



TROPICAL UPDATE



9:00 AM EDT

Friday, August 27, 2021

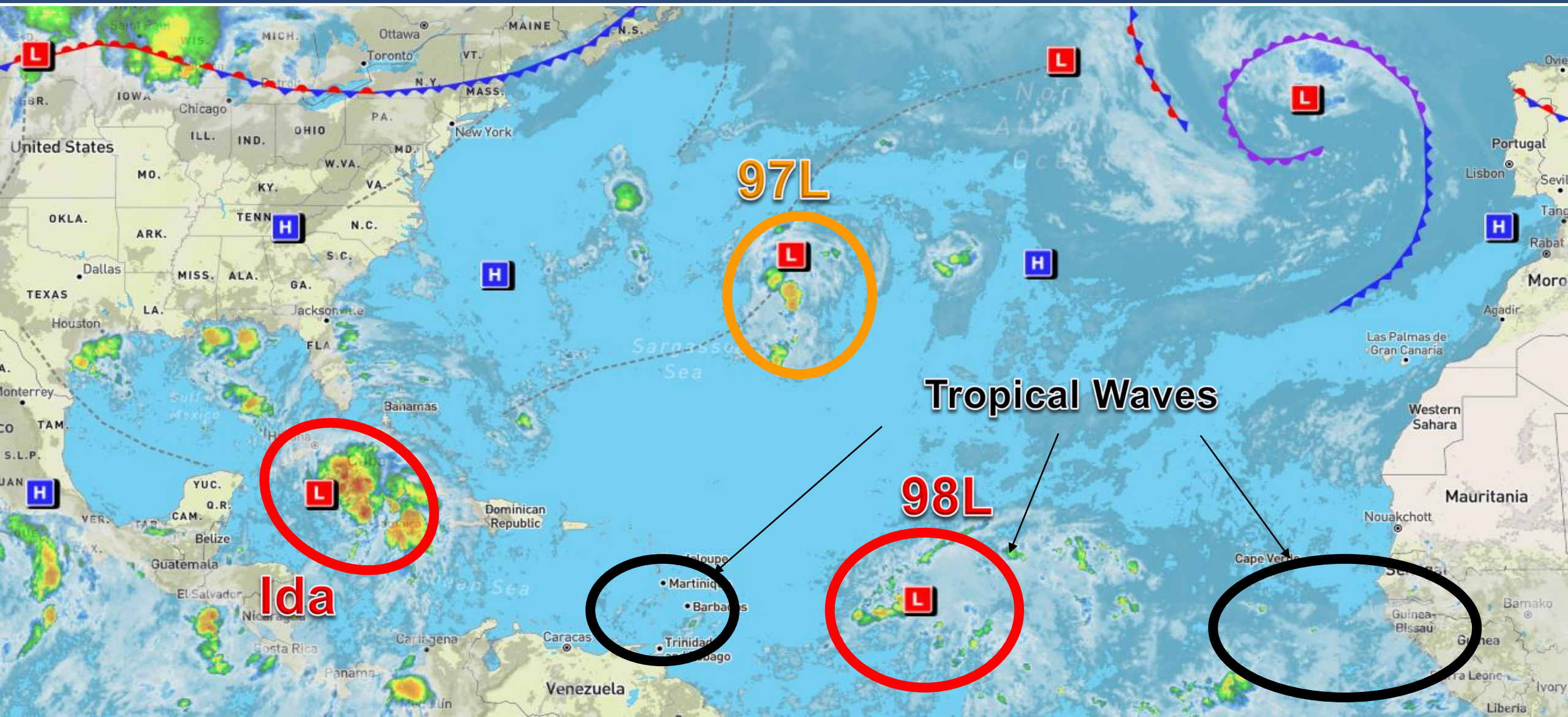
Tropical Storm Ida, Invest 97L (60%), & Invest
98L (80%)

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

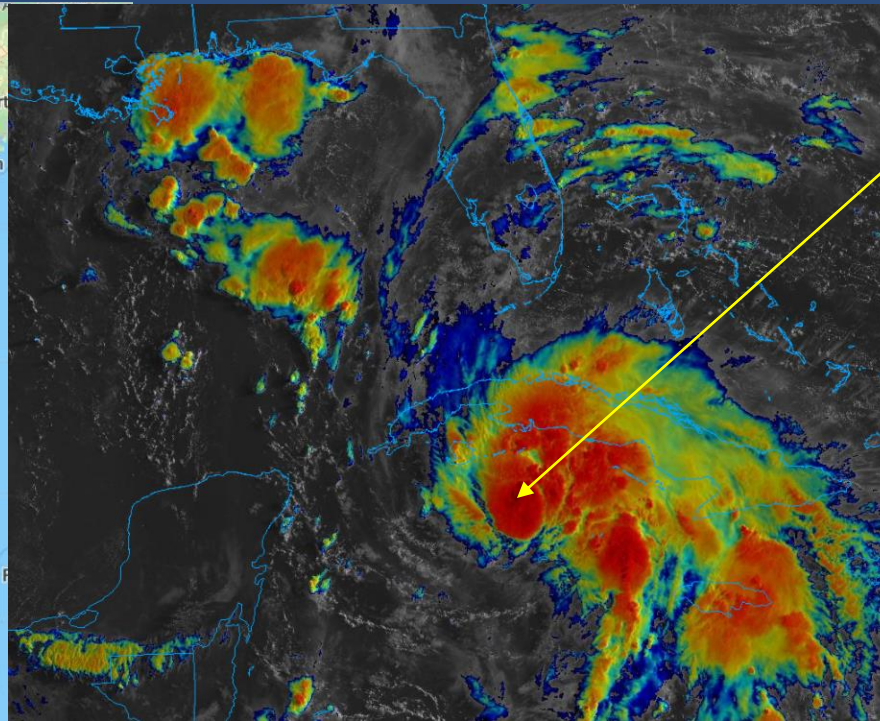
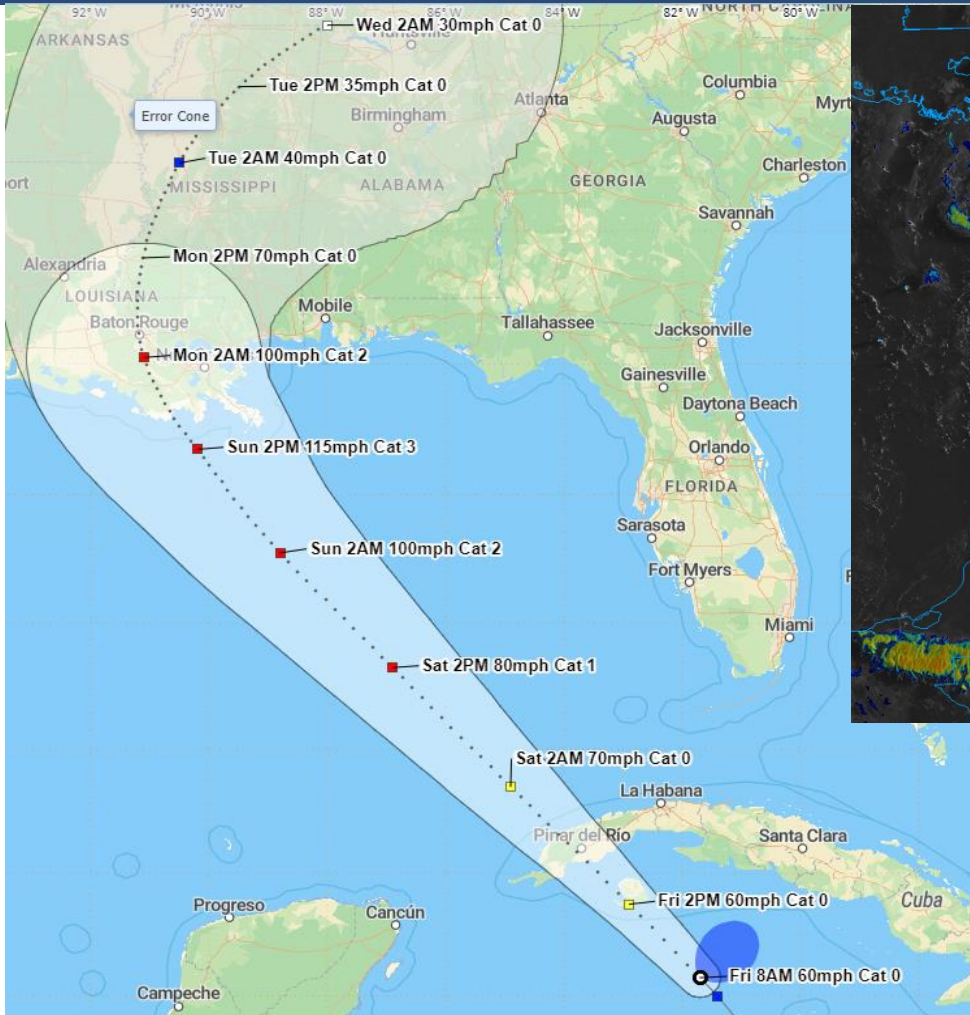
Chance of development: — None — Low — Medium — High





Official Forecast Track

From the National Hurricane Center



- **Location:** 75 miles NNW of Grand Cayman Island; 295 miles South of Key West, Florida.
- **Maximum sustained winds:** 60 mph.
- **Movement:** NW at 15 mph, and this general motion should continue over the next few days, followed by a turn to the north and northeast on Monday.
- **Forecast:** Ida is forecast move over western Cuba today and become a hurricane over the southeastern Gulf of Mexico on Saturday. Ida will be at or near major hurricane strength when it approaches the central U.S. Gulf coast on Sunday.

Tropical Storm IDA - Friday, August 27, 2021 8AM EDT Advisory #4A

Center Location: 20.3 N 81.7 W Maximum Sustained Winds: 60 mph Movement: 15 mph NW

Potential Track Area: 1-3 day 4-5 day Wind Field: at current location

Sustained Wind Speed: tropical storm ≥ 34 kt/39mph strong tropical storm ≥ 50 kt/58mph hurricane ≥ 64 kt/74mph



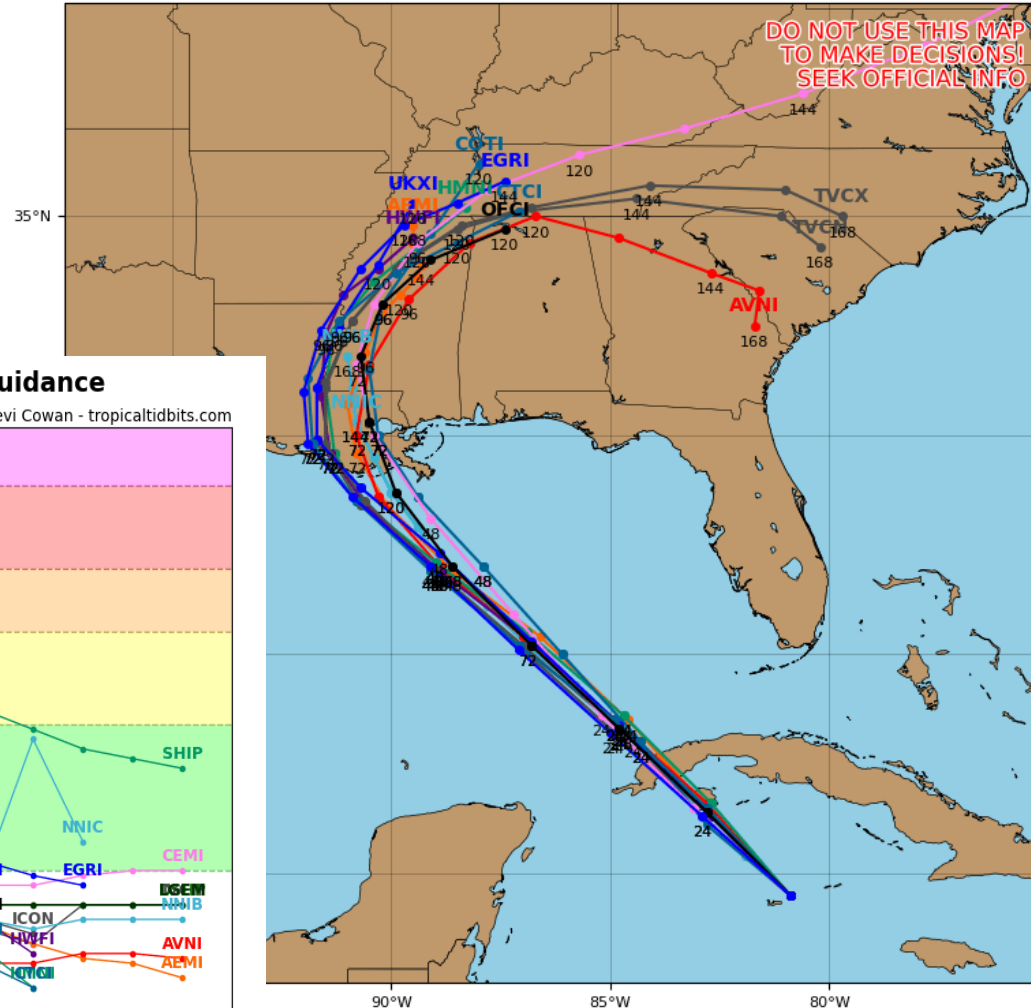
Model Forecast Tracks & Intensity

Dynamical and Statistical Models – Tropical Storm Ida

Tropical Storm IDA Model Track Guidance

Initialized at 06z Aug 27 2021

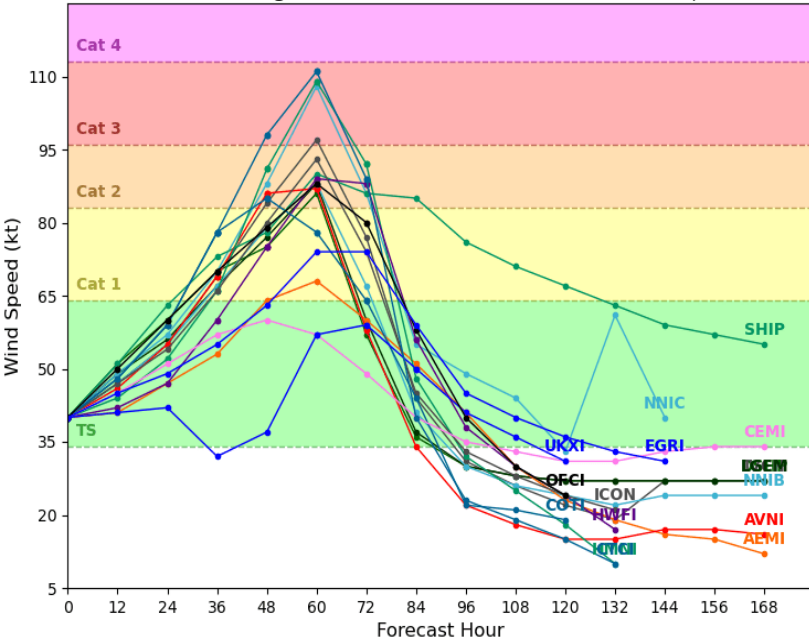
Levi Cowan - tropicaltidbits.com



Tropical Storm IDA Model Intensity Guidance

Initialized at 06z Aug 27 2021

Levi Cowan - tropicaltidbits.com



Steady strengthening is forecast today, followed by a strong potential for rapid intensification as Ida travels through the southeastern and central Gulf of Mexico.

With very conducive atmospheric and oceanic conditions in place, Ida is likely to be near or at major hurricane strength (Category 3 or higher) when it approaches the U.S. Gulf Coast.

Computer models remain in good agreement on a potential landfall in southeastern Louisiana in 72 hours, but impacts may extend hundreds of miles from where the storm makes landfall.

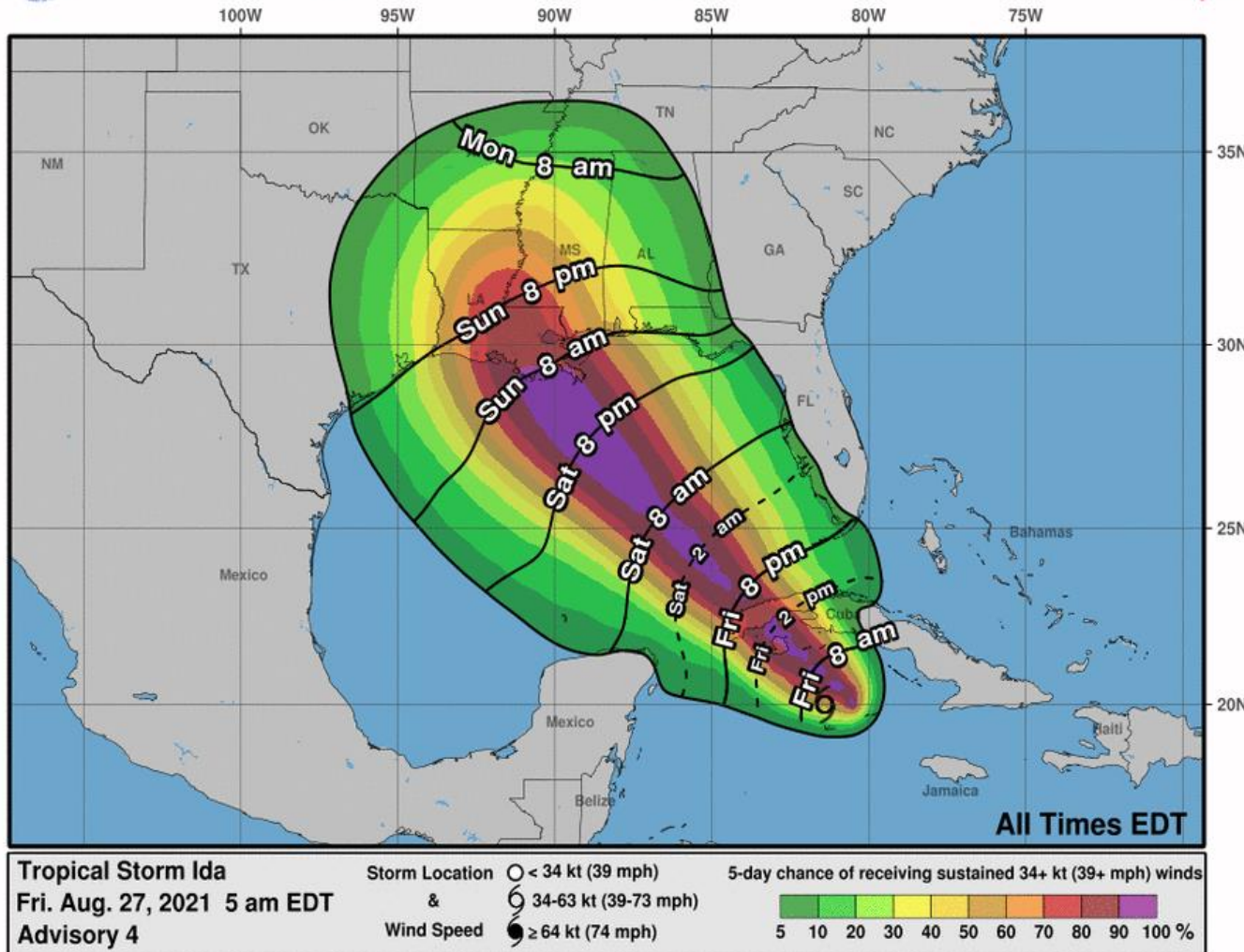


Time of Arrival & Wind Speed Probabilities

Most Likely Time of Arrival of Tropical Storm Force Winds (>39 mph)



Most Likely Arrival Time of Tropical-Storm-Force Winds



City

Chance for TS Winds Changes Since Last Packet

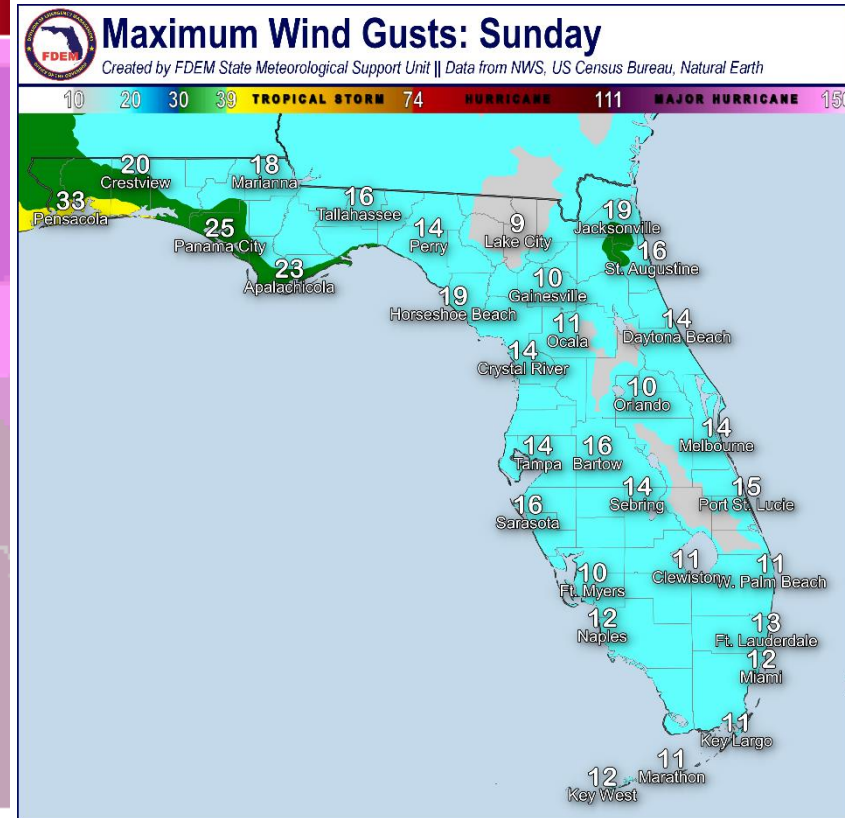
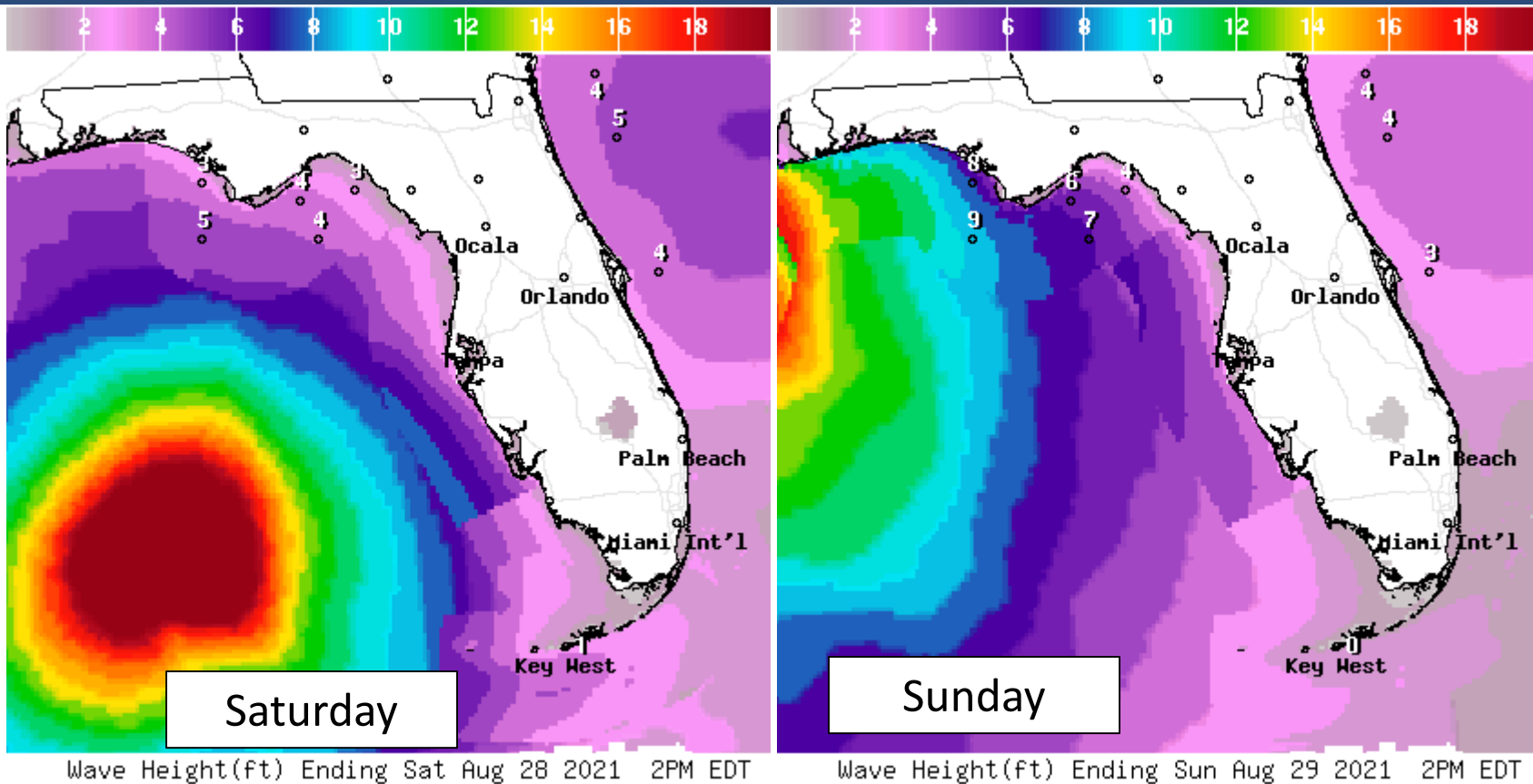
Key West	20%	+4%
Naples	13%	+2%
Venice	15%	+2%
Apalachicola	23%	+5%
Panama City	27%	+7%
Destin	25%	+10%
Pensacola	33%	+12%

There is now a near 30% or 1 in 3 chance of tropical storm force winds to affect portions of the Panhandle (Okaloosa County westward as well as coastal portions of Walton and Bay County), with about a 20% or 1 in 5 chance along the lower Florida Keys and coastal portions of Gulf and Franklin County. These winds are most likely to begin tonight in the Keys and immediate coast and coastal waters of Southwest Florida, and then arrive early Sunday morning in the Panhandle. However, a faster forward speed could cause winds to arrive in the Panhandle as early as Saturday evening/night.



Forecast Wave Heights

Saturday through Sunday



Surf will build along the lower Keys and West Coast Friday night into Saturday, with surf building along the Panhandle and Big Bend coast later on Saturday and through early Monday. This will result in dangerous rip currents at nearly all Gulf Coast beaches. Minor beach erosion is possible in a few locations.



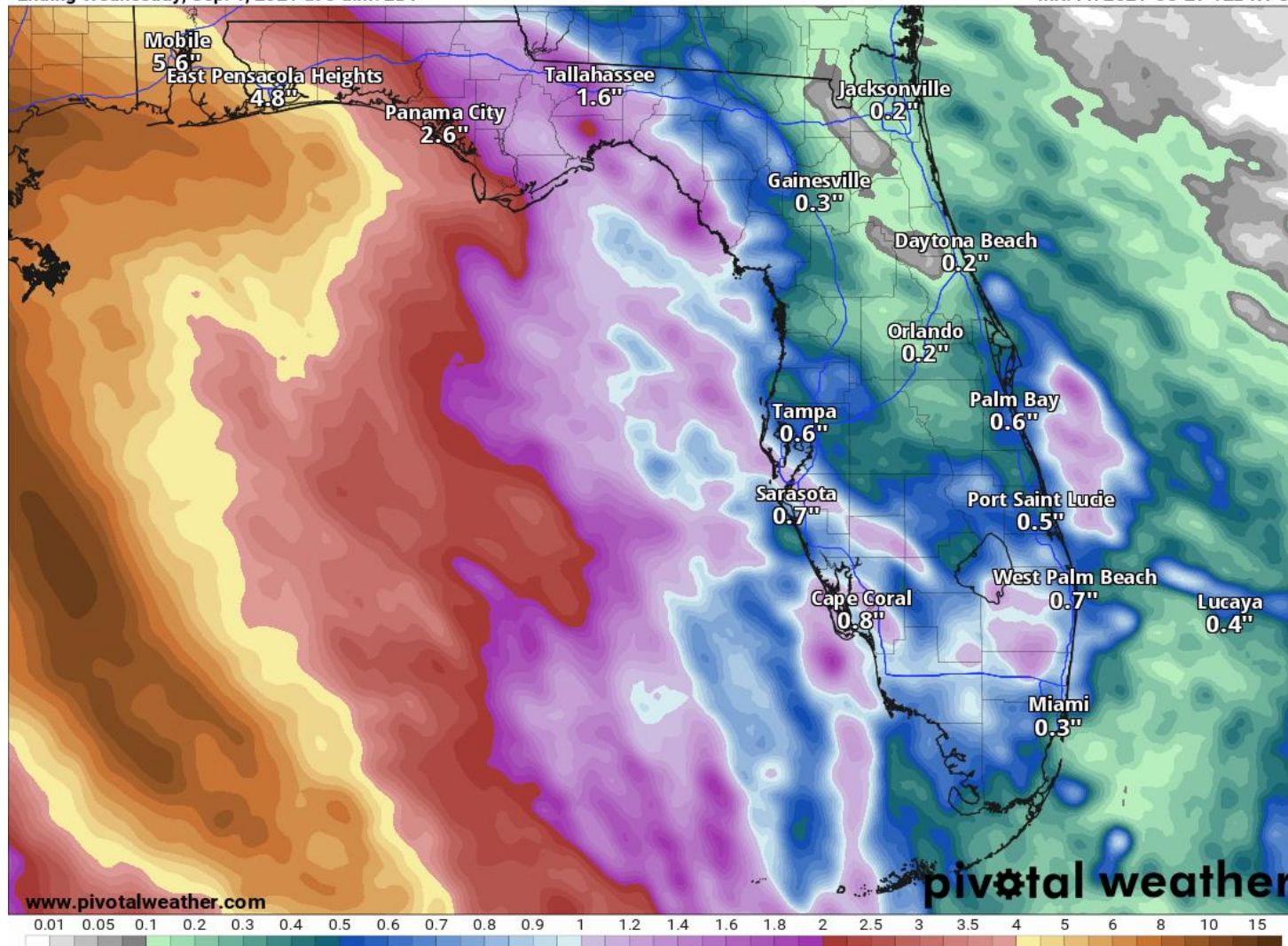
Rainfall Totals Next 5 Days

Ending 8 AM ET Wednesday

120-Hour Precipitation (in)

Ending Wednesday, Sep. 1, 2021 at 8 a.m. EDT

Init: Fri 2021-08-27 12z WPC



Through the next 3-5 days, most of the heavy rain should be confined to the coast along the western Peninsula with rainfall totals up to 1.5". Along the Panhandle and Big Bend, expect rainfall amounts of 2-4" with localized totals of up to 6-8" possible, especially in the western Panhandle.

Given saturated conditions across North Florida, there is a potential for flash flooding on Sunday, mainly west of US-231.

These totals are highly track-dependent and could change



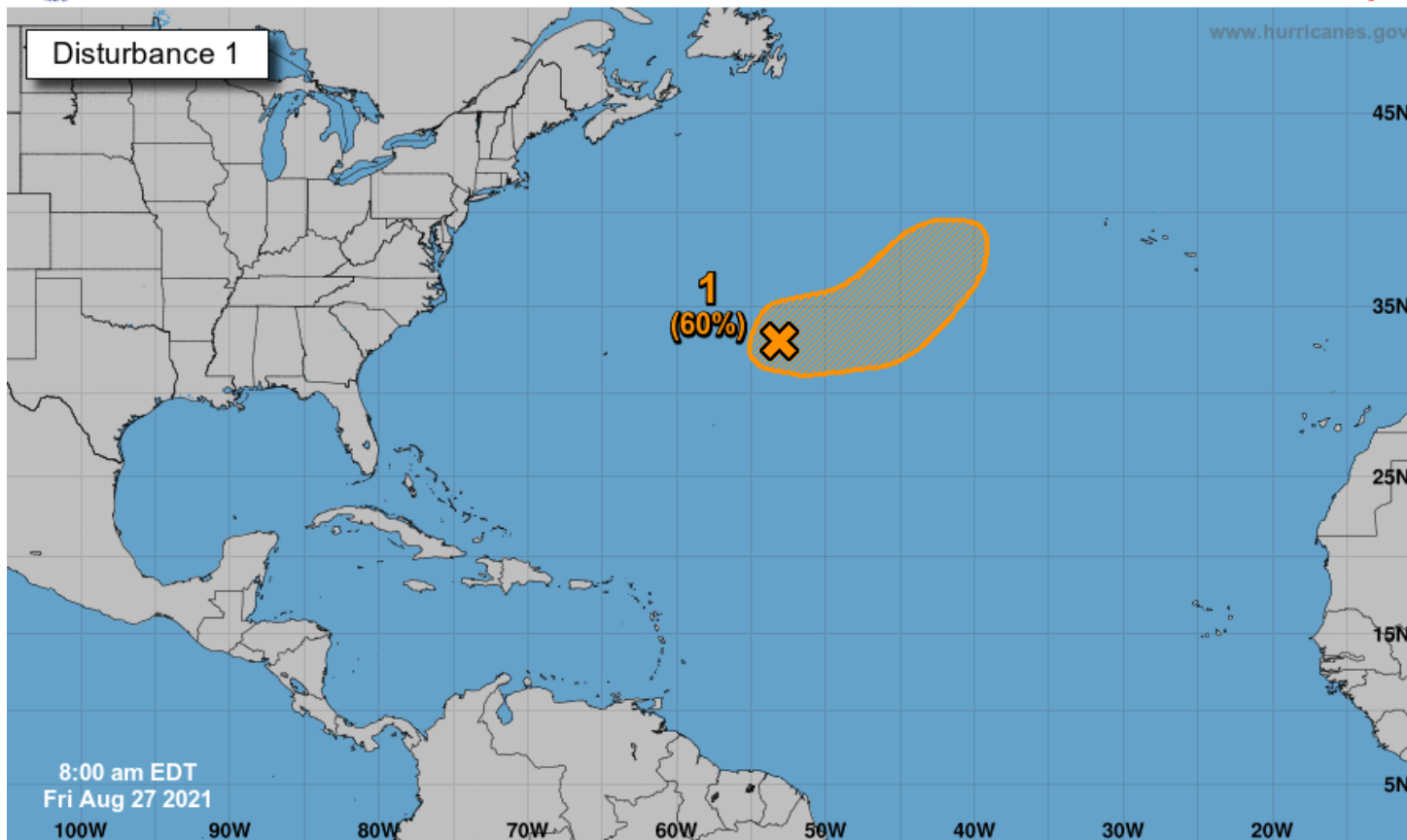
Tropical Weather Outlook

Possible Areas of Development During the Next 5 Days – Invest 97L ([LINK](#))



Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



An elongated area of low pressure located over the central Atlantic about 600 miles east of Bermuda is producing showers and thunderstorms. Environmental conditions are expected to be marginally conducive for development, however, a tropical depression could still form over the weekend. The system is expected to drift eastward today and Saturday, then accelerate northeastward on Sunday toward the central-north Atlantic.

This system poses no threat to Florida over the next 7 days and does not need to be monitored at this time.

***Formation chance through 48 hrs...medium...50%**

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

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



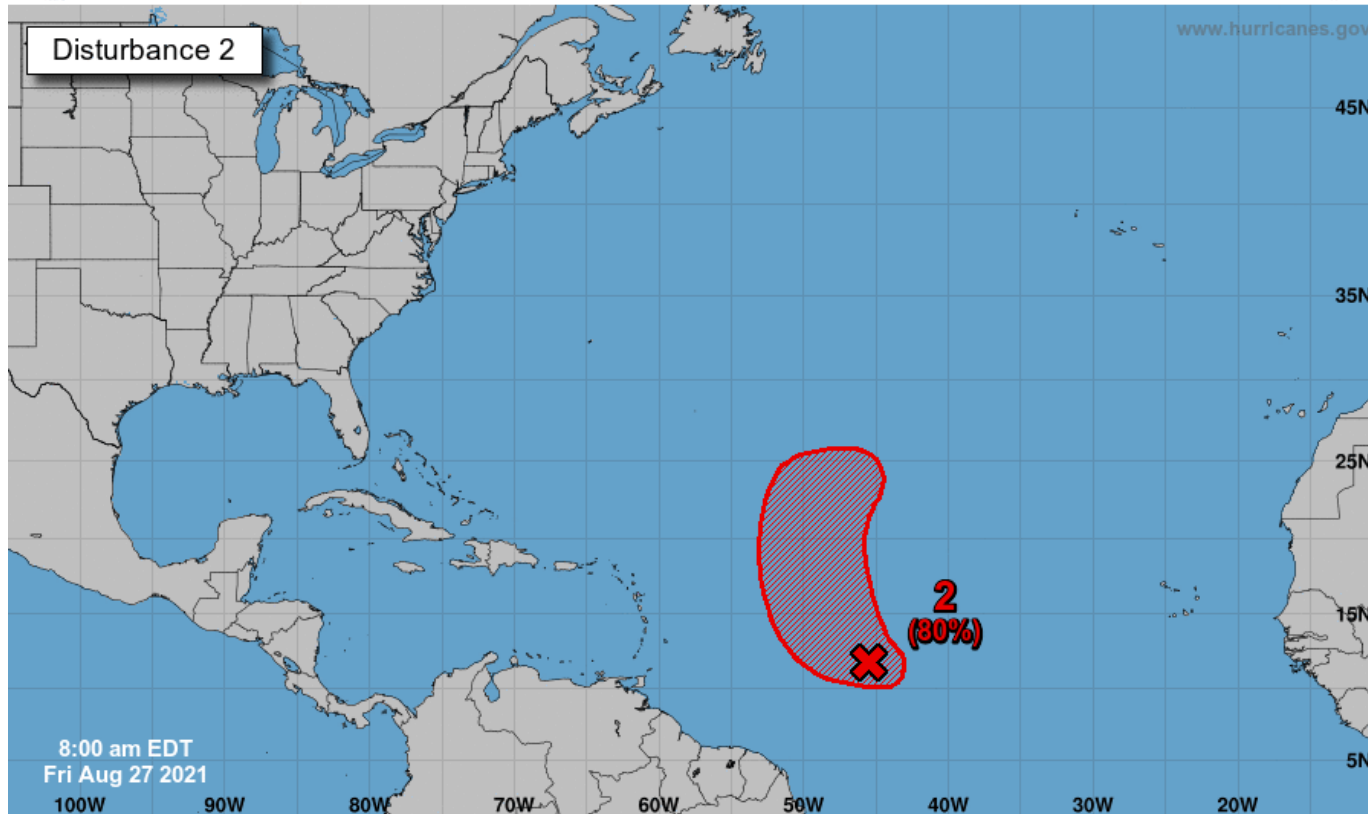
Tropical Weather Outlook

Possible Areas of Development During the Next 5 Days ([LINK](#)) – Invest 98L



Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



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

A tropical wave located about midway between the Cabo Verde Islands and the Lesser Antilles is producing limited showers and thunderstorms. Gradual development of this system is expected, however, and a tropical depression is likely to form during the next couple of days before it moves into an environment of stronger upper-level winds and slightly cooler waters. The disturbance is forecast to move west-northwestward today, then turn northward Saturday.

This system poses no threat to Florida over the next 7 days and does not need to be monitored at this time.

***Formation chance through 48 hrs...high...70%**
***Formation chance through 5 days...high...80%**



Overall Summary

Tropical Storm Ida:

- Tropical Depression #9 was upgraded to Tropical Storm Ida at 5:20pm ET Thursday.
- At 8AM ET Friday, Tropical Storm Ida was located in the northwestern Caribbean Sea 75 miles NNW of Grand Cayman Island, or about 295 miles South of Key West, Florida, and moving to the northwest around 15 mph.
- T.S. Ida currently has maximum sustained winds of 60 mph. Steady strengthening is forecast today, followed by a strong potential for rapid intensification as Ida travels through the southeastern and central Gulf of Mexico on Saturday. With very conducive atmospheric and oceanic conditions in place, Ida is likely to be near or at major hurricane strength (Category 3 or higher) when it approaches the U.S. Gulf Coast.
- The National Hurricane Center forecast track predicts Ida will move over western Cuba today, into the southeastern and central Gulf of Mexico Friday night and Saturday, and make landfall on Sunday in southeastern Louisiana.

Bermuda Tropical Low (Invest 97L):

- Invest 97L located about 600 miles east of Bermuda has a medium chance (60%) of becoming a tropical depression this weekend while moving eastward in the open Atlantic.

Central Atlantic Tropical Wave (Invest 98L):

- Invest 98L located about 1,050 miles east of the Windward Island has a high chance (80%) of development within the next couple of days before it moves into an environment of stronger upper-level winds and slightly cooler waters. The disturbance is forecast to move west-northwestward today, then turn northward Saturday.

Florida Outlook:

- Invest 97L & 98L do not pose a threat to Florida.
- There are currently no tropical storm or surge watches or warnings for Florida, but breezy winds and a chance for near tropical storm force gusts are possible on Sunday in the western Panhandle.
- High waves and ocean swells in the Gulf of Mexico will result in a high threat for rip currents along much of the Florida Gulf Coast this weekend.
- Along the Panhandle and Big Bend, expect rainfall amounts of 2-4" with localized totals of up to 6-8" possible, especially in the western Panhandle. Given saturated conditions across North Florida, there is a potential for flash flooding on Sunday, mainly west of US-231.
- Any potential for isolated tornadoes in the Florida Panhandle will become more confident on Saturday.
- The next names on the list are Julian (*JOO-lee-uhn*), and Kate.

The next briefing packet will be issued on Friday evening. For the latest information, 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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