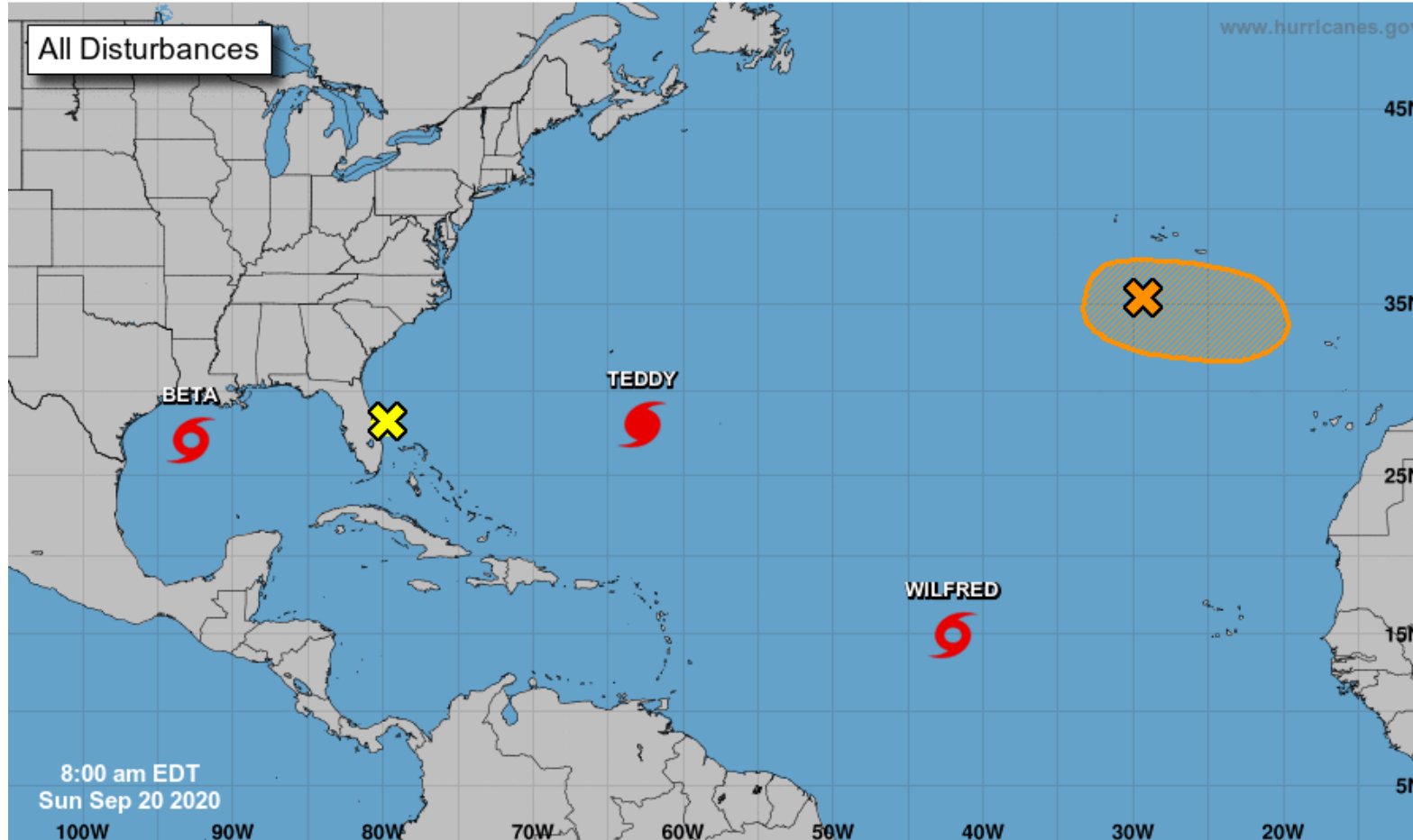
Tropical Weather Outlook

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



Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida

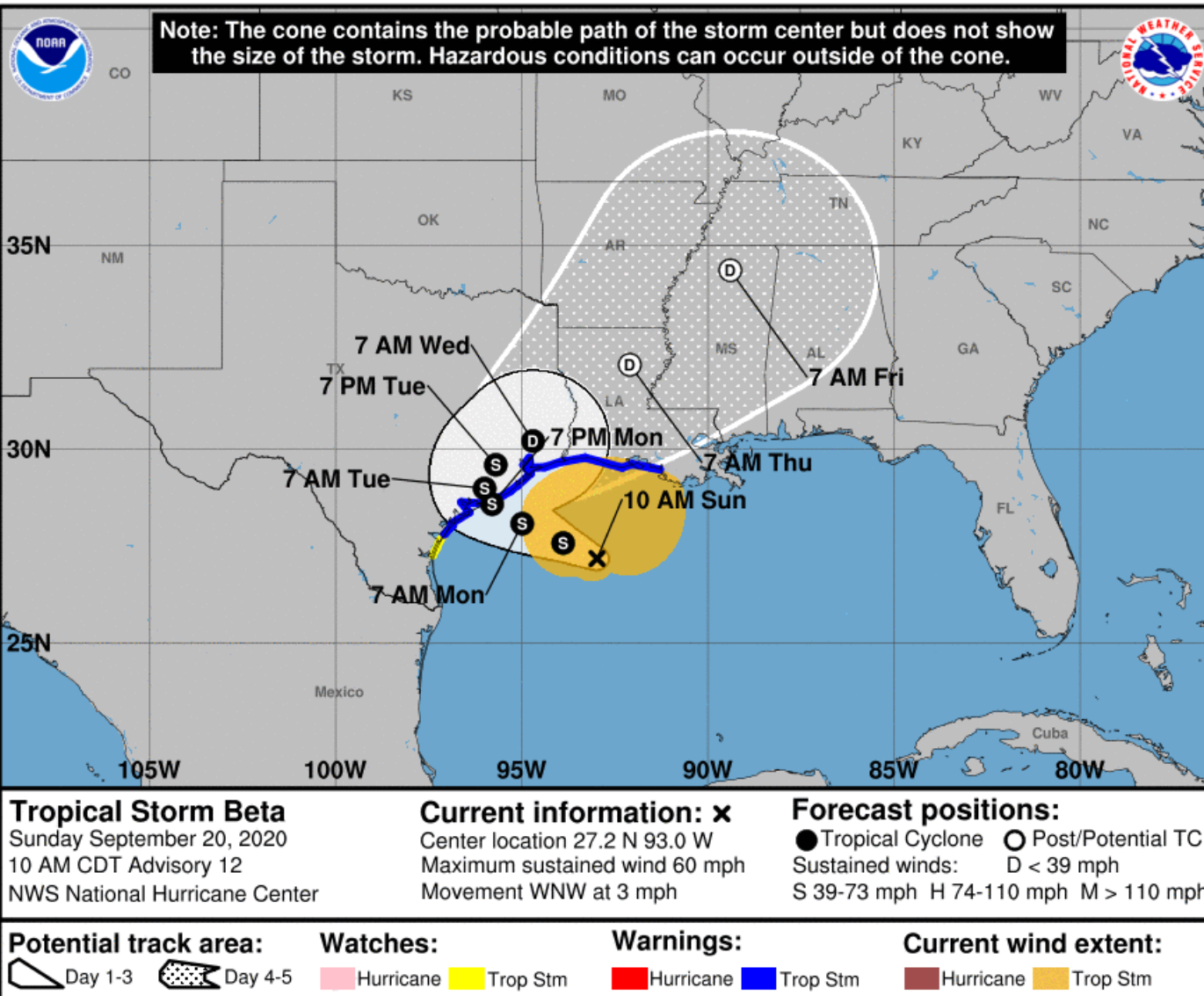


Current Disturbances and Five-Day Cyclone Formation Chance: < 40% 40-60% > 60%
Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane
 Post-Tropical Cyclone or Remnants



Official Forecast Track

From the National Hurricane Center – Tropical Storm Beta



- The center of Beta is located 180 miles southeast of Galveston, TX
- Maximum sustained winds are at 60 mph.
- Beta is moving toward the west-northwest at 3 mph, and a slow northwest motion will continue for the next 48 hours.
- Beta is no longer forecast to strengthen into a hurricane before landfall
- Beta will likely make landfall on the Texas coast Monday afternoon or Monday night.
- Direct impacts to Florida are not expected

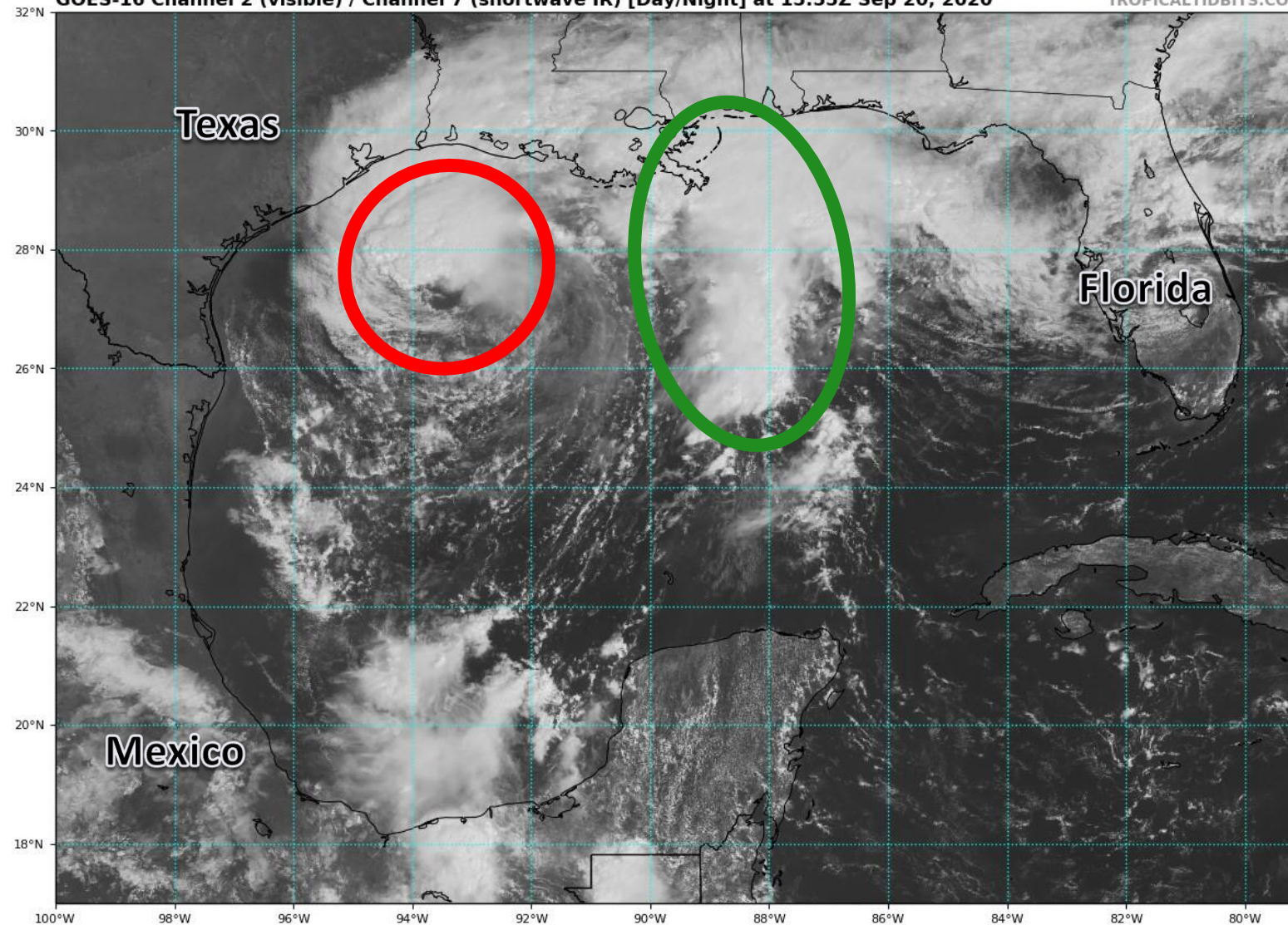


Satellite Imagery

Tropical Storm Beta

GOES-16 Channel 2 (visible) / Channel 7 (shortwave IR) [Day/Night] at 15:55Z Sep 20, 2020

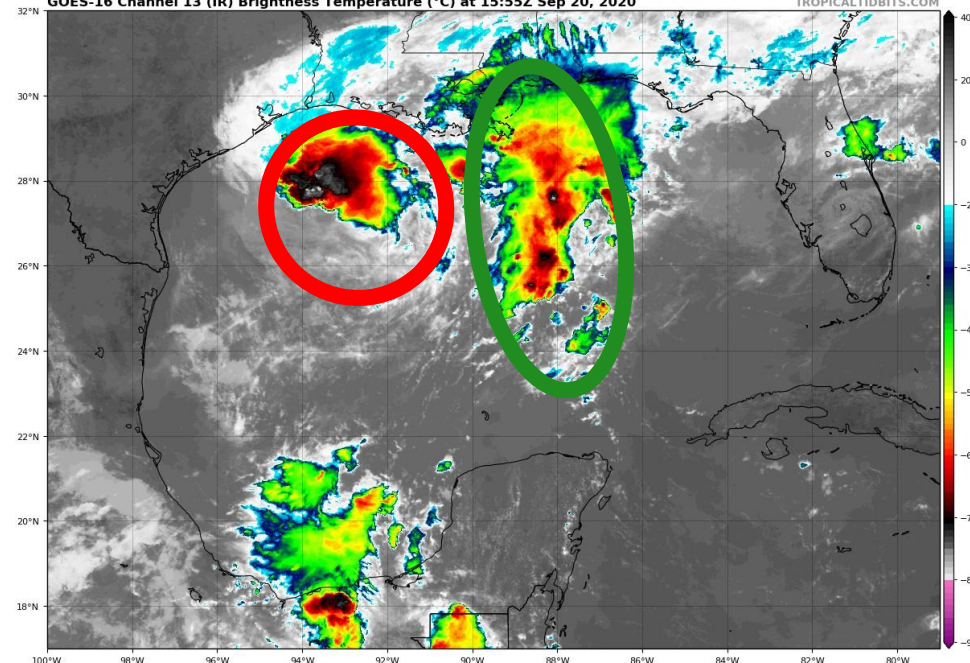
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Beta is producing more showers and thunderstorms near the center today. However, indirectly related to the system, an area of showers and thunderstorms remains well east of the center. This could result in some scattered light showers across the Florida Panhandle today and tonight.

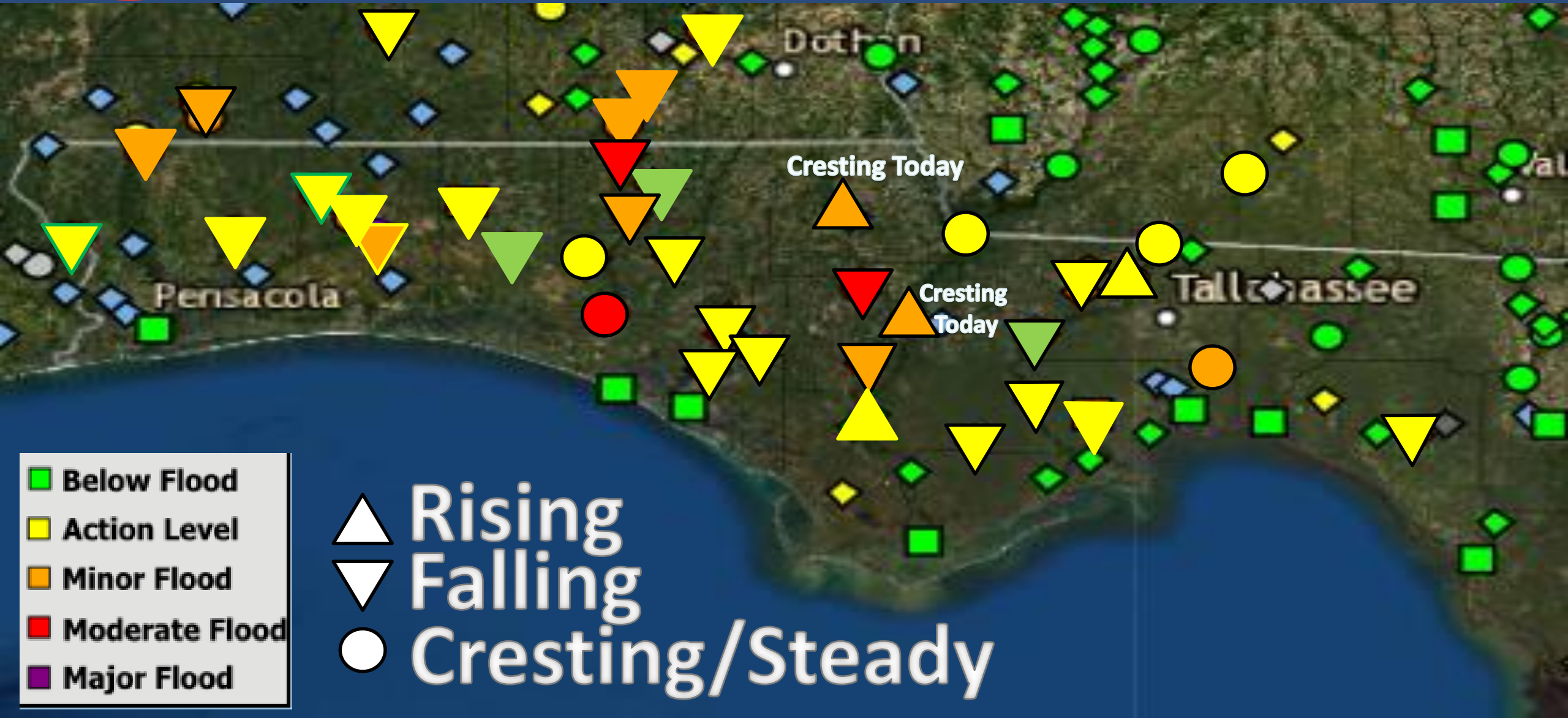
GOES-16 Channel 13 (IR) Brightness Temperature (°C) at 15:55Z Sep 20, 2020

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Current River Status





Latest River Forecasts

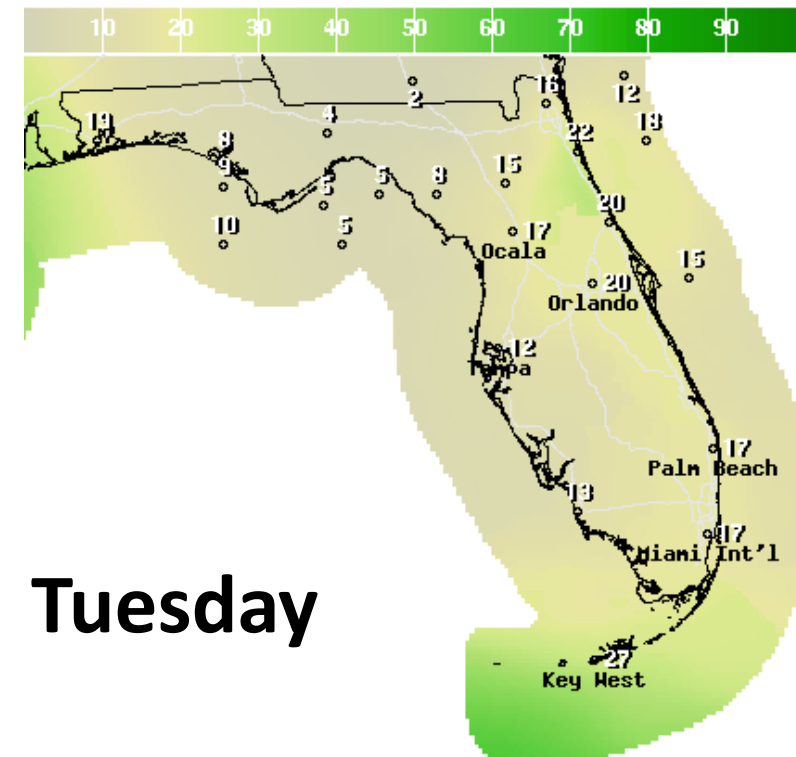
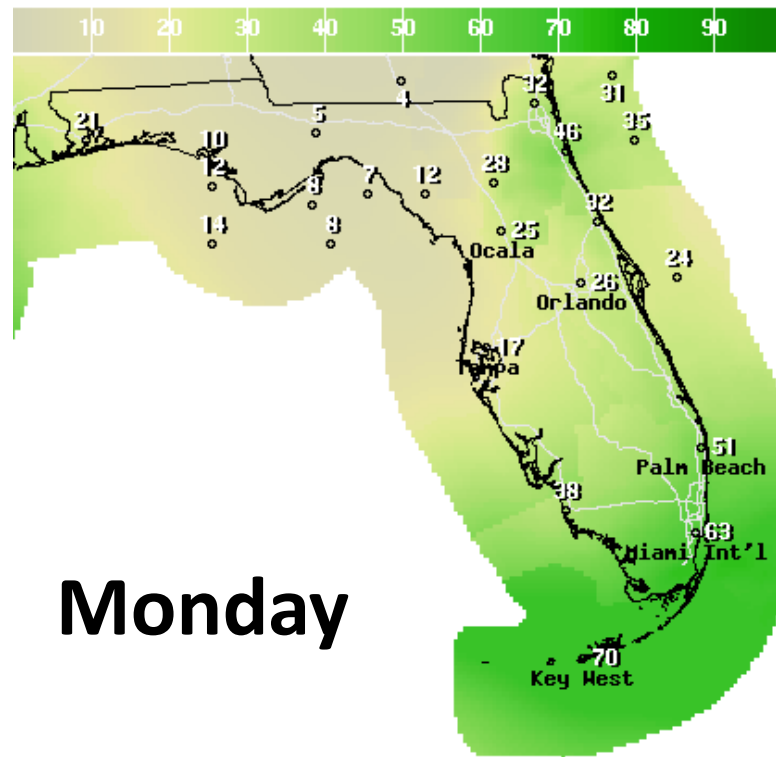
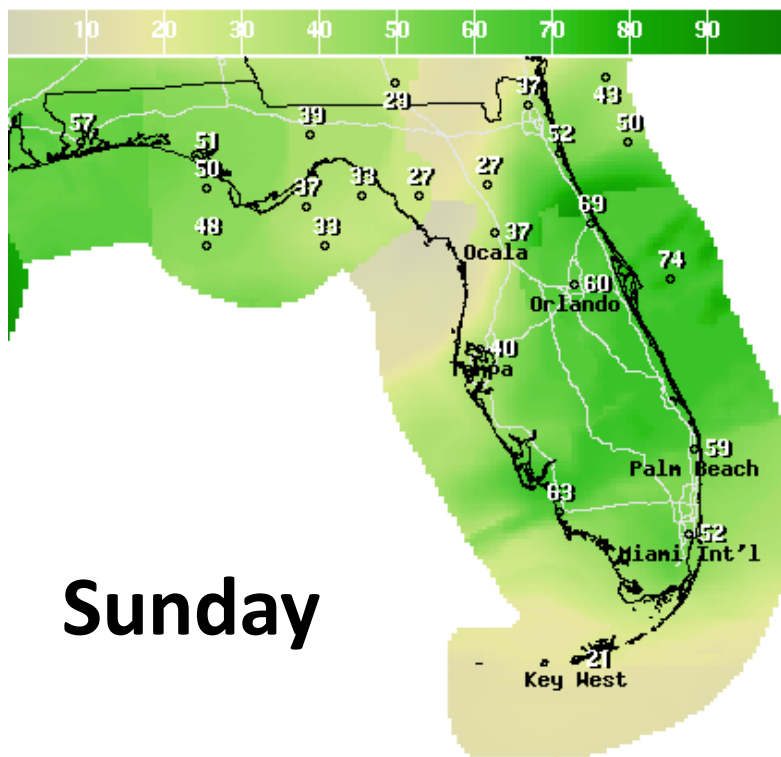
Southeast River Forecast Center

River Gauges	County(ies) Affected	Status	Crest Level	Crest Day	Below Flood Stage Day
Perdido River near Barrineau Park	Escambia	FALLING	MODERATE 22.3	9/16	9/19
Escambia River near Century	Escambia, Santa Rosa	FALLING	MINOR: 21 ft.	9/19	Beyond 9/24
Blackwater River near Baker	Okaloosa, Santa Rosa	FALLING	MAJOR: 24.5 ft.	9/17	9/19
Yellow River at Milligan	Okaloosa	FALLING	MODERATE: 15.1 ft.	9/19	9/19
Shoal River near Crestview	Okaloosa	FALLING	MAJOR: 16.6 ft.	9/17	9/19
Choctawhatchee River near Pittman	Holmes	FALLING	MODERATE: 27.6 ft.	9/18	Beyond 9/24
Choctawhatchee River at Caryville	Holmes, Washington	FALLING	MODERATE: 16 ft.	9/19	9/23
Choctawhatchee River near Bruce & Ebro	Walton, Washington	CRESTING	MODERATE: 19.6 ft.	9/20	Beyond 9/26
Holmes Creek near Vernon	Washington	FALLING	MINOR: 27 ft.	9/18	9/20
Chipola River at Marianna	Jackson	CRESTING	MINOR: 19.8 ft.	9/20	9/22
Chipola River near Altha	Jackson, Calhoun	FALLING	MODERATE: 26.6 ft.	9/18	9/22
Chipola River near Scotts Ferry	Calhoun, Gulf	FALLING	MODERATE: 26.2 ft.	9/18	9/23
Apalachicola River near Blountstown	Calhoun, Liberty, Gulf, Franklin	CRESTING	MINOR: 23 ft.	9/20	Beyond 9/24

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.



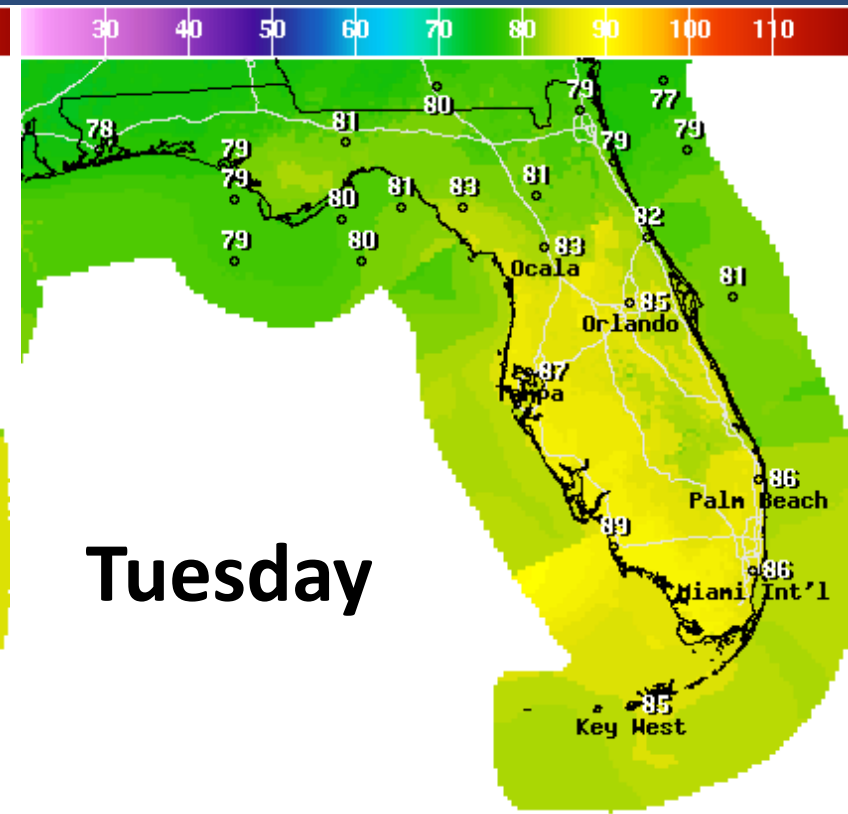
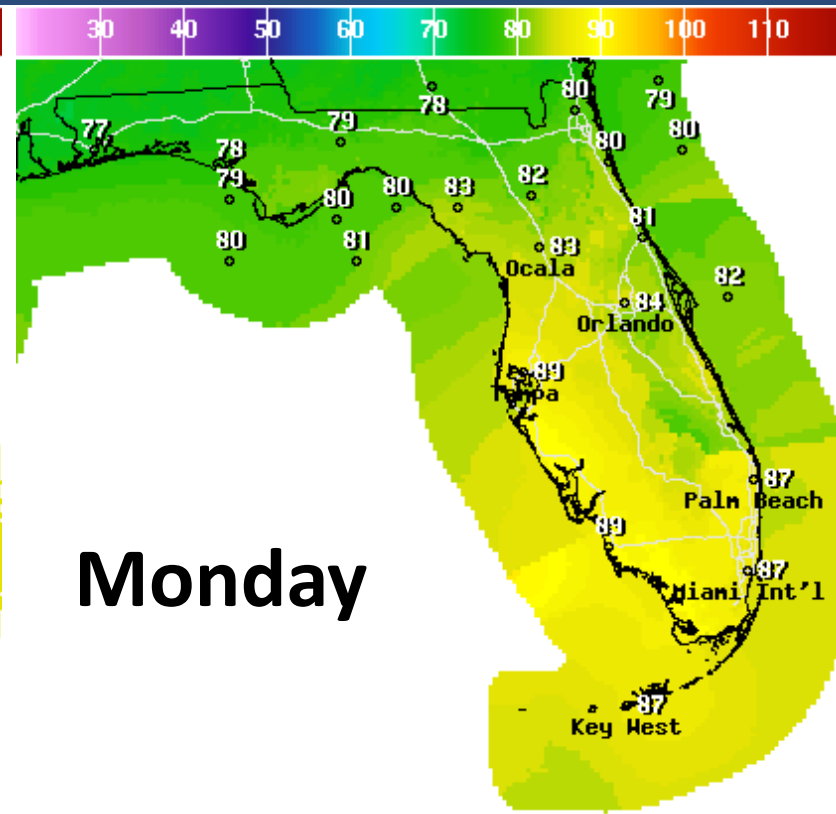
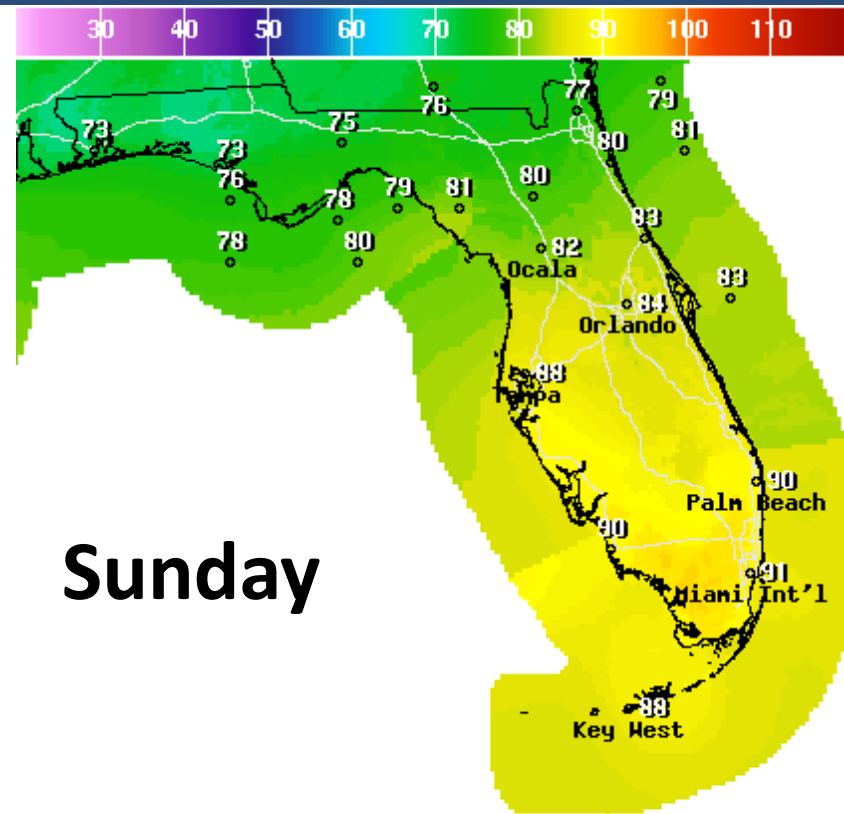
Rain Chances Next 3 Days





Isolated showers possible in the Panhandle today/tonight due to moisture from Beta. Increased rain chances along the East Coast/South Florida with the stalling front and strong east winds. Drier weather Tuesday/Wednesday





High Temperatures Next 3 Days



High Temperature(F) Ending Sun Sep 20 2020 8PM EDT
(Mon Sep 21 2020 00Z)
 National Digital Forecast Database
13z issuance Graphic created-Sep 20 9:10AM EDT 

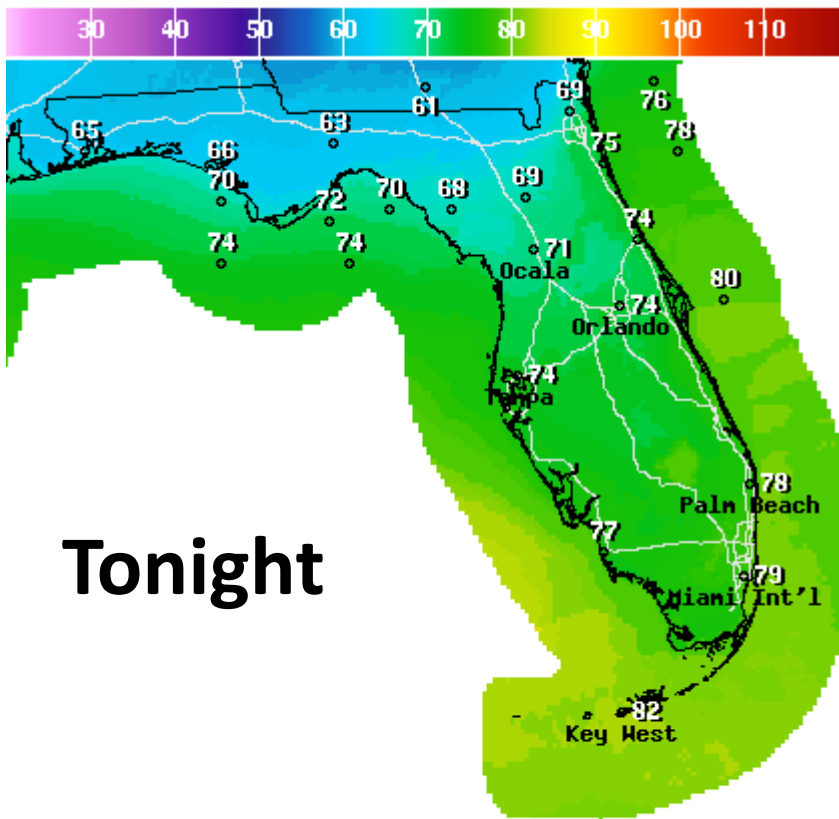
High Temperature(F) Ending Mon Sep 21 2020 8PM EDT
(Tue Sep 22 2020 00Z)
 National Digital Forecast Database
13z issuance Graphic created-Sep 20 9:10AM EDT 

High Temperature(F) Ending Tue Sep 22 2020 8PM EDT
(Wed Sep 23 2020 00Z)
 National Digital Forecast Database
13z issuance Graphic created-Sep 20 9:10AM EDT 

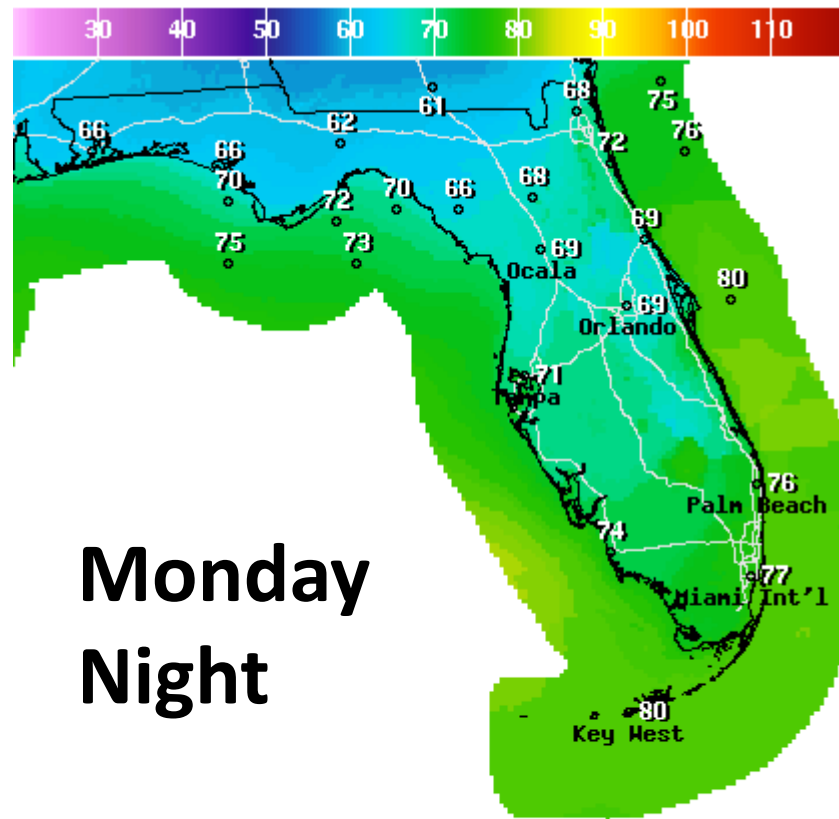
Cold front brings much cooler temperatures to the state over the next few days.



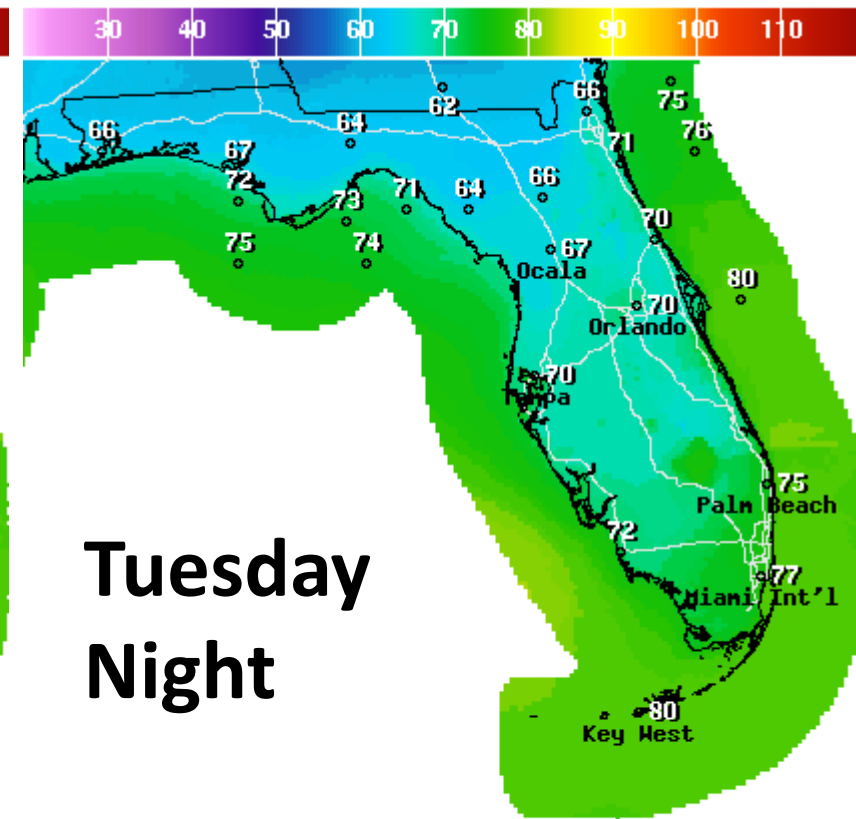
Low Temperatures Next 3 Days



Tonight



Monday Night



Tuesday Night

Low Temperature(F) Ending Mon Sep 21 2020 8AM EDT
(Mon Sep 21 2020 12Z)
National Digital Forecast Database
14z issuance Graphic created-Sep 20 10:11AM EDT

Low Temperature(F) Ending Tue Sep 22 2020 8AM EDT
(Tue Sep 22 2020 12Z)
National Digital Forecast Database
13z issuance Graphic created-Sep 20 9:11AM EDT

Low Temperature(F) Ending Wed Sep 23 2020 8AM EDT
(Wed Sep 23 2020 12Z)
National Digital Forecast Database
13z issuance Graphic created-Sep 20 9:11AM EDT

Cold front brings much cooler temperatures to the state over the next few days.

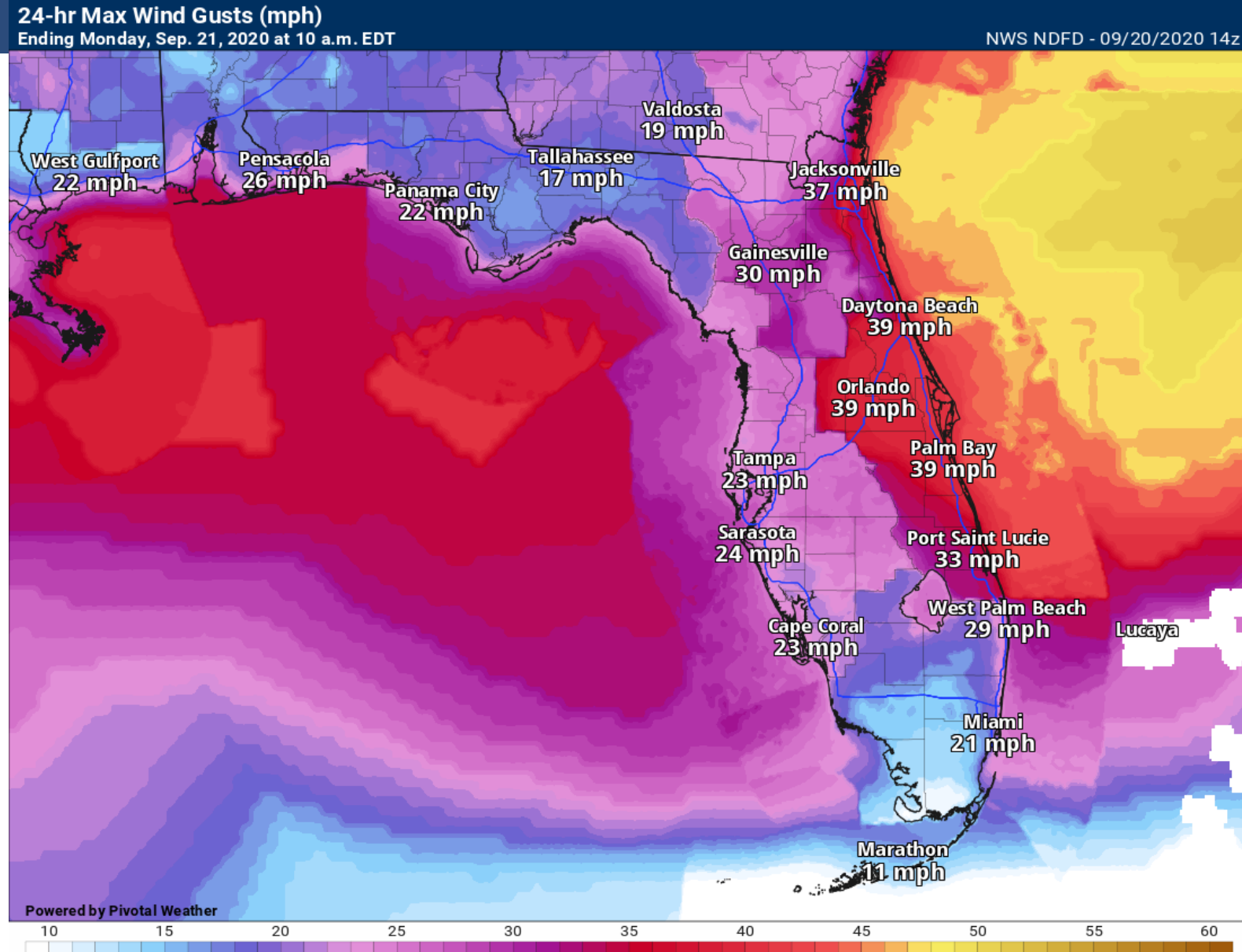


Max Wind Gusts Next 24 Hours

Strong northeast winds are expected along the East Coast over the weekend.

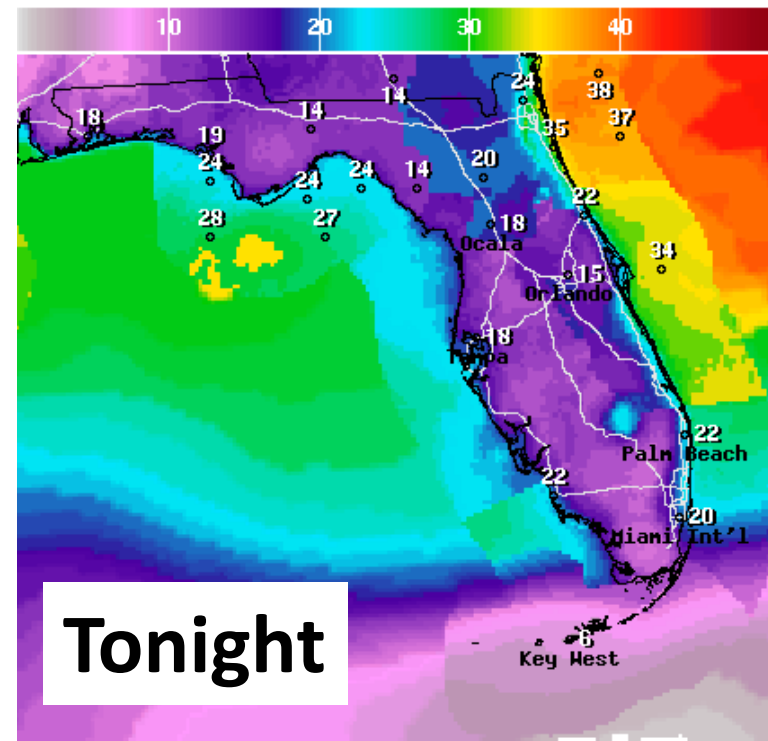
Northeast winds of 15-25 mph with gusts of 30-45 mph are possible. Higher gusts in heavy showers!

Wind Advisories in effect.





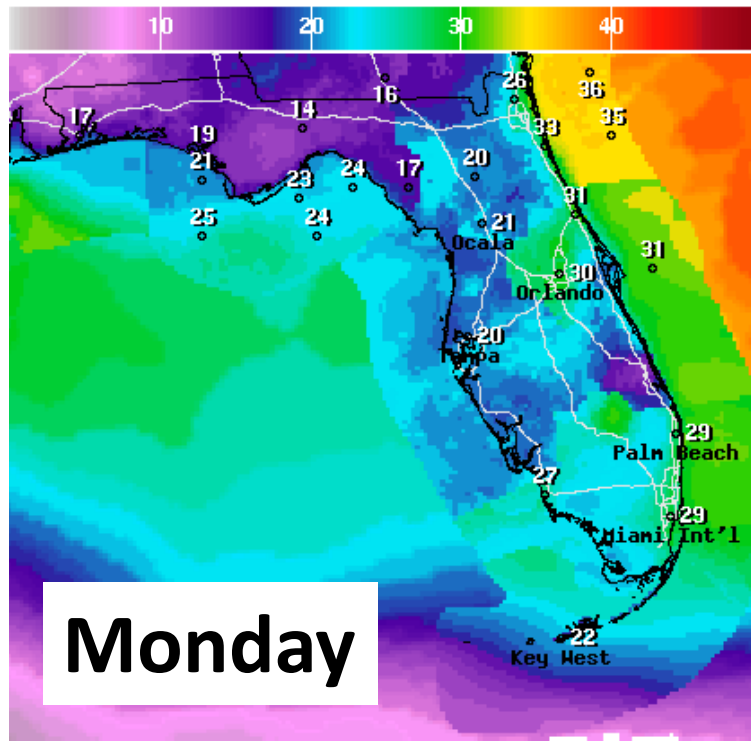
Wind Gusts Next 3 Days



Tonight

Wind Gust(Kts) Mon Sep 21 2020 5AM EDT
(Mon Sep 21 2020 09Z)

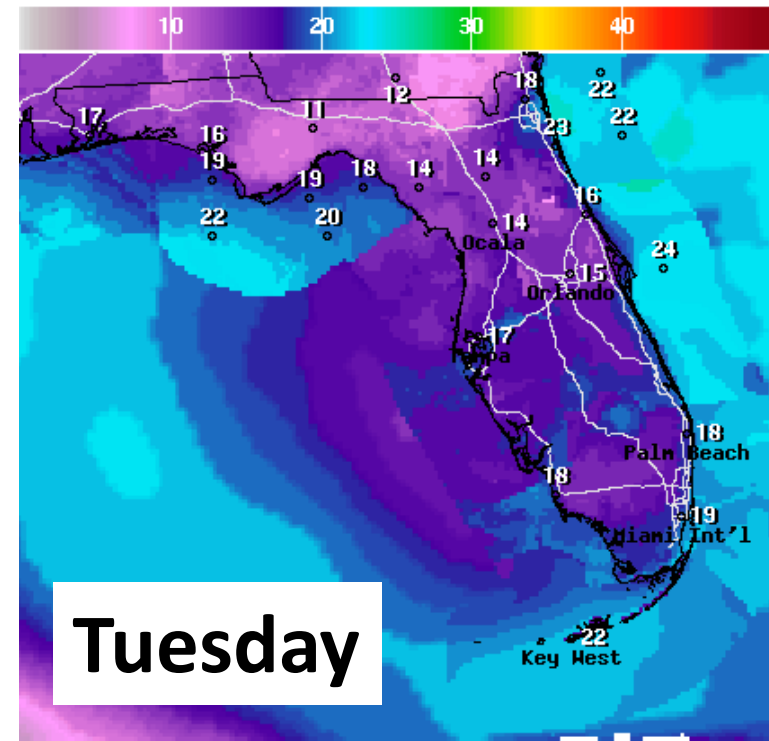
National Digital Forecast Database
13z issuance Graphic created-Sep 20 9:40AM EDT



Monday

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

National Digital Forecast Database
14z issuance Graphic created-Sep 20 10:27AM EDT



Tuesday

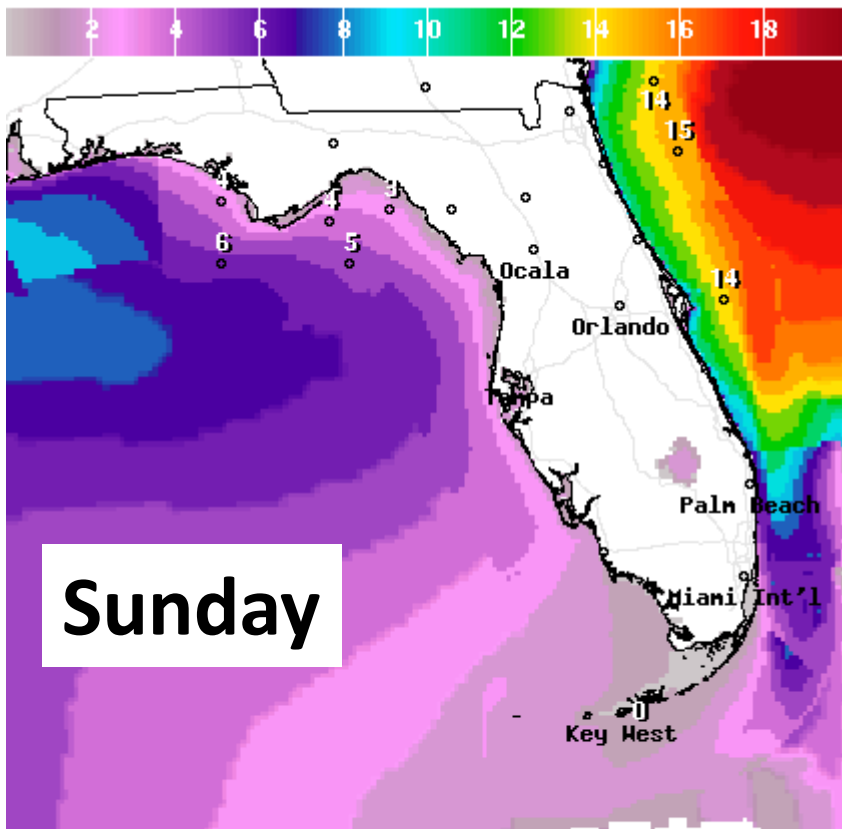
Wind Gust(Kts) Tue Sep 22 2020 5PM EDT
(Tue Sep 22 2020 21Z)

National Digital Forecast Database
14z issuance Graphic created-Sep 20 10:27AM EDT

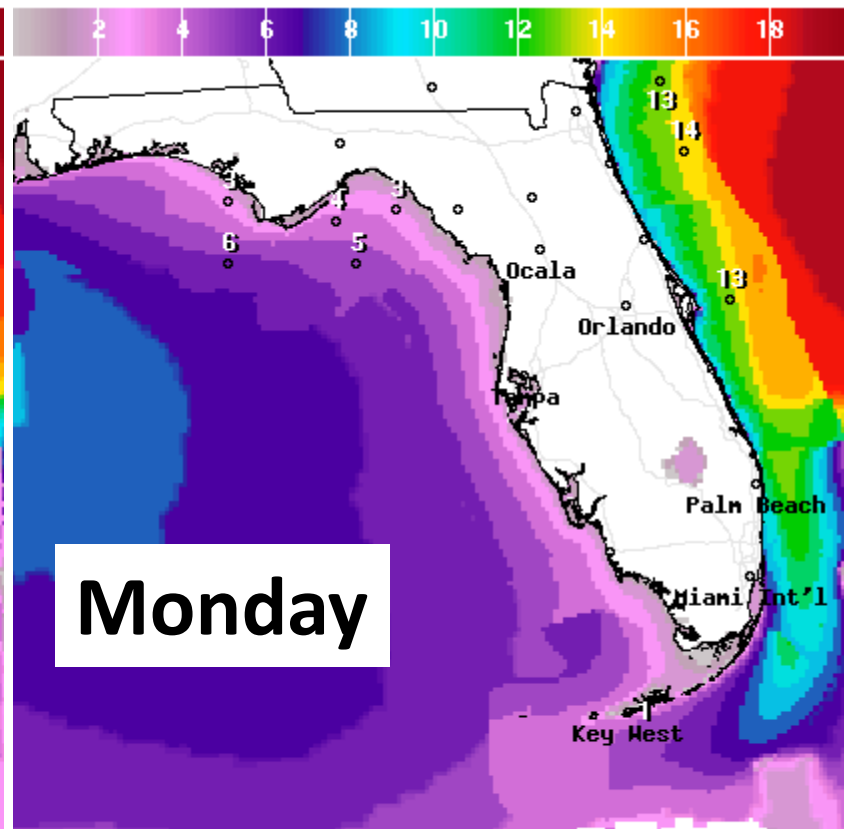
Strong northeast winds are expected along the East Coast. Winds gradually decrease on Tuesday.



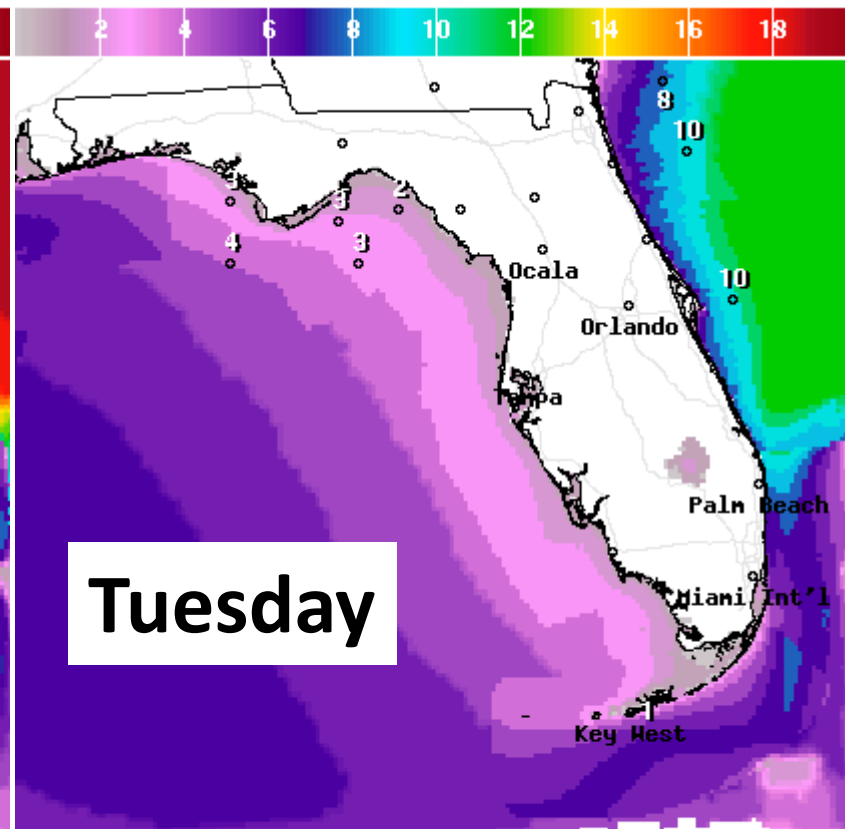
Wave Heights Saturday - Monday



Wave Height(ft) Ending Sun Sep 20 2020 8PM EDT
(Mon Sep 21 2020 00Z)
National Digital Forecast Database
13z issuance Graphic created-Sep 20 9:20AM EDT



Wave Height(ft) Ending Mon Sep 21 2020 8PM EDT
(Tue Sep 22 2020 00Z)
National Digital Forecast Database
14z issuance Graphic created-Sep 20 10:15AM EDT



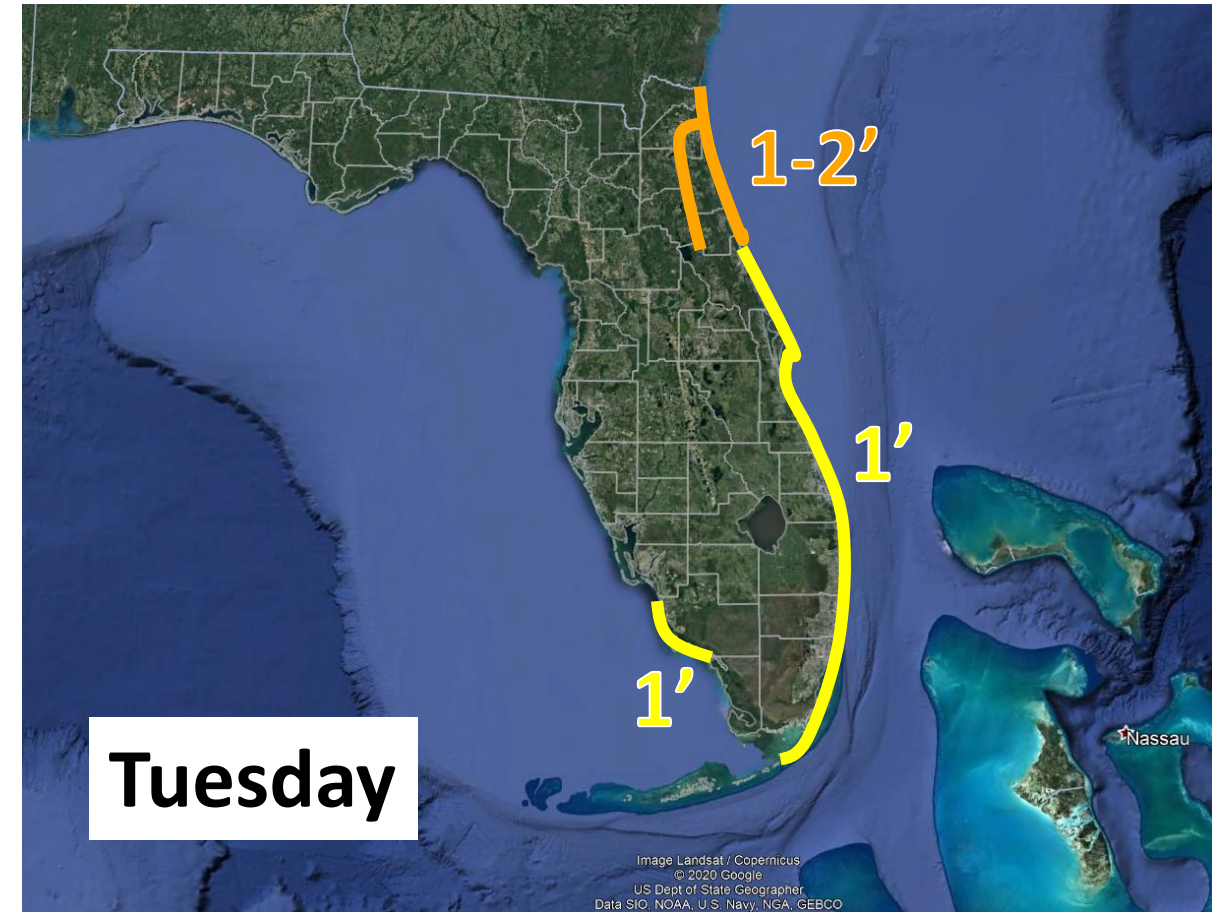
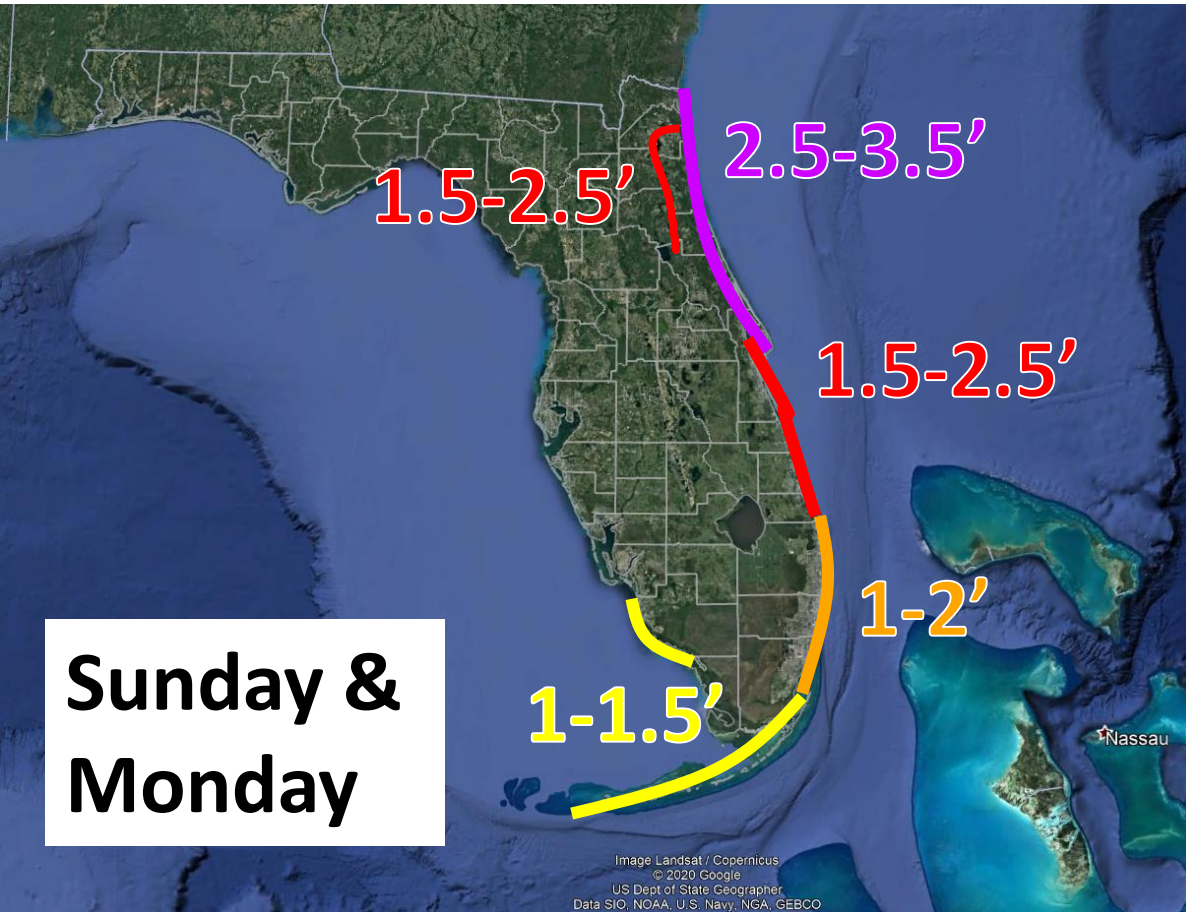
Wave Height(ft) Ending Tue Sep 22 2020 8PM EDT
(Wed Sep 23 2020 00Z)
National Digital Forecast Database
14z issuance Graphic created-Sep 20 10:16AM EDT

The combination of strong northerly winds and swells from Hurricane Teddy will create very high seas along the East Coast well into next week. Beach erosion and dangerous rip currents likely!



Coastal Flooding

Sunday - Tuesday

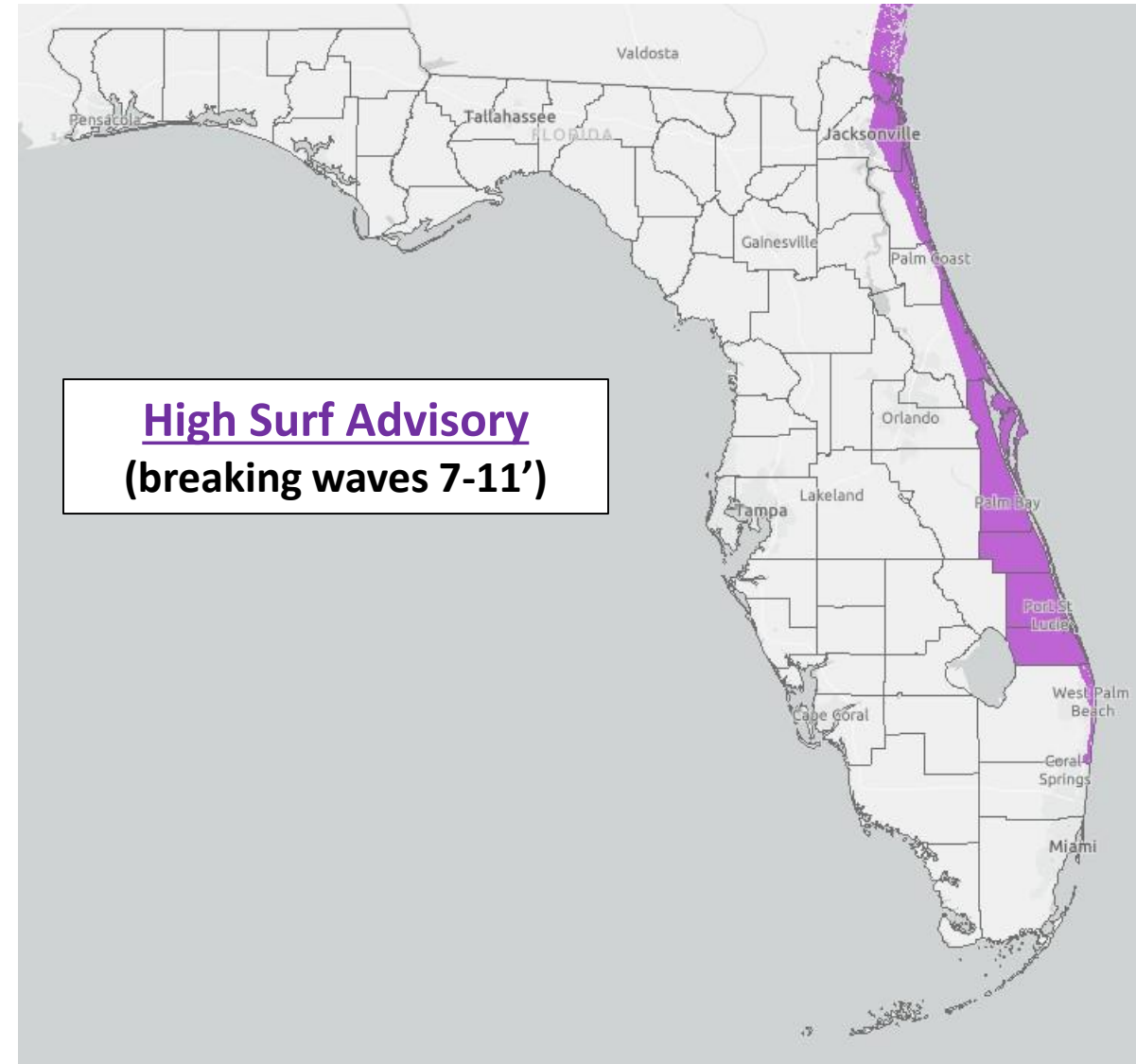
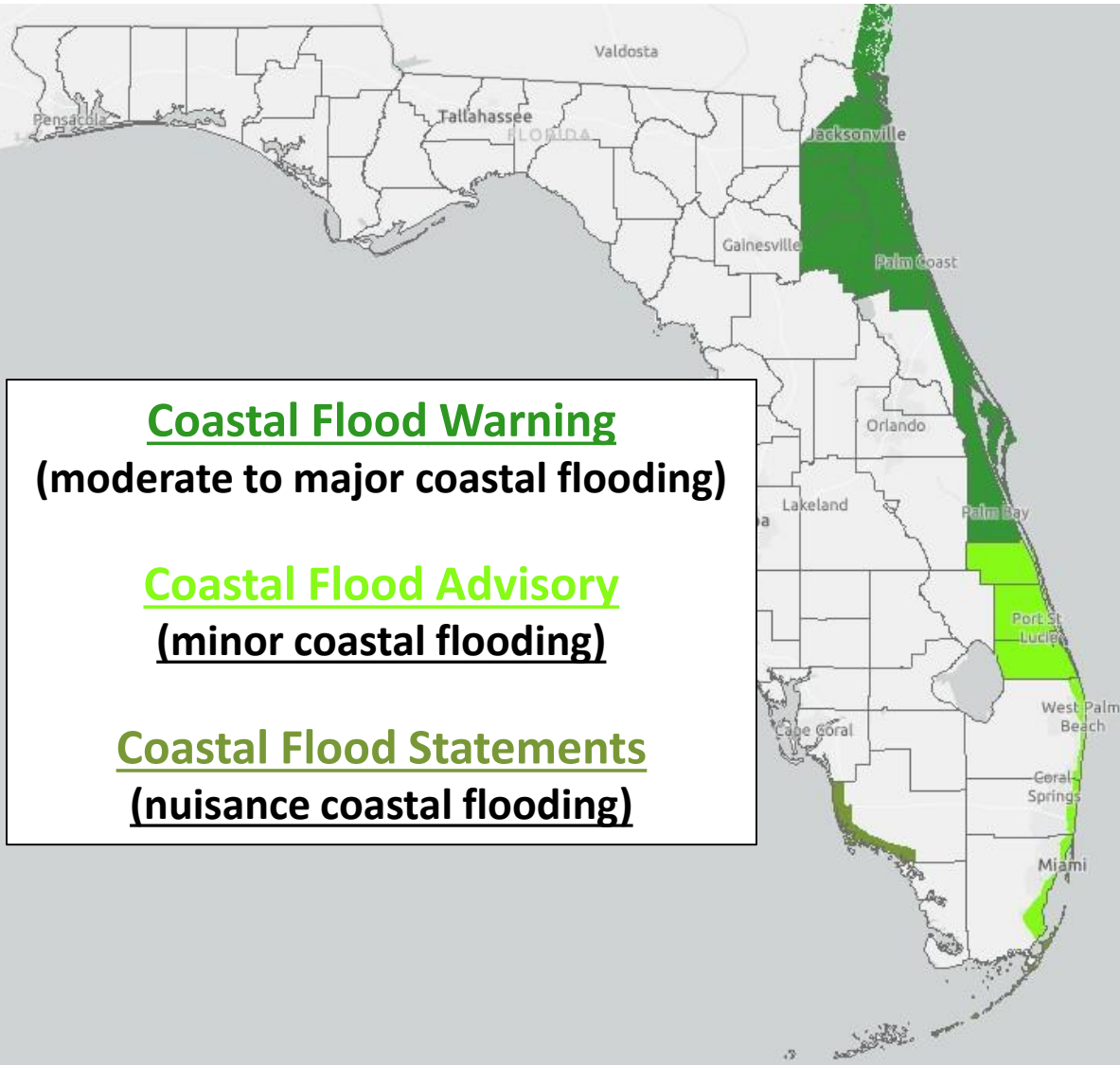


Minor to moderate coastal flooding is expected today along much of the East Coast, with some more significant coastal flooding possible in Northeast Florida and the tidal St. Johns River.



Coastal Flood Alerts

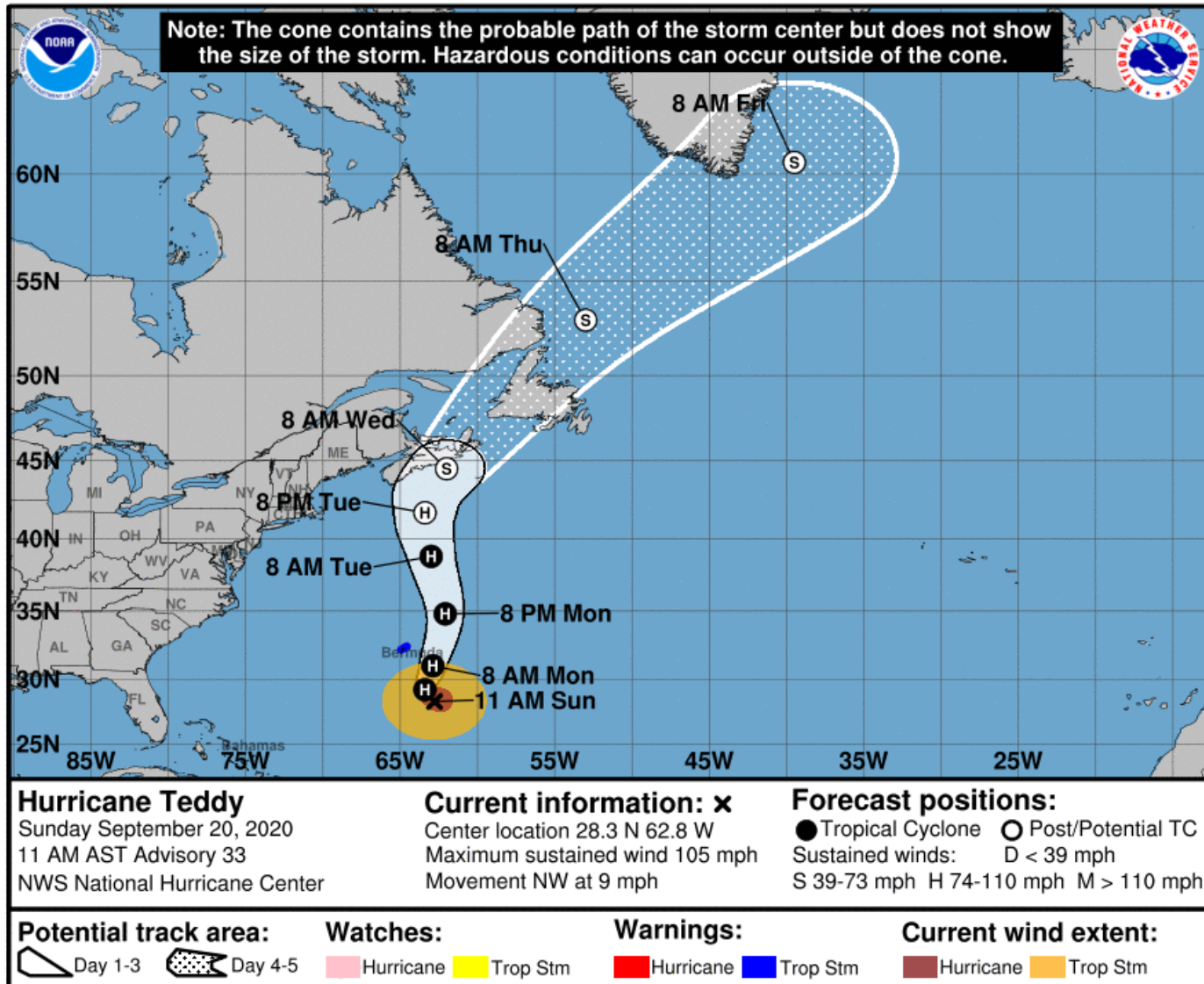
Sunday - Monday





Official Forecast Track

From the National Hurricane Center – Hurricane Teddy

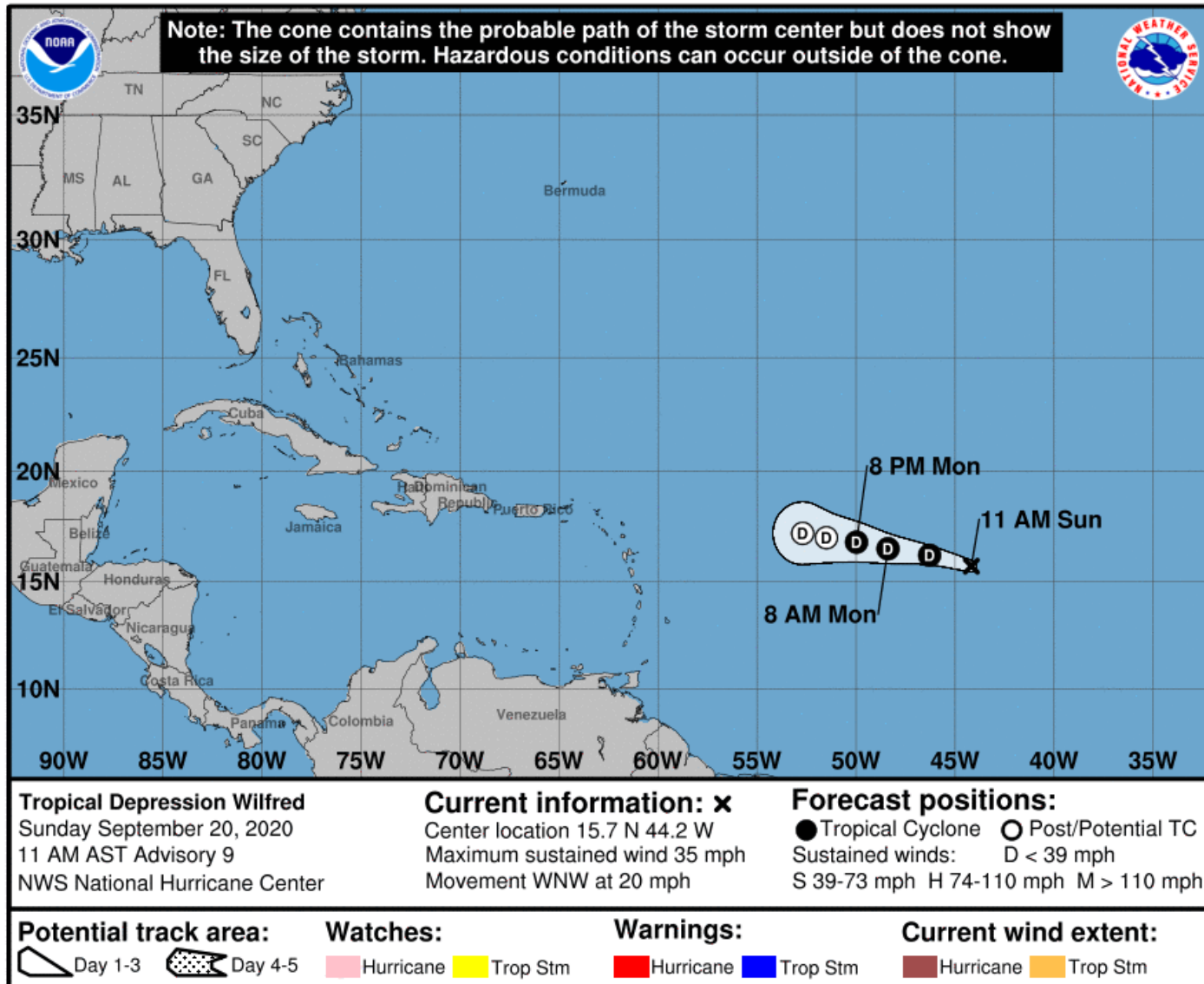


- The center of Teddy is located about 300 miles southeast of Bermuda
- Maximum sustained winds are at 105 mph (Category 2).
- Teddy is moving northwest at 9 mph, and a turn toward the north or north-northeast is expected later today
- Slow weakening is forecast this weekend, and a faster weakening is forecast early next week
- Teddy's wind field will expand as it becomes post-tropical, and large swells will propagate across much of the western Atlantic over the next several days.



Official Forecast Track

From the National Hurricane Center – Tropical Dep. Wilfred



- The center of Wilfred is located 1100 miles east of the Lesser Antilles.
- Maximum sustained winds are at 35 mph and Wilfred is now a depression.
- Wilfred is moving toward the west-northwest at 20 mph. This general motion will continue the next couple days.
- Gradual weakening is forecast, and dissipation is expected by Tuesday.



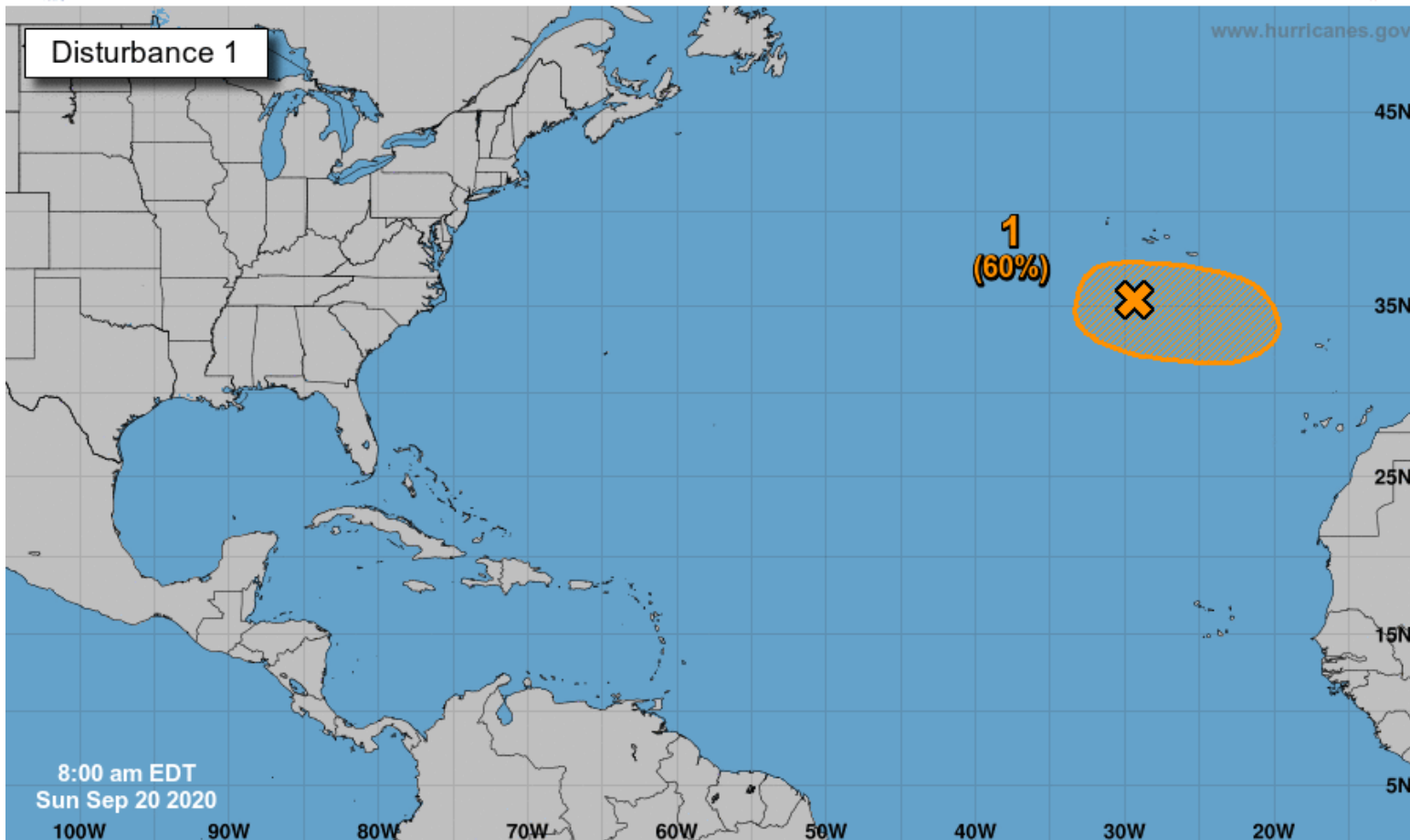
Tropical Weather Outlook

Possible Areas of Development During the Next 5 Days ([LINK](#)) – Ex-Paulette



Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



Post-Tropical Cyclone Paulette is located a few hundred miles south of the Azores and continues to produce a few showers, well to the northwest and north of its center of circulation.

This system is drifting southward over marginally warm waters and is expected to begin moving eastward in a couple of days.

The cyclone could develop tropical or subtropical characteristics during the next day or two, and advisories could be re-initiated on Paulette.

***Formation chance through 48 hours...medium...60%**

***Formation chance through 5 days...medium...60%**

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



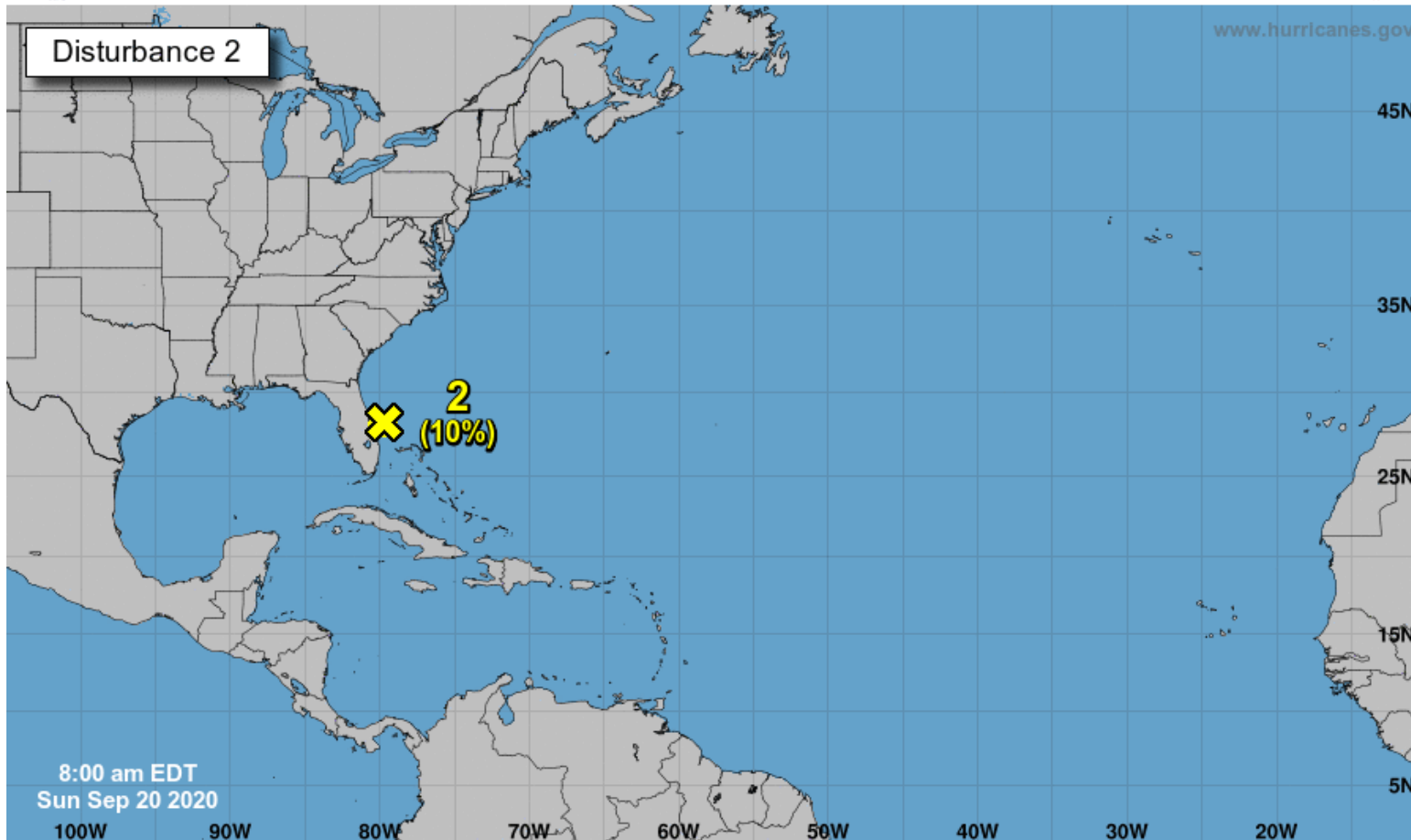
Tropical Weather Outlook

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



Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



A small and weak low pressure system, located near a frontal boundary near the coast of east-central Florida, is producing a small area of thunderstorms near and offshore of the coast.

The low has moved inland over Florida and development is not anticipated.

*Formation chance through 48 hours...low...10%

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

Current Disturbances and Five-Day Cyclone Formation Chance:
 Tropical or Sub-Tropical Cyclone:
 < 40% 40-60% > 60%
 Depression Storm Hurricane
 Post-Tropical Cyclone or Remnants



Overall Summary

Hurricane Teddy

- Teddy is currently located about about 300 miles southeast of Bermuda, moving northwest at 9 mph.
- Maximum sustained winds are near 105 mph (Category 2). Some slow weakening is forecast this weekend, followed by rapid weakening early next week as it moves north into Atlantic Canada.

Tropical Storm Wilfred

- Wilfred is located about 1100 miles east of the Lesser Antilles, moving west-northwest at 20 mph.
- Wilfred is weakening (now a depression) with the system likely to dissipate by Tuesday.

Tropical Storm Beta

- Beta is located about 180 miles southeast of Galveston, Texas, moving west-northwest at 3 mph.
- Maximum sustained winds are near 60 mph. Little change in strength is expected before landfall.
- Beta will approach the Texas Gulf Coast on Monday and Tuesday, then turn northeastward near or over Texas and Louisiana during the middle of next week.

Ex-Paulette & African Tropical Wave

- The remnants of former Hurricane Paulette have a 60% (medium) chance of regenerating into a tropical cyclone later this weekend or next week as it moves south and east into the eastern Atlantic.
- The tropical wave near the coast of Africa is no longer expected to develop and has been removed from the map.

Cold Front over Florida

- Gusty winds and heavy showers are ongoing in East-Central Florida and will continue into the overnight hours. The area of low pressure along the front as moved inland and further development is not expected.



Florida Outlook

Florida Outlook:

- **River Flood Warnings** continue for several rivers in the Panhandle. Many have crested and are receding. Parts of the Chipola, Choctawhatchee, and Apalachicola are cresting over the next day or two.
- Mostly dry conditions expected in the Panhandle with low rain chances. Breezy winds expected late in the weekend.
- High rain chances expected for the East Coast today/tonight along with strong winds and waves at the coast.
- 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!
- Significant coastal flooding is possible today and continuing through Tuesday along the East Coast, including the St. Johns River. **Coastal Flood Warnings** are in effect.
- No direct impacts are expected from any other tropical system, but Tropical Storm Beta in the Gulf of Mexico should be monitored.

The next briefing packet will be issued late Monday morning. 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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