



TROPICAL UPDATE



9 AM EDT

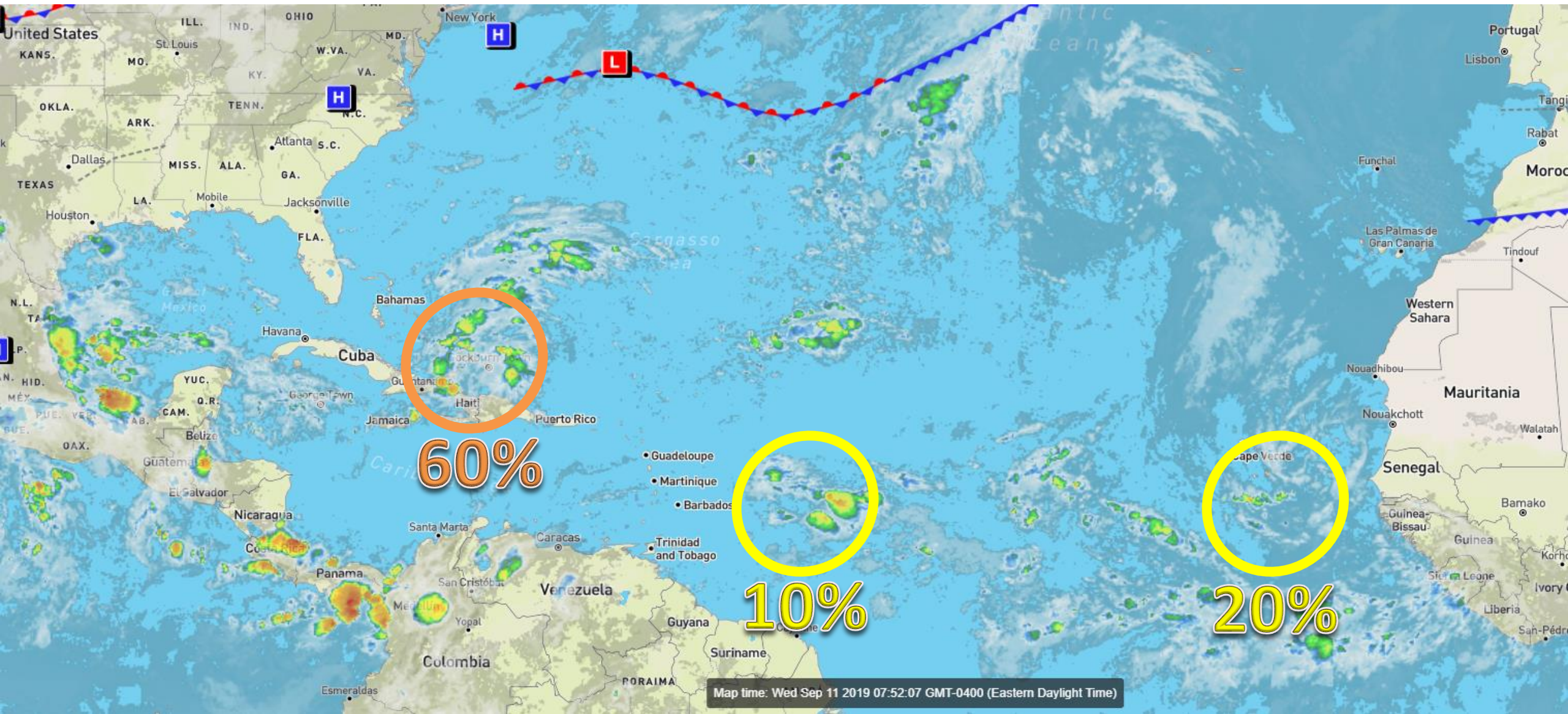
Wednesday, September 11, 2019

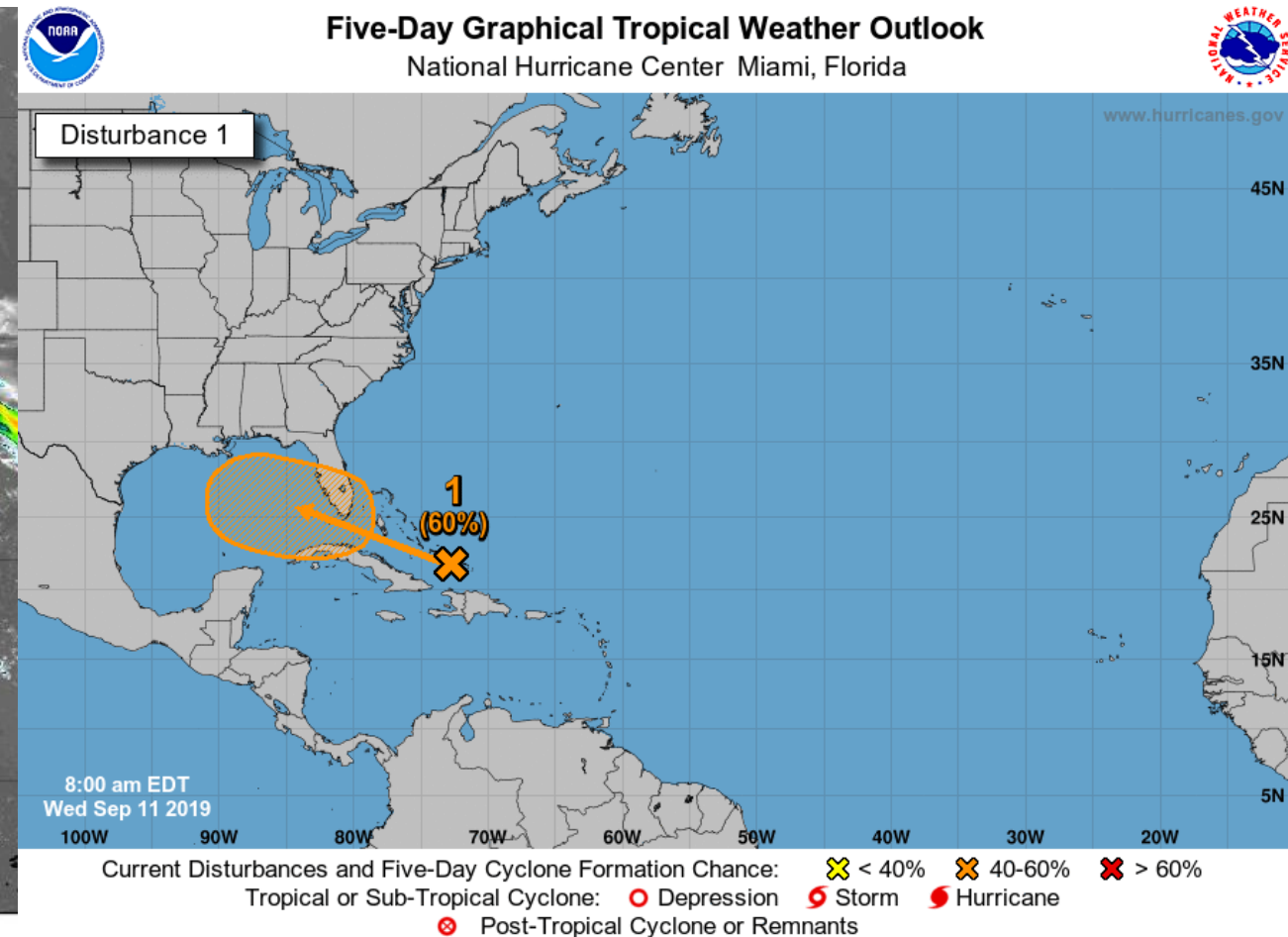
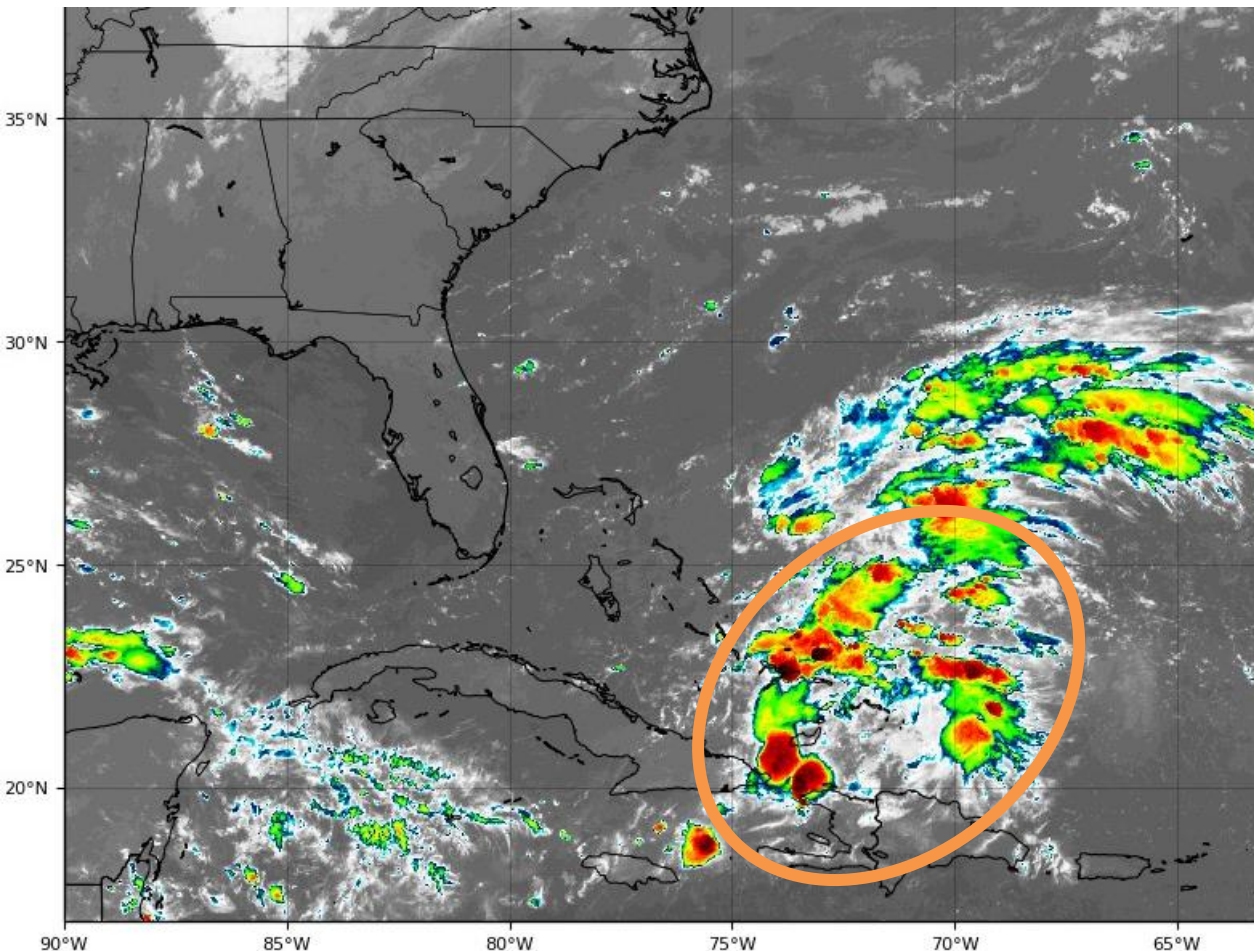
Invest 94L (10%), Invest 95L (60%), &
Cabo Verde Wave (20%)

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



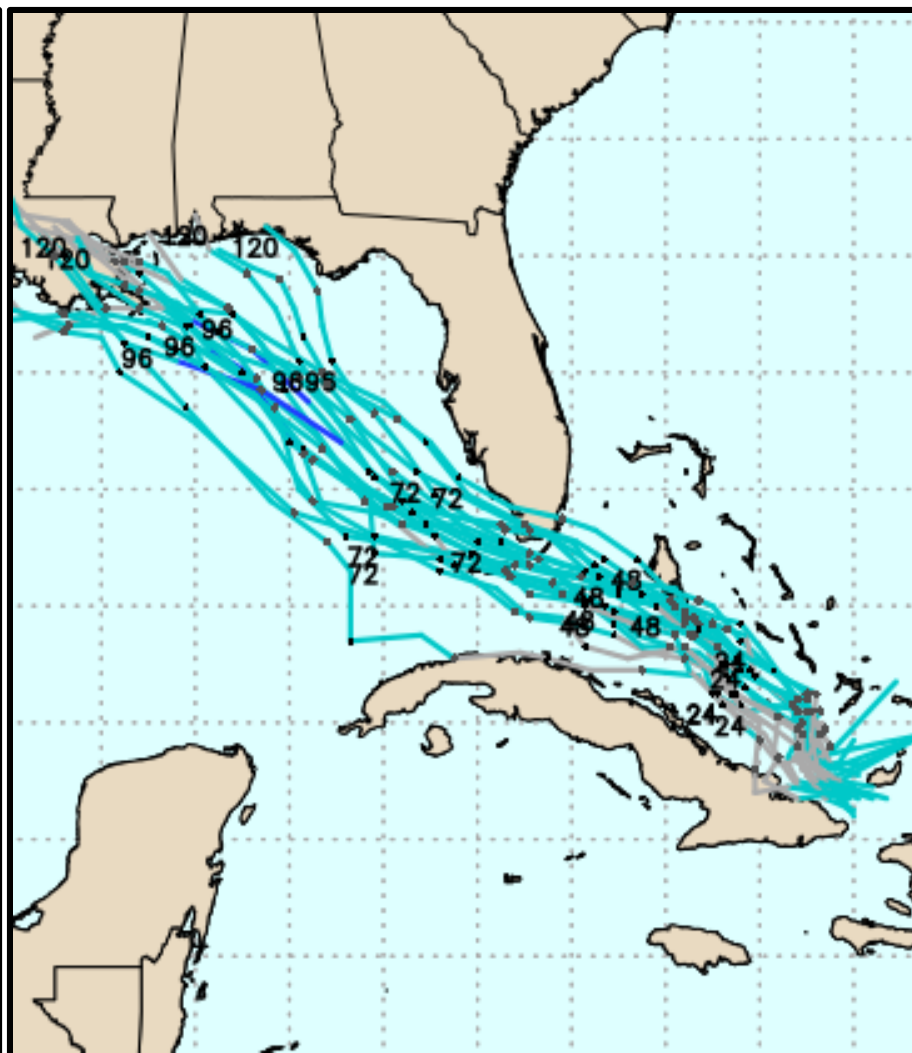
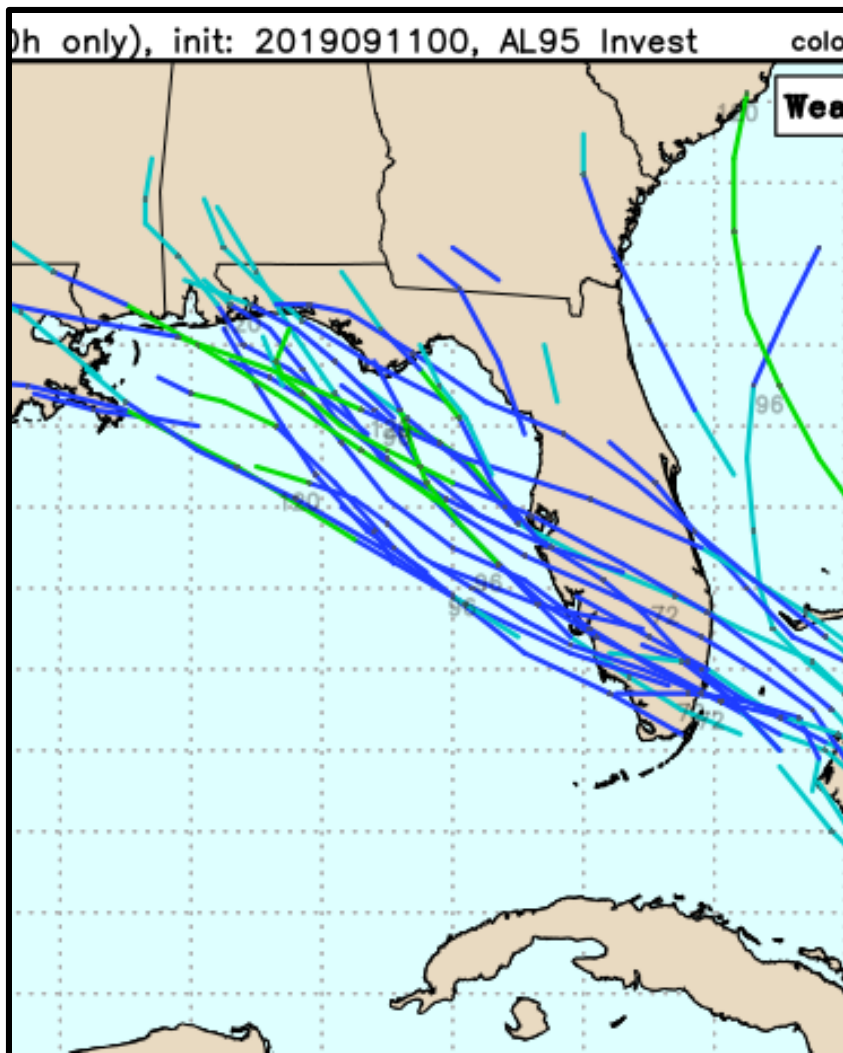


Invest 95L: Widespread cloudiness and showers extending from the southeastern Bahamas northward over the southwestern Atlantic for a few hundred miles are associated with a surface trough of low pressure. Limited development of this system is anticipated today or tomorrow, however conditions are forecast to become a little more favorable over the weekend, and a tropical depression could form as the disturbance moves slowly toward the west-northwest across the Florida Straits or South Florida and over the eastern Gulf of Mexico. Regardless of development, this disturbance could produce periods of locally heavy rainfall and gusty winds across the Bahamas through Thursday, and across Florida during the weekend.

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

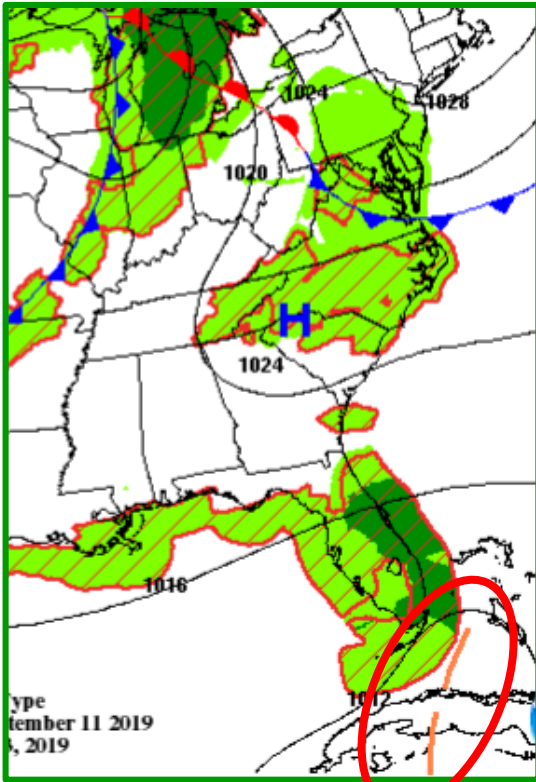
* Formation chance through 5 days...medium...60 percent.

Invest 95L Forecast Model Track Guidance

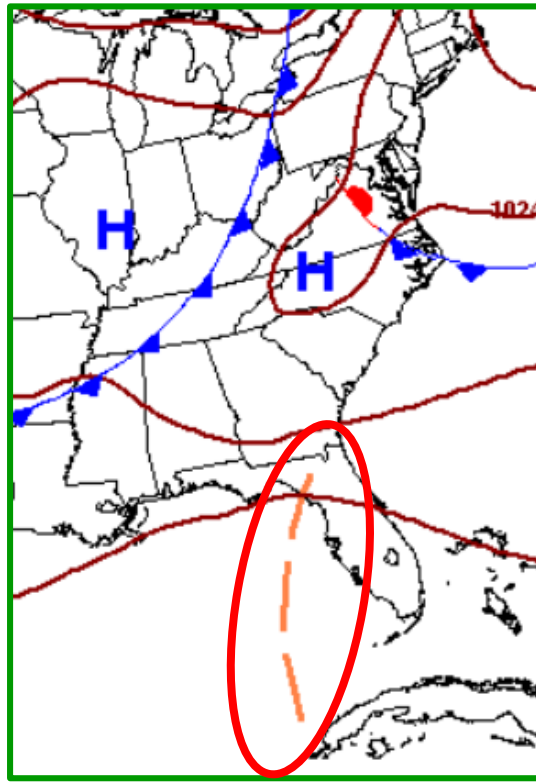


Models generally agree on the system moving into South Florida or the far southeastern Gulf of Mexico on Saturday then toward the northern Gulf of Mexico Sunday or Monday.

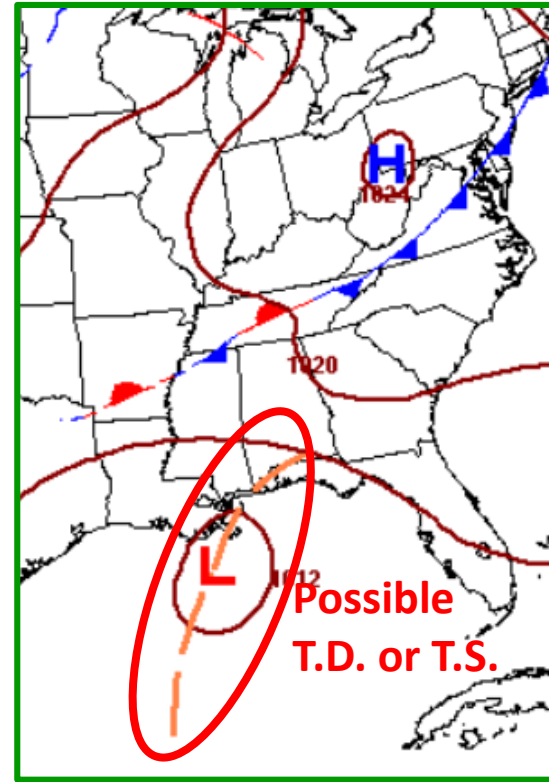
Forecast Weather Maps with Fronts



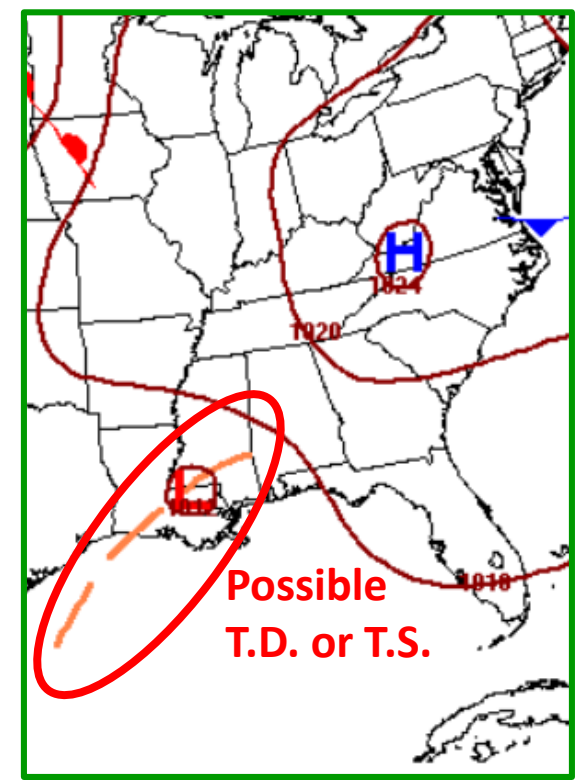
Friday



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.



Thursday



Friday



Saturday



Sunday

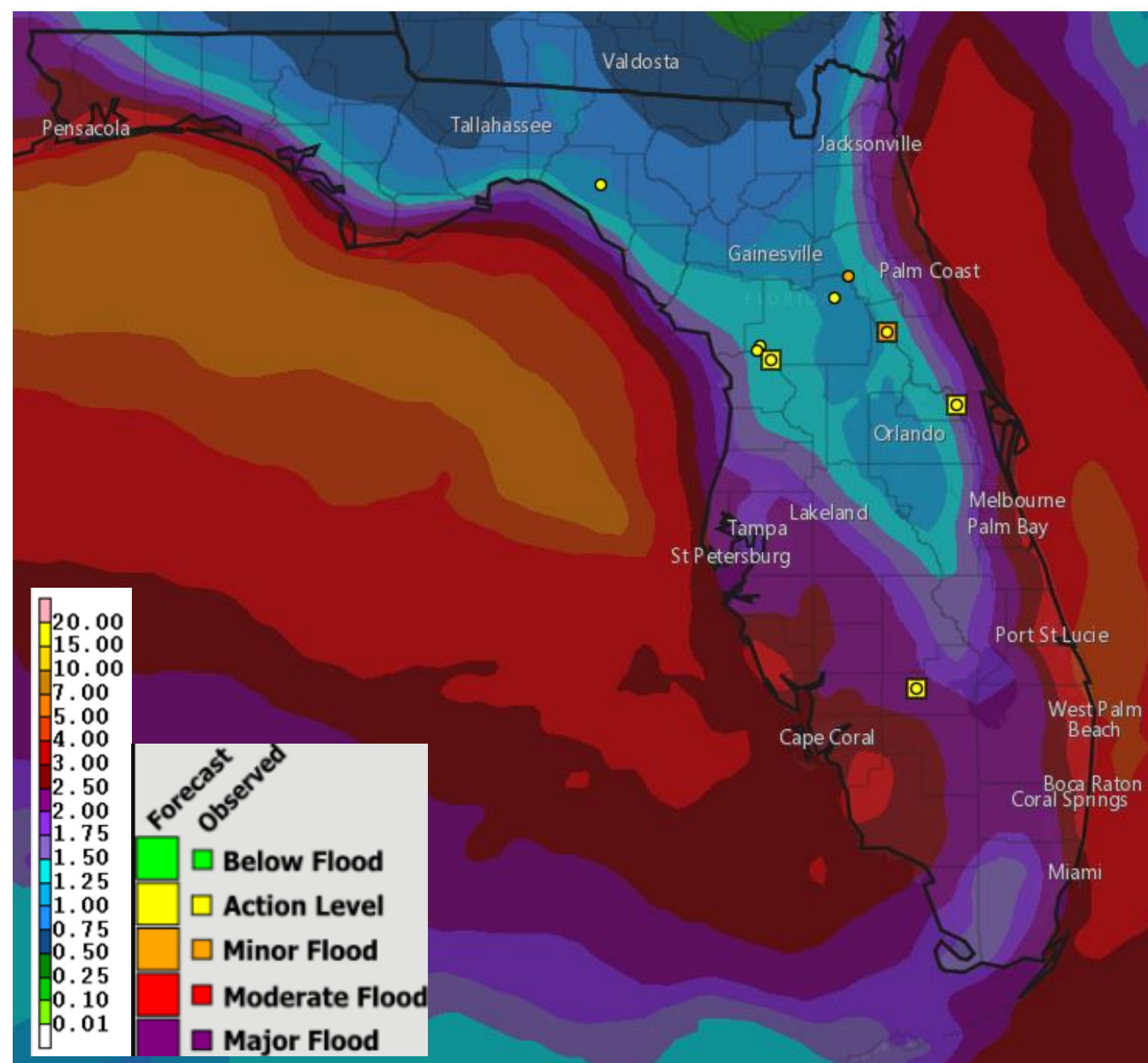
Forecast Rain Chances Through the Weekend

Rain chances will increase through late this week over the Peninsula, then across the entire state this weekend. Numerous showers with embedded thunderstorms will be expected each day. Locally heavy rainfall will be possible in the stronger storms.

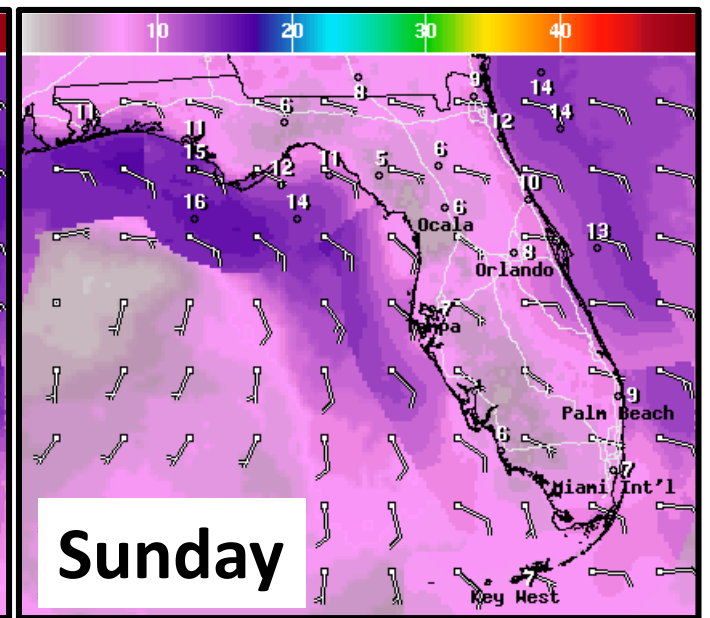
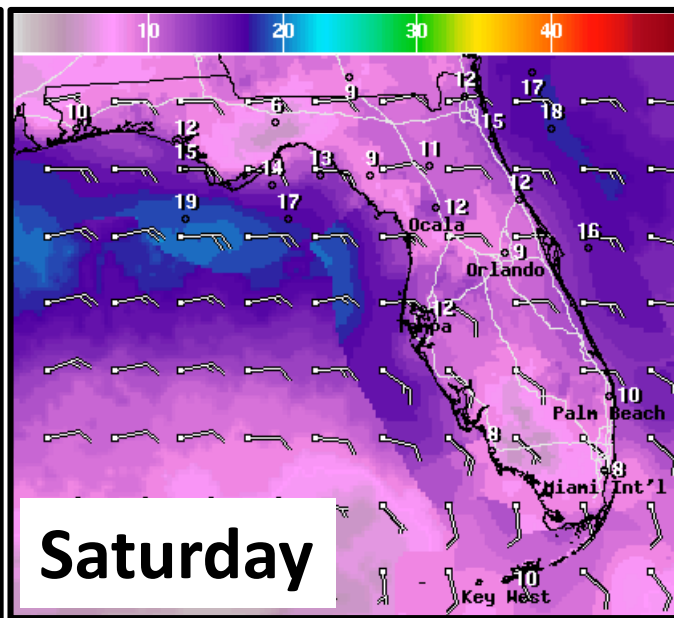
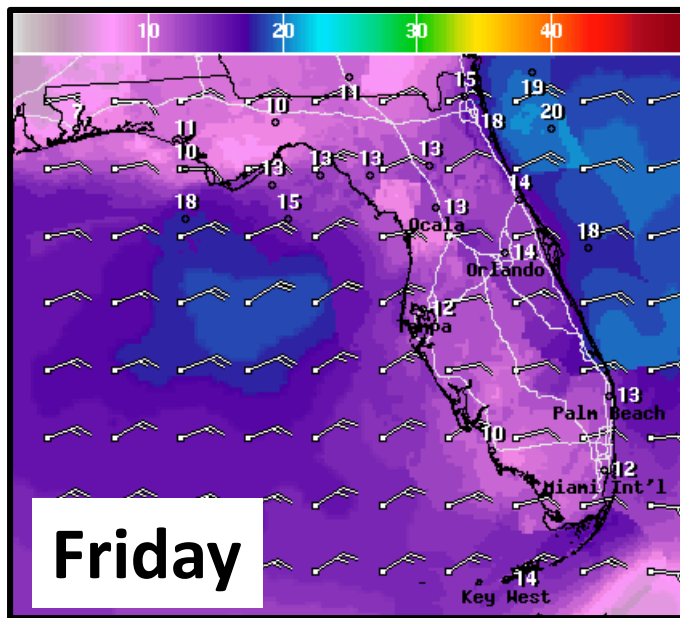
Rainfall Totals Next 7 Days

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.

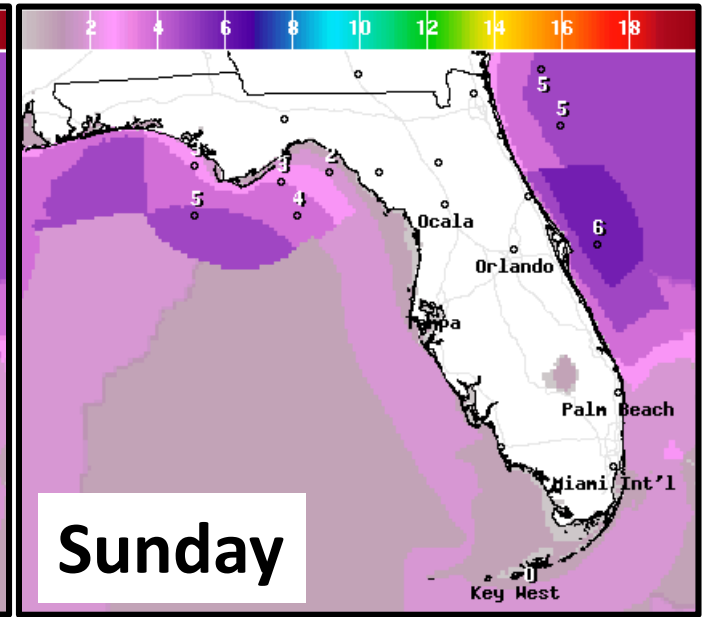
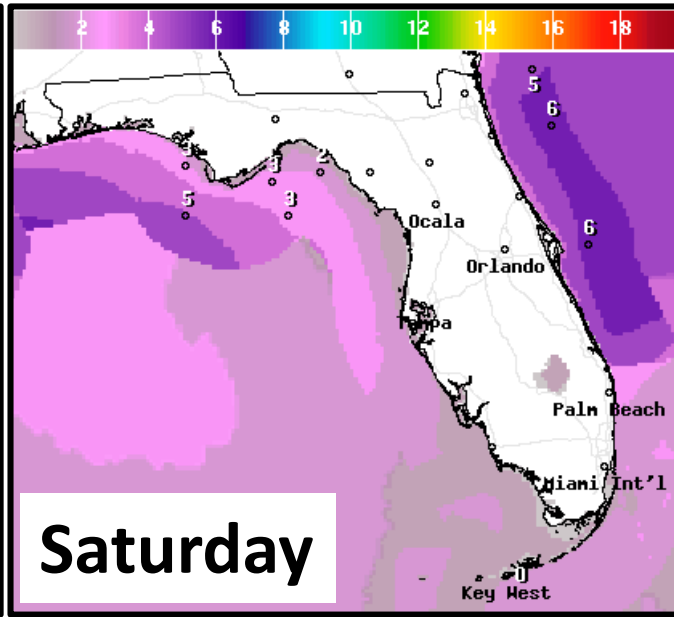
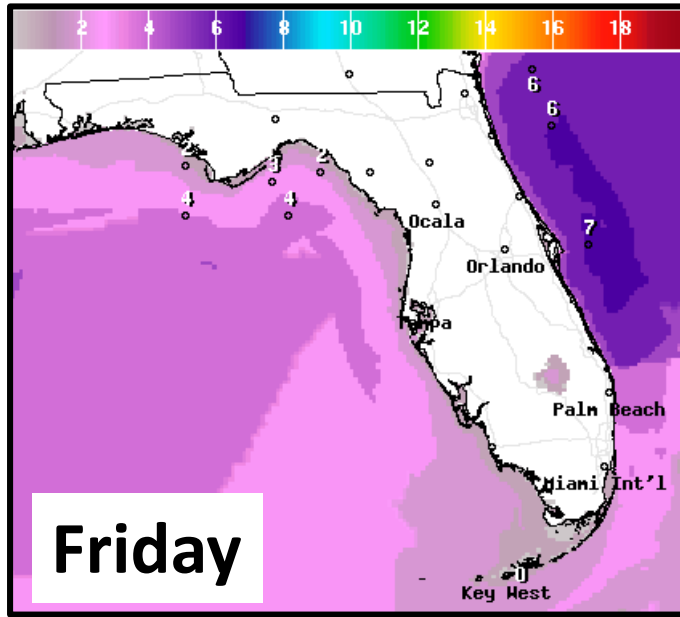
Rainfall totals along the northern Gulf Coast will depend on if the system becomes more organized later this weekend and its exact track into the weekend.



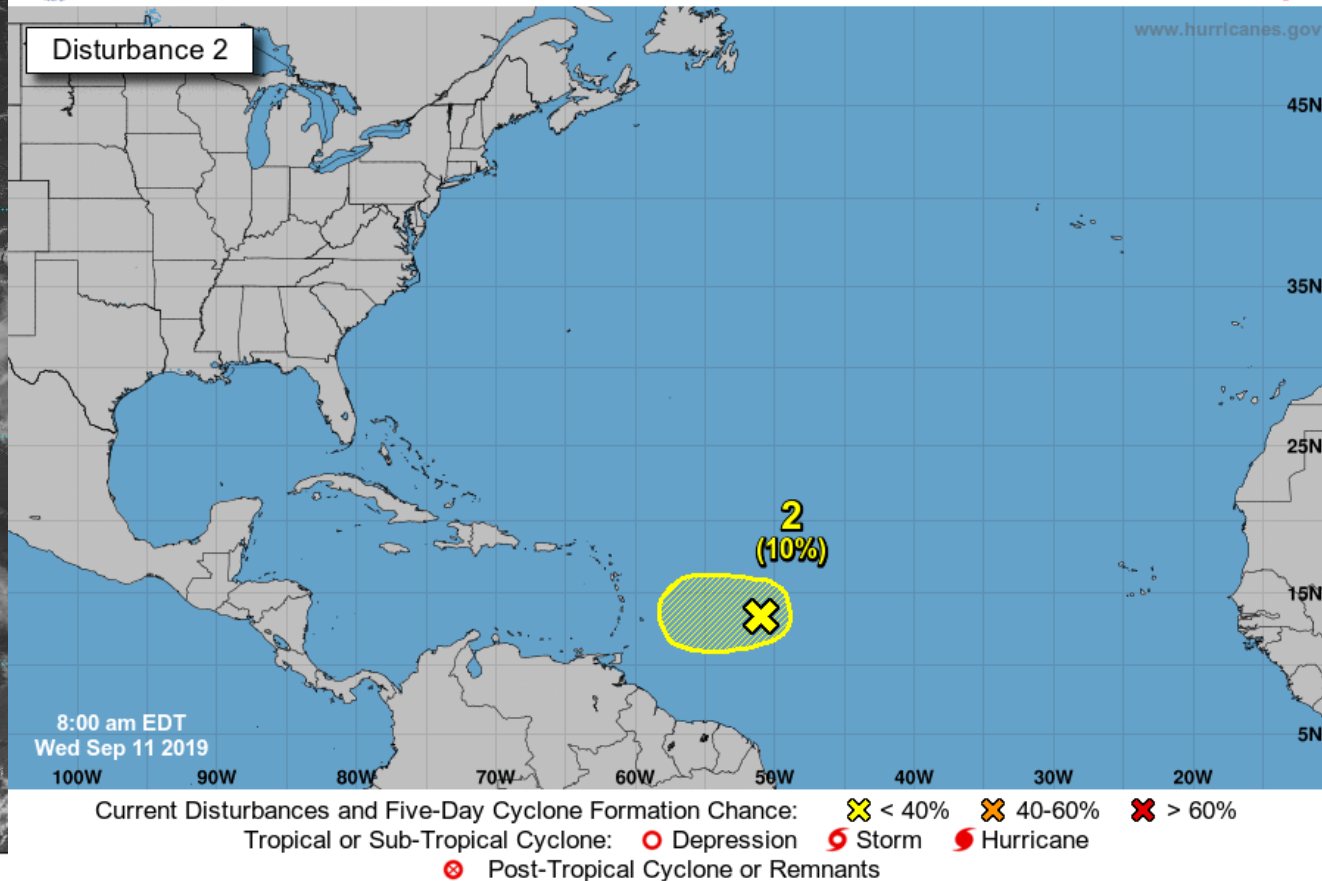
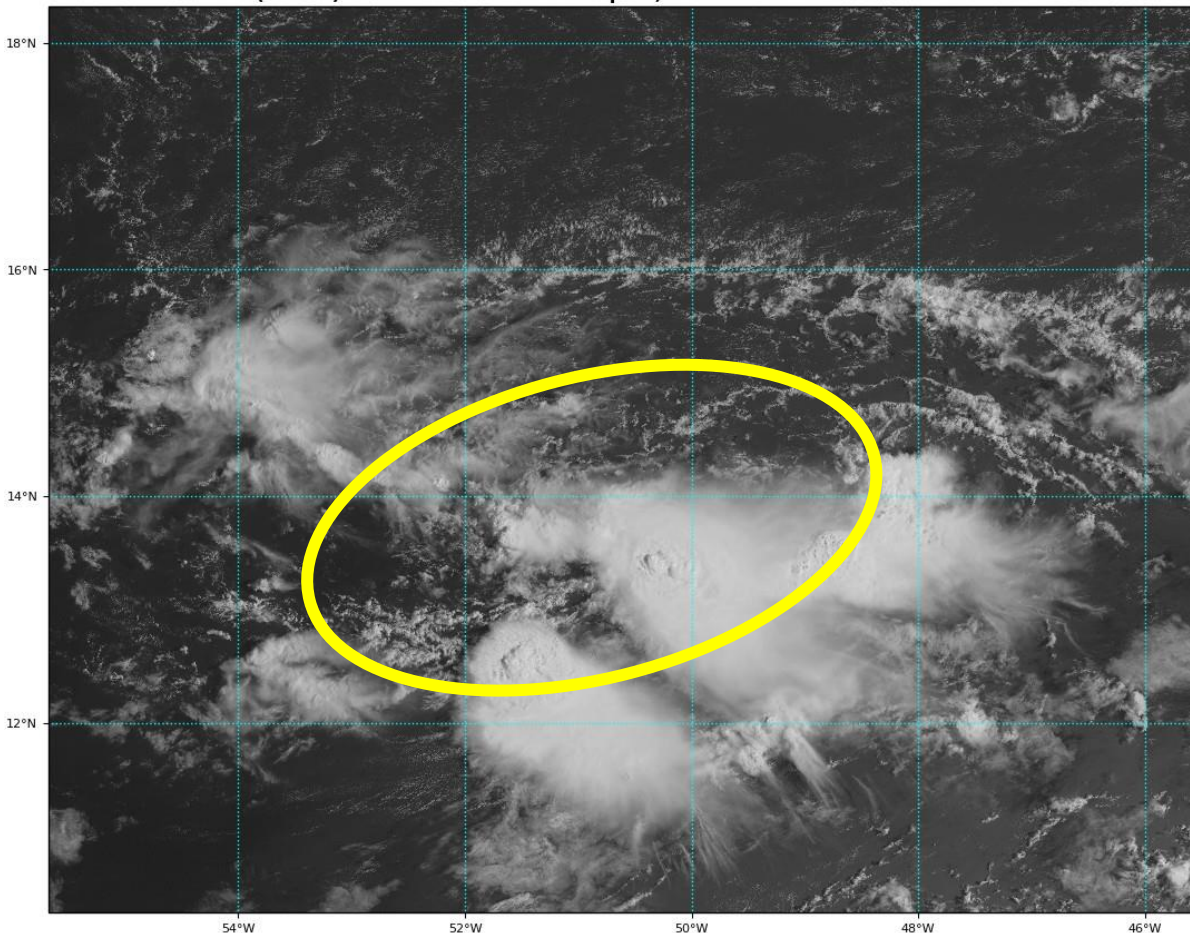
Forecast Wind Speed & Direction



Forecast Wave Heights



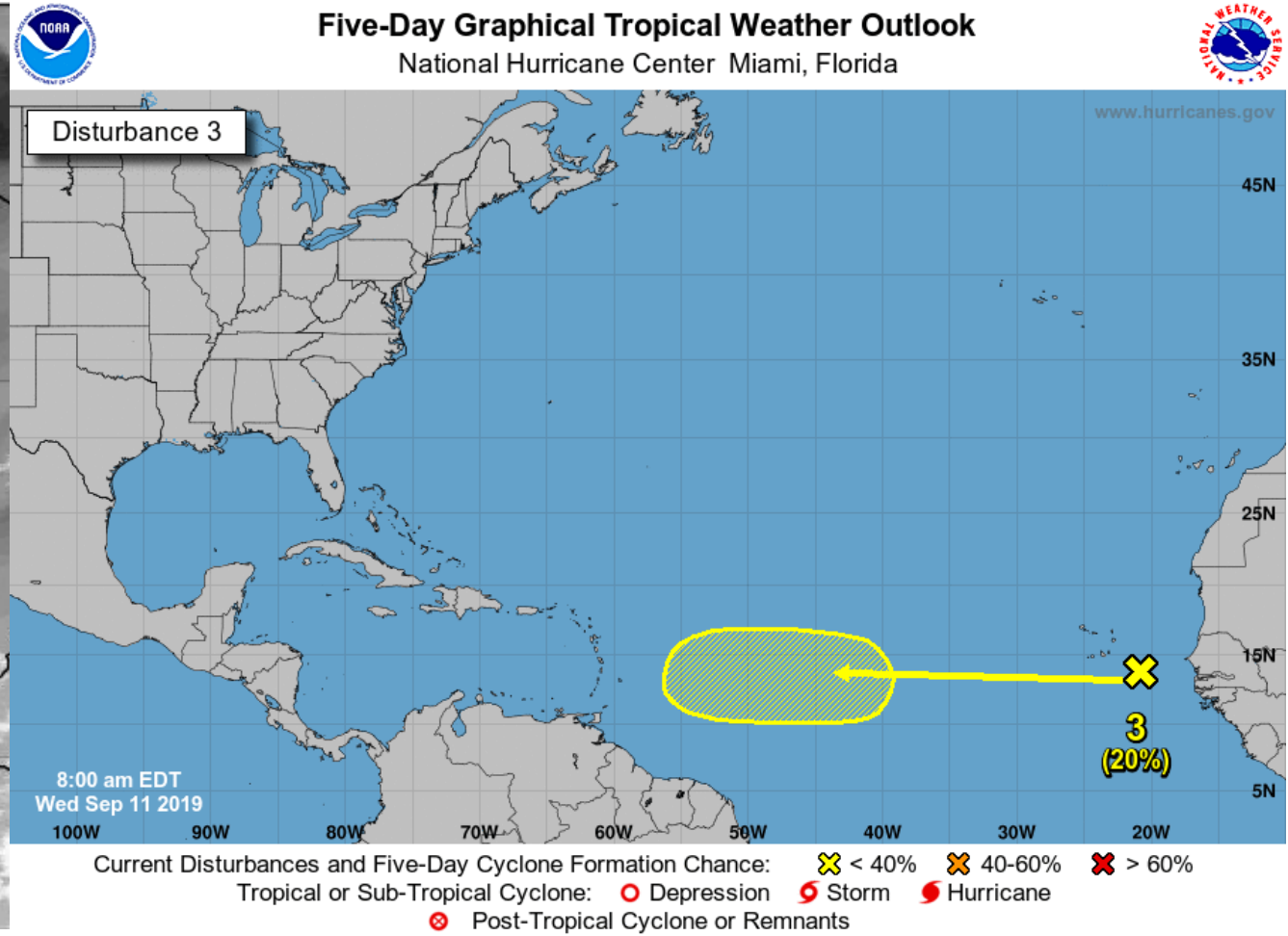
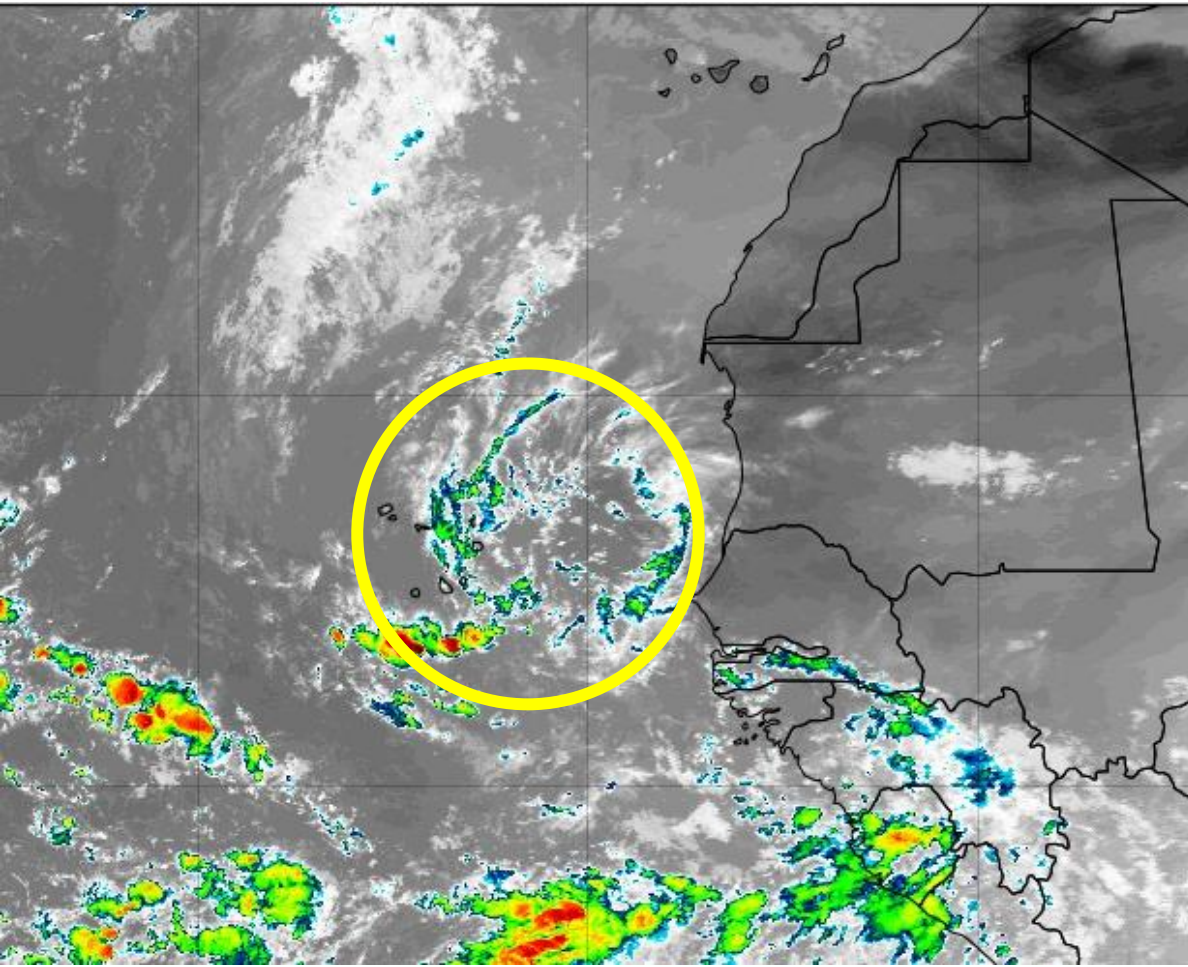
Breezy east to southeast winds will cause building waves and a **high risk for dangerous rip currents** this weekend along East Coast and Panhandle beaches.



Invest 94L: A broad low pressure system, associated with a tropical wave, is located about 650 miles east of the Lesser Antilles. This disturbance is accompanied by a large but disorganized area of cloudiness and thunderstorms. This system is forecast to move westward toward unfavorable upper-level winds for tropical cyclone formation.

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

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



Cabo Verde Wave: A tropical wave located between the west coast of Africa and the Cabo Verde Islands is forecast to move quickly westward during the next several days. Some slow development is possible over the weekend or early next week when the system is moving over the tropical Atlantic.

- * Formation chance through 48 hours...low...near 0 percent.
- * Formation chance through 5 days...low...20 percent.

Summary

Invest 95L

- A broad area of low pressure north of Haiti is producing a large disorganized area of showers and thunderstorms.
- Significant development is not expected today or Thursday, but development chances increase Friday into the weekend as the low moves toward South Florida and the eastern Gulf of Mexico.
- The National Hurricane Center is indicating a near 20% (low) chance of development over the next 48 hours, but a 60% (medium) chance from days 3-5. Given ongoing trends, the chance of development over 5-days may increase to high in future updates.

Invest 94L

- The broad low pressure system is currently producing minimal thunderstorm activity, and this system will move into unfavorable conditions over the next couple days.
- The National Hurricane Center is indicating only a 10% (low) chance of development over the next 48 hours.

Cabo Verde Wave

- A tropical wave between the Cabo Verde Islands and the west coast of Africa 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:

- It is too early to tell if Invest 94L or the Cabo Verde Wave poses a threat to Florida. No impacts are expected for at least 7 days.
- Invest 95L will bring increased rain chances and potentially locally heavy rainfall 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.
- Breezy east to southeast winds will result in building waves and dangerous rip currents along East Coast and Panhandle beaches.
- The next name on the 2019 Atlantic storm name list is Humberto.

The next tropics packet will be issued Thursday morning. However, if development chances for 95L increase to high this afternoon, a brief update packet may be issued later this 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



Created by:

Cameron Young, Assistant State Meteorologist

Cameron.Young@em.myflorida.com

State Meteorological Support Unit

Florida Division of Emergency Management

Users wishing to subscribe (approval pending) to this distribution list, register at:

https://public.govdelivery.com/accounts/FLDEM/subscriber/new?topic_id=SERT_Met_Tropics.

Other reports available for subscription are available at:

<https://public.govdelivery.com/accounts/FLDEM/subscriber/new?preferences=true>