



TROPICAL UPDATE



9 AM EDT

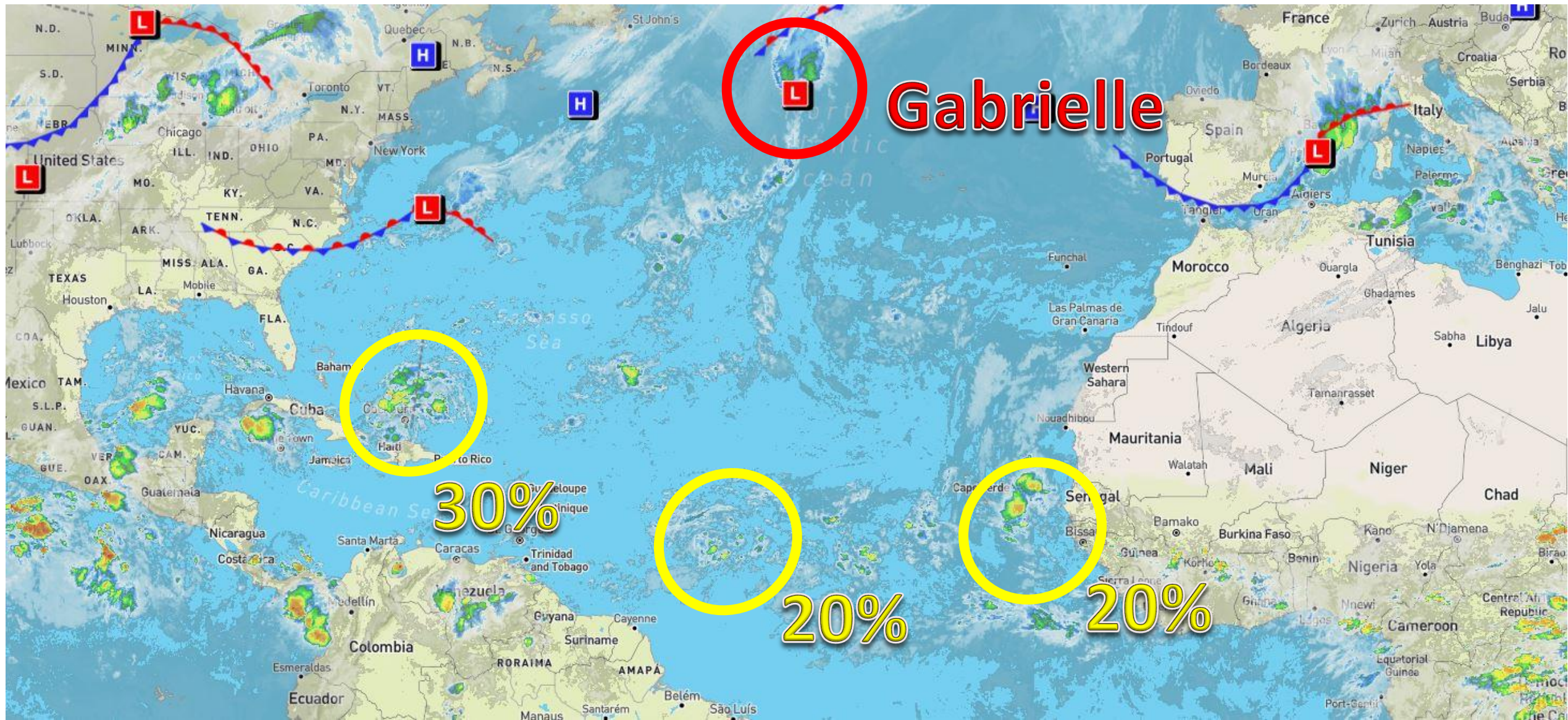
Tuesday, September 10, 2019

Tropical Storm Gabrielle, Invest 94L (20%),
Bahamas Low (30%), West African Wave (20%)

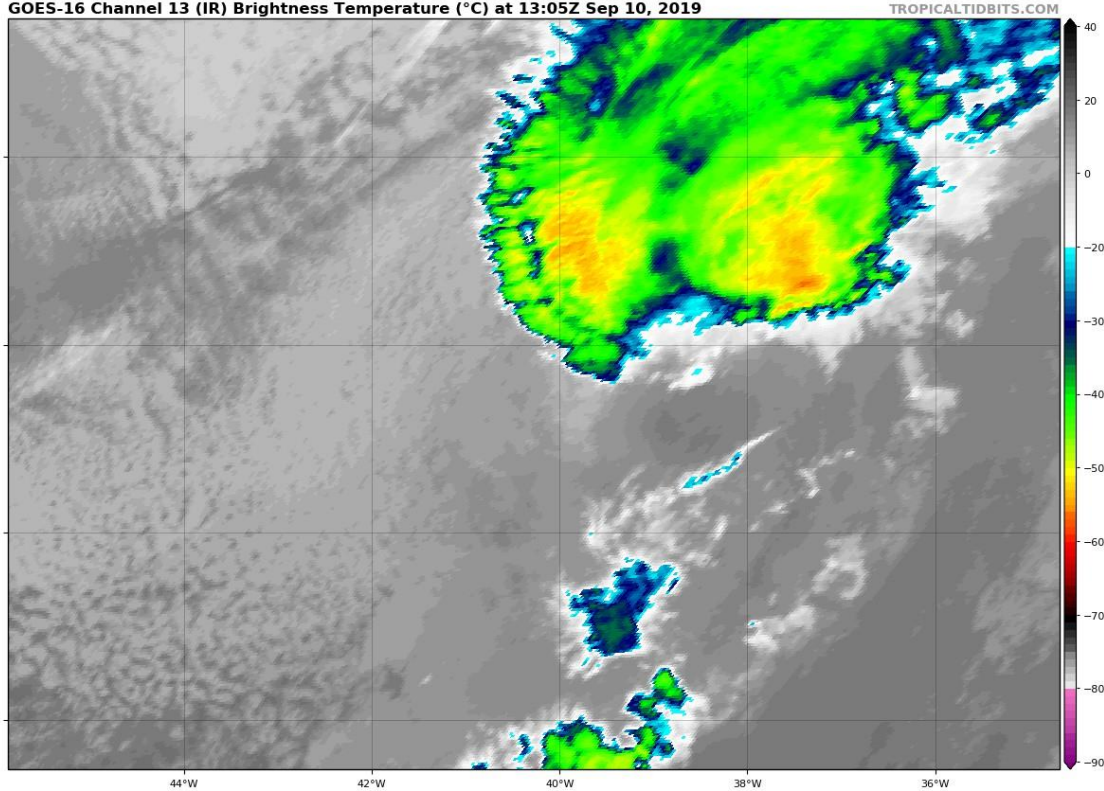
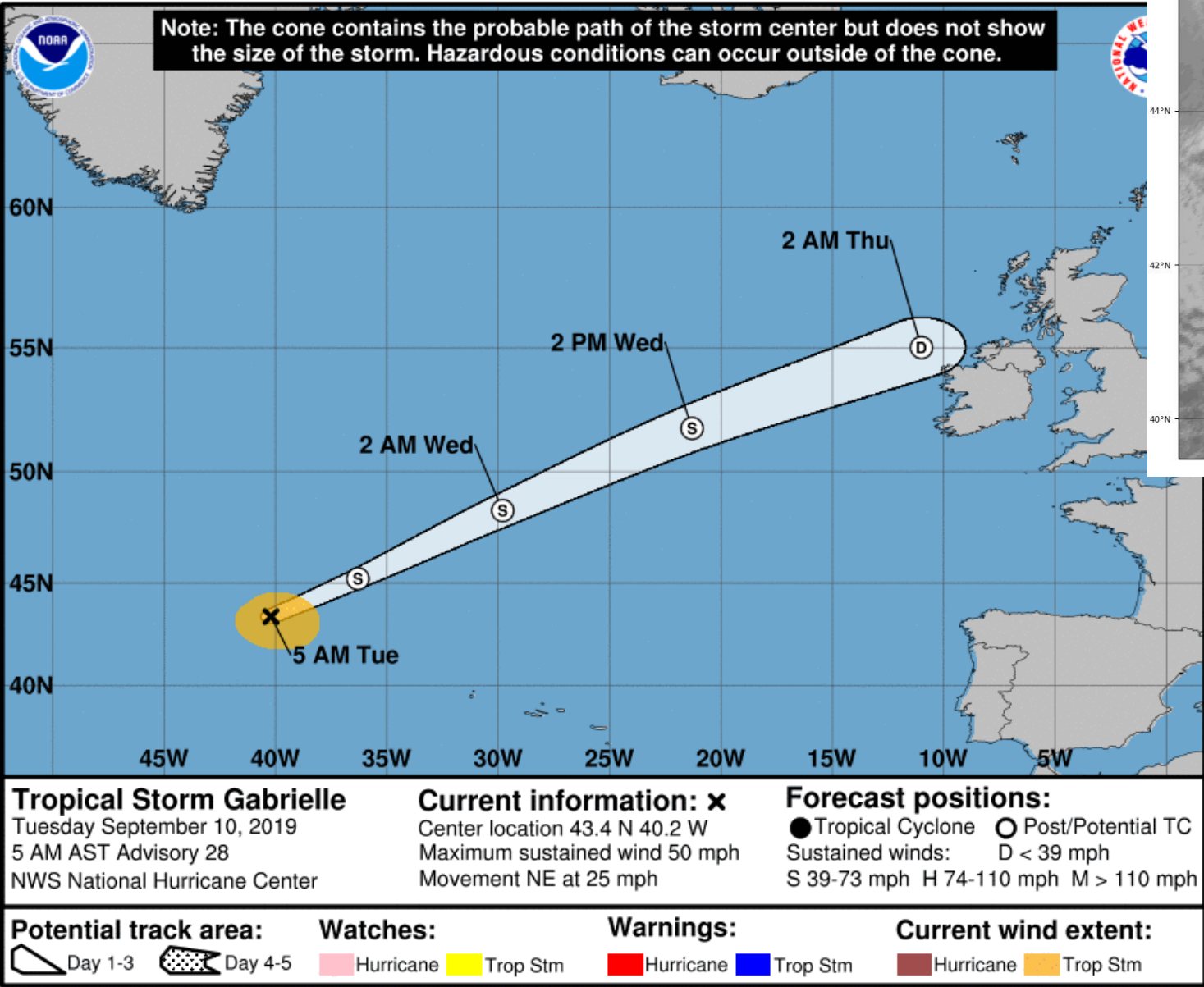
This update is intended for government and emergency response officials, and is provided for informational and situational awareness purposes only. Forecast conditions are subject to change based on a variety of environmental factors. For additional information, or for any life safety concerns with an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

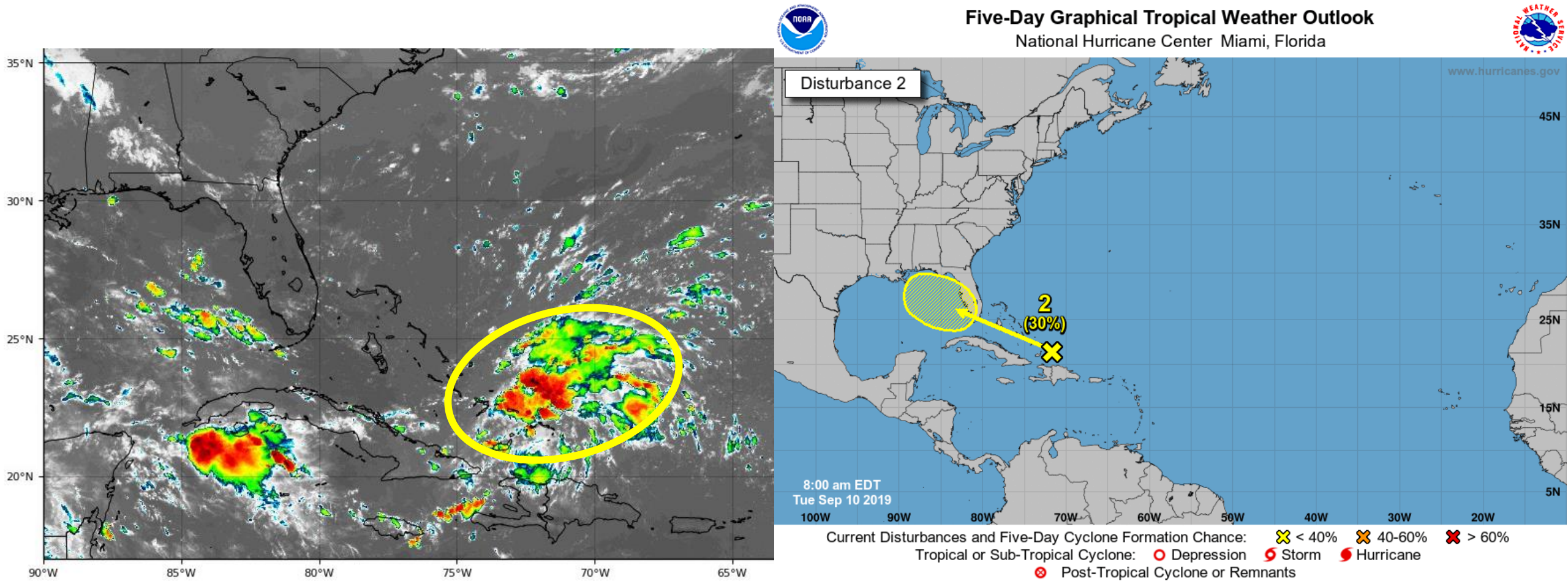
Chance of development: — None — Low — Medium — High



Tropical Storm Gabrielle Satellite Image and Forecast Track



Tropical Storm Gabrielle remains disorganized as it traverses the open waters of the North Atlantic. It will become non-tropical later today. This is the final update on this system.

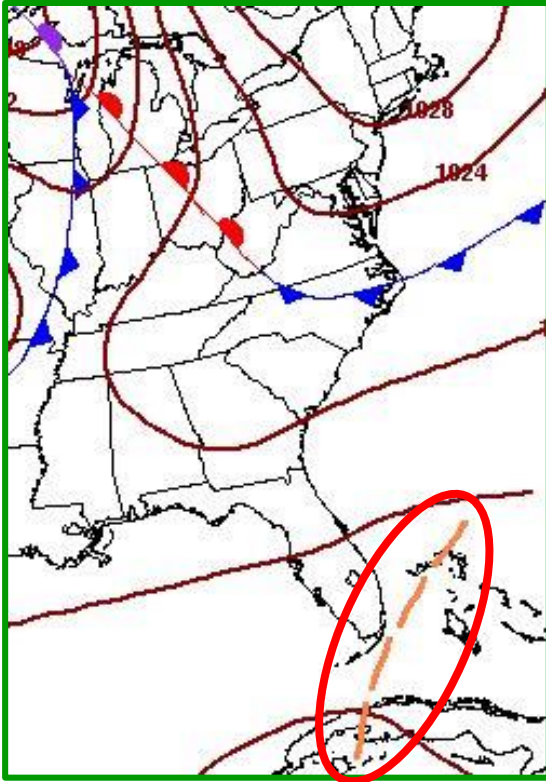


Bahamas Low: Shower activity associated with an area of low pressure over the southwestern Atlantic has increased a little since yesterday. Little, if any, development of this disturbance is expected during the next few days while it moves west-northwestward across the Bahamas and the Florida peninsula. *However, environmental conditions could become a little more conducive for development when the system moves into the Gulf of Mexico over the weekend.* Regardless of development, this disturbance will produce periods of locally heavy rainfall across the Bahamas through Thursday, and across Florida on Friday and continuing into the weekend.

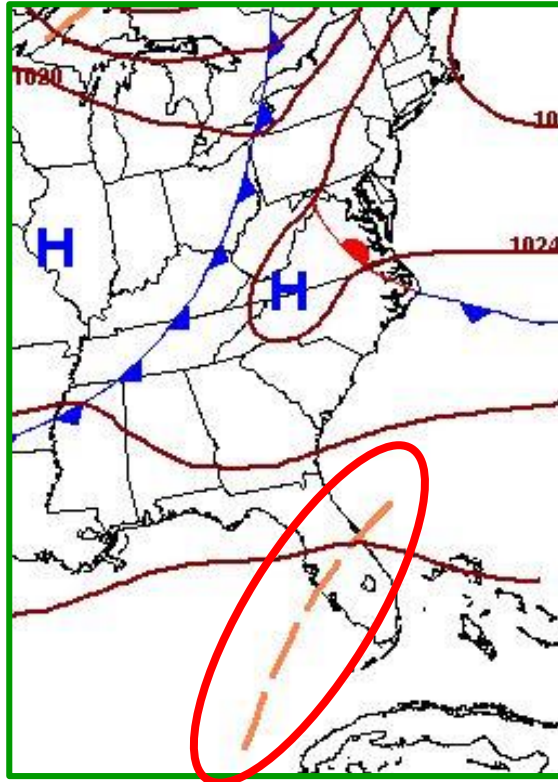
* Formation chance through 48 hours...low...near 0 percent.

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

Forecast Weather Maps with Fronts



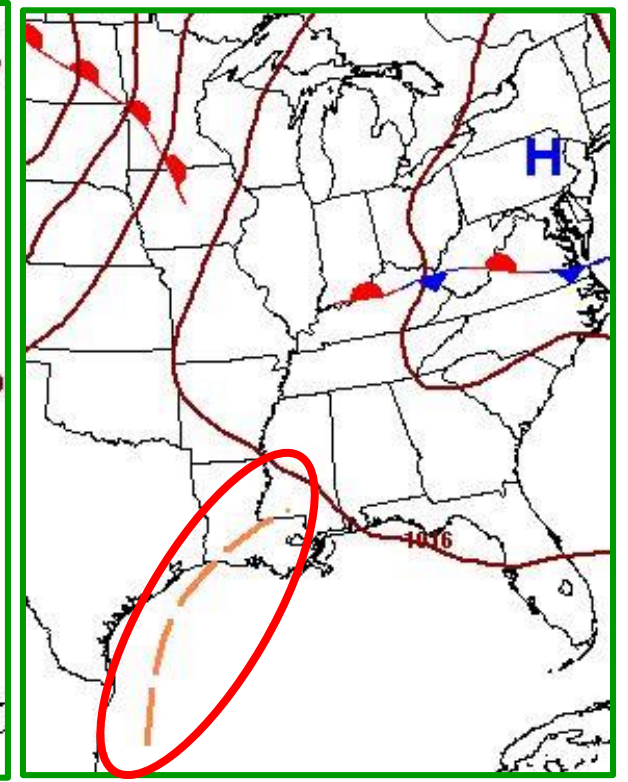
Friday



Saturday



Sunday



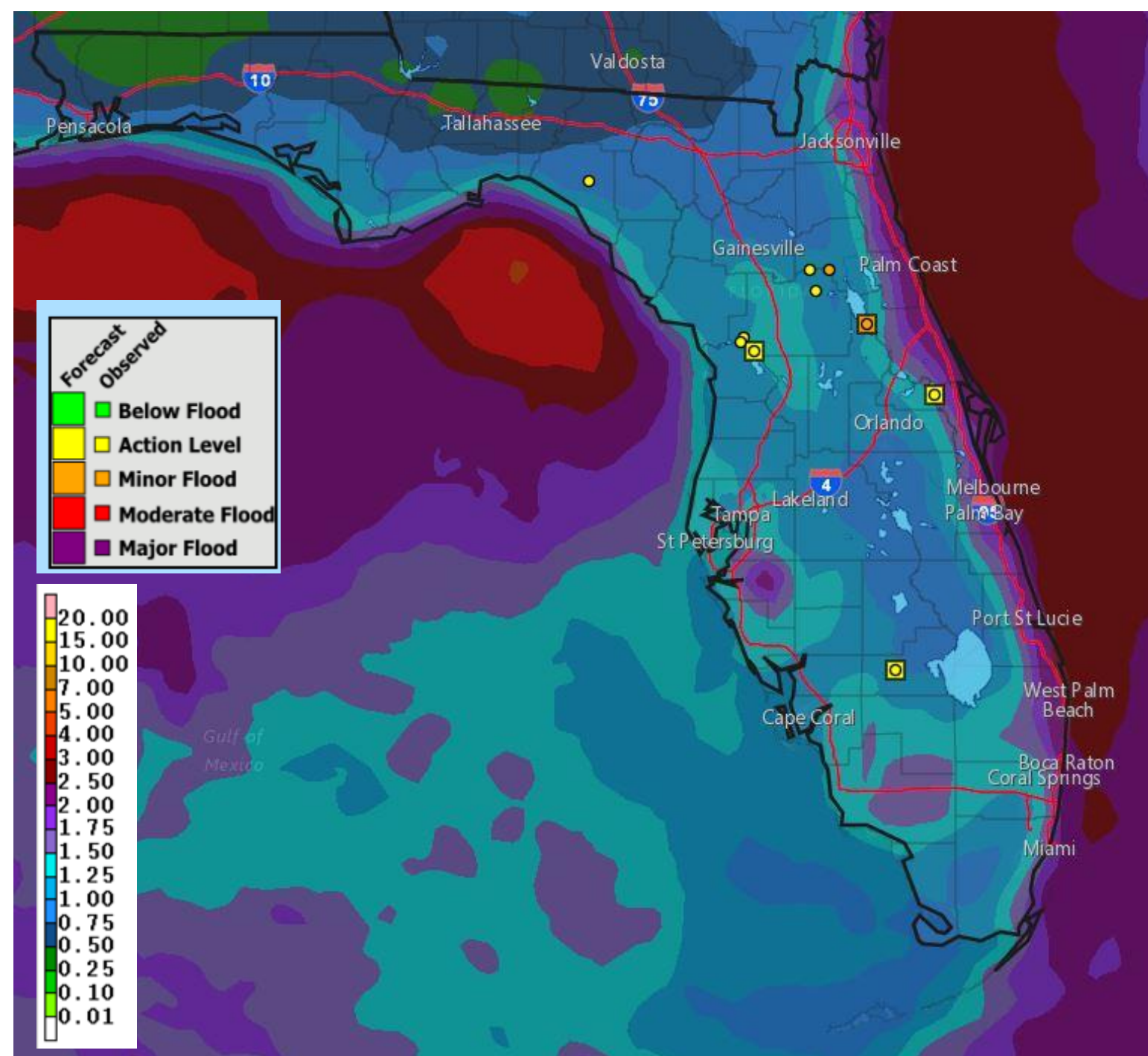
Monday

A tropical wave will move across the state this weekend, bringing at least an increase in afternoon showers and thunderstorms. Development into a tropical depression is possible once the system moves into the Gulf of Mexico on Sunday.

Rainfall Totals Next 7 Days

In general, rainfall totals of 1-3" are forecast for this weekend with locally higher amounts. Significant flood impacts are not anticipated, but brief, minor flooding in urban areas along the I-95 corridor is possible.

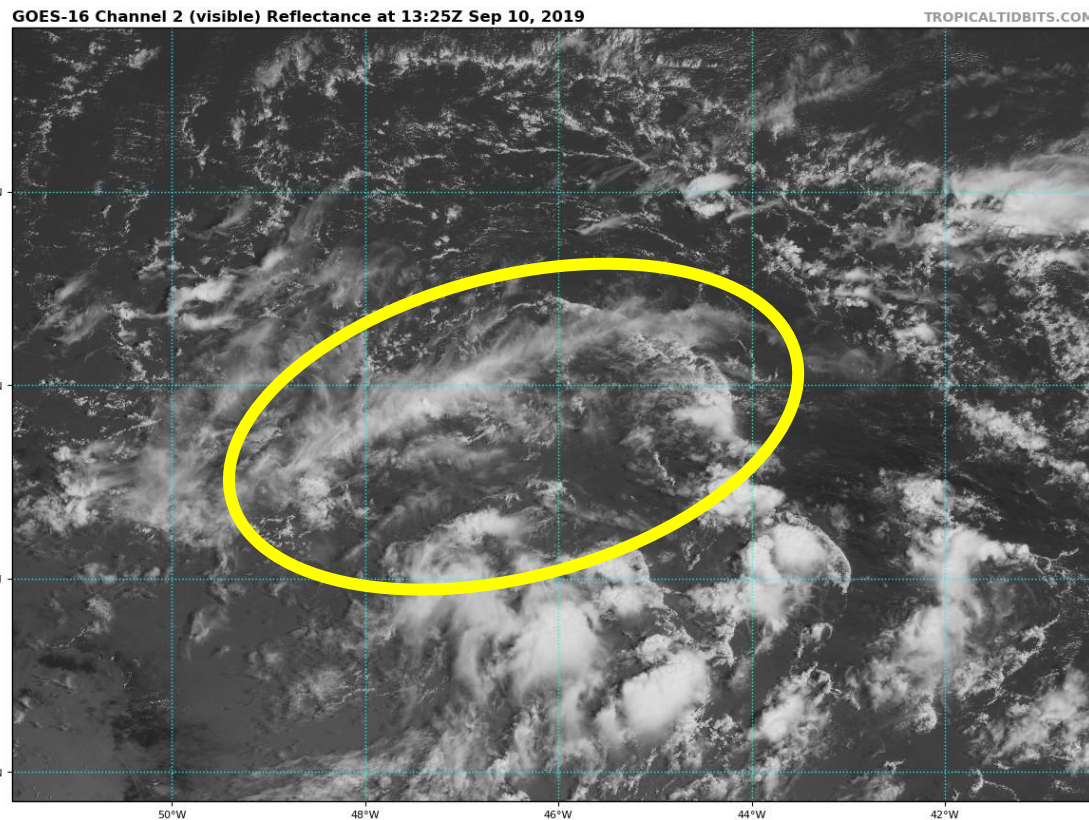
Rainfall totals along the northern Gulf Coast will depend on if the system becomes more organized later this weekend.





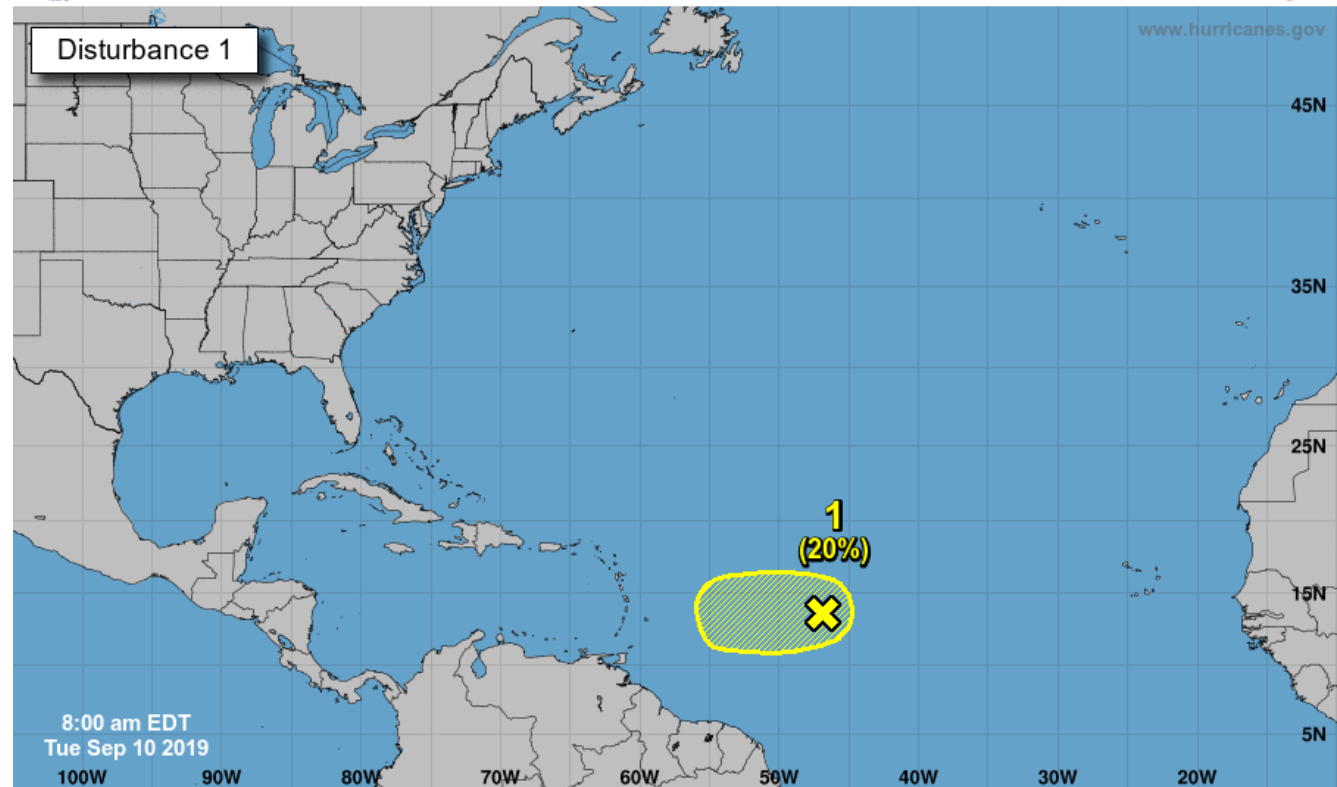
**Rip current risk
remains elevated at
Atlantic beaches.**

This weekend, the rip
current risk is expected
to increase at Gulf
Coast beaches as well.



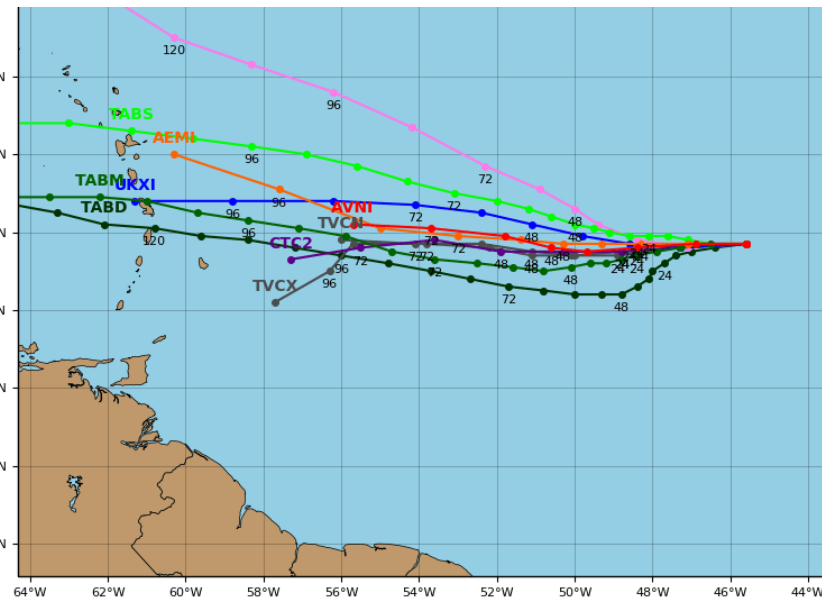
Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



Current Disturbances and Five-Day Cyclone Formation Chance:
 Tropical or Sub-Tropical Cyclone:
 ○ Depression ○ Storm ○ Hurricane
 ⊗ Post-Tropical Cyclone or Remnants

Formation Chance:
 ✕ < 40% ✕ 40-60% ✕ > 60%

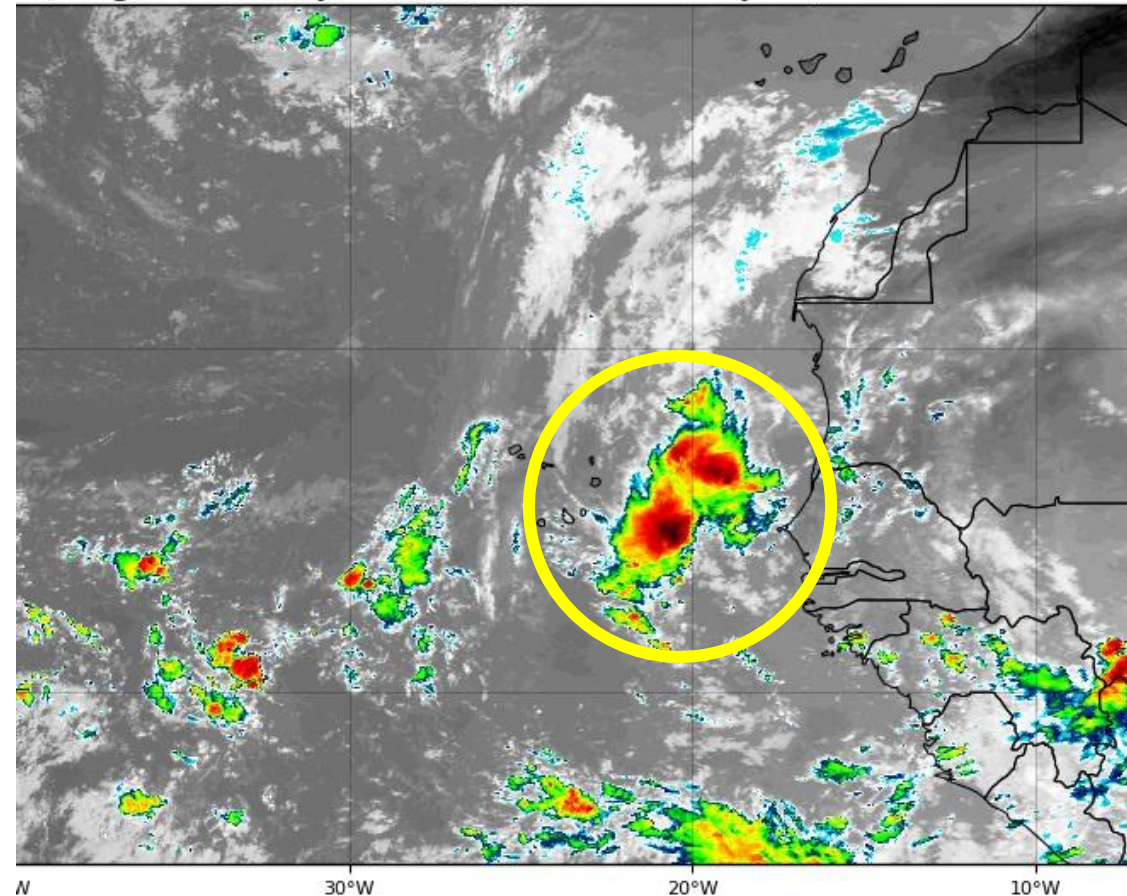


Invest 94L: A weak area of low pressure, associated with a tropical wave located a little more than 900 miles east of the Lesser Antilles is producing minimal showers and thunderstorms. Although some slight development of this system is possible today or tomorrow, by Thursday, upper-level winds are forecast to become unfavorable for tropical cyclone formation. This disturbance is expected to move slowly westward across the tropical Atlantic Ocean for the next several days.

* Formation chance through 48 hours...low...20 percent.

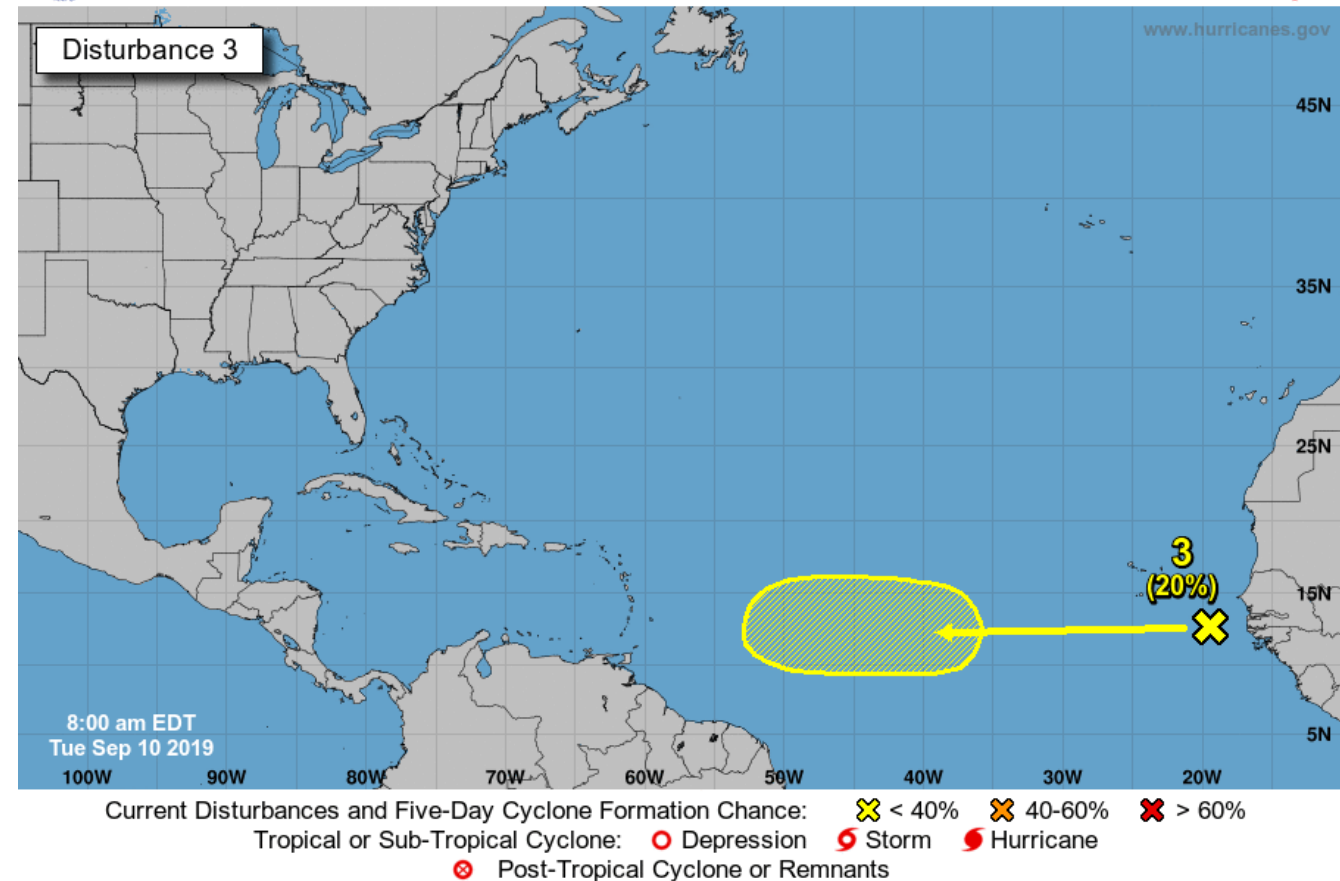
* Formation chance through 5 days...low...20 percent.

IR) Brightness Temperature (°C) at 13:25Z Sep 10, 2019



Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



West African Wave: A tropical wave located just off the west coast of Africa is expected to move quickly westward during the next several days. Some slow development is possible late this week and over the weekend when the system is several hundred miles east of the Lesser Antilles.

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

* Formation chance through 5 days...low...20 percent.

Summary

Tropical Storm Gabrielle

- Gabrielle was becoming non-tropical over the colder waters of the North Atlantic. This is the last update on this system.

Bahamas Low

- A broad area of low pressure north of Hispaniola is producing disorganized showers and thunderstorms, but has more thunderstorms than yesterday.
- Environmental conditions do not favor development over the next 48 hours. However, once the system moves west into the eastern Gulf of Mexico this weekend, conditions could become more favorable for a tropical depression to develop.
- The National Hurricane Center is indicating a near 0% (low) chance of development over the next 48 hours, but a 30% (low) chance from days 3-5. Given ongoing trends, the chance of development over 5-days may increase to medium in future updates.

Invest 94L

- The broad low pressure system is currently producing minimal thunderstorm activity. It has a small window today and tomorrow to organize before environmental conditions become unfavorable for development.
- The National Hurricane Center is indicating only a 20% (low) chance of development over the next 48 hours.
- These chances decreased again overnight due to a continued lack of organization and minimal showers and thunderstorms.

West Africa Wave

- A tropical wave near the west coast of African will move quickly across the tropical Atlantic and may gradually organize this weekend or early next week.
- The National Hurricane Center is indicating a near 0% (low) chance of development over the next 48 hours, but a 20% (low) chance from days 3-5.

Florida Outlook:

- Gabrielle poses no threat to Florida.
- It is too early to tell if Invest 94L or the African Wave poses a threat to Florida. No impacts are expected for at least 7 days.
- The Bahamas Low will bring increased rain chances to the state late this week/weekend, but any other details are uncertain. Any development looks to wait until the system crosses over the Peninsula and into the Gulf of Mexico over the weekend.
- The next name on the 2019 Atlantic storm name list is Humberto.

The next tropics packet will be issued Wednesday morning. 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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State Meteorological Support Unit

Florida Division of Emergency Management

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