



TROPICAL UPDATE



11 AM EDT

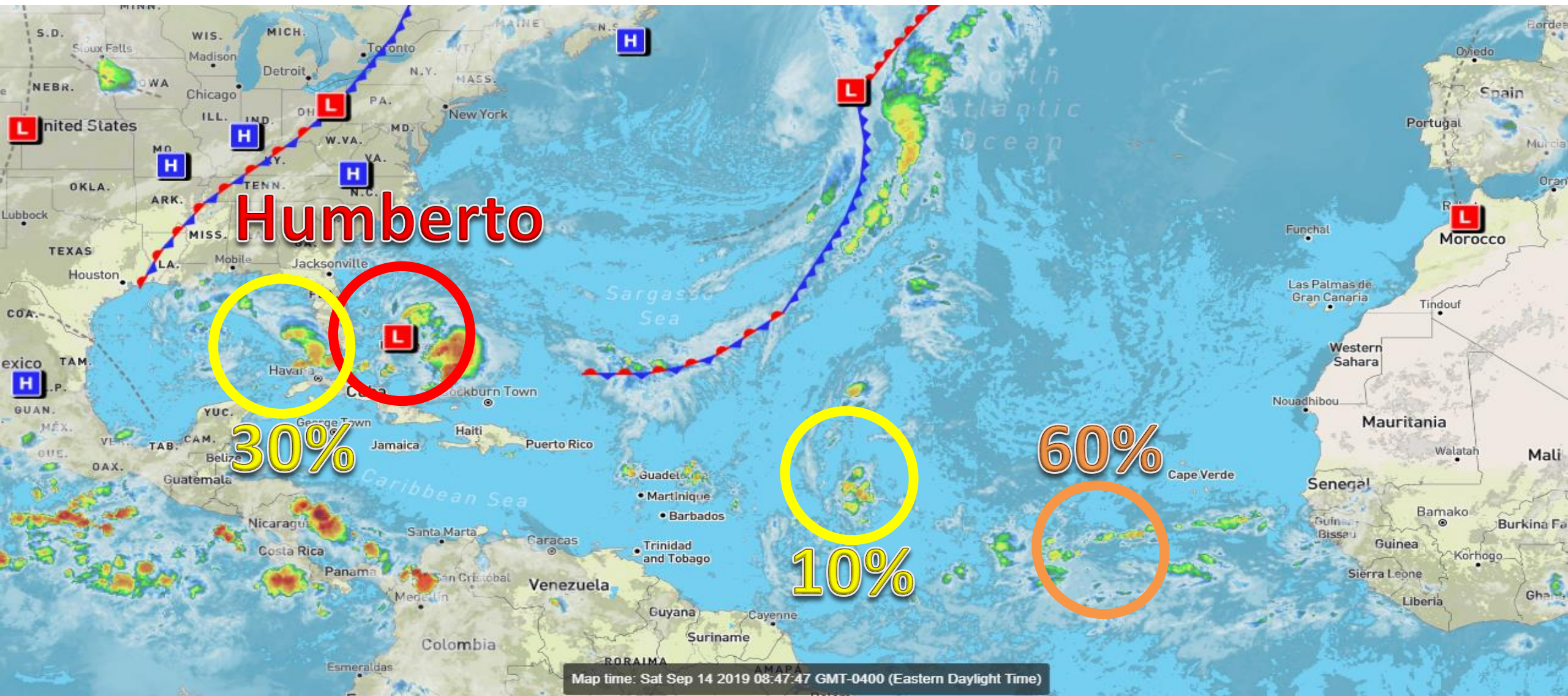
Saturday, September 14, 2019

Tropical Storm Humberto, Gulf of Mexico Disturbance (30%), Invest 96L (10%), Eastern Atlantic Wave (60%)

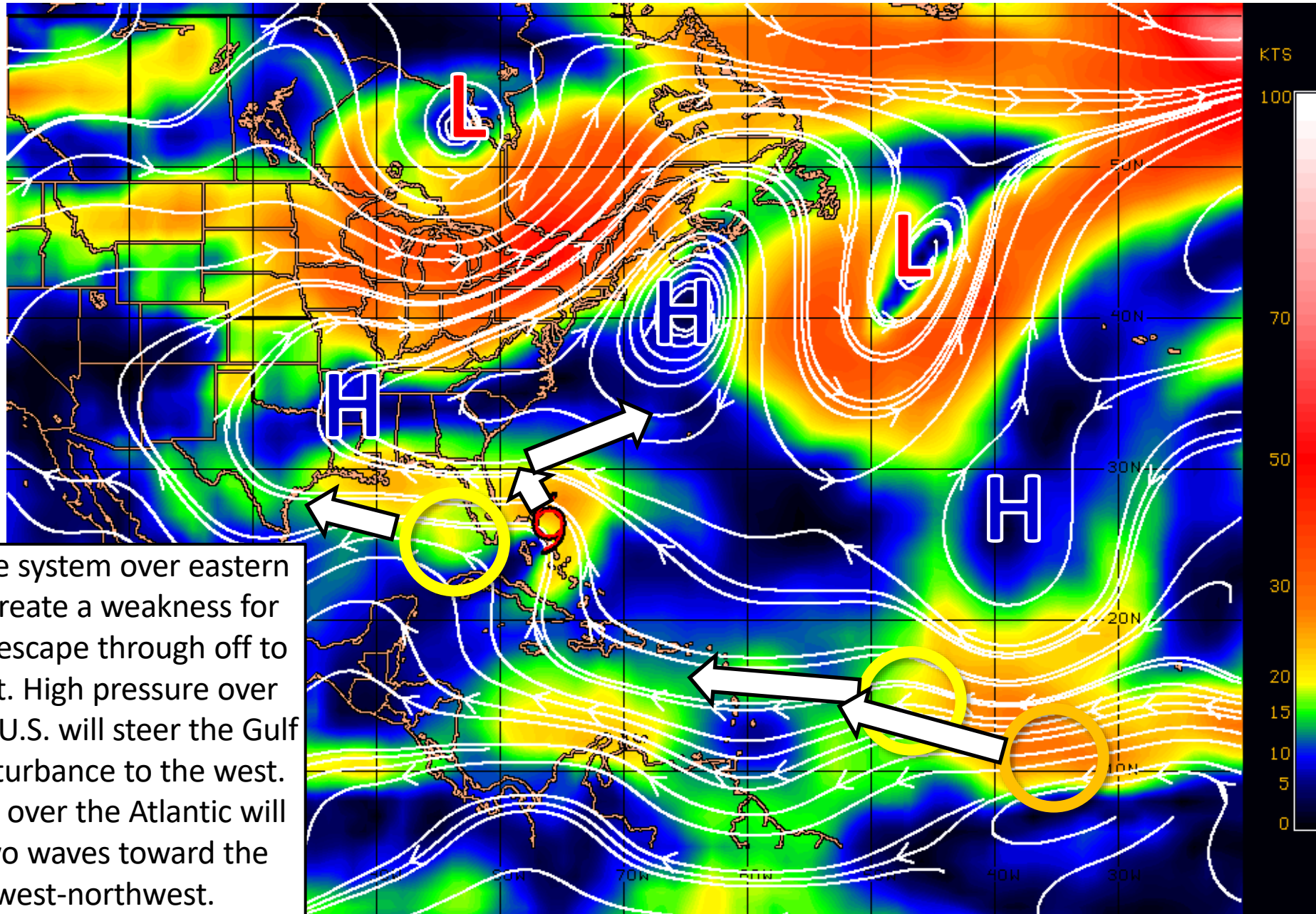
This update is intended for government and emergency response officials, and is provided for informational and situational awareness purposes only. Forecast conditions are subject to change based on a variety of environmental factors. For additional information, or for any life safety concerns with an 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

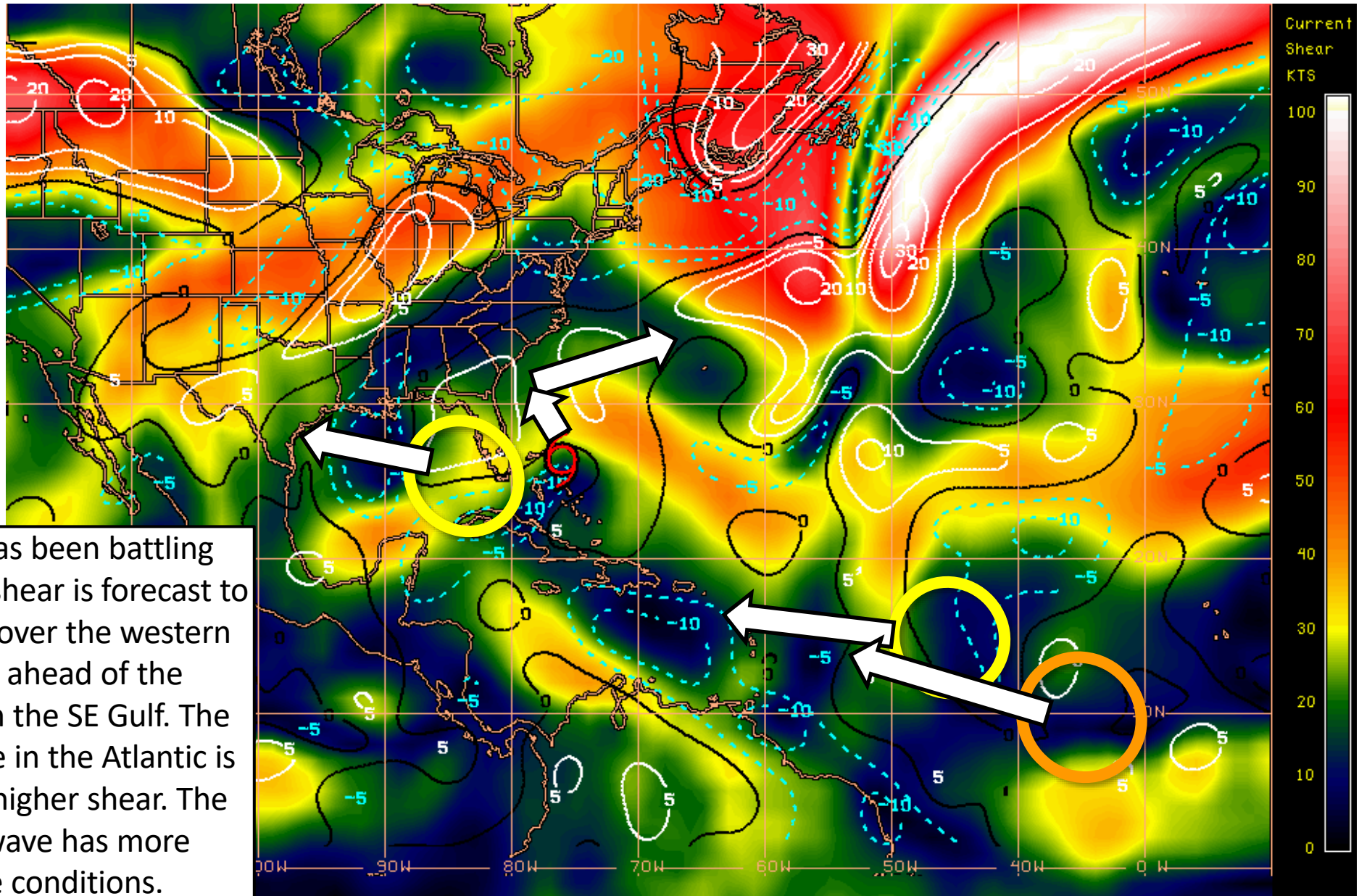


Steering Currents

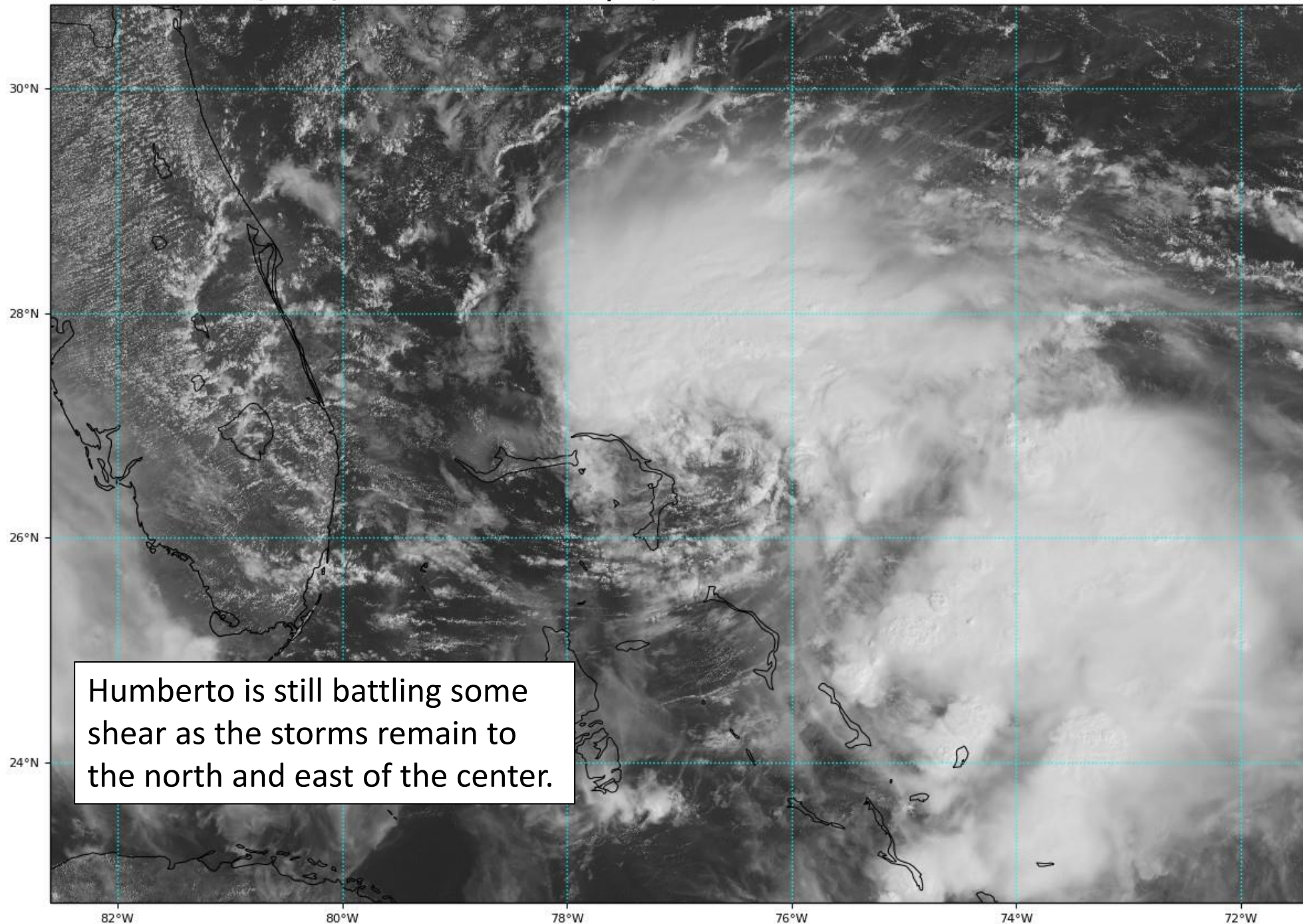


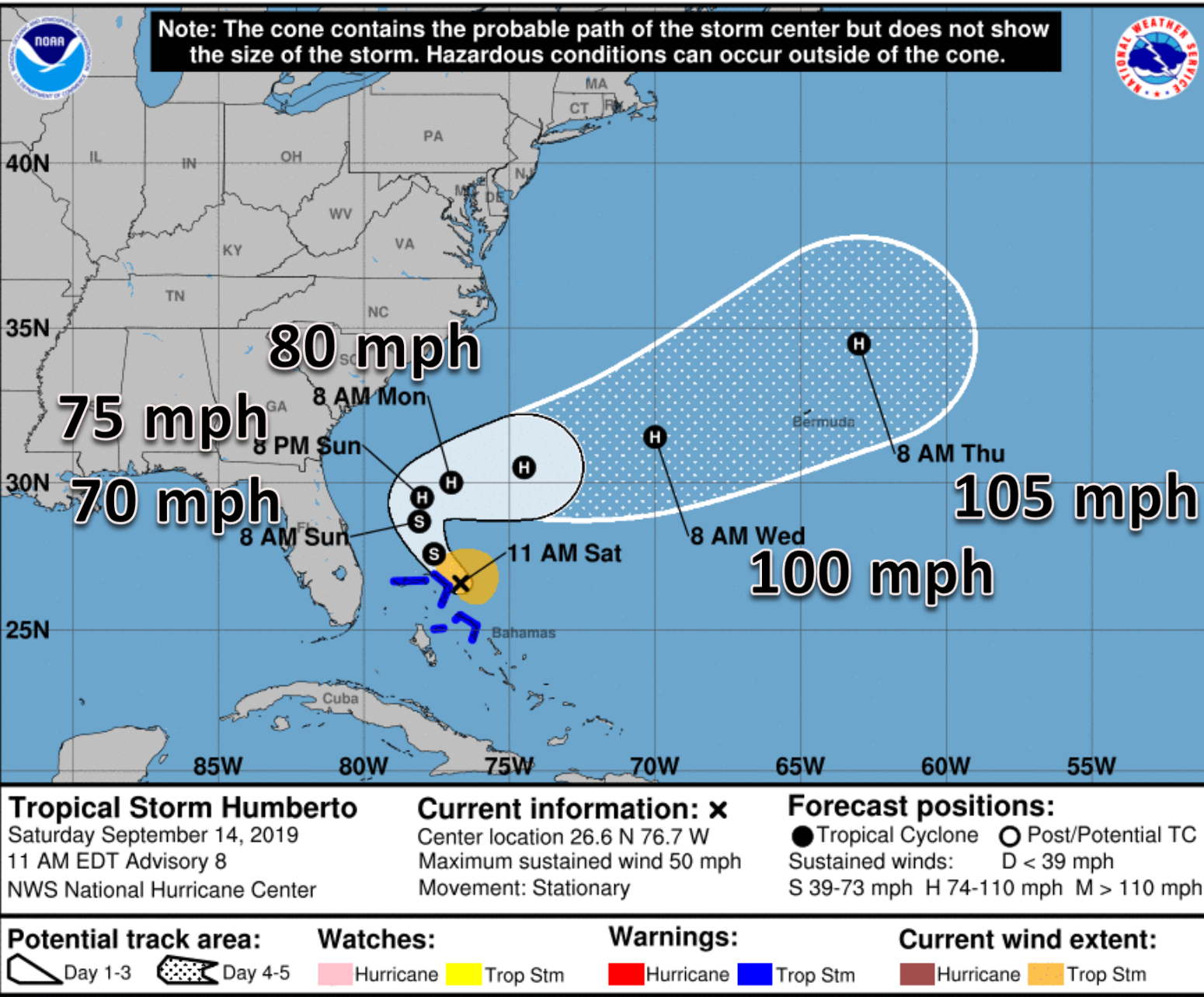
A low pressure system over eastern Canada will create a weakness for Humberto to escape through off to the northeast. High pressure over the Southeast U.S. will steer the Gulf of Mexico disturbance to the west. High pressure over the Atlantic will guide the two waves toward the west or west-northwest.

Wind Shear (shaded) and Wind Shear Tendencies (contoured)



Humberto has been battling shear, but the shear is forecast to lessen. Shear over the western Gulf is low ahead of the disturbance in the SE Gulf. The northern wave in the Atlantic is approaching higher shear. The southern wave has more favorable conditions.



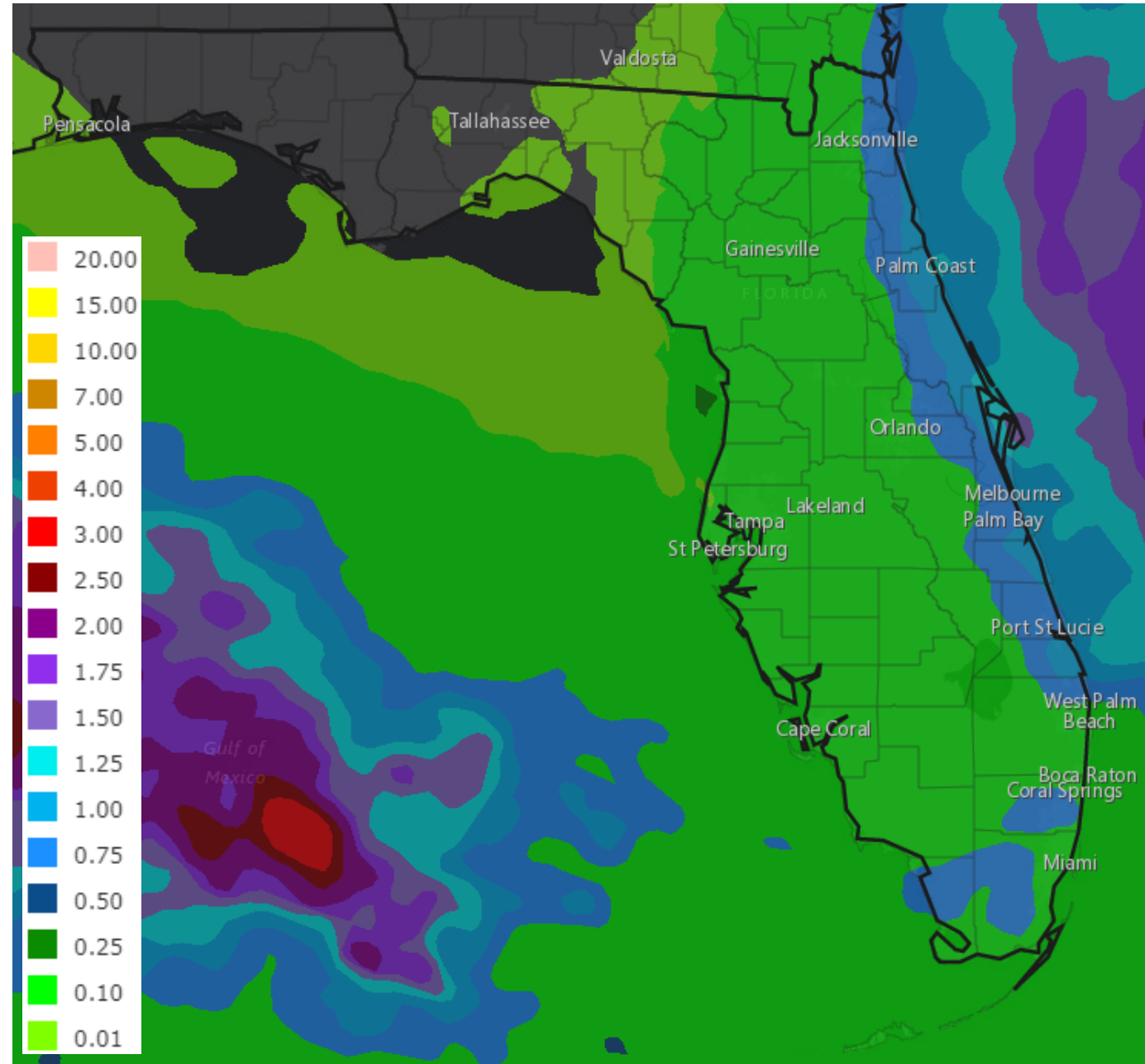


Tropical Storm Humberto: Humberto is currently located near Great Abaco Island in the Bahamas and is currently stationary. A movement to the northwest and north is expected later today followed by a sharp turn toward the northeast on Monday. Maximum sustained winds have increased to near 50 mph, and further strengthening into a hurricane is expected Sunday night. This storm will remain well away from the Florida East Coast.

Rainfall Forecast Next 3 Days

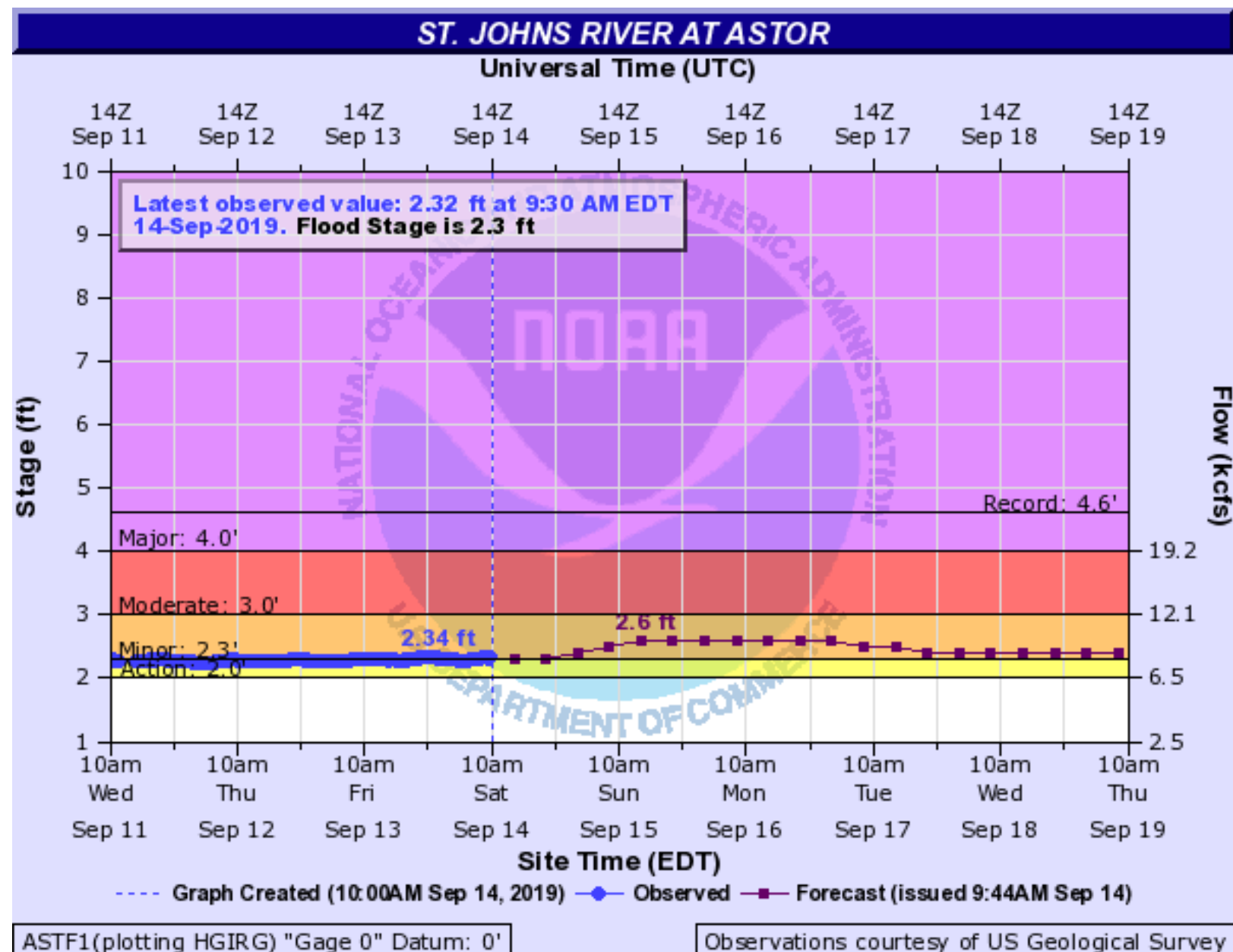
The heaviest rainfall will be confined to the East Coast where about 1" of rain may fall.

Rainfall totals and the flood threat have decreased significantly as the eastward shift continues.

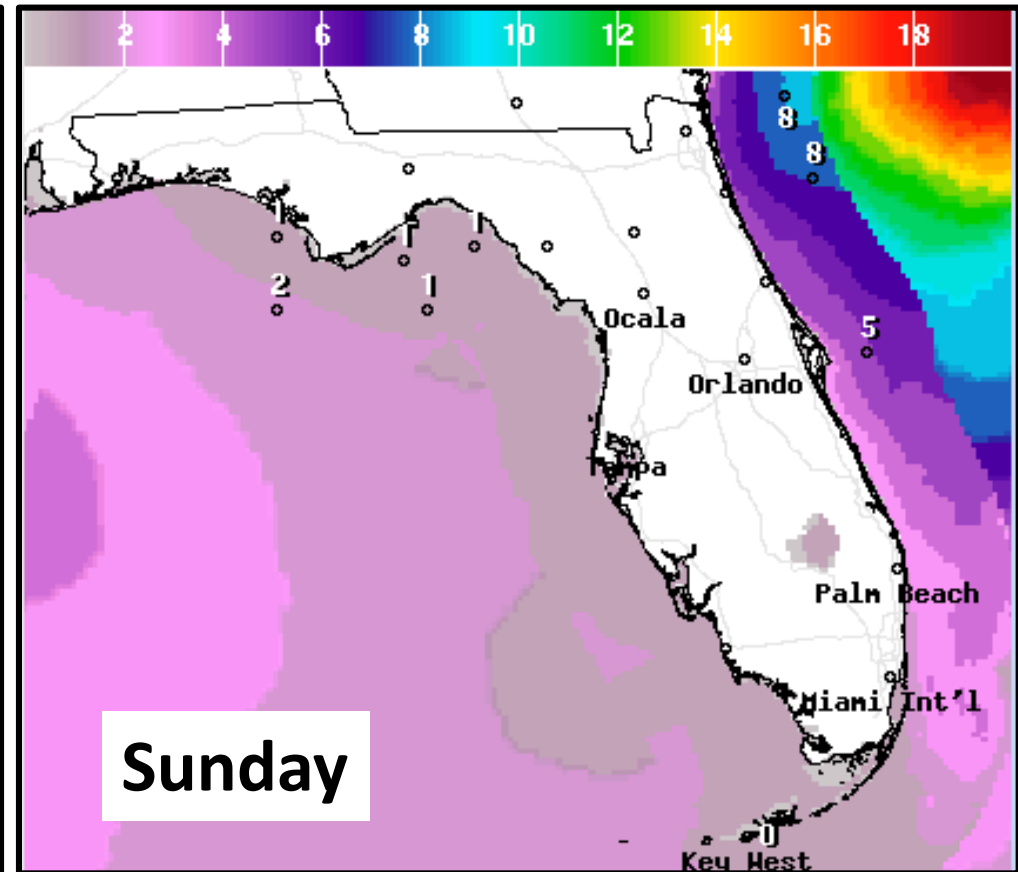
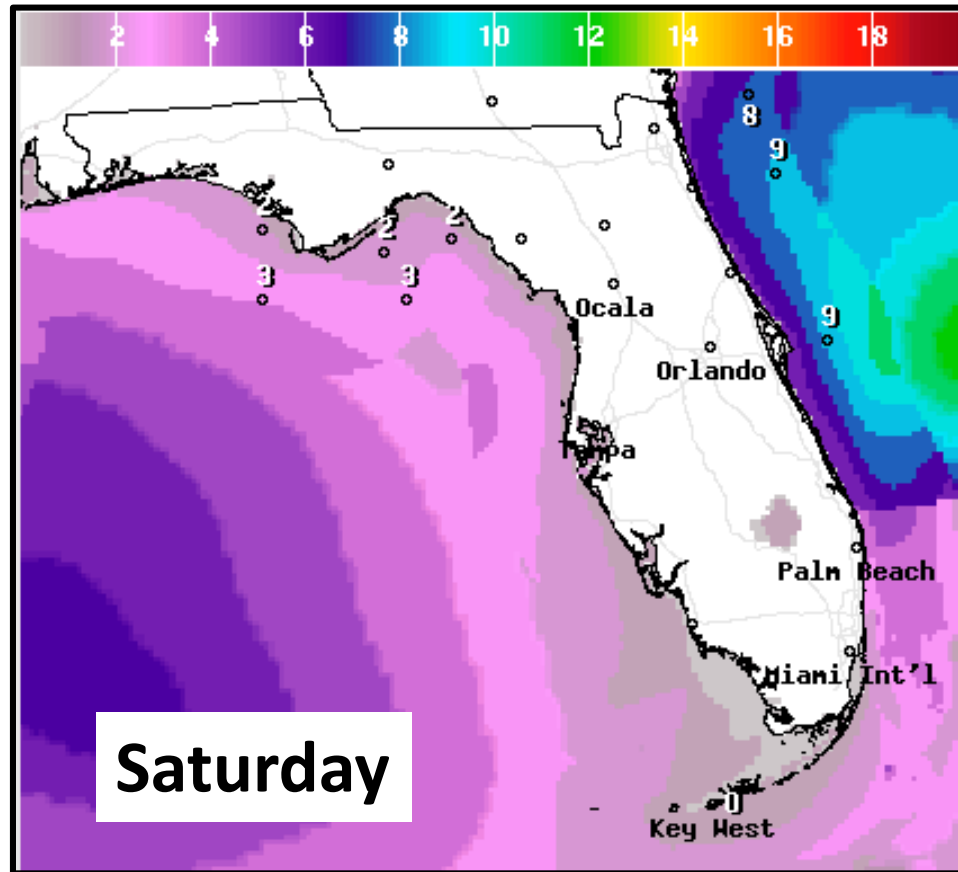


St. Johns River at Astor

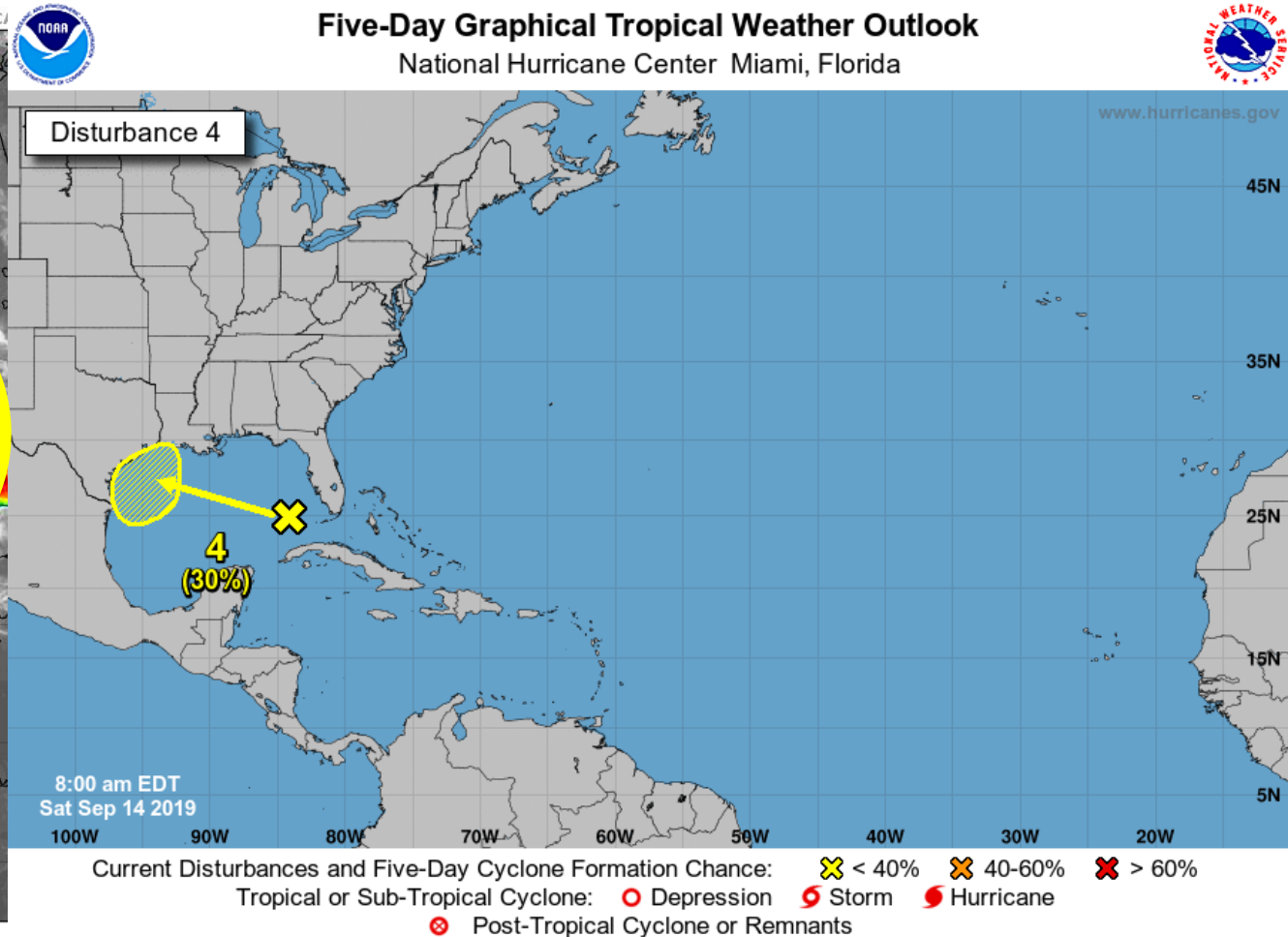
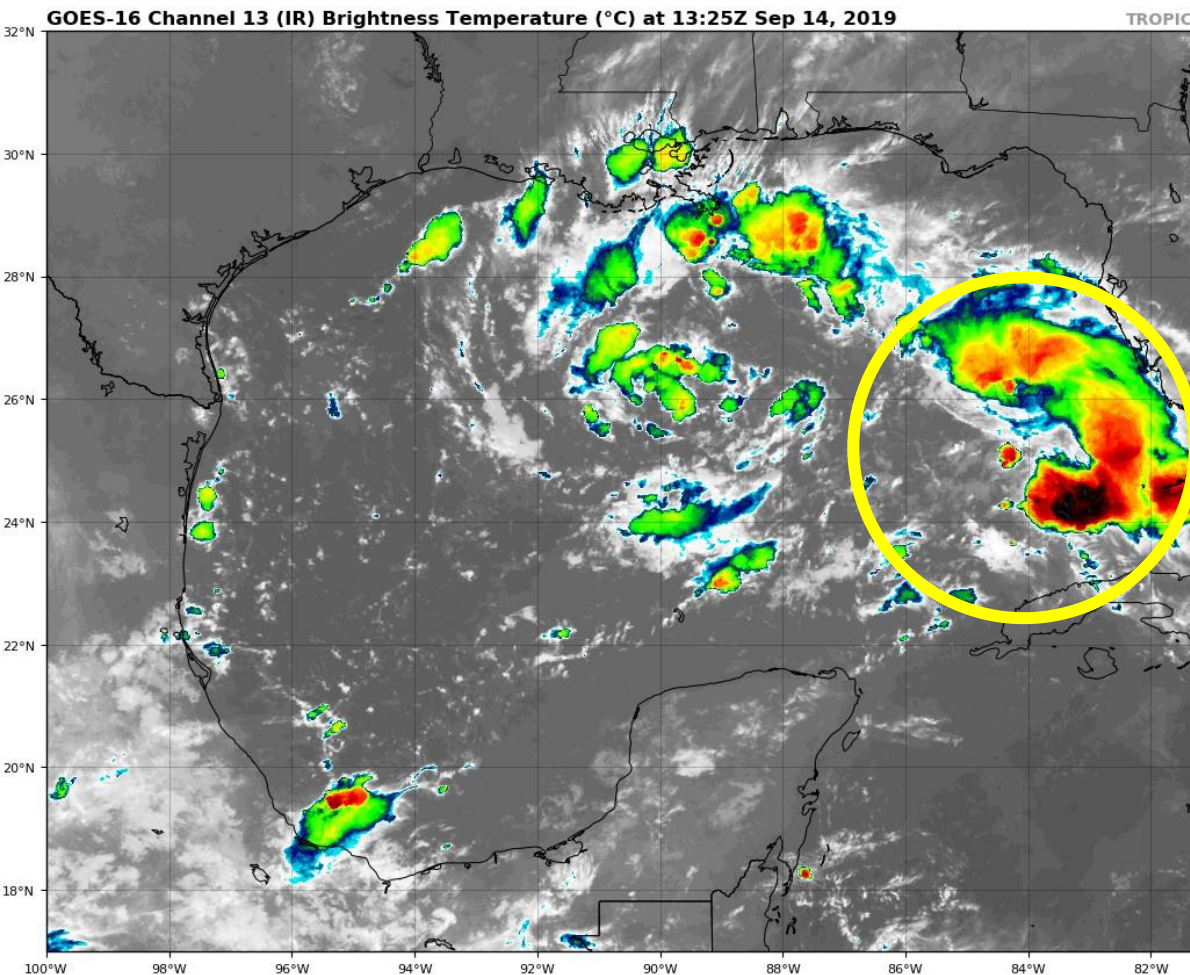
The St. Johns River at Astor remains in minor flood stage from Hurricane Dorian. Minor flooding is occurring, and minor flooding is forecast to continue into next week.



Forecast Wave Heights



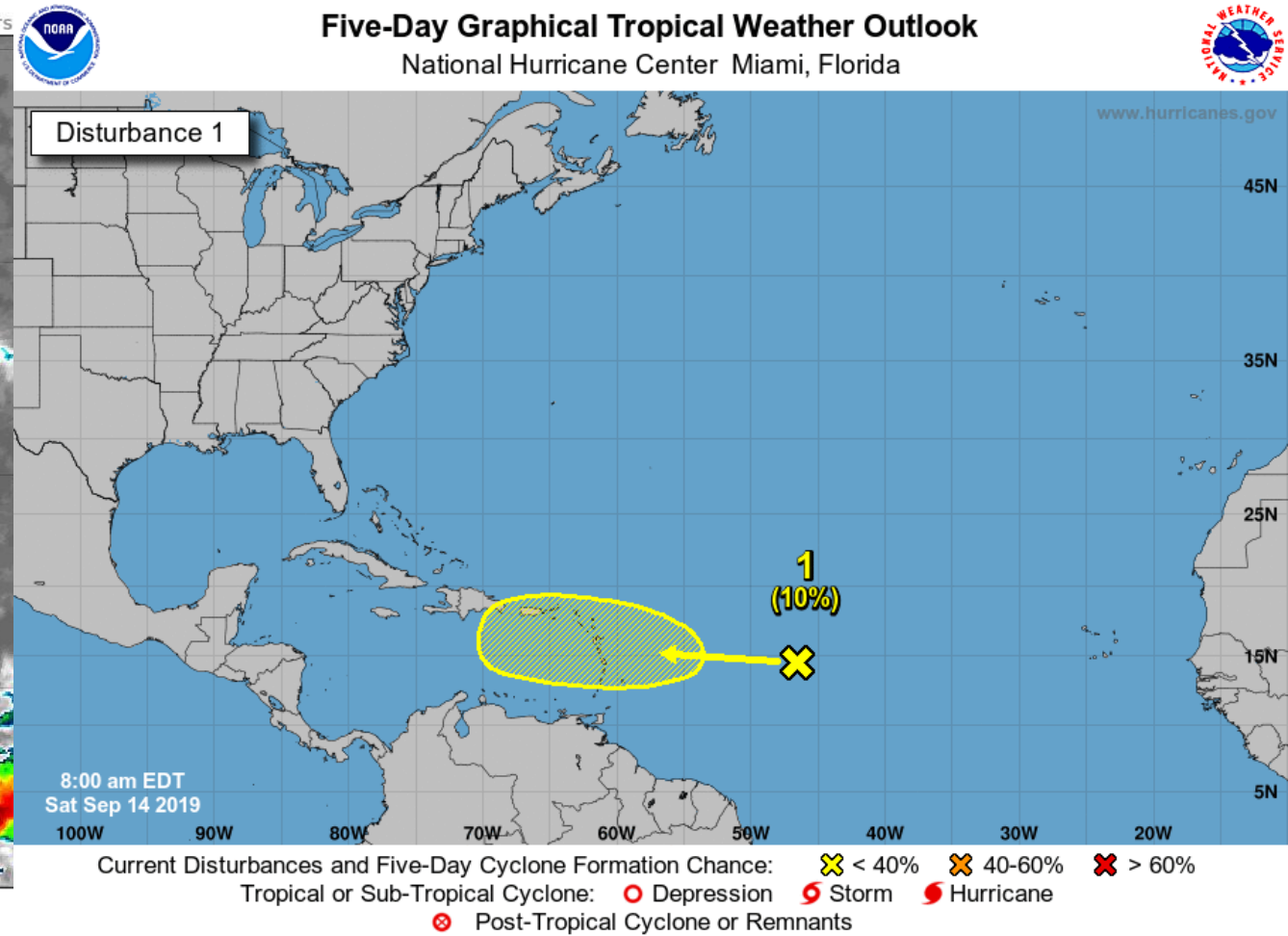
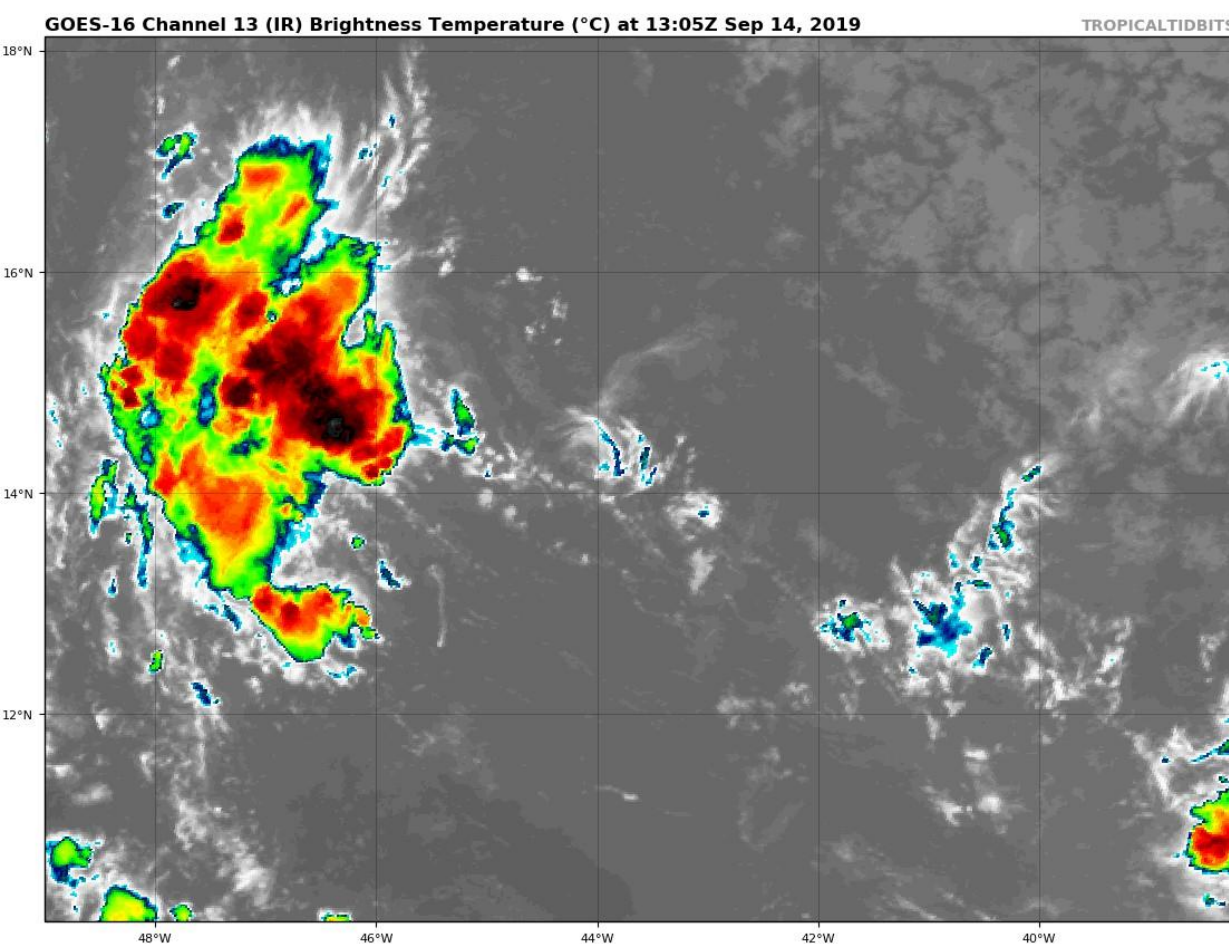
High surf and breezy winds of 15-25 mph will create a **high risk for dangerous rip currents** this weekend along East Coast beaches.



Gulf of Mexico Disturbance: A large area of showers and thunderstorms over the eastern Gulf of Mexico is primarily associated with an upper-level low pressure area. Only slow development of this system is likely during the next couple of days. However, conditions could become more conducive for development early next week as the system moves over the western Gulf of Mexico.

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

* Formation chance through 5 days...low...30 percent.

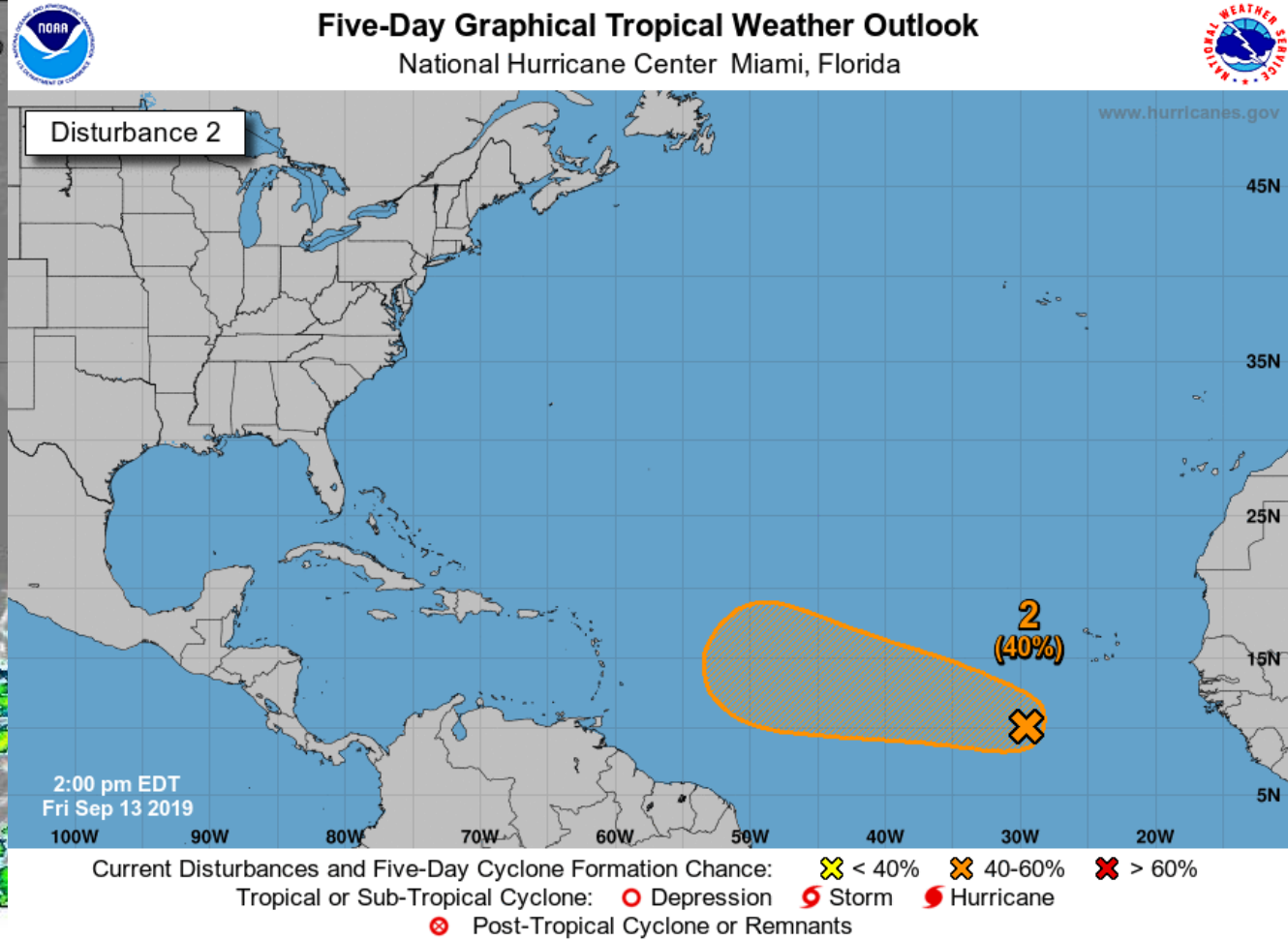
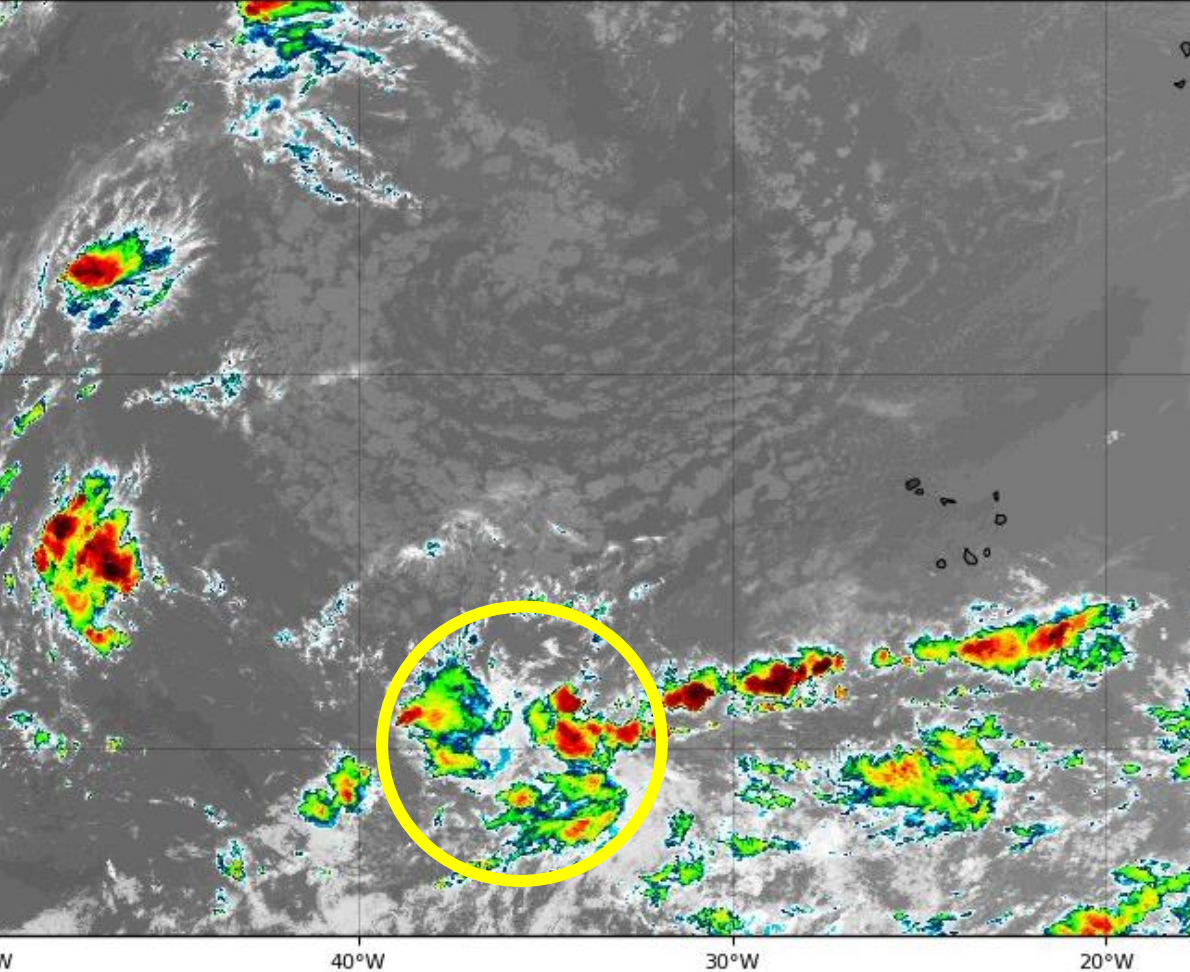


Invest 96L: A fast-moving tropical wave is located about 950 miles east of the Lesser Antilles. This system is producing limited shower activity, and significant development of this system is not anticipated during the next several days while it moves quickly westward.

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

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

This is a DECREASE from yesterday



Eastern Atlantic Wave: An elongated area of disturbed weather is located about 650 miles southwest of the Cabo Verde Islands. Gradual development of this system is possible during the next several days, and a tropical depression could form early next week while it moves westward across the tropical Atlantic.

- * Formation chance through 48 hours...low...20 percent.
- * Formation chance through 5 days...medium...60 percent.
- ***This is an INCREASE from yesterday***

Summary

Tropical Storm Humberto

- Humberto is located near Great Abaco Island and is currently stationary. A movement toward the northwest is expected today, followed by a turn toward the north on Sunday then a turn toward the northeast is expected on Monday.
- Maximum sustained winds are near 50 mph. Humberto could become a hurricane by Sunday night or Monday.
- Tropical Storm Watches were canceled last night for the Florida East Coast.

Gulf of Mexico Disturbance

- A large area of disturbed weather in the southeastern Gulf is part of an upper-level low. This system will move toward the western Gulf of Mexico where conditions may support further development.
- NHC gives it a near 10% (low) chance of development over the next 48 hours, and a 30% (low) chance from days 3-5.

Invest 96L

- A tropical wave about 950 miles east of the Lesser Antilles has become less organized, and significant development is no longer expected.
- NHC gives it a near 0% (low) chance of development over the next 48 hours, and a 10% (low) chance over the next 5 days.

Eastern Atlantic Wave

- A tropical wave about 650 miles southwest of the Cabo Verde Islands continues to produce an area of cloudiness and showers.
- Conditions are forecast to become more supportive for development as it moves westward over the tropical Atlantic, and this system could become a tropical depression early next week.
- NHC gives this system a 20% (low) chance of development over the next 48 hours, but a 60% (medium) chance from days 3-5.

Florida Outlook:

- The rainfall, wind, coastal flooding, and tornado threats have all decreased. Breezy winds of 15-25 mph and scattered showers will remain possible along the East Coast.
- High surf and dangerous rip currents are expected along East Coast beaches.
- Some showers in the Keys will remain possible from the Gulf of Mexico disturbance, but will decrease as the system moves west.
- It is too early to determine any impacts from either tropical wave in the Atlantic. It would be 7-10 days before any impacts happen if they occur at all.

The next tropics packet will be issued Saturday afternoon. For the latest information on the tropics, please visit the National Hurricane Center website at www.hurricanes.gov. For the latest flood updates, see the latest products from your local National Weather Service, the [Southeast River Forecast Center](#), and the [Weather Prediction Center](#).



TROPICAL UPDATE



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Florida Division of Emergency Management

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