



# TROPICAL UPDATE



2:00 PM EDT

Monday, July 6, 2020

Tropical Storm Edouard, Invest 98L (40%),  
& Tropical Wave (10%)

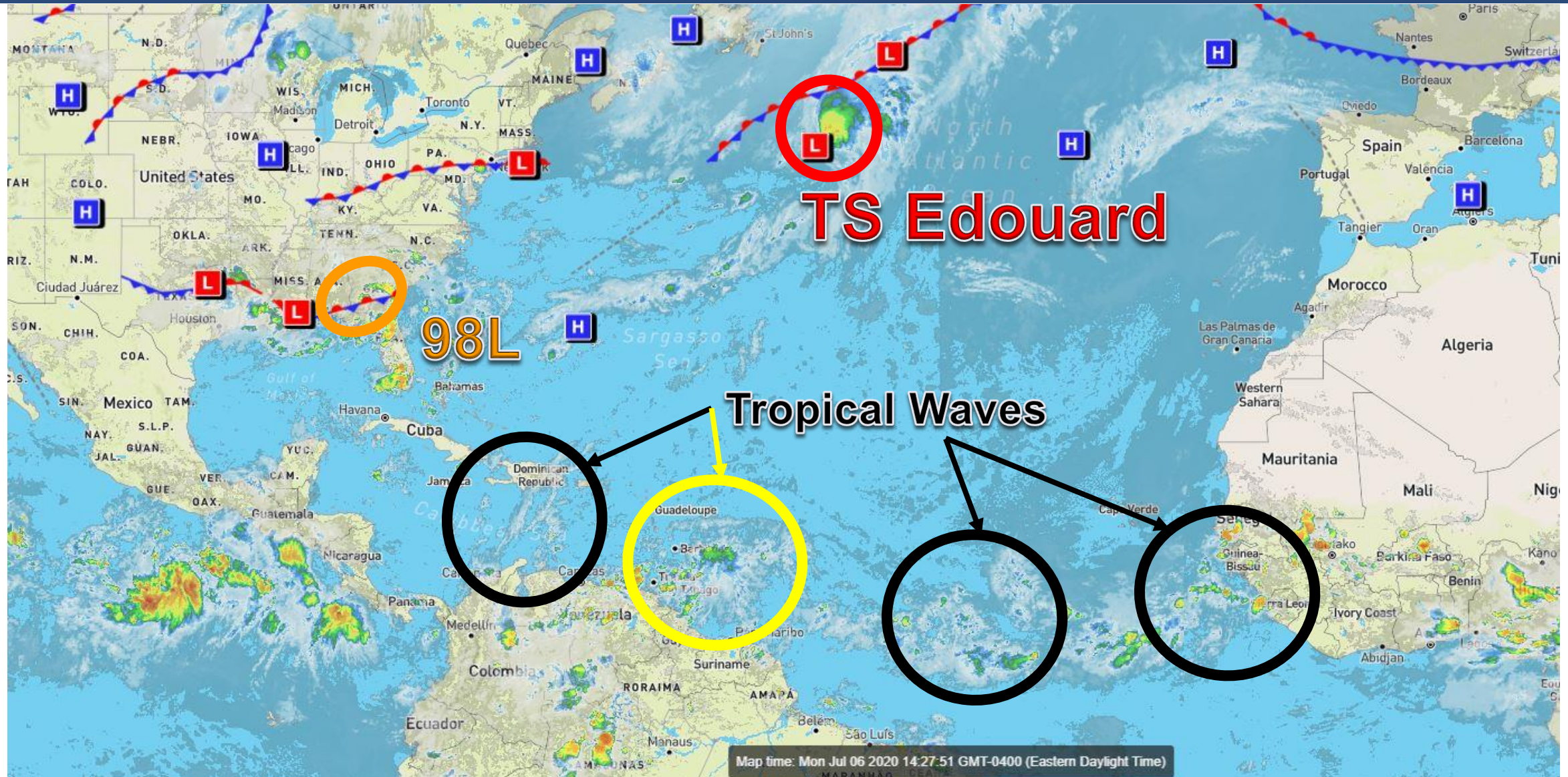
This update is intended for government and emergency response officials, and is provided for informational and situational awareness purposes only. Forecast conditions are subject to change based on a variety of environmental factors. For additional information, or for any life safety concerns with an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





# Atlantic Basin Satellite Image

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



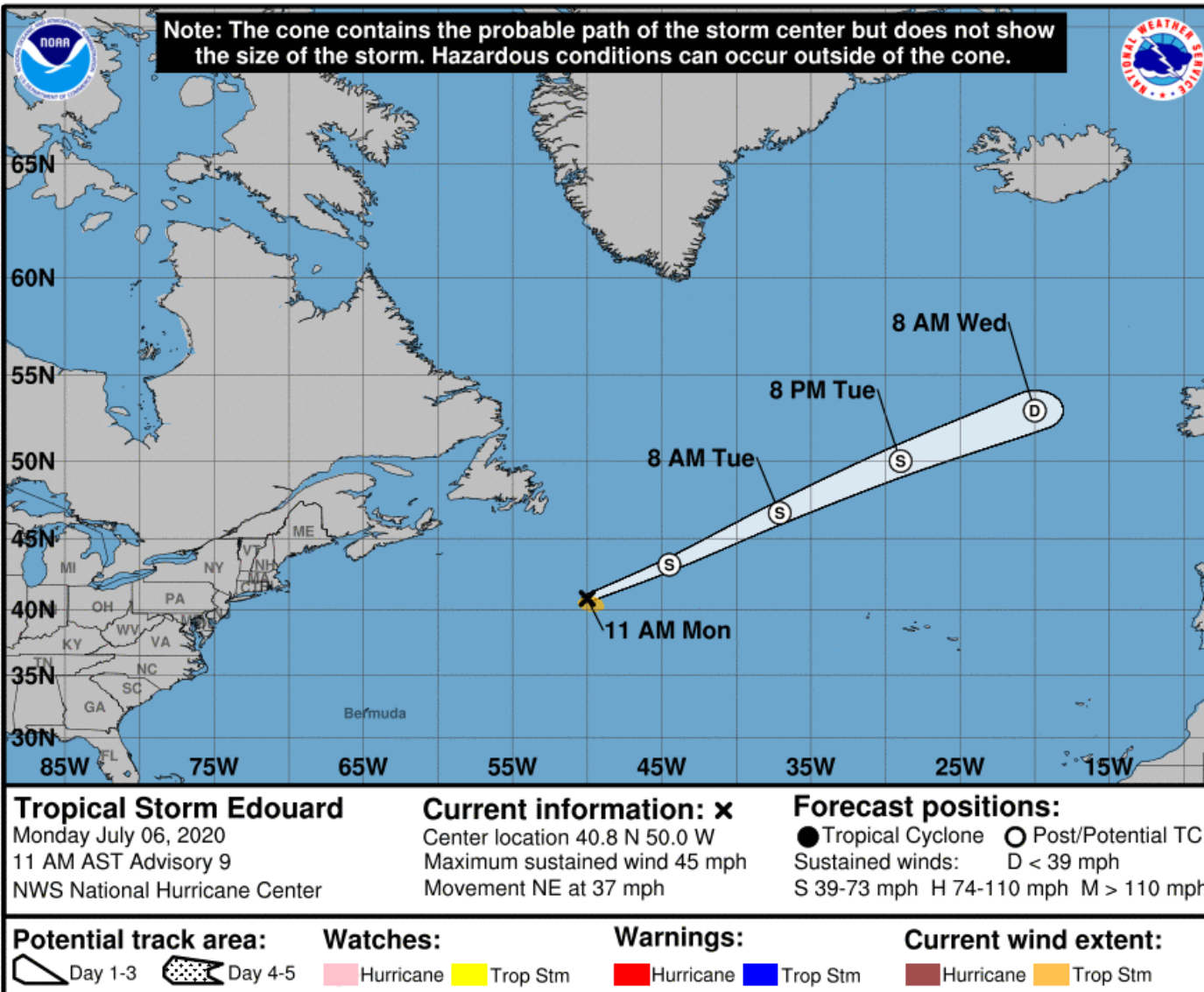






# Official Forecast Track

From the National Hurricane Center



- The center of Tropical Storm Edouard is located about 435 miles south-southeast of Newfoundland.
- Maximum sustained winds are near 45 mph.
- Edouard is moving very quickly to the northeast at 37 mph.
- The system will move over the frigid waters of the North Atlantic later today and the system will dissipate on Tuesday.
- LAST ADVISORY LIKELY ISSUED TONIGHT



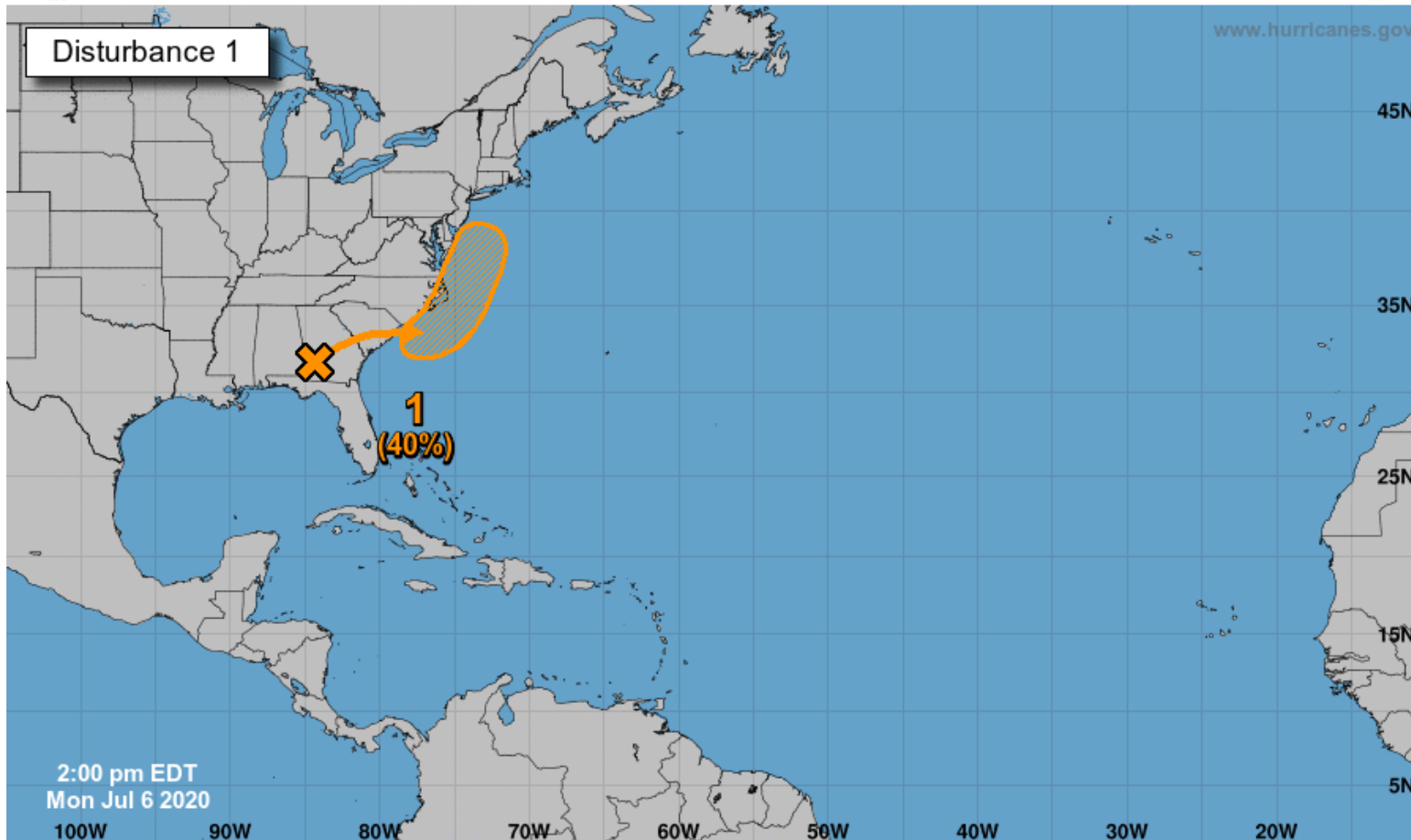
# Tropical Weather Outlook

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



## Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



A low pressure system is centered inland over southern Georgia. The low is forecast to move northeastward, near the coast of the Carolinas and the mid-Atlantic during the next few days.

**No development is expected while the low remains over land**, however some development will be possible if the system moves over water later this week.

Regardless of development, the low is forecast to produce locally heavy rainfall that could cause flash flooding across portions of the southeast U.S. during the next couple of days.

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

**\*Formation chance through 5 days...medium...40 percent.**

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



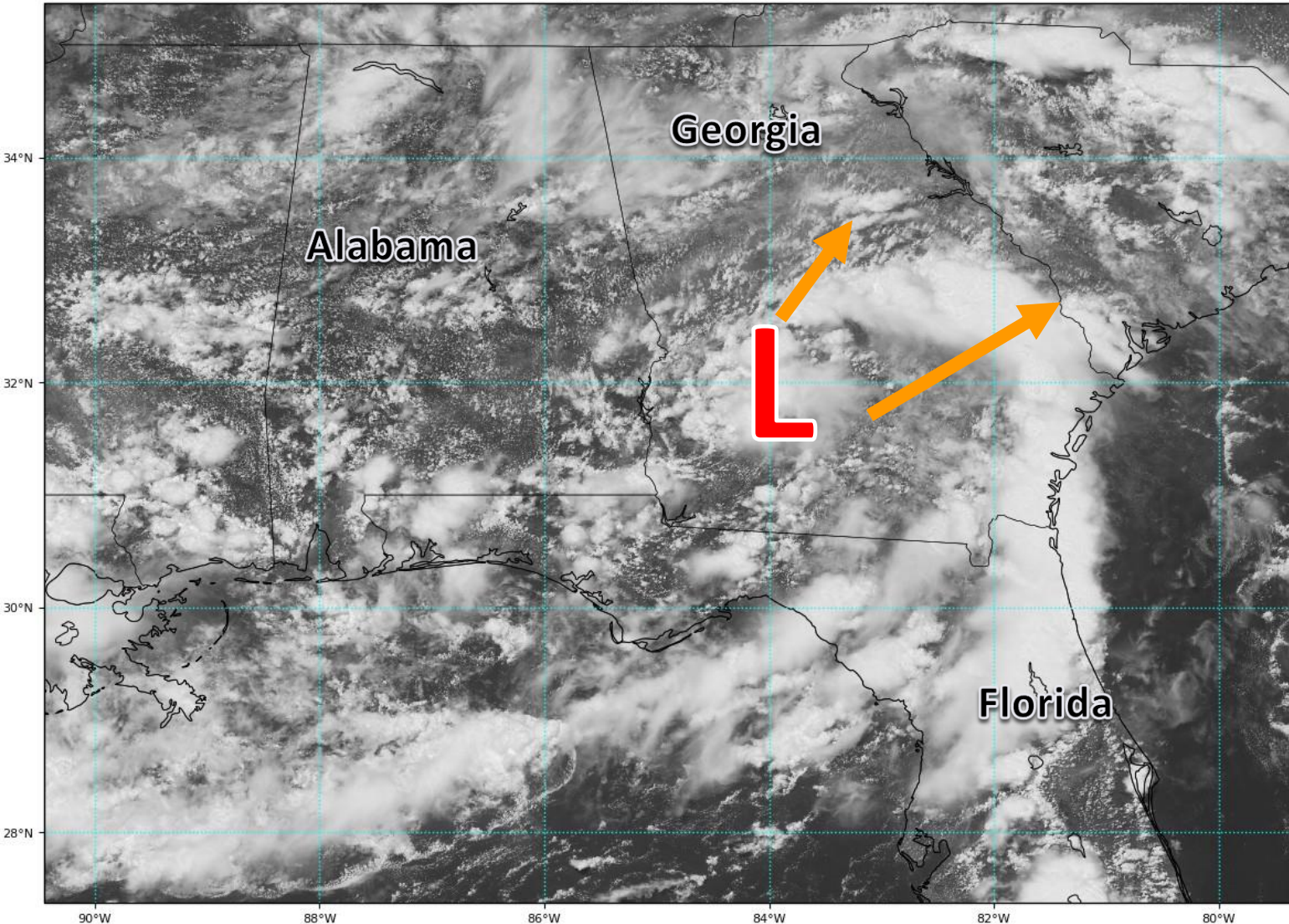


# Satellite Imagery

Invest 98L (40%)

GOES-16 Channel 2 (visible) Reflectance at 18:22Z Jul 06, 2020

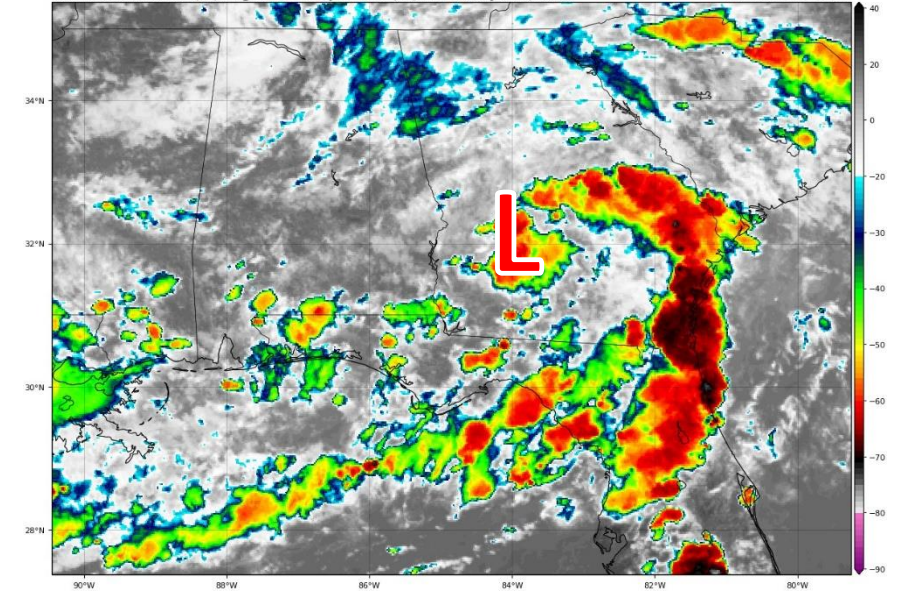
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The area of low pressure continues to move across Georgia with bands of showers and thunderstorms across North Florida.

GOES-16 Channel 13 (IR) Brightness Temperature (°C) at 18:22Z Jul 06, 2020

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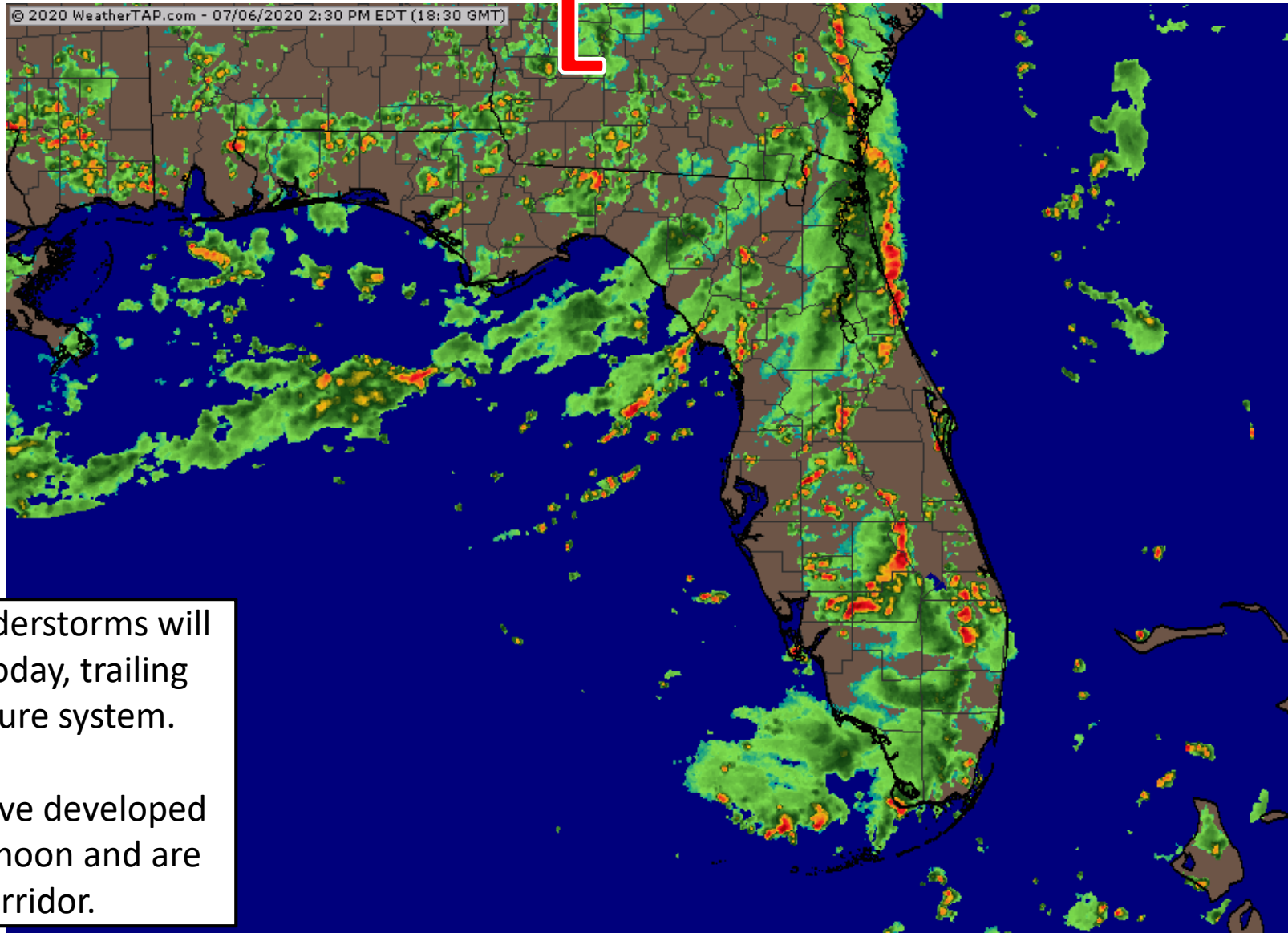






# Current Florida Radar

As of 2:30 PM ET / 1:30 PM CT



Rounds of showers and thunderstorms will track across North Florida today, trailing behind the weak low pressure system.

Additional thunderstorms have developed over the Peninsula this afternoon and are tracking to the I-95 corridor.



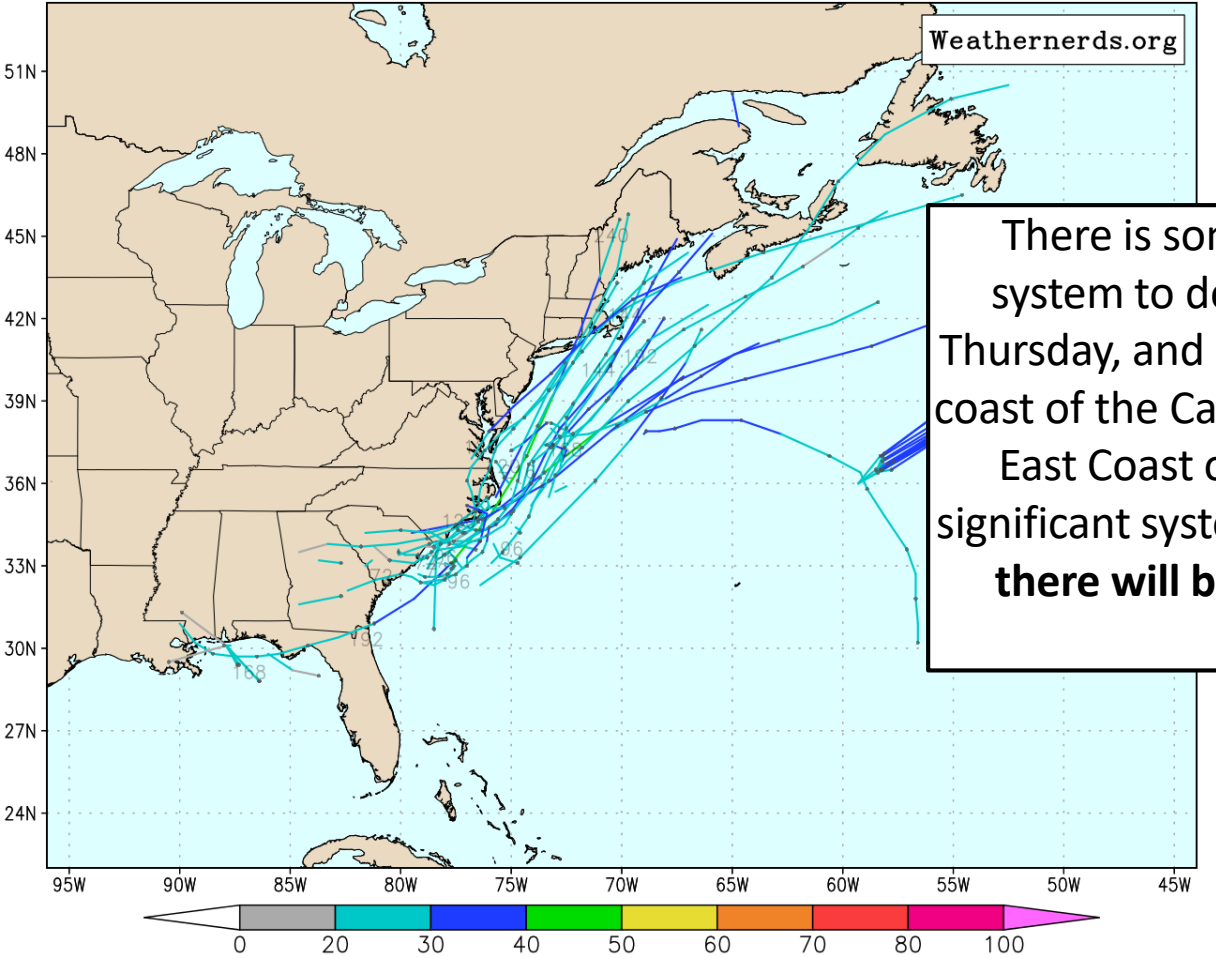
# Model Forecast Tracks

## Ensembles, Dynamical, and Statistical Models

ECMWF Ensemble, init: 2020070600, AL98 Invest

color = max wind (kt)

Weathernerds.org

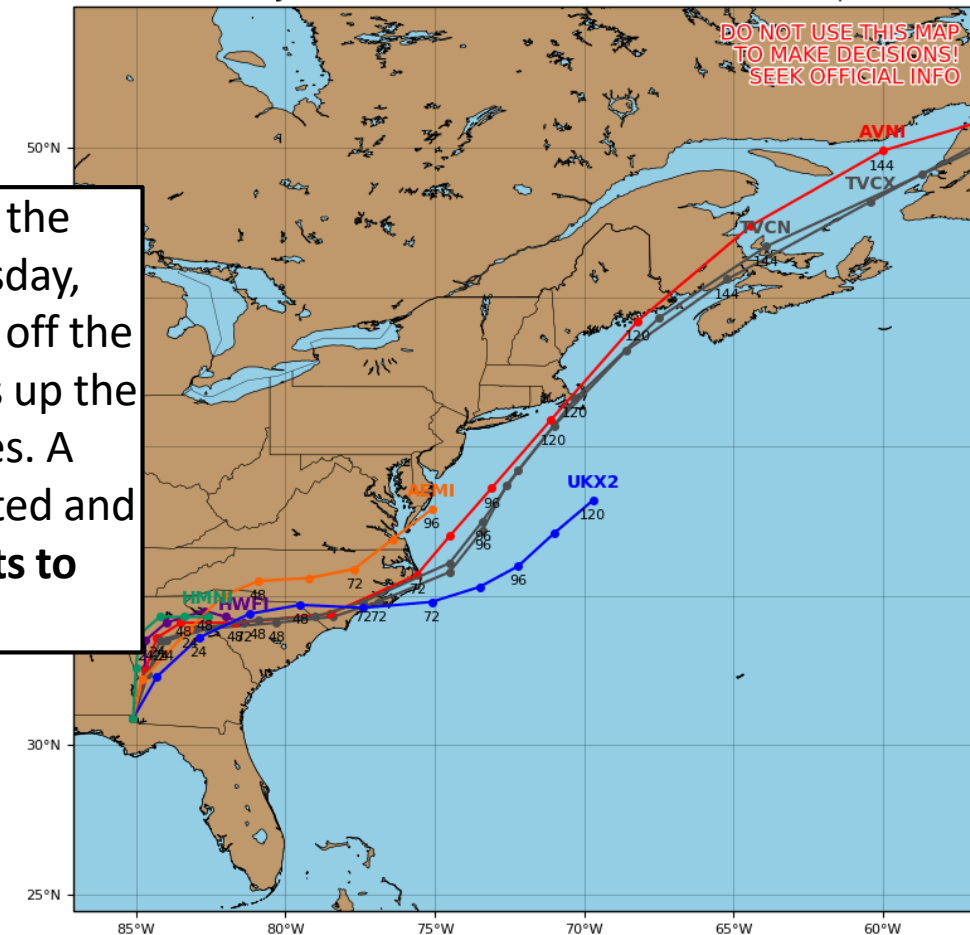


There is some opportunity of the system to develop on Wednesday, Thursday, and Friday as it moves off the coast of the Carolinas and moves up the East Coast of the United States. A significant system is not anticipated and **there will be no direct impacts to Florida.**

### Invest 98L Model Track Guidance

Initialized at 12z Jul 06 2020

Levi Cowan - tropicaltidbits.com







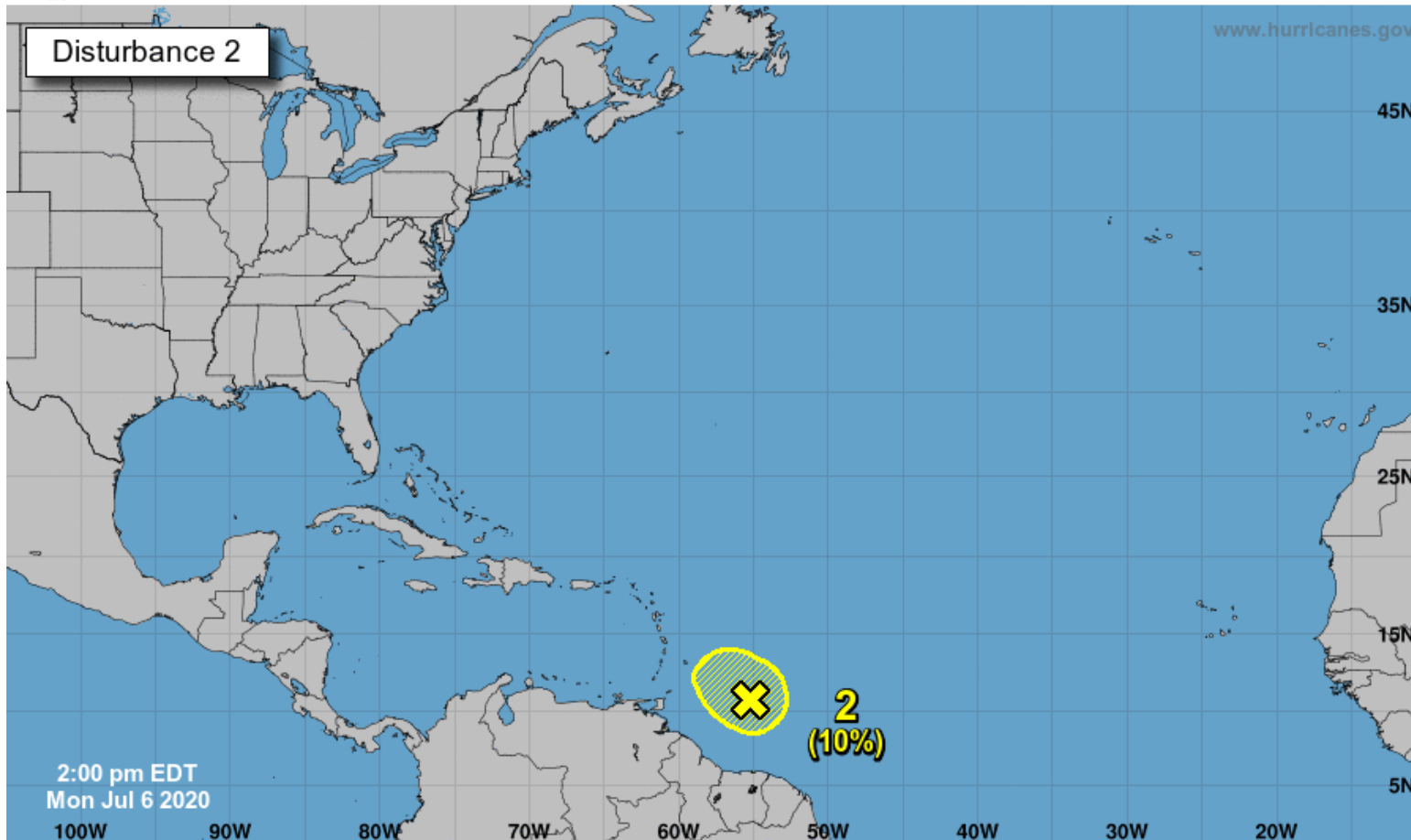
# Tropical Weather Outlook

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



## Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



A fast-moving tropical wave continues to produce disorganized showers and thunderstorms a few hundred miles east of the Windward Islands.

**This disturbance has not become any better organized today, and development is becoming unlikely.**

The wave is forecast to move through the Lesser Antilles on Tuesday and could produce locally heavy rainfall and gusty winds on some of those islands.

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

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

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

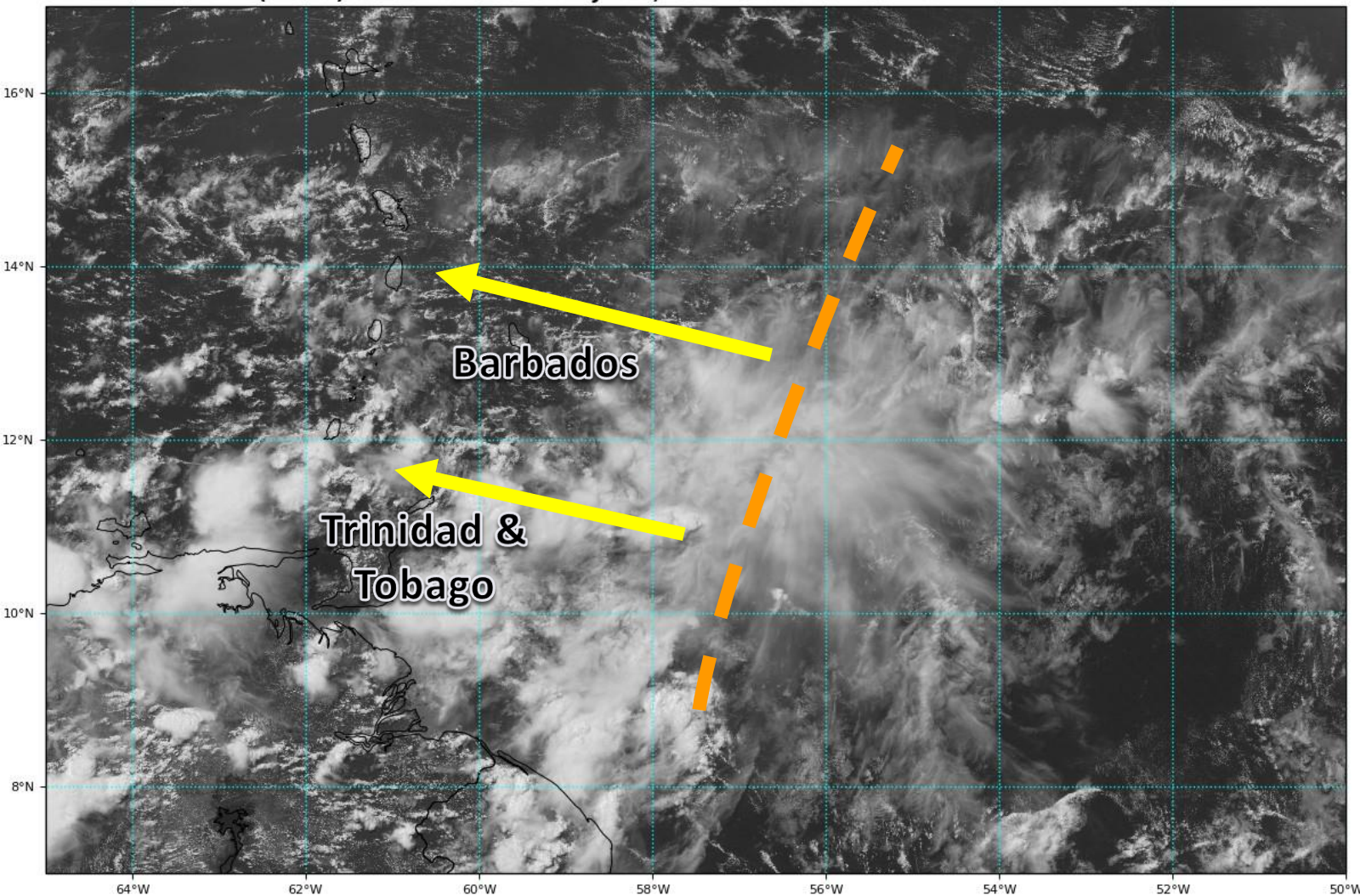


# Satellite Imagery

## Tropical Wave (10%)

GOES-16 Channel 2 (visible) Reflectance at 18:15Z Jul 06, 2020

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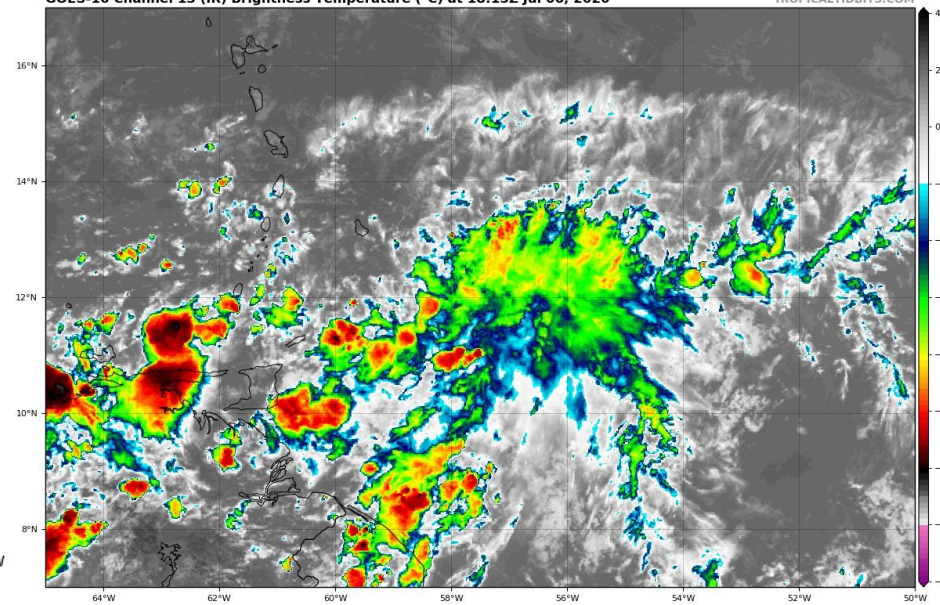


Thunderstorms have diminished since this morning and the system has not organized.

Development chances are low and the opportunity is short-lived.

GOES-16 Channel 13 (IR) Brightness Temperature (°C) at 18:15Z Jul 06, 2020

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# Overall Summary

## Tropical Storm Edouard

- As of 11 AM ET, Edouard was located about 435 miles south-southeast of Newfoundland and is racing to the northeast at 37 mph.
- Maximum sustained winds are near 45 mph, and no additional strengthening is expected over the next day as it accelerates towards the colder waters of the North Atlantic.
- The system will dissipate on Tuesday and pose no threat to land.

## Invest 98L (Low Pressure Near Florida)

- A low pressure system is centered inland over southern Georgia. The low is forecast to move northeastward, near the coast of the Carolinas and the mid-Atlantic during the next few days.
- Development is not expected today or Tuesday as it remains inland and moves across Georgia. (10%, low chance of tropical development over the next 48 hours).
- Once the system emerges over the southwestern Atlantic later this week off the coast of the Carolinas, additional development is possible (40%, medium chance of tropical development over the next 5 days).

## Tropical Wave (Near the Lesser Antilles)

- A fast-moving tropical wave continues to produce disorganized showers and thunderstorms a few hundred miles east of the Windward Islands.
- This disturbance has not become any better organized today, and development is becoming unlikely. Dry air and wind shear in the Caribbean will then weaken this system further starting tomorrow.
- The National Hurricane Center gives the system a 10% (low) chance of development over the next 48 hours.

## Florida Outlook:

- **None of these system will have a direct impact on Florida.**
- Moisture associated with Invest 98L will keep rain chances high through mid-week across the state, but particularly in North Florida.
- There is a Marginal Risk of Flash Flooding (level 1 of 4) for Tuesday across North Florida.
- Gusty winds, small hail, and frequent lightning will also accompany any stronger storms, and a few could be severe each afternoon statewide.
- Heat index values of 100-105 degrees are still possible before any afternoon thunderstorms in the Peninsula.

The next, full briefing packet will be issued around 11 AM ET Tuesday morning. For the latest information on the tropics, please visit the National Hurricane Center website at [www.hurricanes.gov](http://www.hurricanes.gov).



# TROPICAL UPDATE



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State Meteorological Support Unit

Florida Division of Emergency Management

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