



TROPICAL UPDATE



12:00 PM EDT

Saturday, September 19, 2020

Panhandle River Flooding

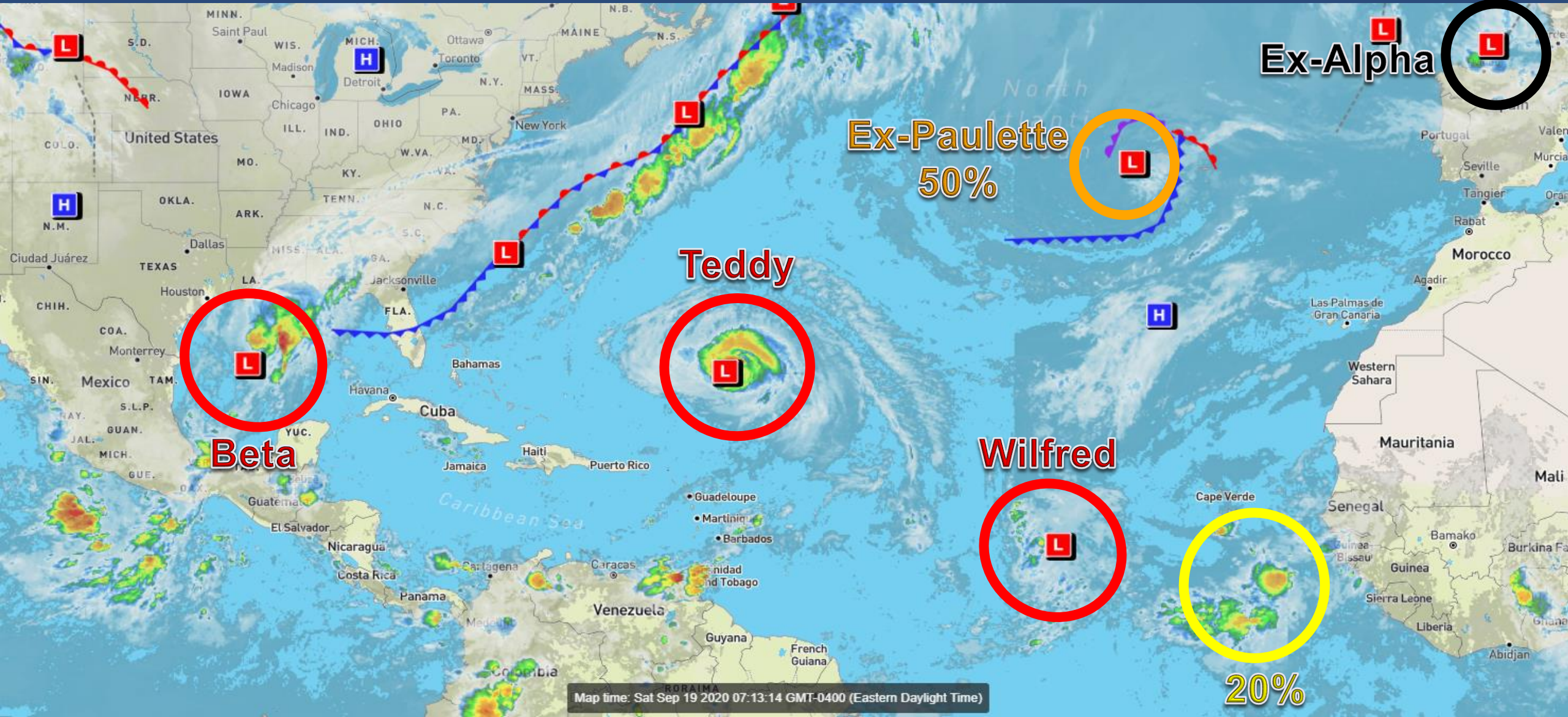
Hurricane Teddy, Tropical Storm Wilfred, Tropical Storm Beta
Weekend Coastal Flooding/Beach Erosion Event on East Coast

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



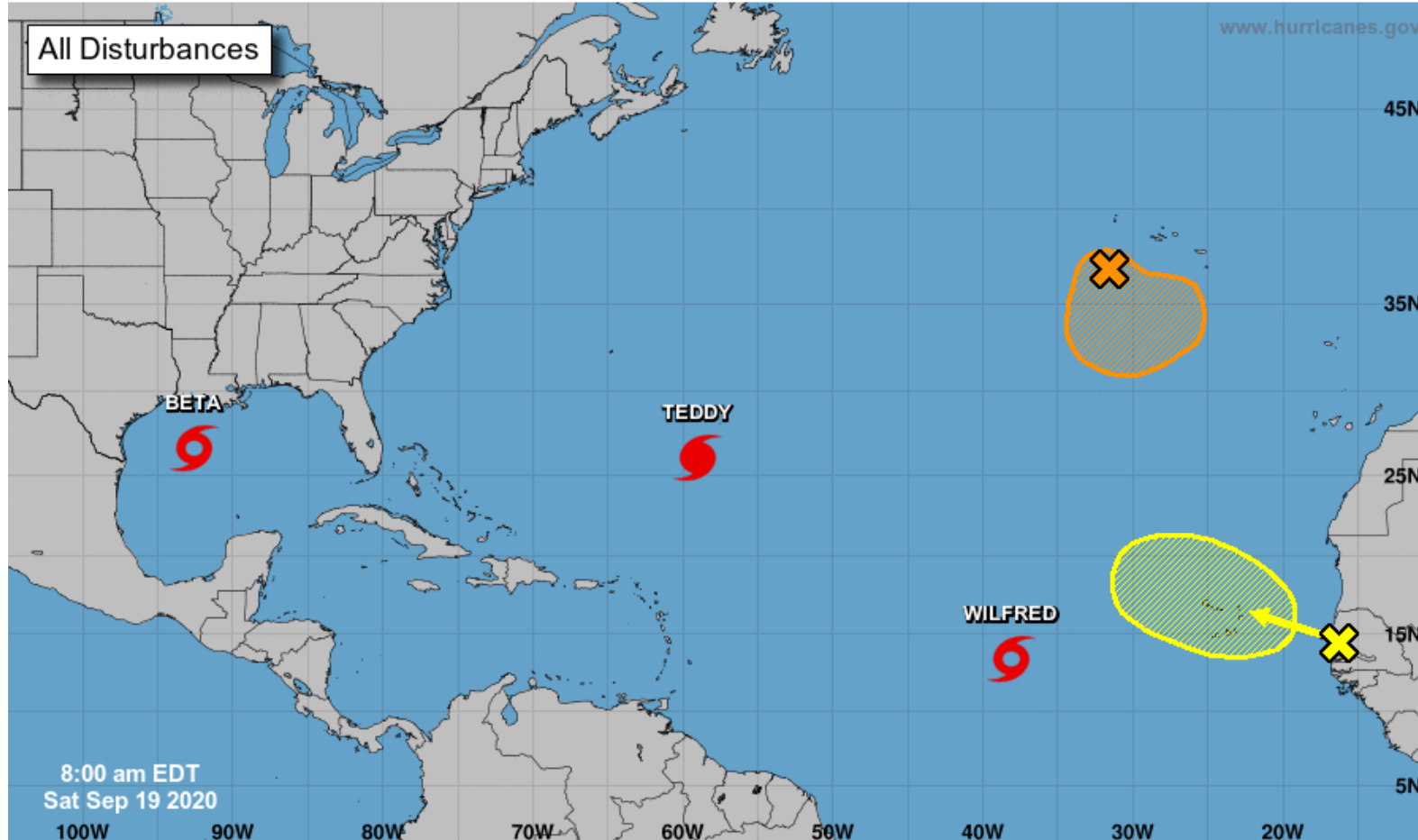


Tropical Weather Outlook

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



Five-Day Graphical Tropical Weather Outlook National Hurricane Center Miami, Florida

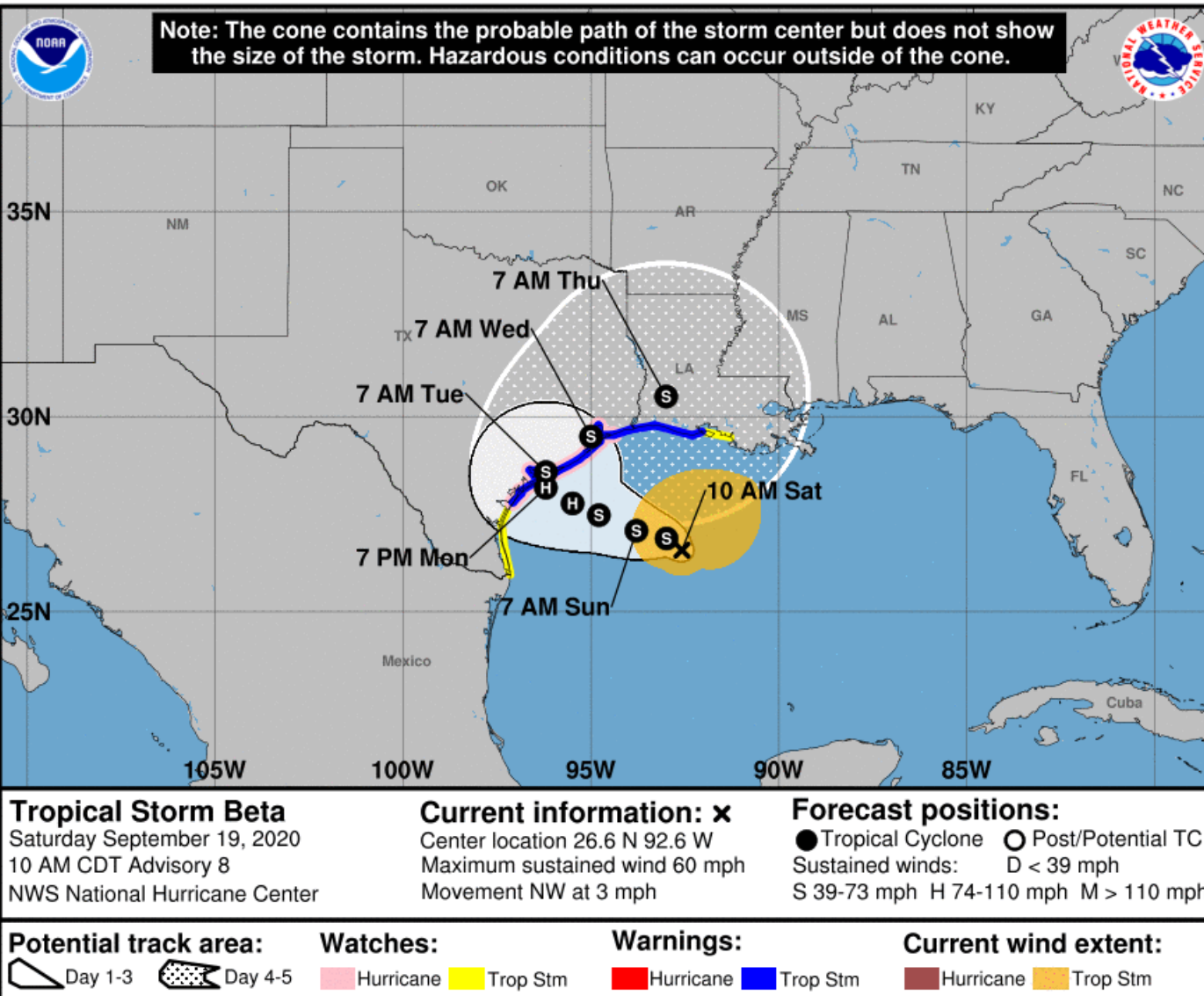


Current Disturbances and Five-Day Cyclone Formation Chance: < 40% 40-60% > 60%
Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane
 Post-Tropical Cyclone or Remnants



Official Forecast Track

From the National Hurricane Center – Tropical Storm Beta



- The center of Beta is located 245 miles south of Lake Charles, LA
- Maximum sustained winds are at 60 mph.
- Beta is moving toward the northwest at 3 mph, and a slow westward motion is expected later today.
- Additional slow strengthening is expected, and Beta is expected to become a hurricane Sunday night or Monday.
- Beta will likely approach the Texas coast Monday night or early Tuesday.

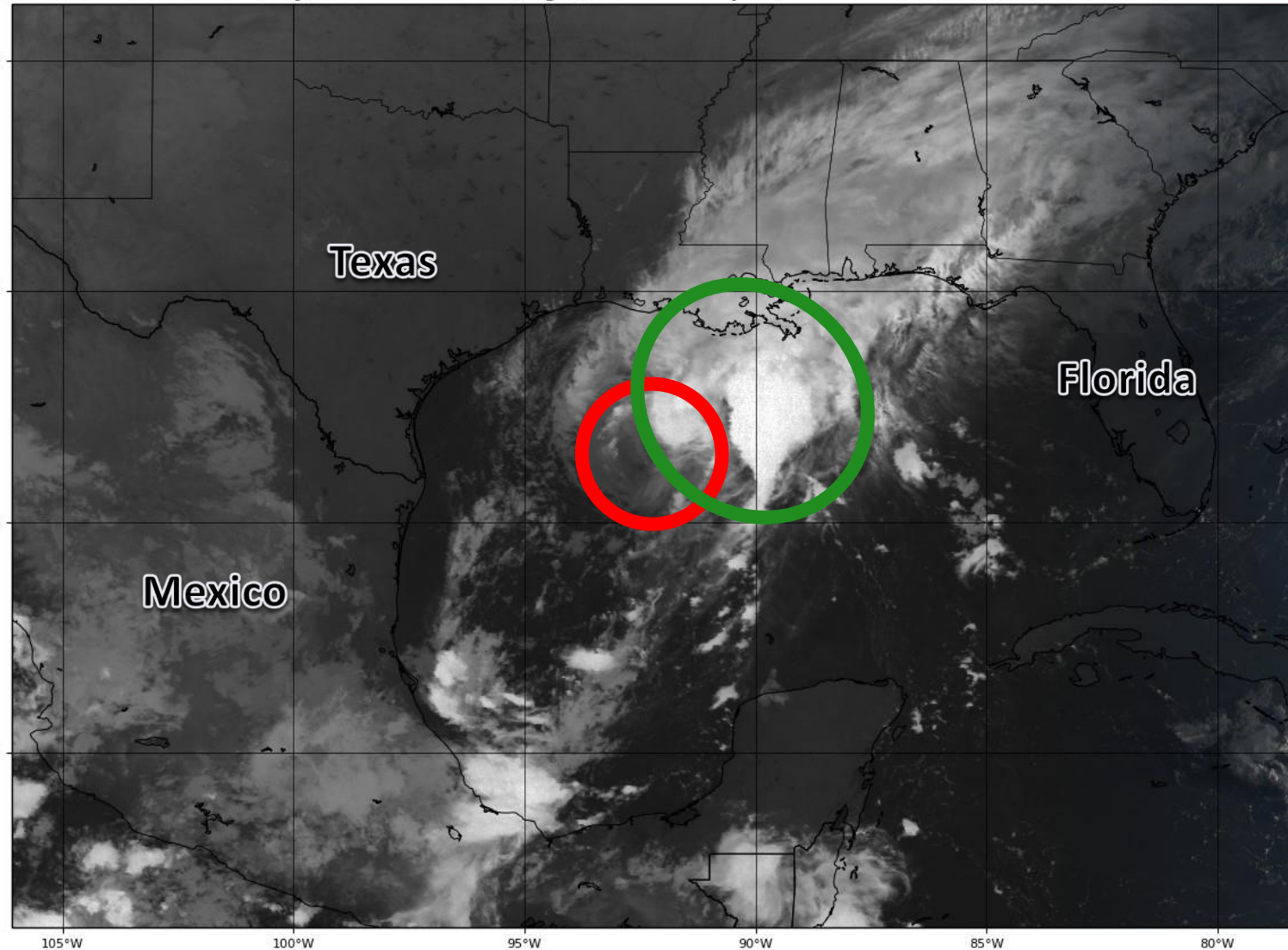


Satellite Imagery

Tropical Storm Beta

GOES-16 Natural Color (day) and Shortwave IR (night) at 11:27Z Sep 19, 2020

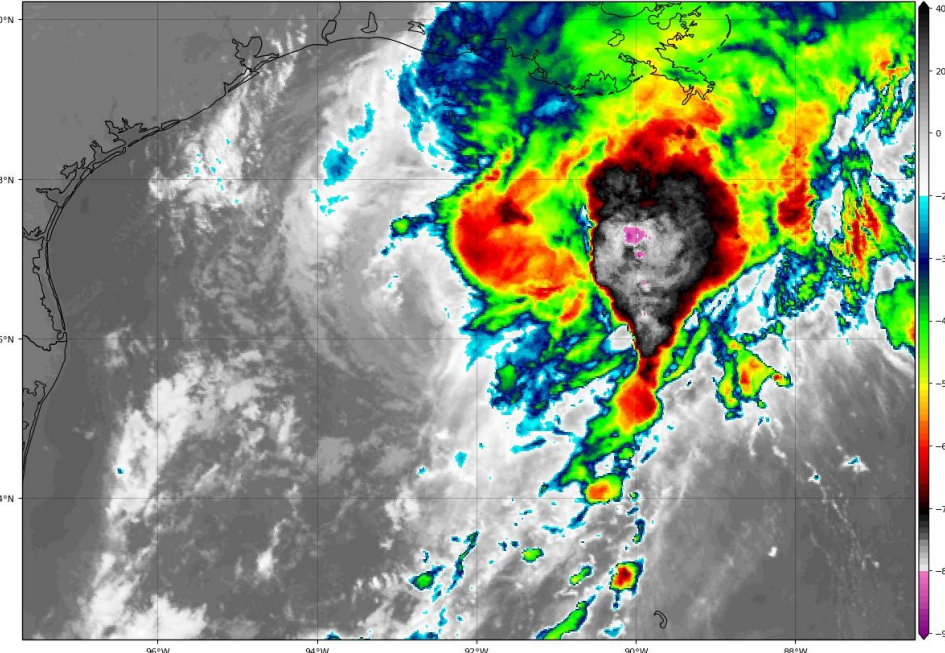
TROPICALTIDBITS.COM



Much of the showers and storms with Beta are being displaced to the northeast side (green circle) due to strong southwest wind shear. This could result in some scattered light showers across the Florida Panhandle through today and tonight.

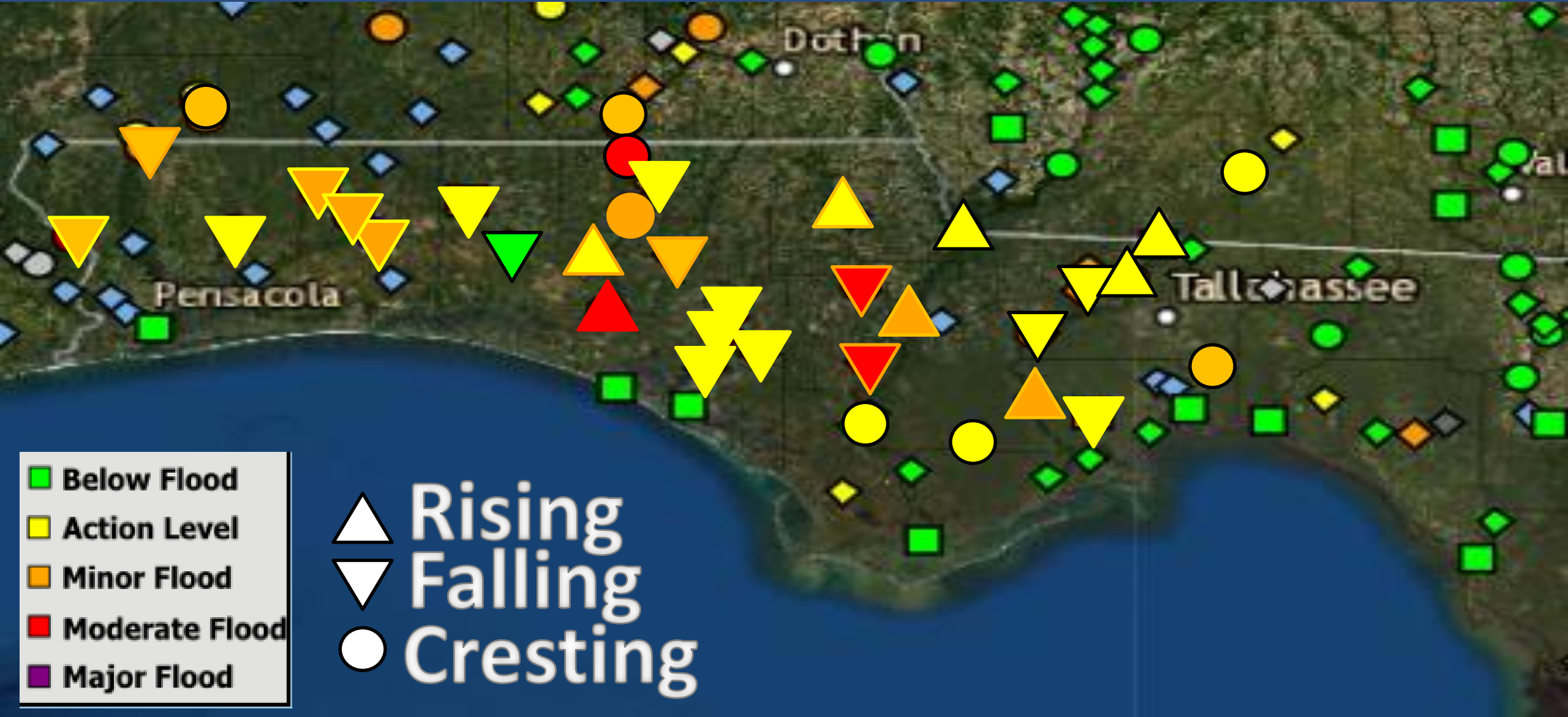
GOES-16 Channel 13 (IR) Brightness Temperature (°C) at 11:32Z Sep 19, 2020

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Current River Status





Latest River Forecasts

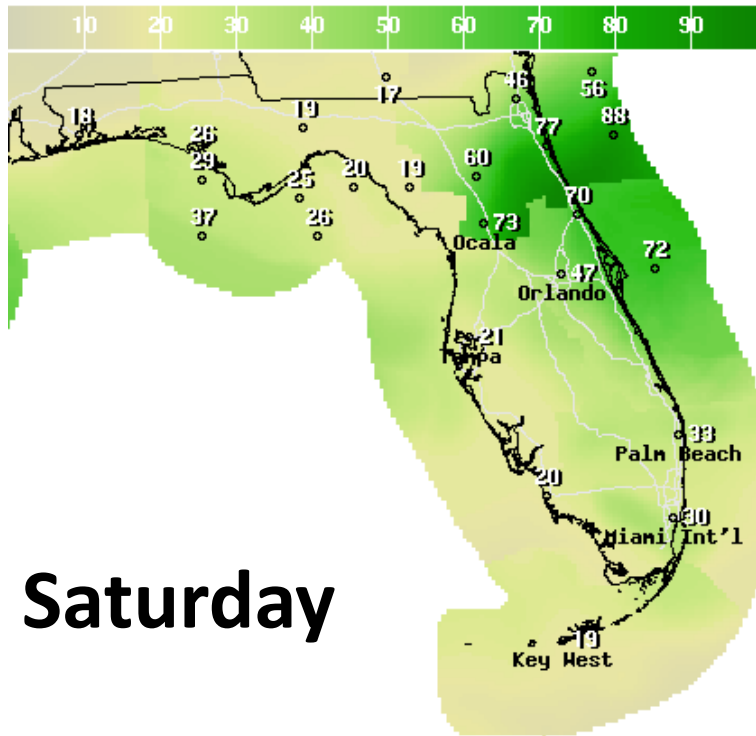
Southeast River Forecast Center

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	CRESTING	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	CRESTING	MODERATE: 17.7 ft.	9/21	9/24
Choctawhatchee River near Bruce & Ebro	Walton, Washington	RISING	MODERATE: 19.6 ft.	9/22	Beyond 9/26
Holmes Creek near Vernon	Washington	FALLING	MINOR: 27 ft.	9/18	9/20
Chipola River at Marianna	Jackson	RISING	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	RISING	MINOR: 23 ft.	9/21	Beyond 9/25

For more details on the hydrographs as well as impact statements, click the links for each river gauge.

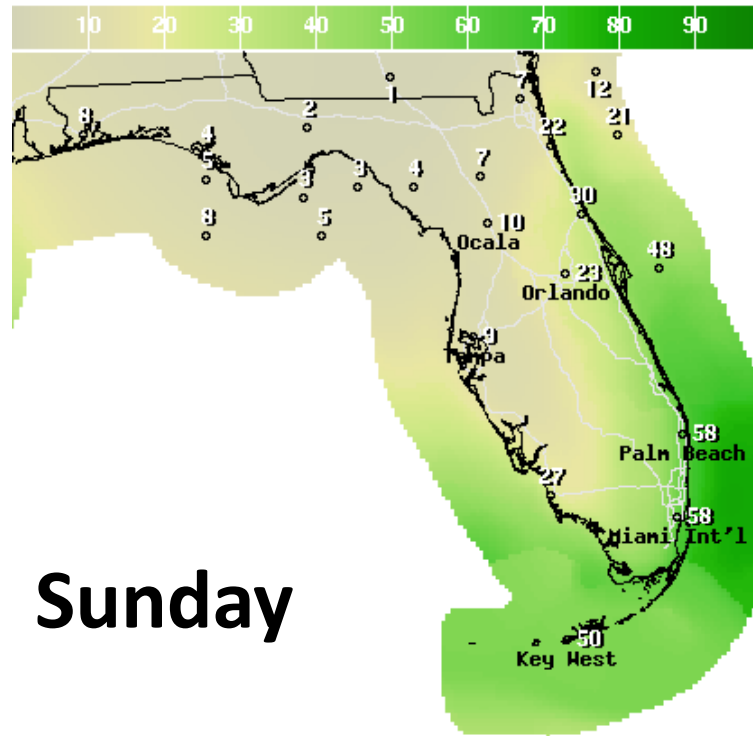


Rain Chances Next 3 Days



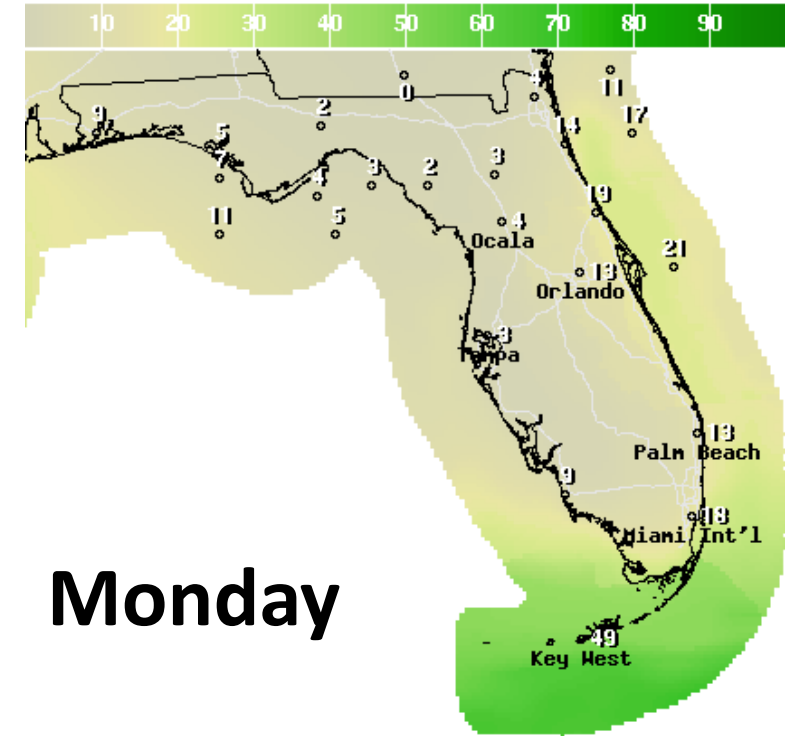
Saturday

12Hr Prob.Precip(%) Ending Sun Sep 20 2020 8AM EDT
(Sun Sep 20 2020 12Z)
National Digital Forecast Database
15z issuance Graphic created-Sep 19 11:16AM EDT



Sunday

12Hr Prob.Precip(%) Ending Mon Sep 21 2020 8AM EDT
(Mon Sep 21 2020 12Z)
National Digital Forecast Database
15z issuance Graphic created-Sep 19 11:16AM EDT



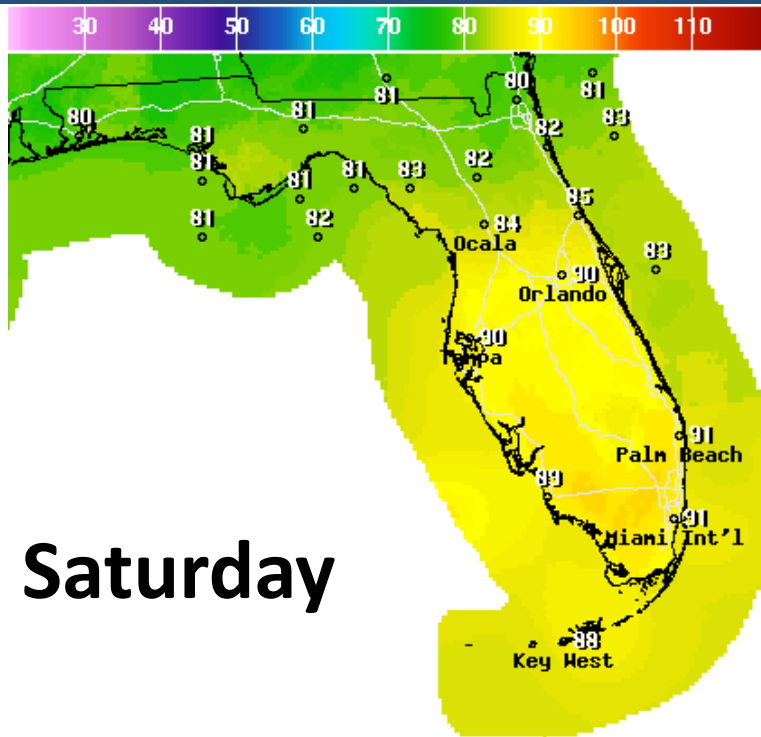
Monday

12Hr Prob.Precip(%) Ending Tue Sep 22 2020 8AM EDT
(Tue Sep 22 2020 12Z)
National Digital Forecast Database
13z issuance Graphic created-Sep 19 9:27AM EDT

Isolated to scattered showers possible in the Panhandle & Big Bend today due to moisture from TD22. Increasing rain chances in the Peninsula with stalling front and strong east winds.

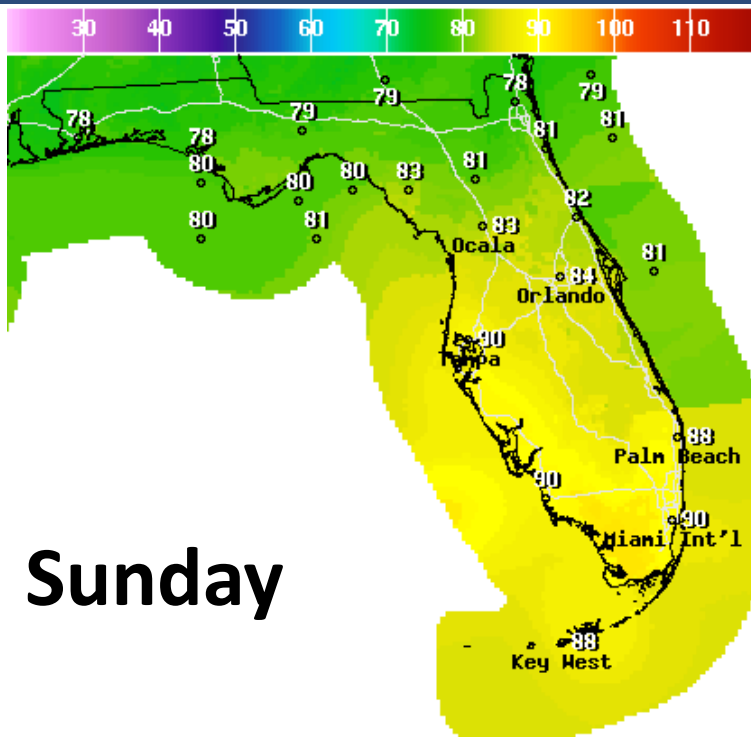


High Temperatures Next 3 Days



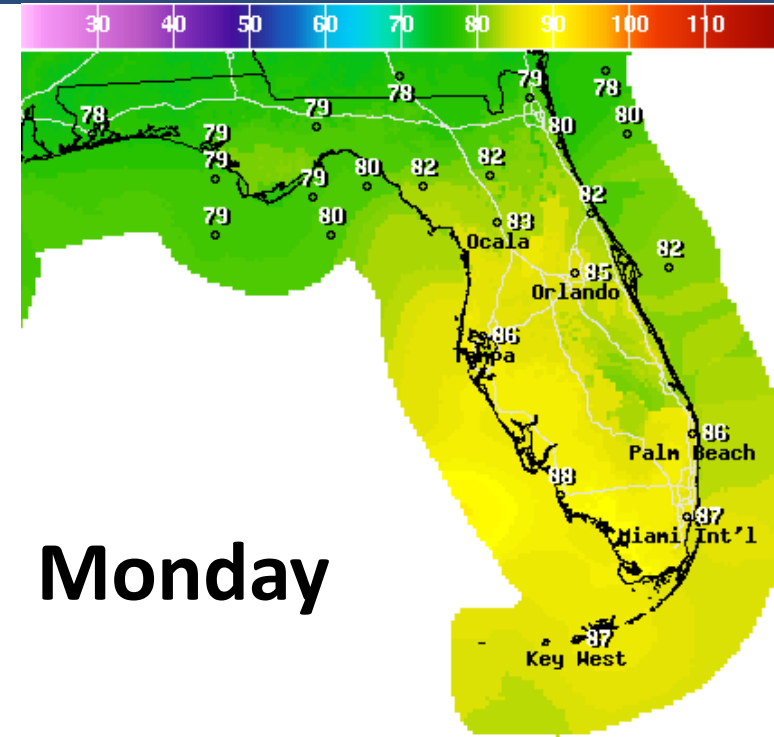
Saturday

High Temperature(F) Ending Sat Sep 19 2020 8PM EDT
(Sun Sep 20 2020 00Z)
National Digital Forecast Database
15z issuance Graphic created-Sep 19 11:09AM EDT



Sunday

High Temperature(F) Ending Sun Sep 20 2020 8PM EDT
(Mon Sep 21 2020 00Z)
National Digital Forecast Database
15z issuance Graphic created-Sep 19 11:09AM EDT



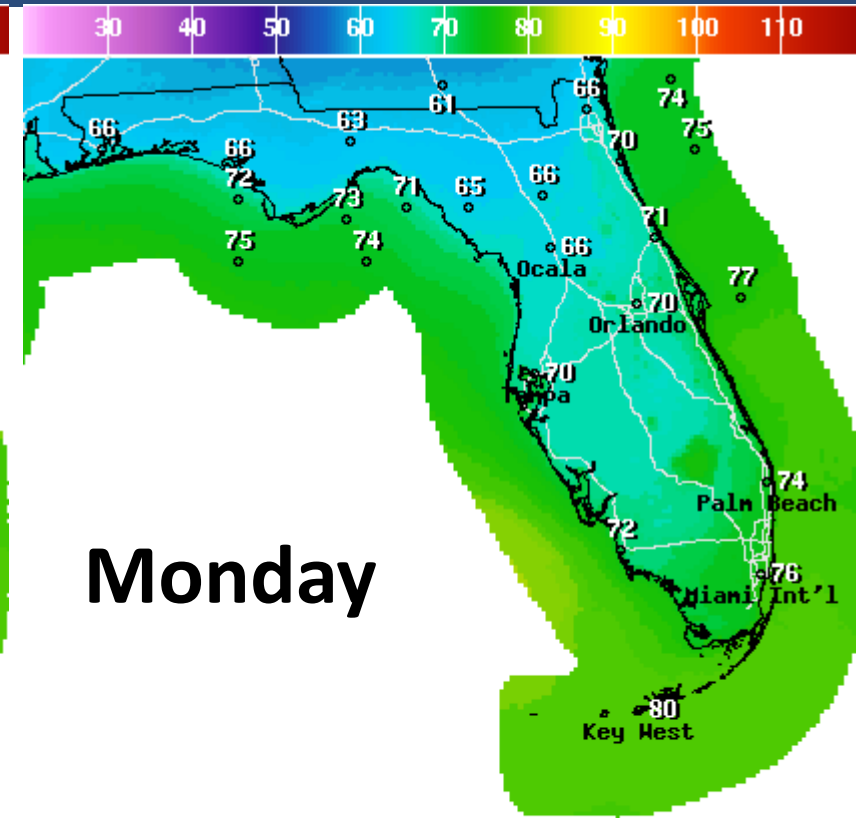
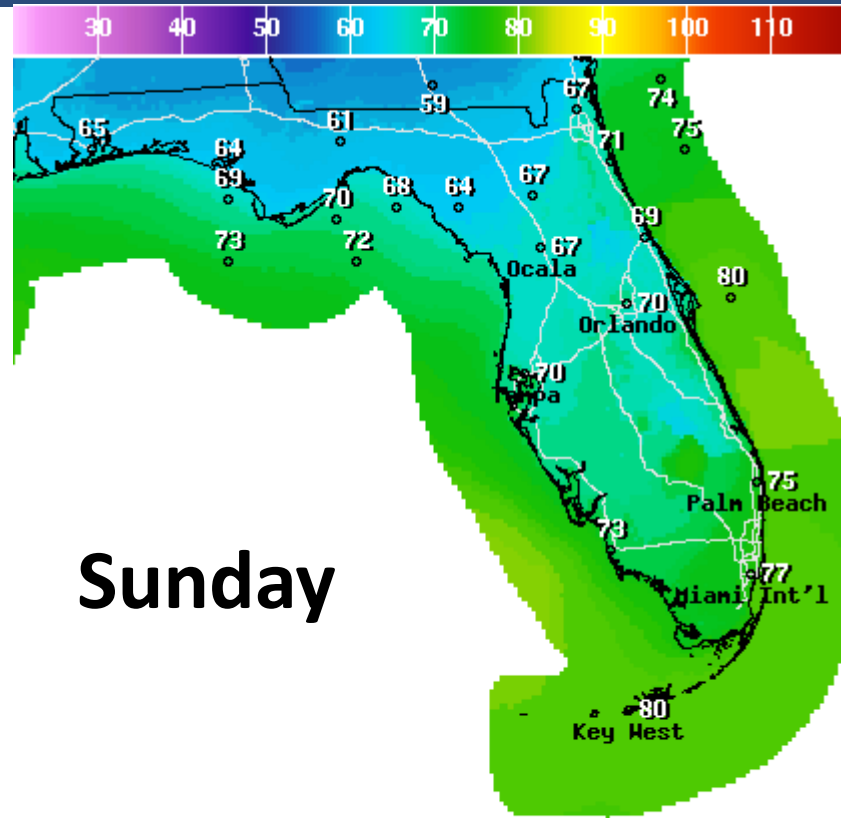
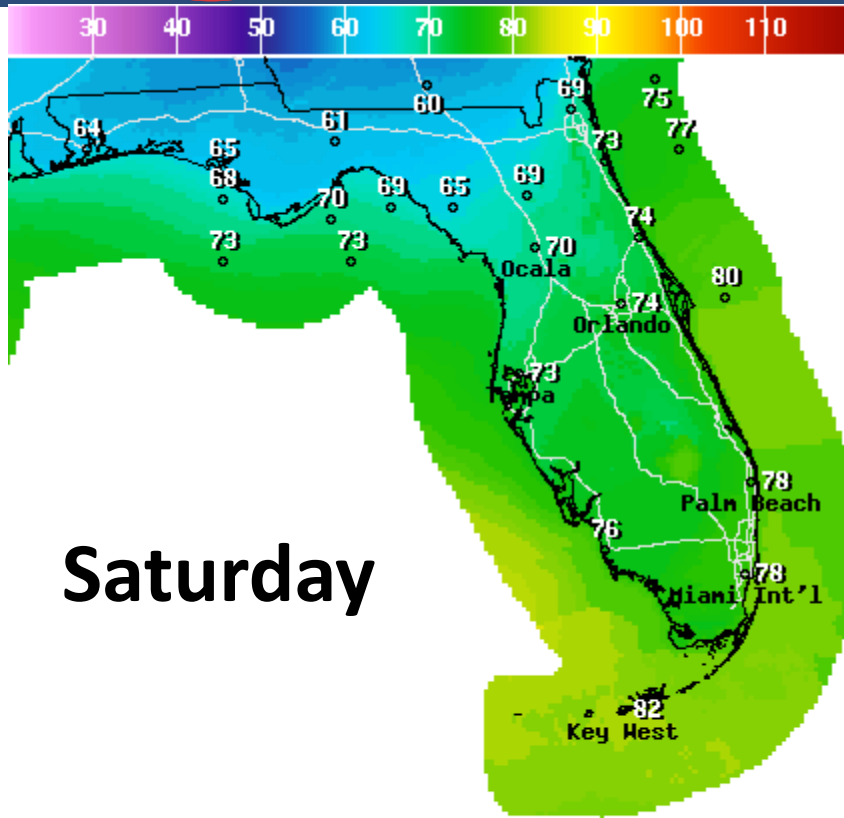
Monday

High Temperature(F) Ending Mon Sep 21 2020 8PM EDT
(Tue Sep 22 2020 00Z)
National Digital Forecast Database
15z issuance Graphic created-Sep 19 11:10AM EDT

Cold front brings much cooler temperatures to North Florida. Still a summer-like feel across the Peninsula.



Low Temperatures Next 3 Days



Low Temperature(F) Ending Mon Sep 21 2020 8AM EDT
(Mon Sep 21 2020 12Z)
National Digital Forecast Database
15z issuance Graphic created-Sep 19 11:10AM EDT

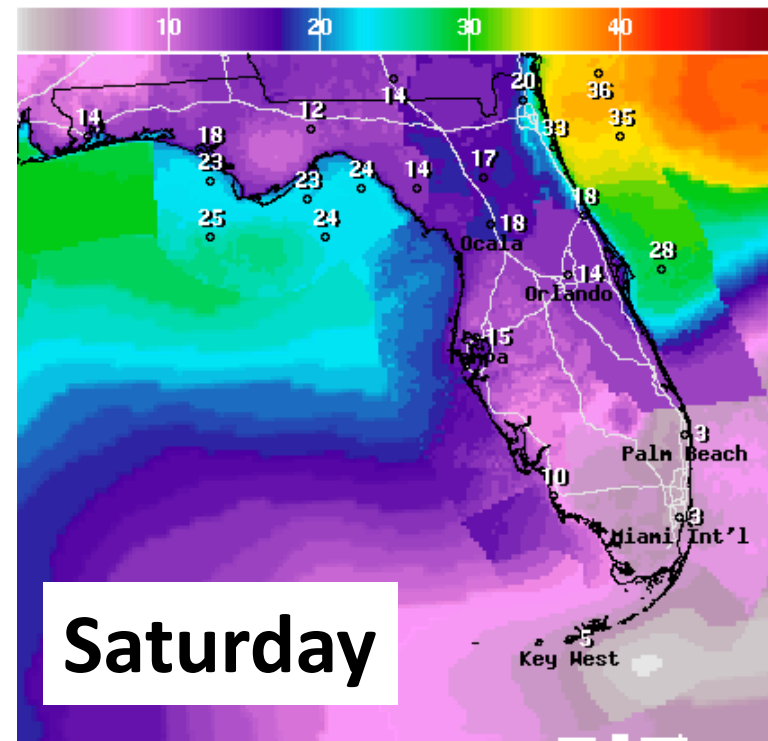
Low Temperature(F) Ending Tue Sep 22 2020 8AM EDT
(Tue Sep 22 2020 12Z)
National Digital Forecast Database
13z issuance Graphic created-Sep 19 9:11AM EDT

Low Temperature(F) Ending Wed Sep 23 2020 8AM EDT
(Wed Sep 23 2020 12Z)
National Digital Forecast Database
13z issuance Graphic created-Sep 19 9:11AM EDT

Cold front brings much cooler temperatures to North Florida. Still a summer-like feel across the Peninsula.



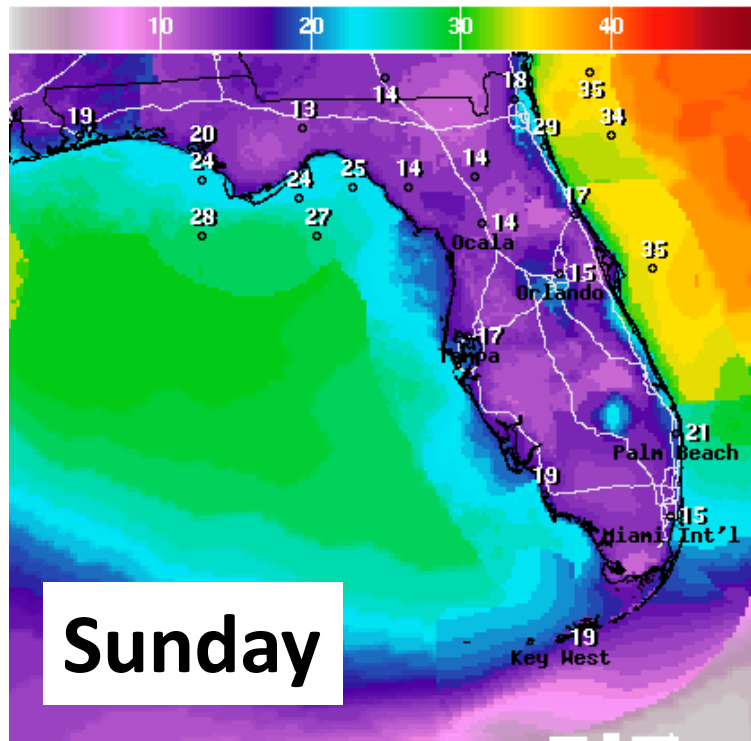
Wind Gusts Saturday - Monday



Saturday

Wind Gust(Kts) Sun Sep 20 2020 5AM EDT
(Sun Sep 20 2020 09Z)

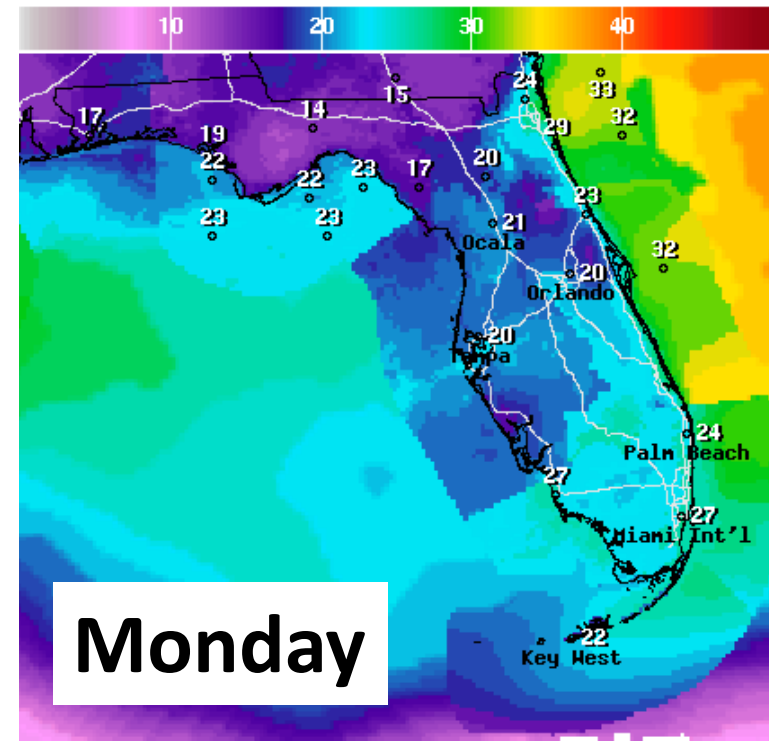
National Digital Forecast Database
15z issuance Graphic created-Sep 19 11:24AM EDT



Sunday

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

National Digital Forecast Database
15z issuance Graphic created-Sep 19 11:24AM EDT



Monday

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

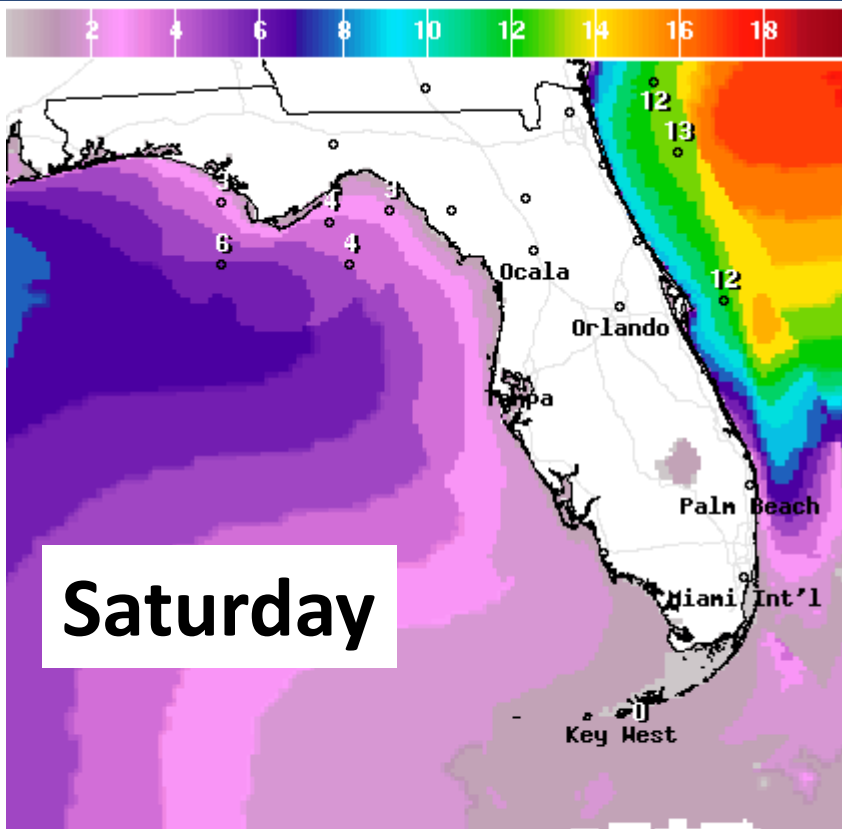
National Digital Forecast Database
15z issuance Graphic created-Sep 19 11:25AM EDT

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

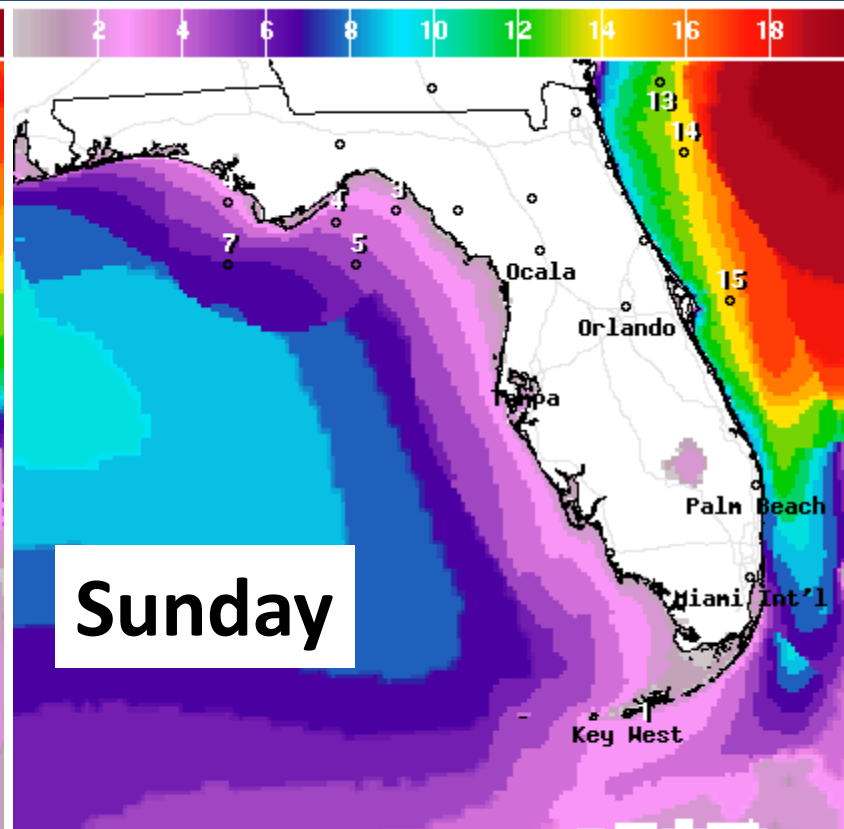
Northeast winds of 15-25 mph with gusts of 30-45 mph are possible. Higher gusts in heavy showers



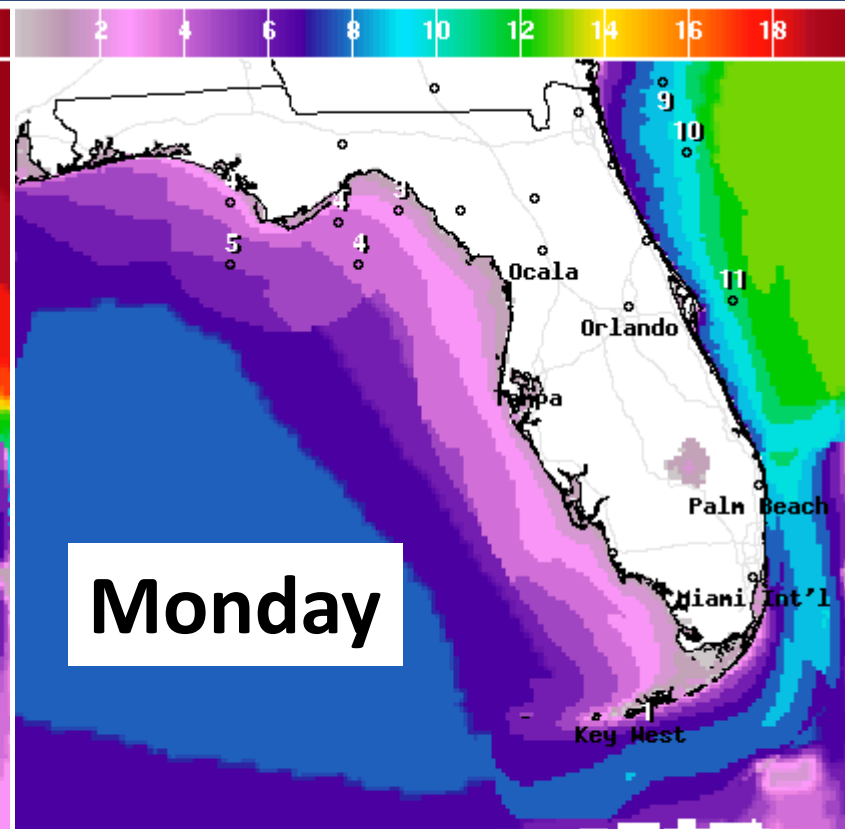
Wave Heights Saturday - Monday



Wave Height(ft) Ending Sun Sep 20 2020 8AM EDT
(Sun Sep 20 2020 12Z)
National Digital Forecast Database
15z issuance Graphic created-Sep 19 11:14AM EDT



Wave Height(ft) Ending Mon Sep 21 2020 8AM EDT
(Mon Sep 21 2020 12Z)
National Digital Forecast Database
15z issuance Graphic created-Sep 19 11:14AM EDT



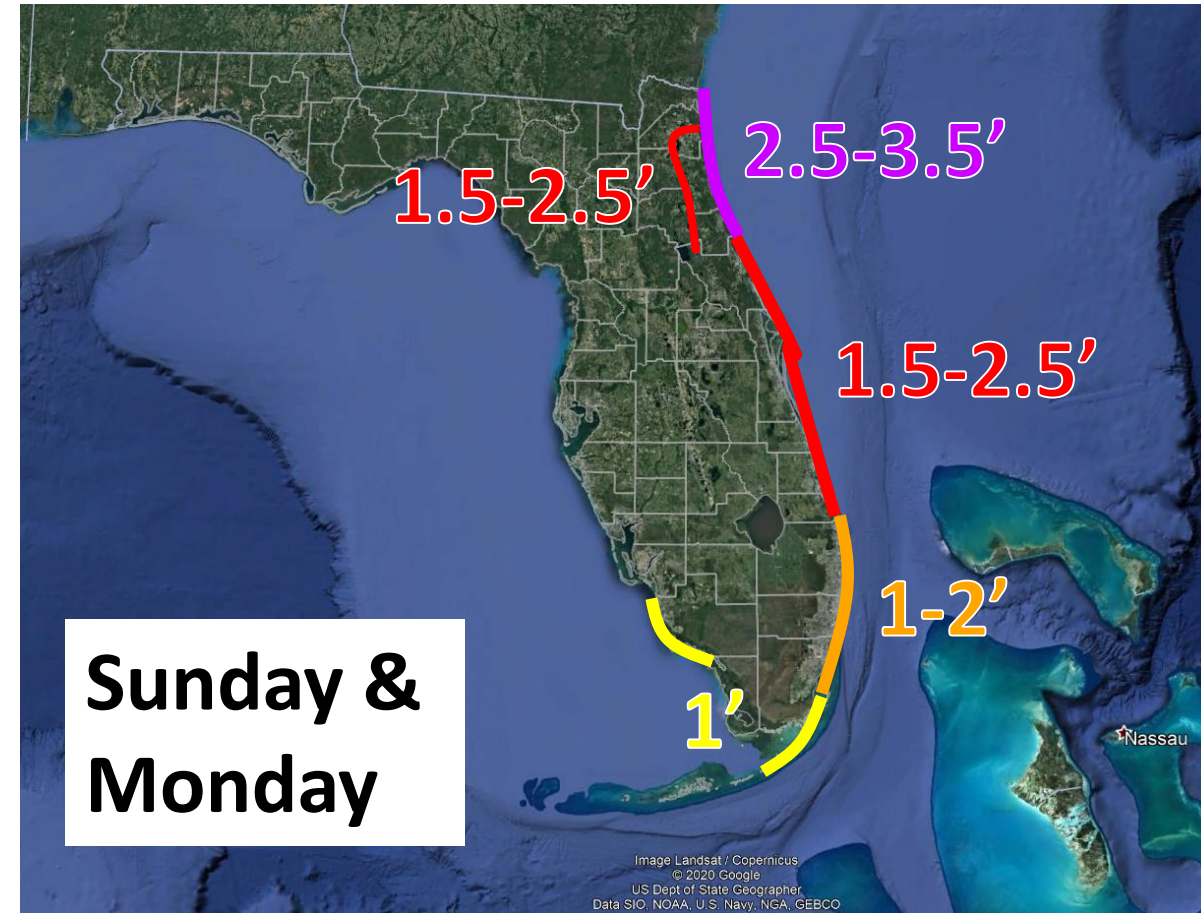
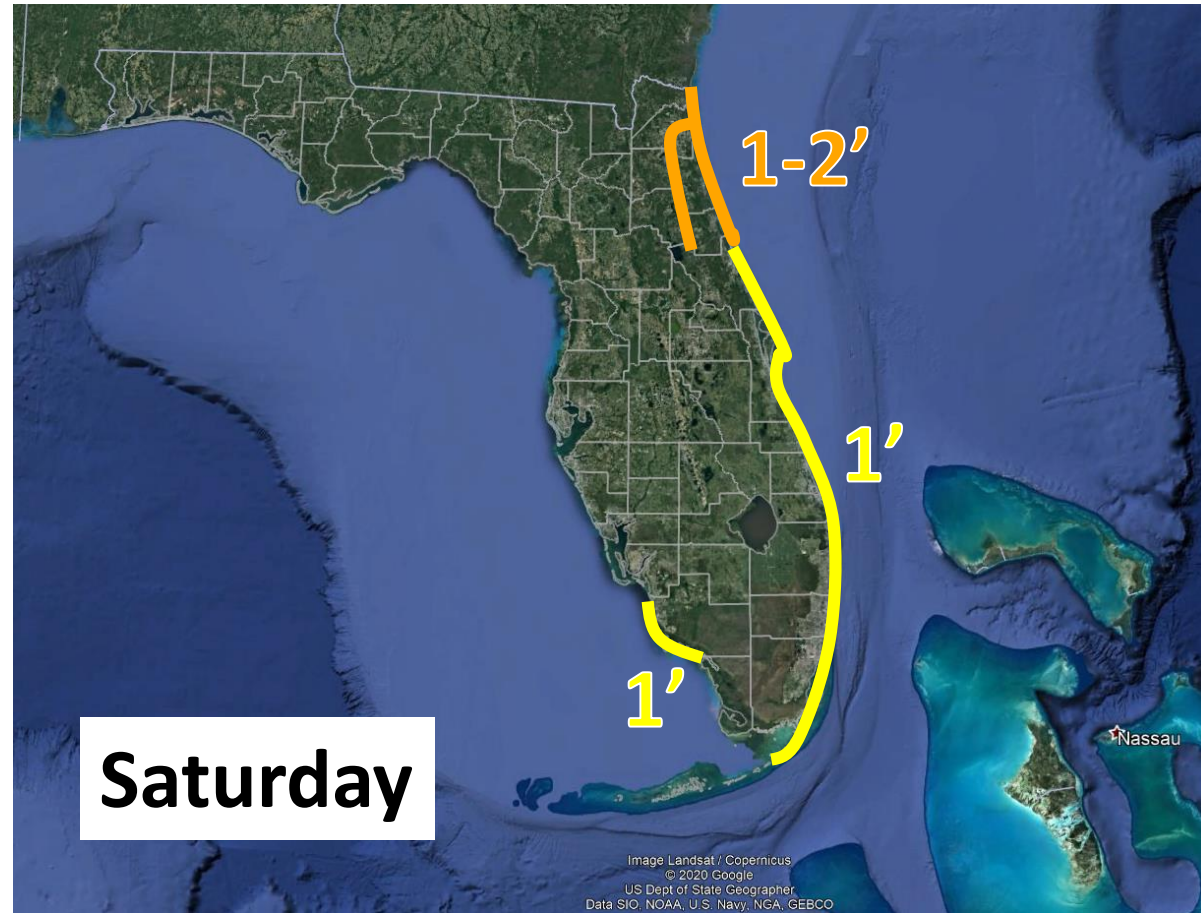
Wave Height(ft) Ending Tue Sep 22 2020 8AM EDT
(Tue Sep 22 2020 12Z)
National Digital Forecast Database
13z issuance Graphic created-Sep 19 9:23AM EDT

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

Saturday - Monday



Minor to moderate coastal flooding is expected today along much of the East Coast, but more significant coastal flooding is possible Sunday and Monday.



Coastal Flood Alerts

Saturday - Monday

Coastal Flood Advisory
(minor coastal flooding)

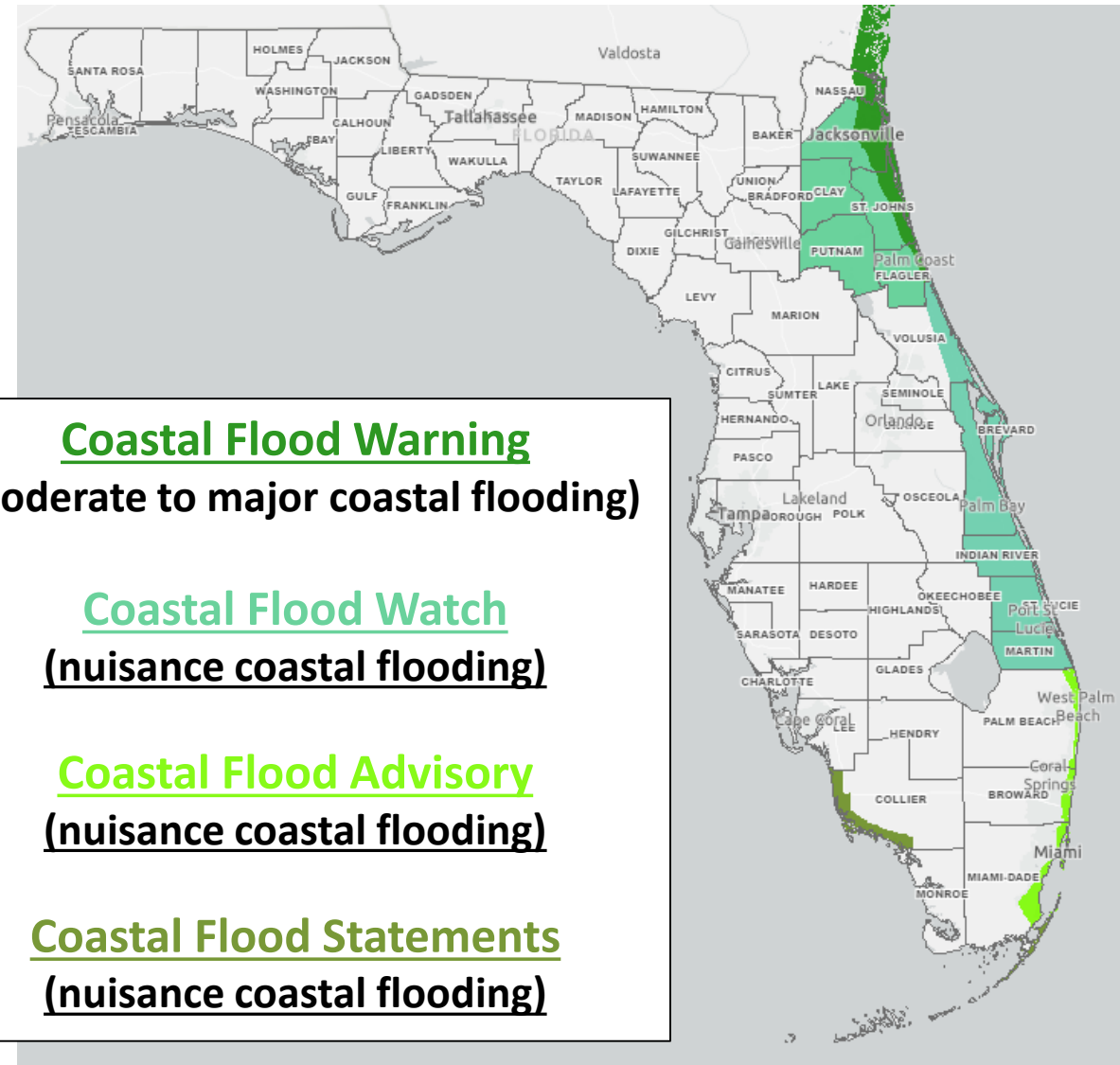
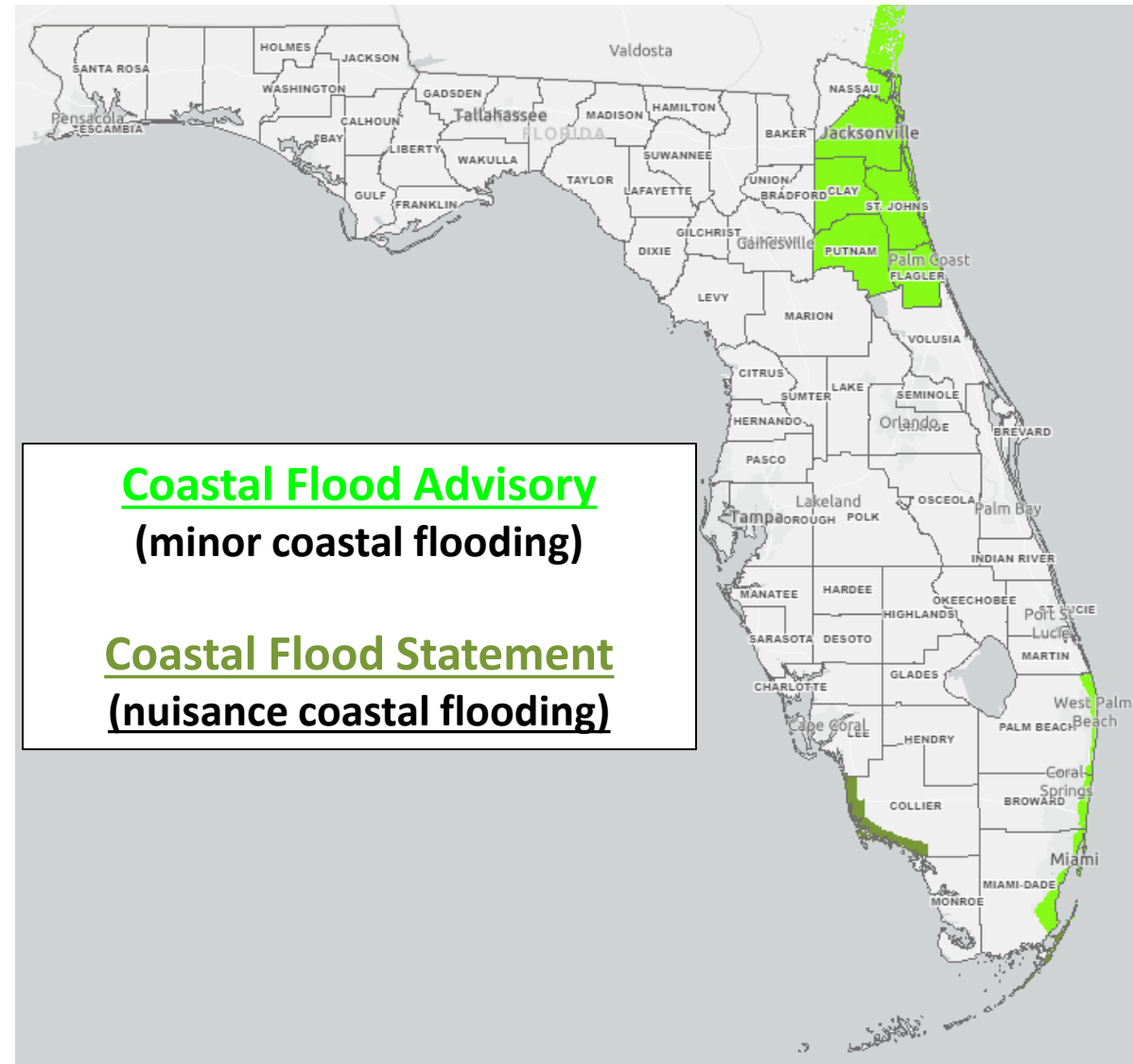
Coastal Flood Statement
(nuisance coastal flooding)

Coastal Flood Warning
(moderate to major coastal flooding)

Coastal Flood Watch
(nuisance coastal flooding)

Coastal Flood Advisory
(nuisance coastal flooding)

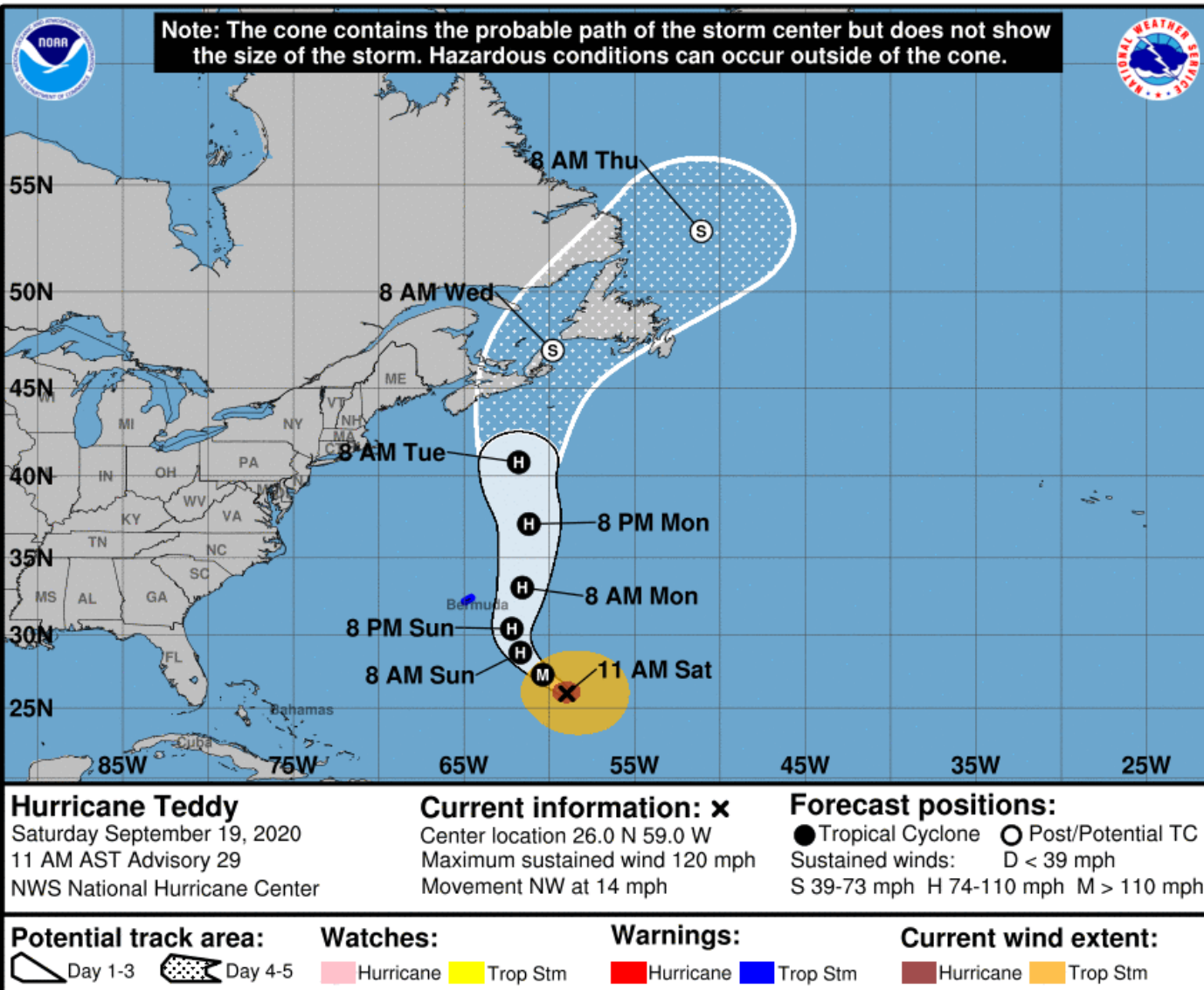
Coastal Flood Statements
(nuisance coastal flooding)





Official Forecast Track

From the National Hurricane Center – Hurricane Teddy

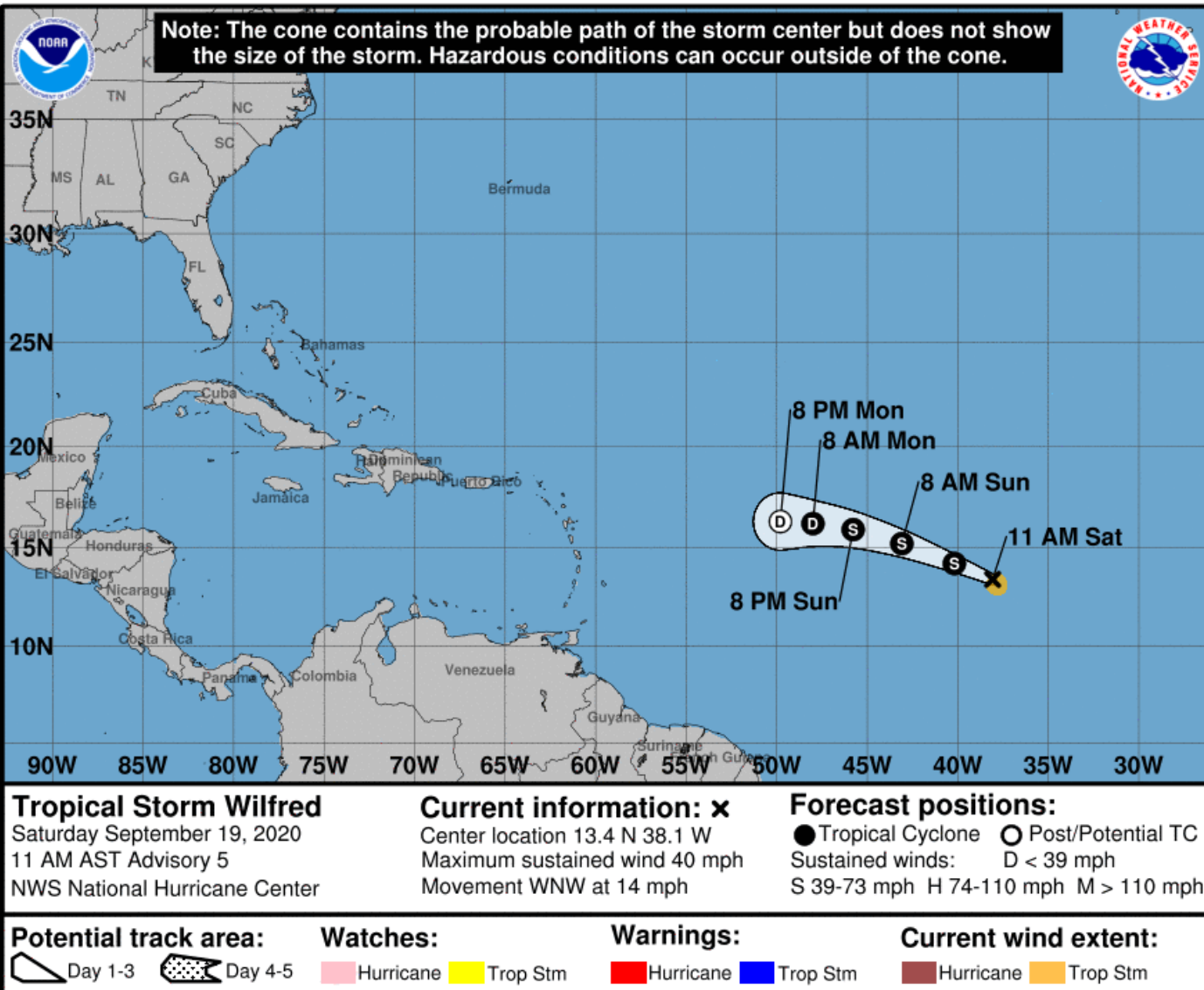


- The center of Teddy is located about 560 miles southeast of Bermuda
- Maximum sustained winds are at 120 mph (Category 3).
- Teddy is moving northwest at 14 mph, and a turn toward the north or north-northeast is expected on Sunday.
- Slow weakening is forecast this weekend, and a faster weakening is forecast early next week
- Teddy's wind field will expand, 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 Storm Wilfred



- The center of Wilfred is located 960 miles west of the Cabo Verde Islands.
- Maximum sustained winds are at 40 mph.
- Wilfred is moving toward the west-northwest at 14 mph. This general motion will continue the next couple days.
- Gradual weakening is forecast, and dissipation is expected by Tuesday.



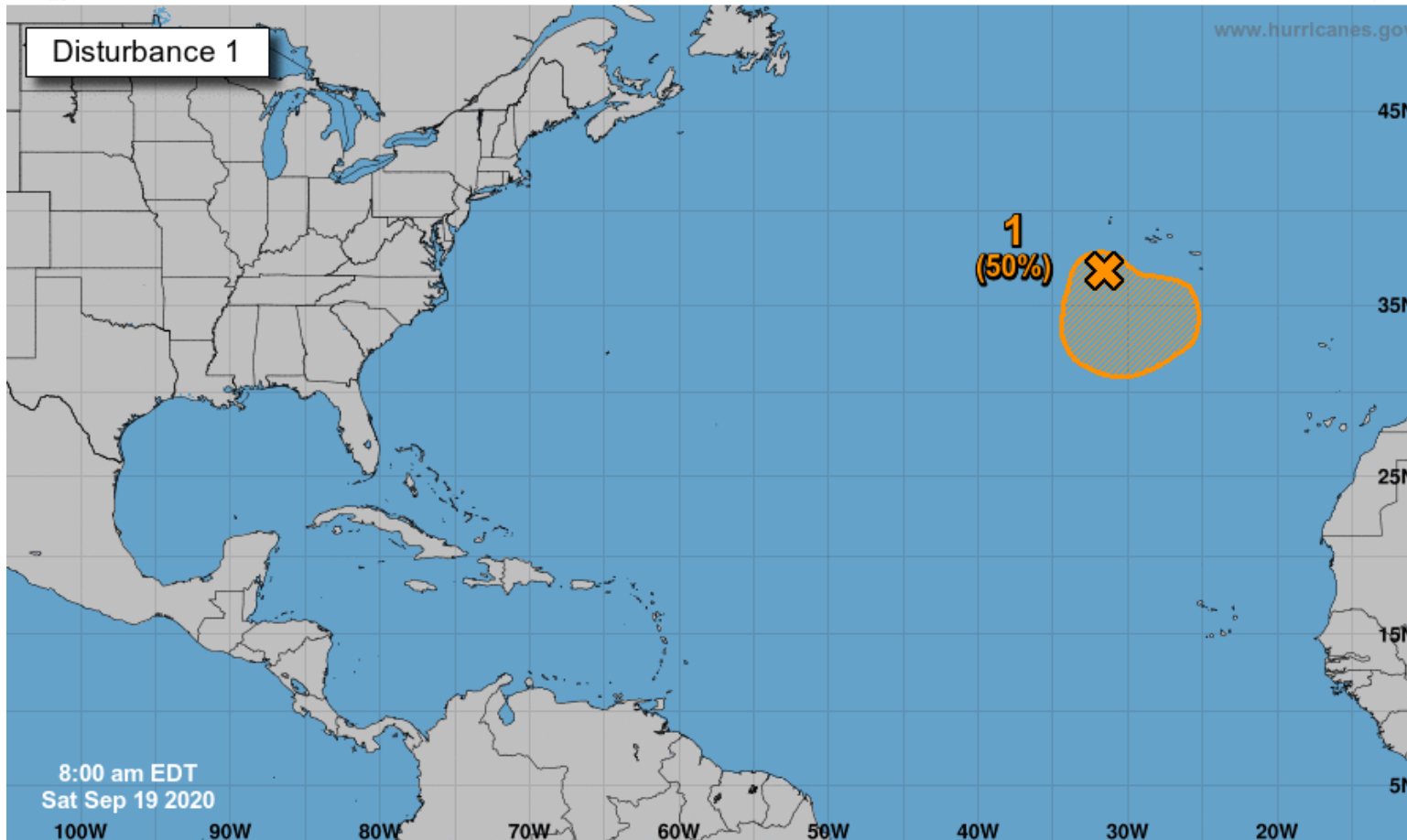
Tropical Weather Outlook

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



Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



Post-Tropical Cyclone Paulette is moving southward and is now located a few hundred miles southwest of the Azores. The cyclone is forecast to continue southward for the next day or so and then stall over marginally warm waters a few hundred miles south of the Azores. The cyclone could subsequently develop tropical or subtropical characteristics by early next week while it moves little.

***Formation chance through 48 hours...medium...40%**

***Formation chance through 5 days...medium...50%**

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



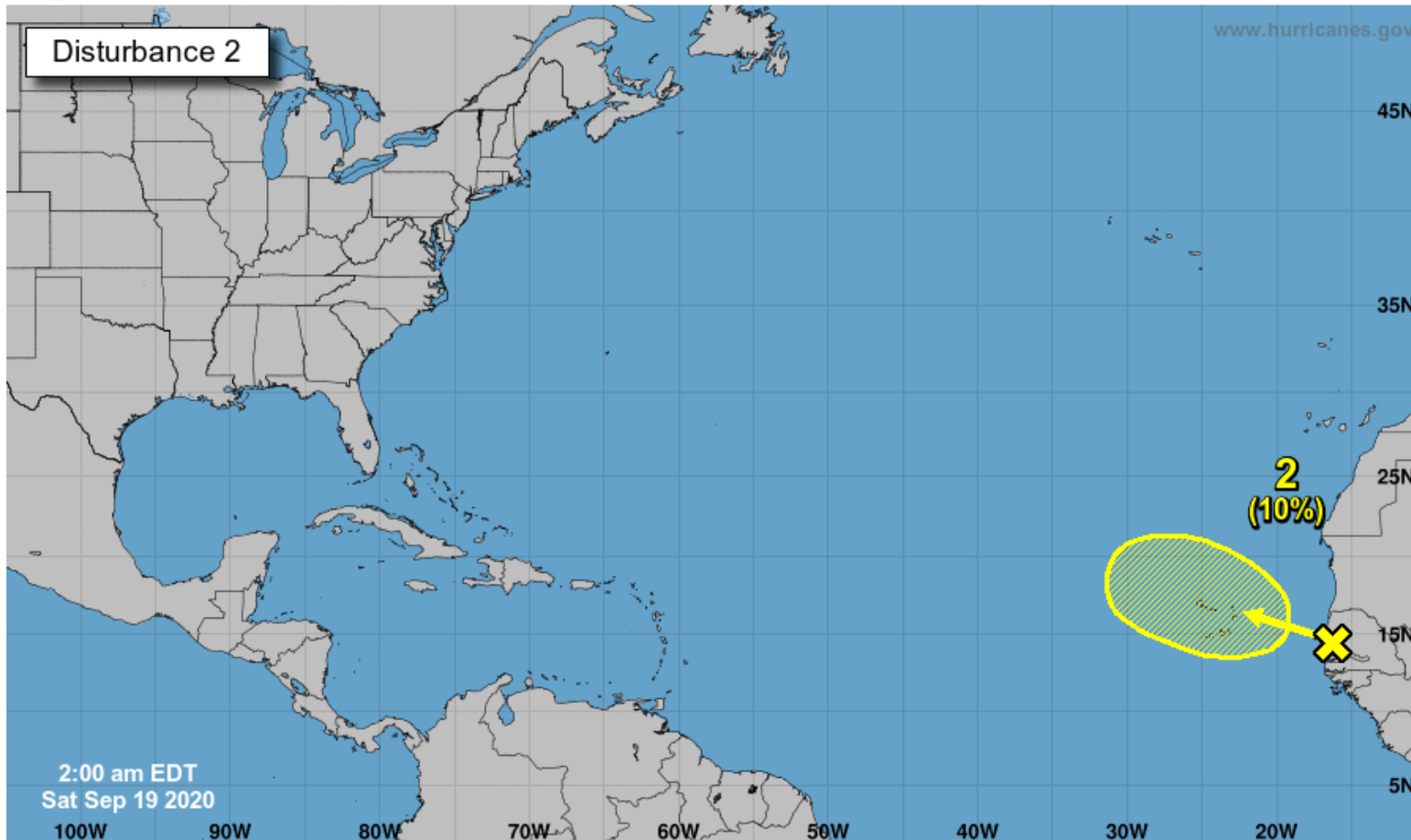
Tropical Weather Outlook

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



Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



A tropical wave is located near the west coast of Africa and will move westward over the far eastern Atlantic during the next few days. Development of this system, if any, will be slow to occur during that time.

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

*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 560 miles southeast of Bermuda, moving northwest at 14 mph.
- Maximum sustained winds are near 120 mph (Category 3). Some slow weakening is forecast this weekend, followed by rapid weakening early next week

Tropical Storm Wilfred

- Wilfred is located about 960 miles west of the Cabo Verde Islands, moving west-northwest at 14 mph.
- Maximum sustained winds are currently near 40 mph. Gradual weakening is forecast until dissipation on Tuesday.

Tropical Storm Beta

- Beta is located about 240 miles south of Lake Charles, Louisiana, moving northwest at 3 mph..
- Maximum sustained winds are near 60 mph. Slow strengthening is expected, and Beta could become a hurricane late Sunday or Monday.
- 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.
- However, slow moving systems like Beta have a larger-than-normal uncertainty in their track forecast.

Ex-Paulette & African Tropical Wave

- The remnants of former Hurricane Paulette has a 50% of regenerating into a tropical cyclone later this weekend or next week as it moves south into the eastern Atlantic.
- A tropical wave is expected to emerge off the coast of Africa soon and has a 10% chance of development over the next 5 days.



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 still rising
- High rain chances expected for the Peninsula this weekend along with increasing winds and waves at the coast.
- Mostly dry conditions expected in the Panhandle with low rain chances. Breezy winds expected late in the weekend.
- The combination of strong northerly winds and swells from Hurricane Teddy will create very high surf along the East Coast this weekend into next week. Beach erosion and dangerous rip currents are expected!
- Potentially significant coastal flooding is possible beginning today and continuing through early next week along the East Coast.
- No direct impacts are expected from any other tropical system, but TD #22 in the Gulf of Mexico should be monitored.

The next briefing packet will be issued Sunday. 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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