



TROPICAL UPDATE



5:00 PM EDT

Sunday, August 29, 2021

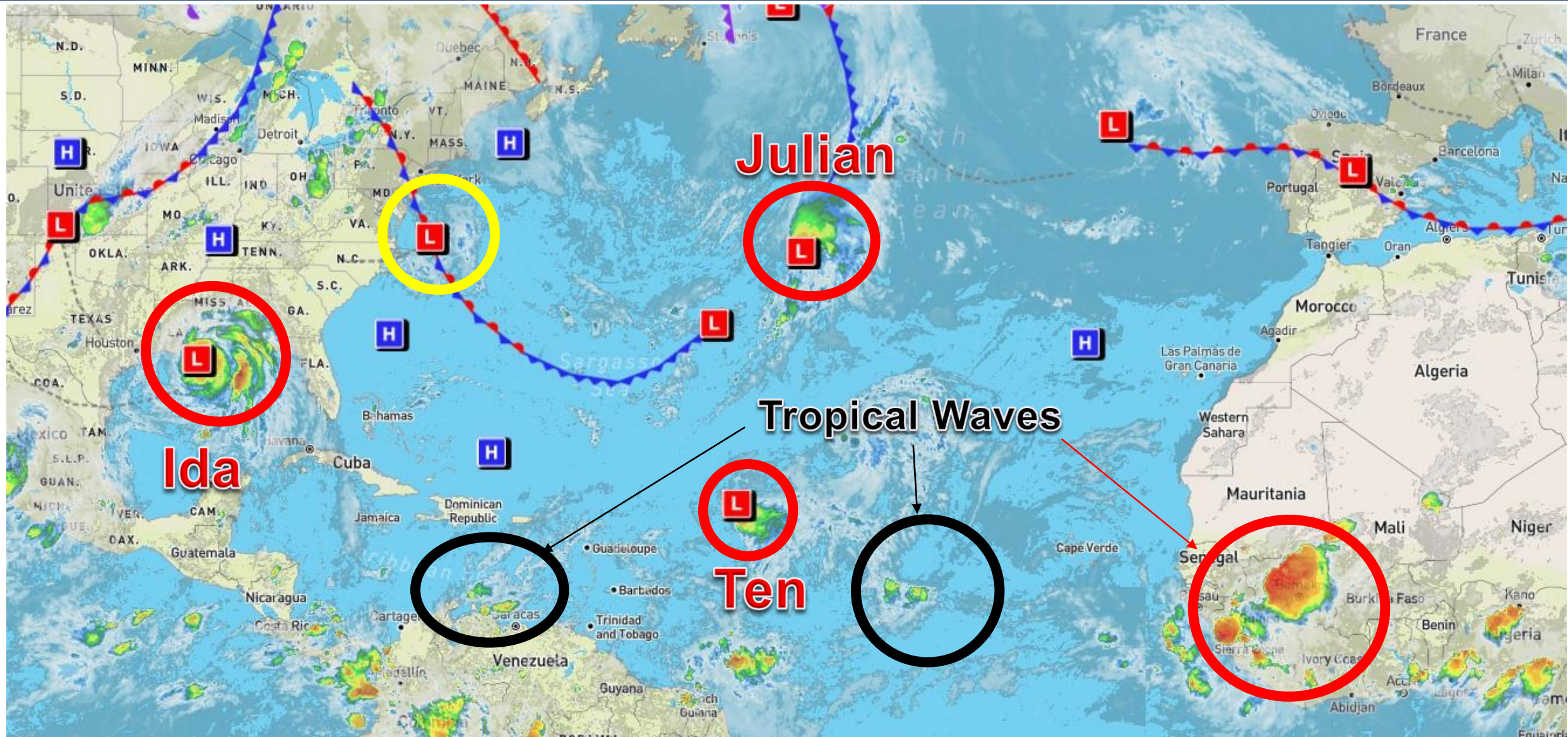
Major Hurricane Ida, Tropical Storm Julian,
Tropical Depression Ten, the Next Tropical
Wave (80%), & Mid-Atlantic Low (10%)

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.



Atlantic Basin Satellite Image

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

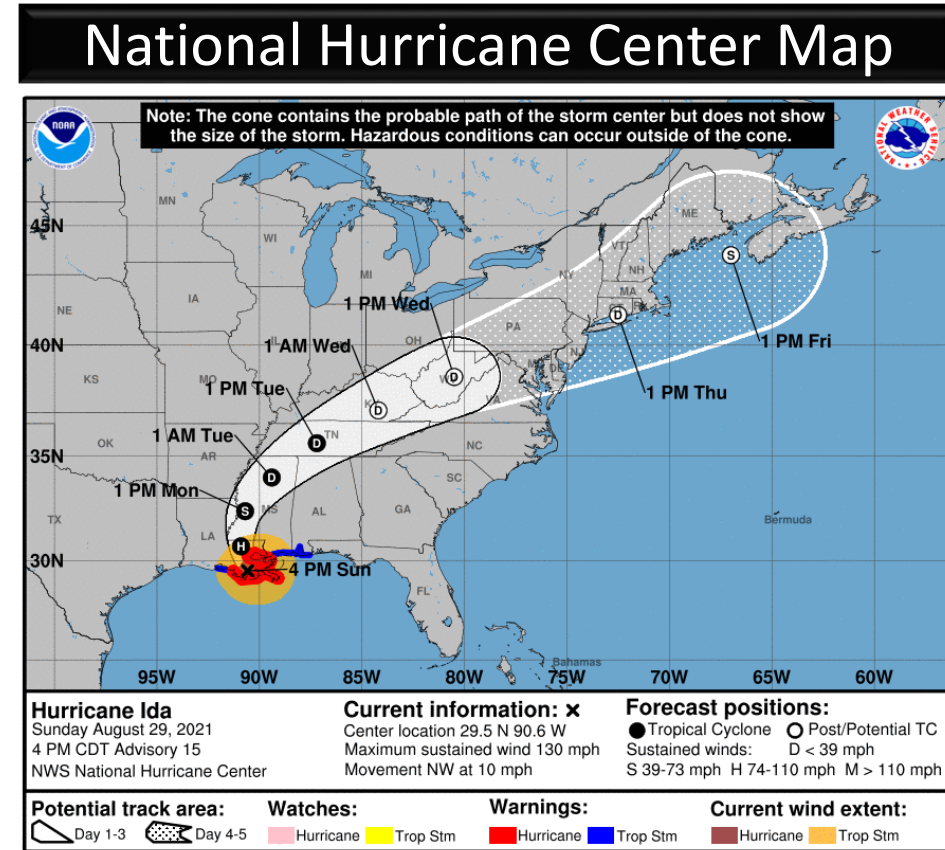




Hurricane Ida

8 AM ET Sunday: Florida Threats & Changes Since Last Packet

	MINIMAL	Low	MODERATE	HIGH	EXTREME
WINDS					
STORM SURGE					
FLASH FLOODING					
TORNADOES					
	Low		MODERATE		HIGH
RIP CURRENTS					



Overview/Recent Changes:

Weather Prediction Center increases the Flash Flood Threat for Pensacola tomorrow!

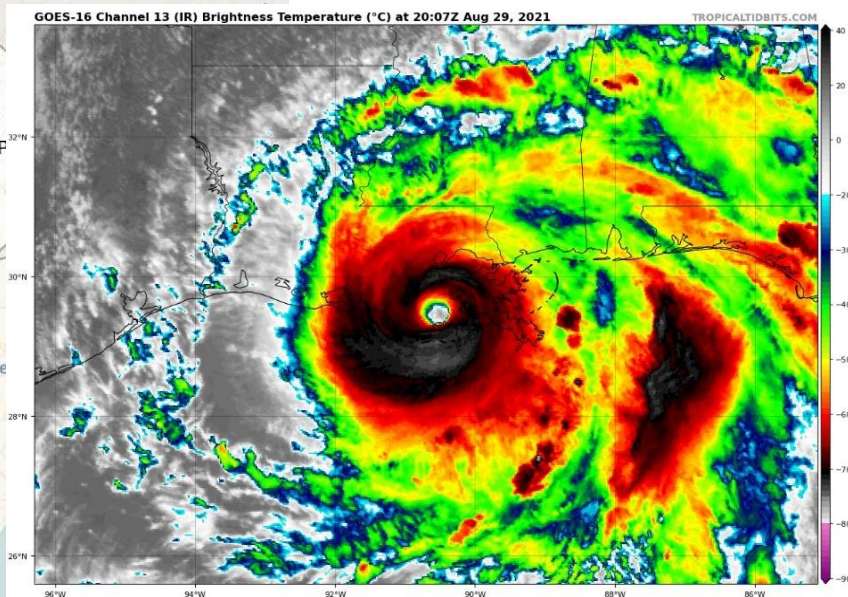
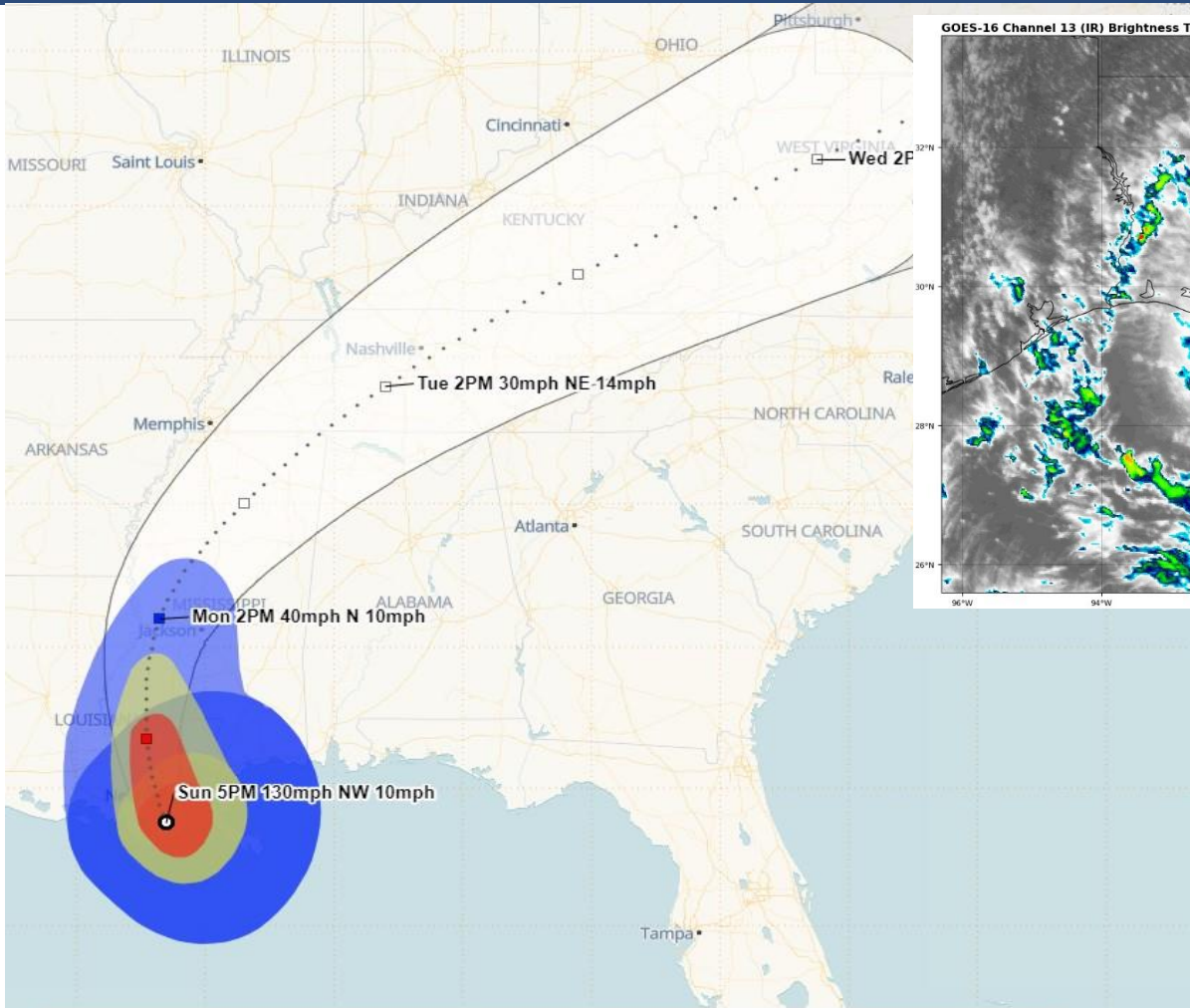
Ida made landfall around 1 PM ET in southeastern Louisiana as a Category 4 hurricane.

There have been no changes to the watches or warnings in effect for Florida. Outer rain bands will continue to move through the Panhandle tonight and on Monday with a flood and tornado threat.



Official Forecast Track

From the National Hurricane Center



- **Location:** 45 miles southwest of New Orleans, LA; 215 miles southwest of Pensacola, Florida.
- **Maximum sustained winds:** 130 mph (Category 4).
- **Movement:** NW at 10 mph, and this general motion should continue over the next 12 hours, followed by a turn to the north and northeast on Monday.
- **Forecast:** Ida is forecast to gradually weaken as it moves inland, but is likely to remain hurricane intensity for the next 12-24 hours.
- Ida made landfall at 12:55 PM ET at Port Fourchon, LA (near Grand Isle) as a Category 4 hurricane with maximum sustained winds of 150 mph.

HURRICANE IDA - Sunday, August 29, 2021 5PM EDT Advisory #15

Center Location: 29.5 N 90.6 W Maximum Sustained Winds: 130 mph (Cat 4) Movement: 10 mph NW

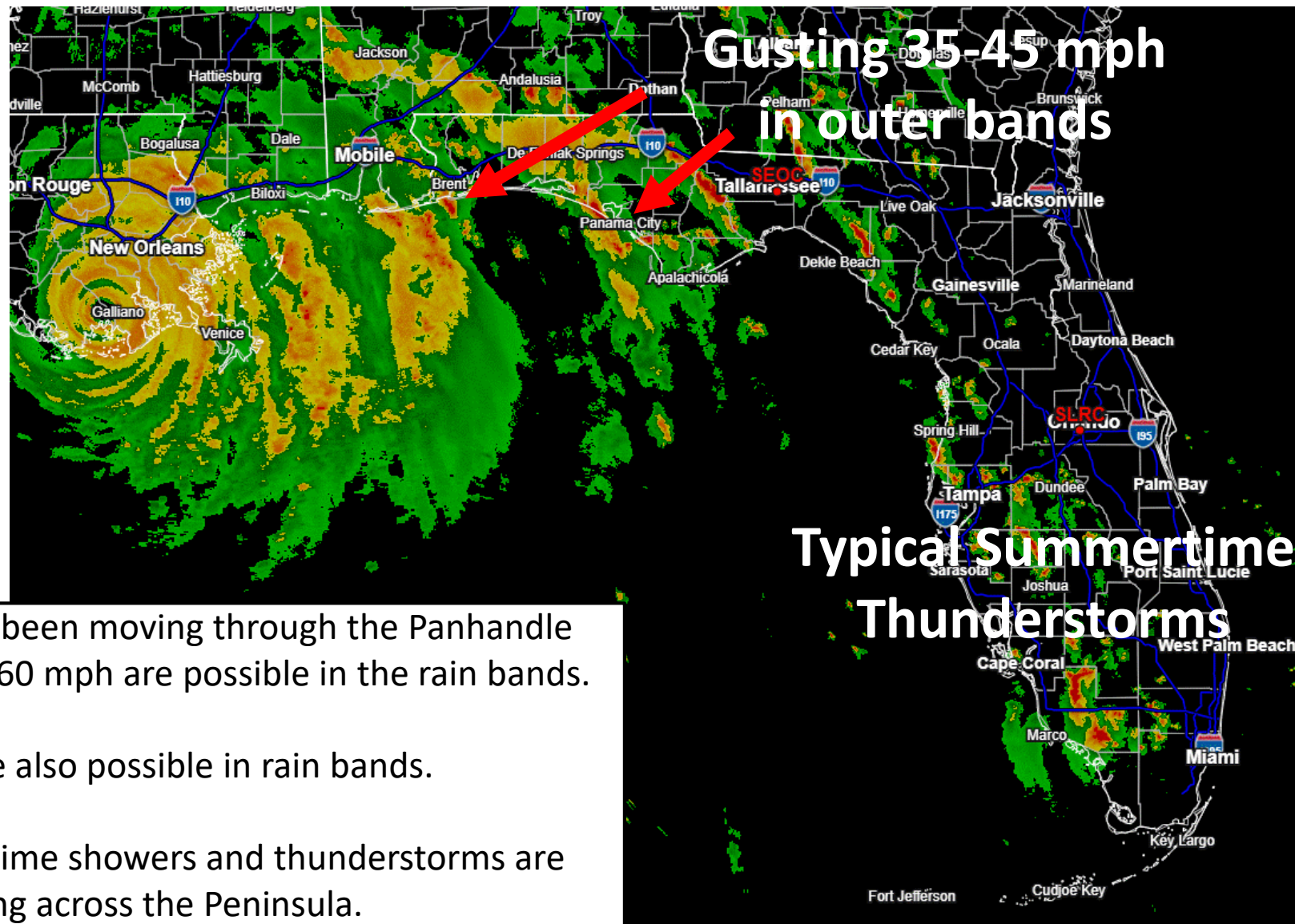
Potential Track Area: 1-3 day 4-5 day Wind Field: along 3-day forecast track at current location

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



Current Florida Radar

As of 4:30 PM ET



Outer rain bands have been moving through the Panhandle today. Peak gusts of 40-60 mph are possible in the rain bands.

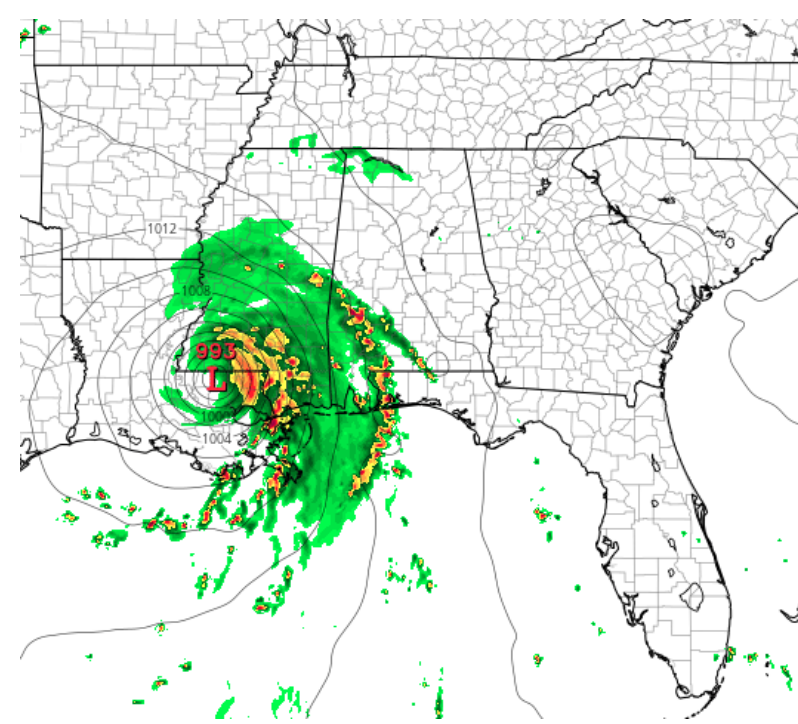
Tornadoes are also possible in rain bands.

More typical summertime showers and thunderstorms are developing across the Peninsula.

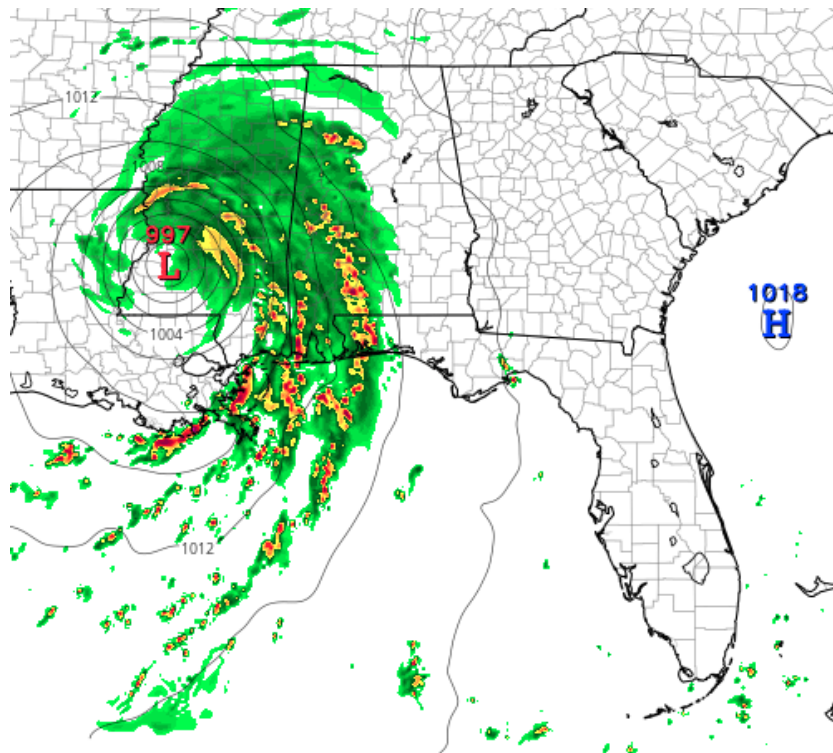


Model Forecast Radar

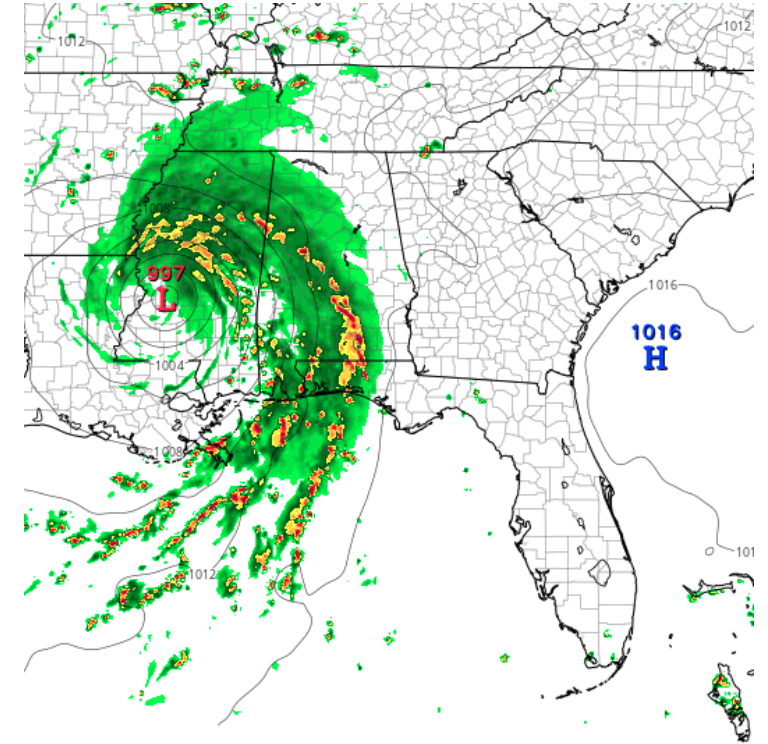
*****Only Model Guidance – Time & Position Will Vary*****



Around Midnight Tonight



Sunrise Monday



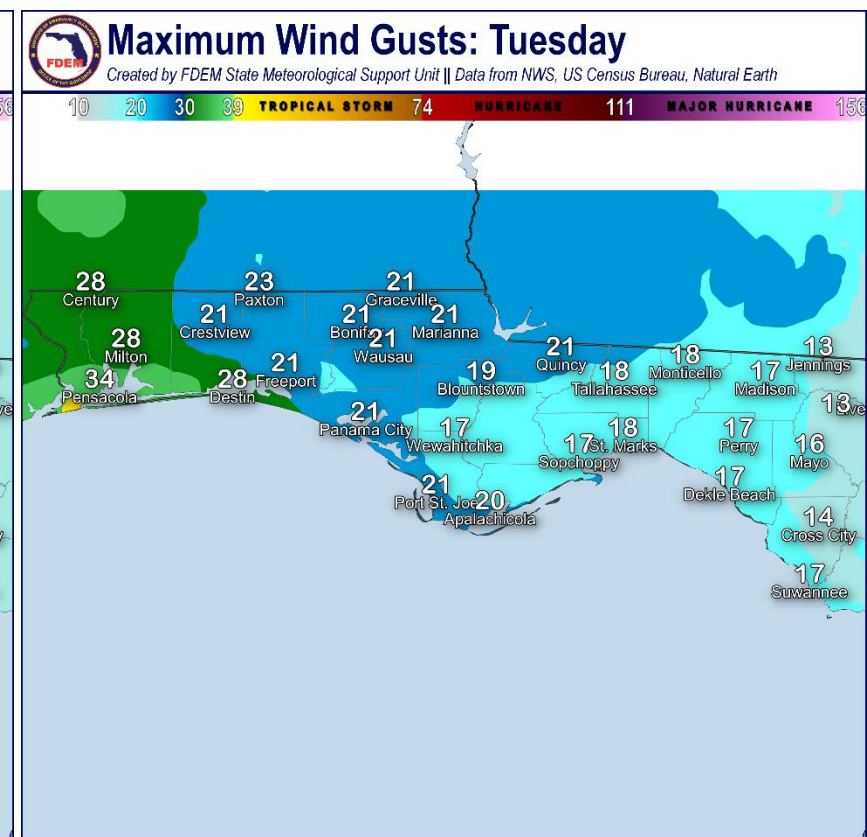
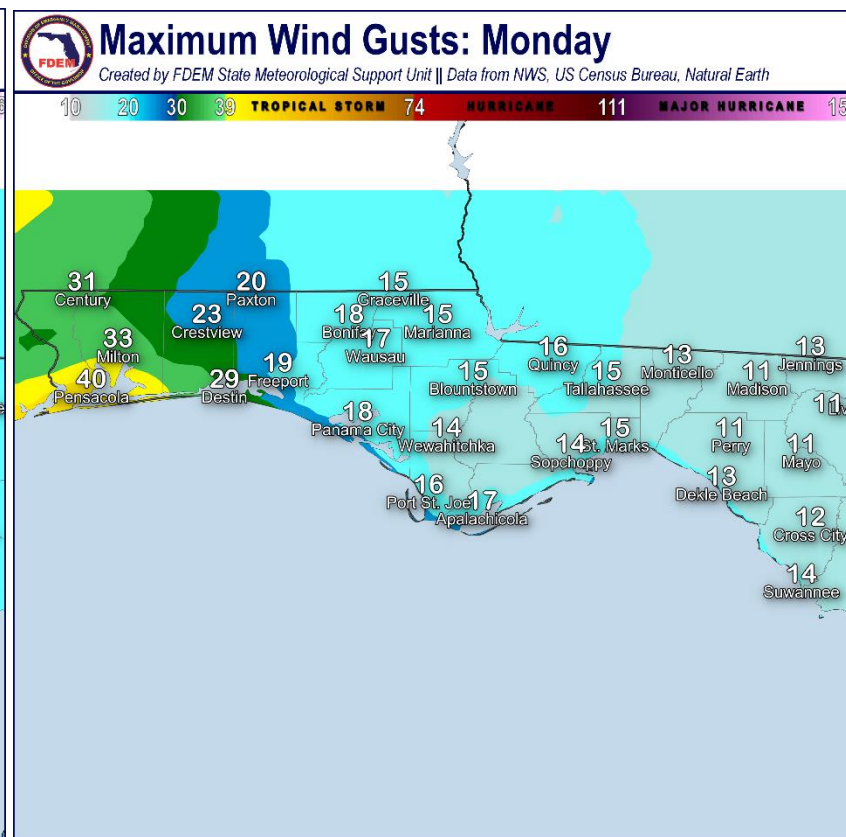
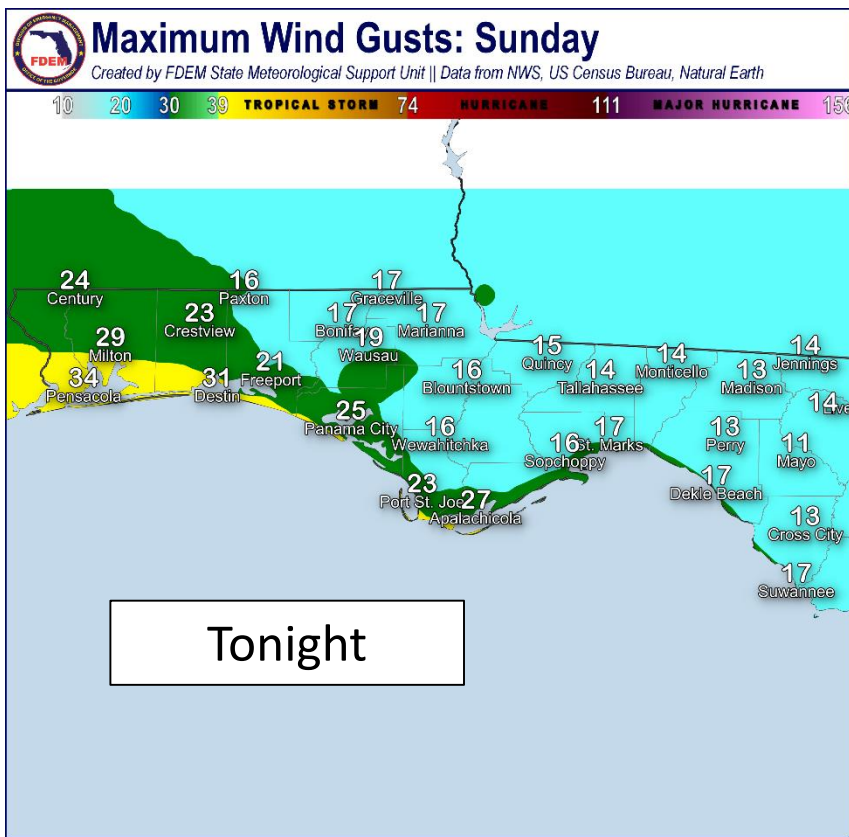
Mid-Day Monday

Rain bands will arrive throughout the night and continue Monday in the western Panhandle. Isolated tornadoes are possible and if rain bands train over the same area, flash flooding could result. Note how during the next 24 hours rain bands continue over the Pensacola area.



NWS Forecast Wind Gusts

Exact wind gusts will vary in time, magnitude, and location



Gusty winds will continue across the coast of the Panhandle. Higher values of 45-60 mph are possible in heavy rainfall! Gusty winds will continue into the day on Monday & Tuesday.

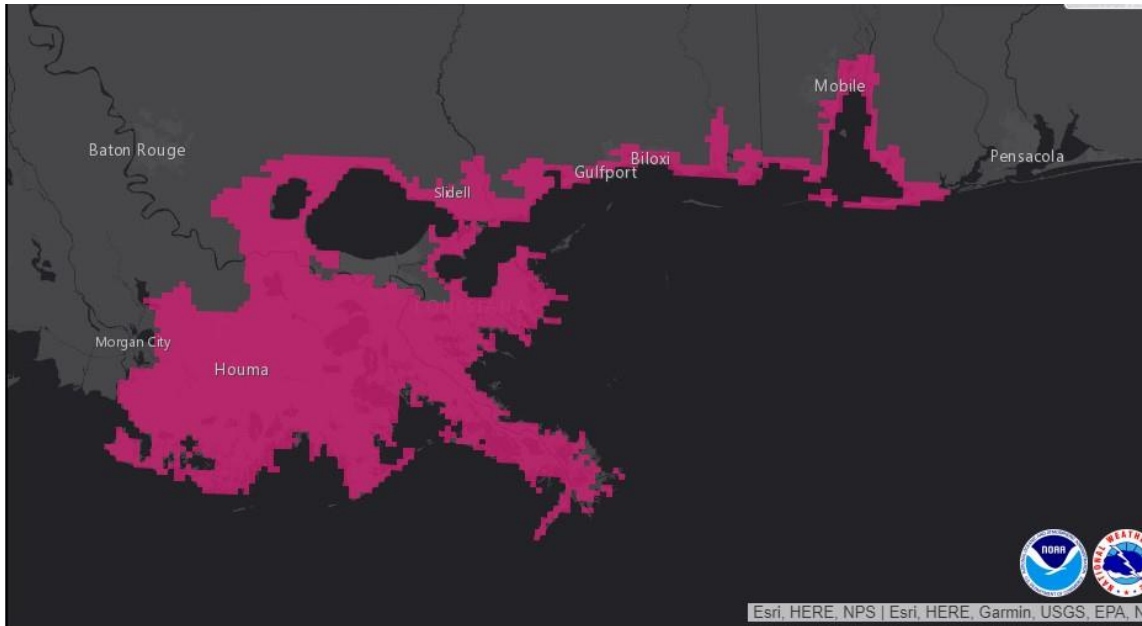


Storm Surge Forecast

Hurricane Ida

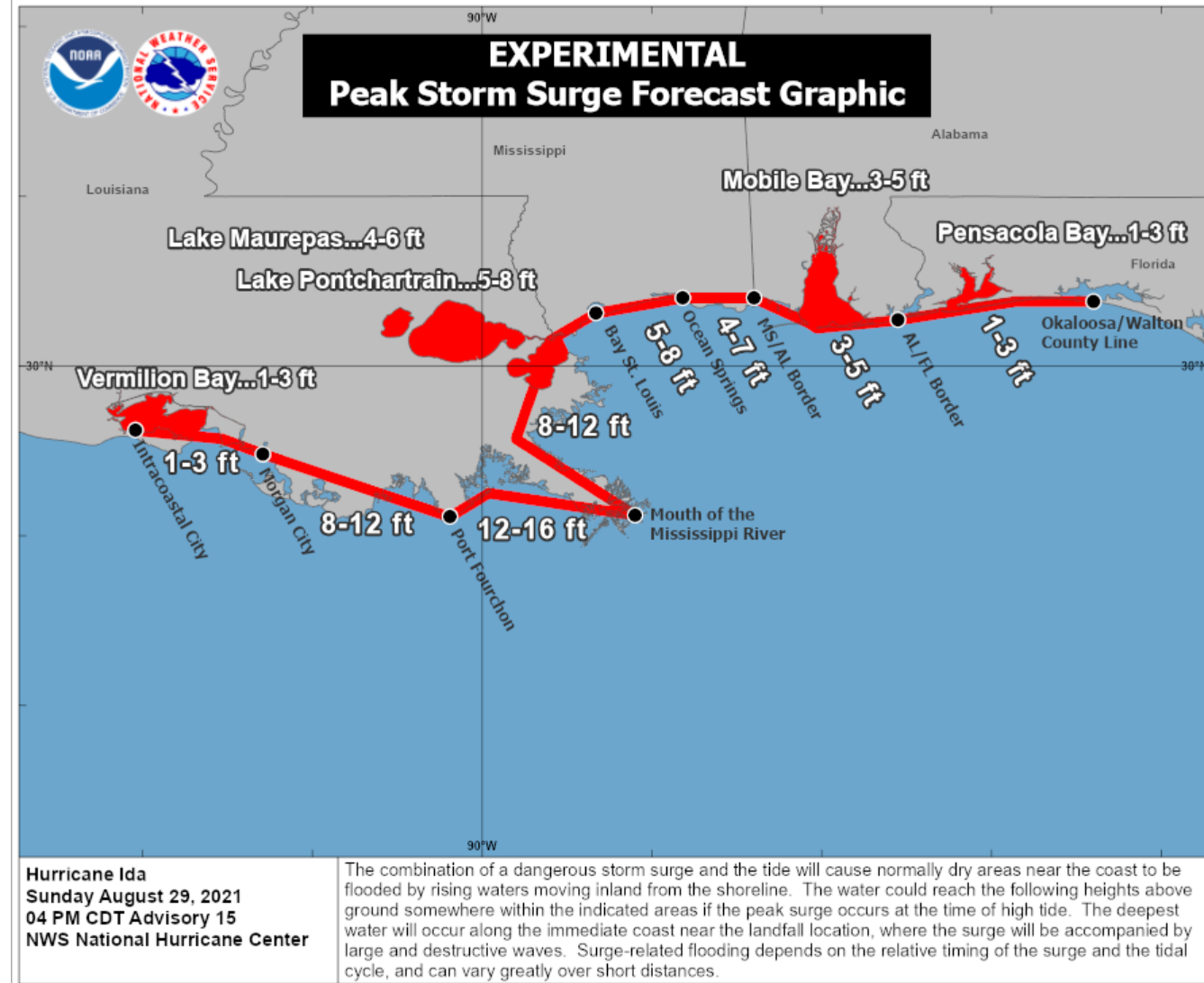
Significant Storm Surge is expected west of the Florida/Alabama state line, where Storm Surge Warnings are in effect. Storm surge values of 1-3 feet are possible along the Panhandle coast.

*Pensacola tide gauge [Link Here](#)
1-2' is expected as far east as St. Marks and Coastal Flood Advisories are in effect.



0 15 30mi

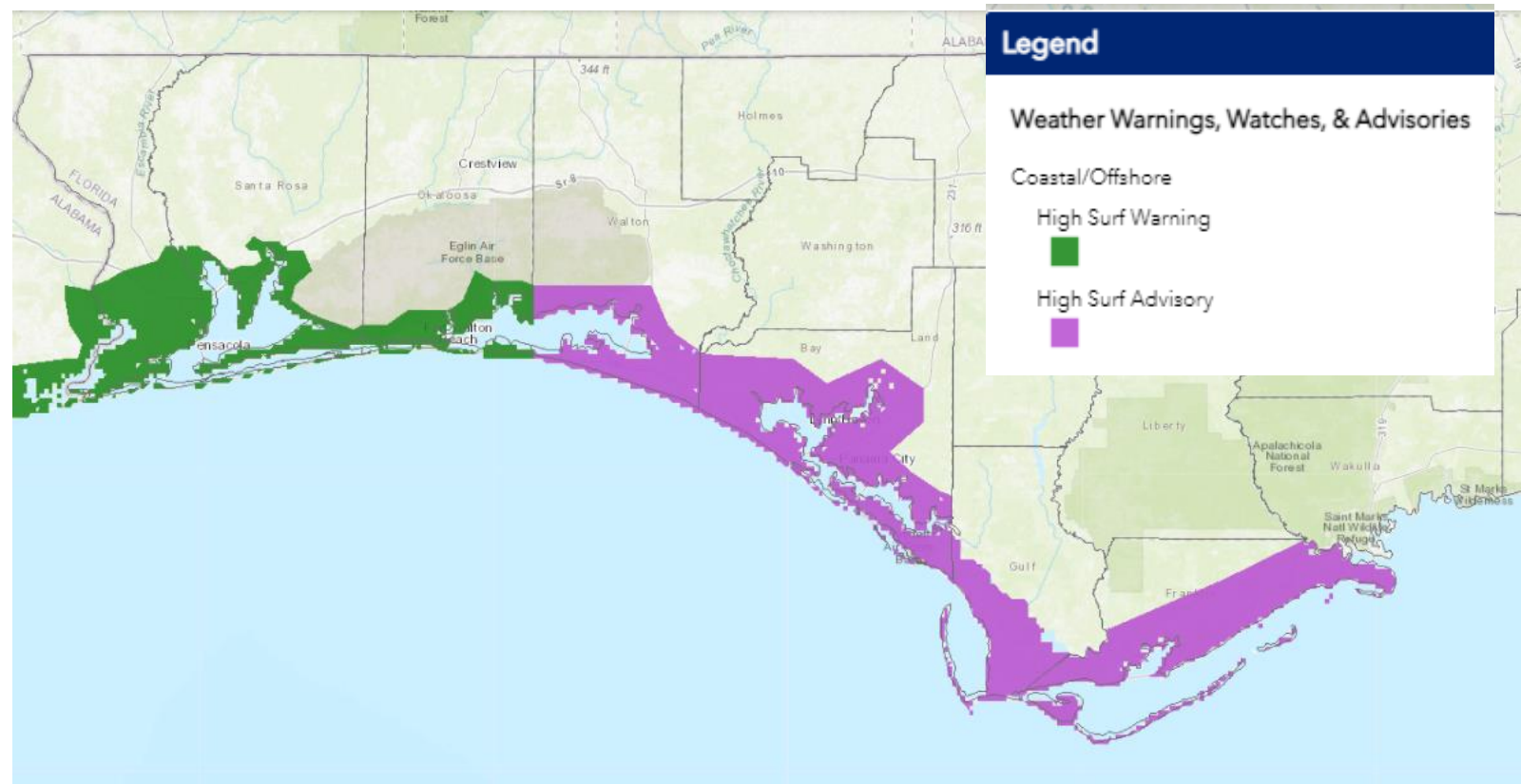
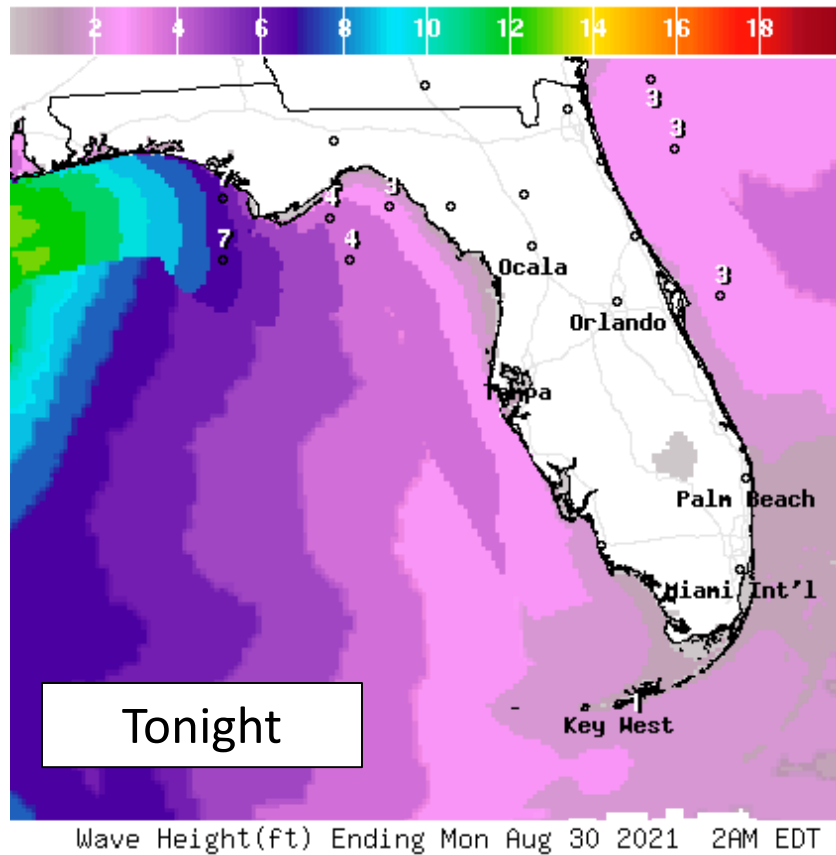
Storm Surge Warning
Storm Surge Watch





Forecast Wave Heights

Sunday



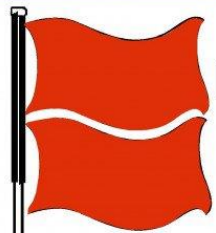
Surf will remain high tonight, with breaking waves up to 7-14' possible in the Panhandle. Wave heights of 4-10' will continue into Monday. This will result in dangerous rip currents at all Gulf Coast beaches. Minor beach erosion is possible in a few locations.



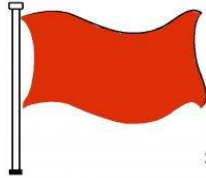
Rip Current Outlook

Today

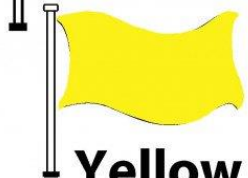
BEACH FLAG WARNING SYSTEM



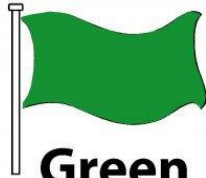
Double Red
Water Closed to
Public Use



Red
High Hazard
(rough conditions,
such as strong surf
and or currents)



Yellow
Medium Hazard
(light surf and or
currents)

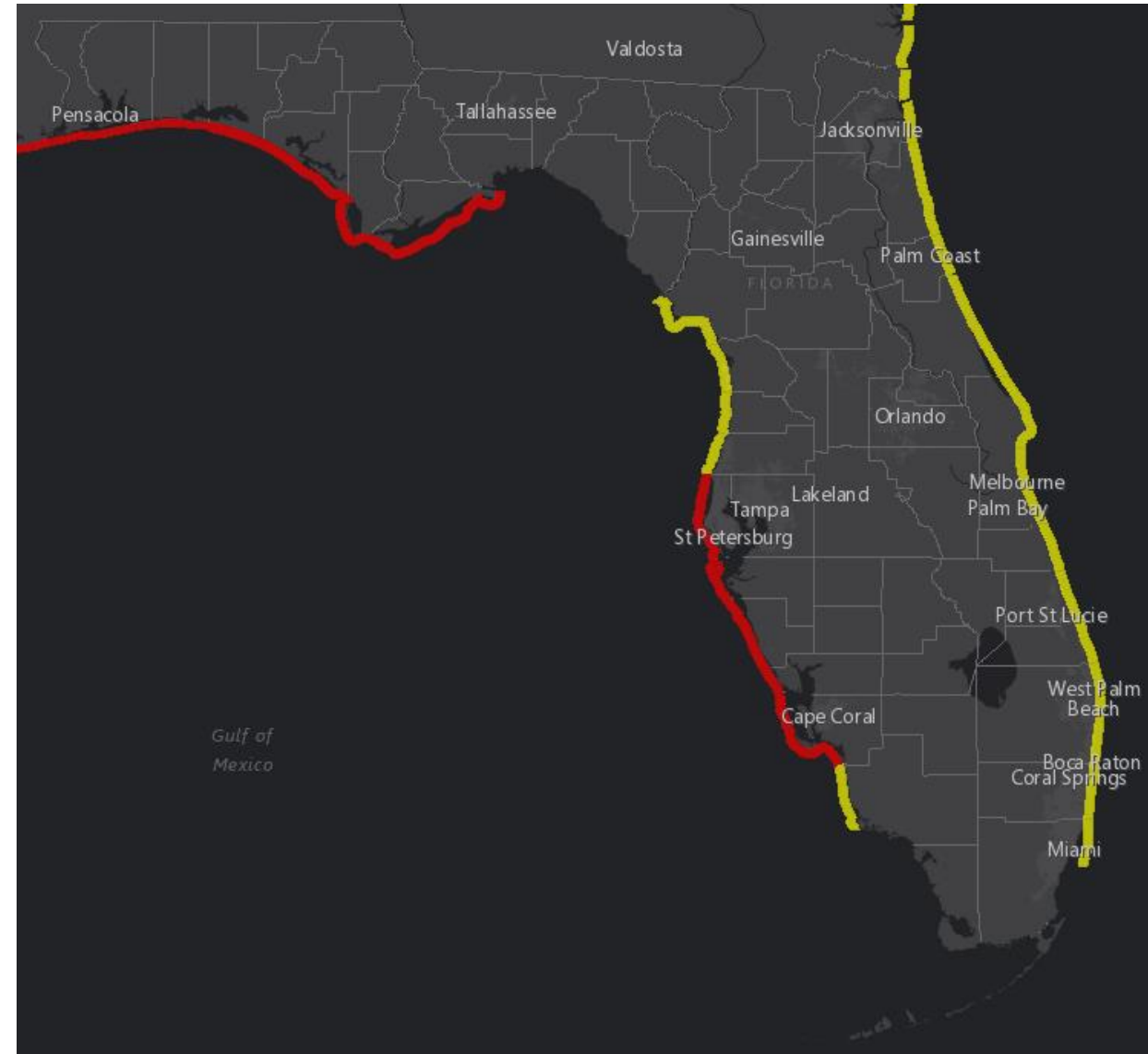


Green
Low Hazard
(calm conditions)



Purple
Marine Pest
(jellyfish, stingrays
& dangerous fish)

A high risk of rip currents is expected at most Gulf Coast beaches today. Many Panhandle beaches have double red flags flying meaning beaches are closed!





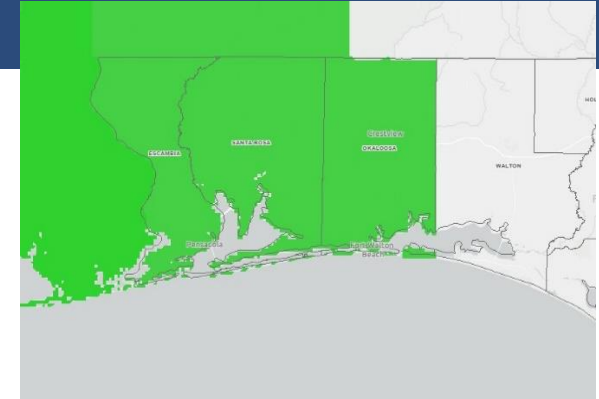
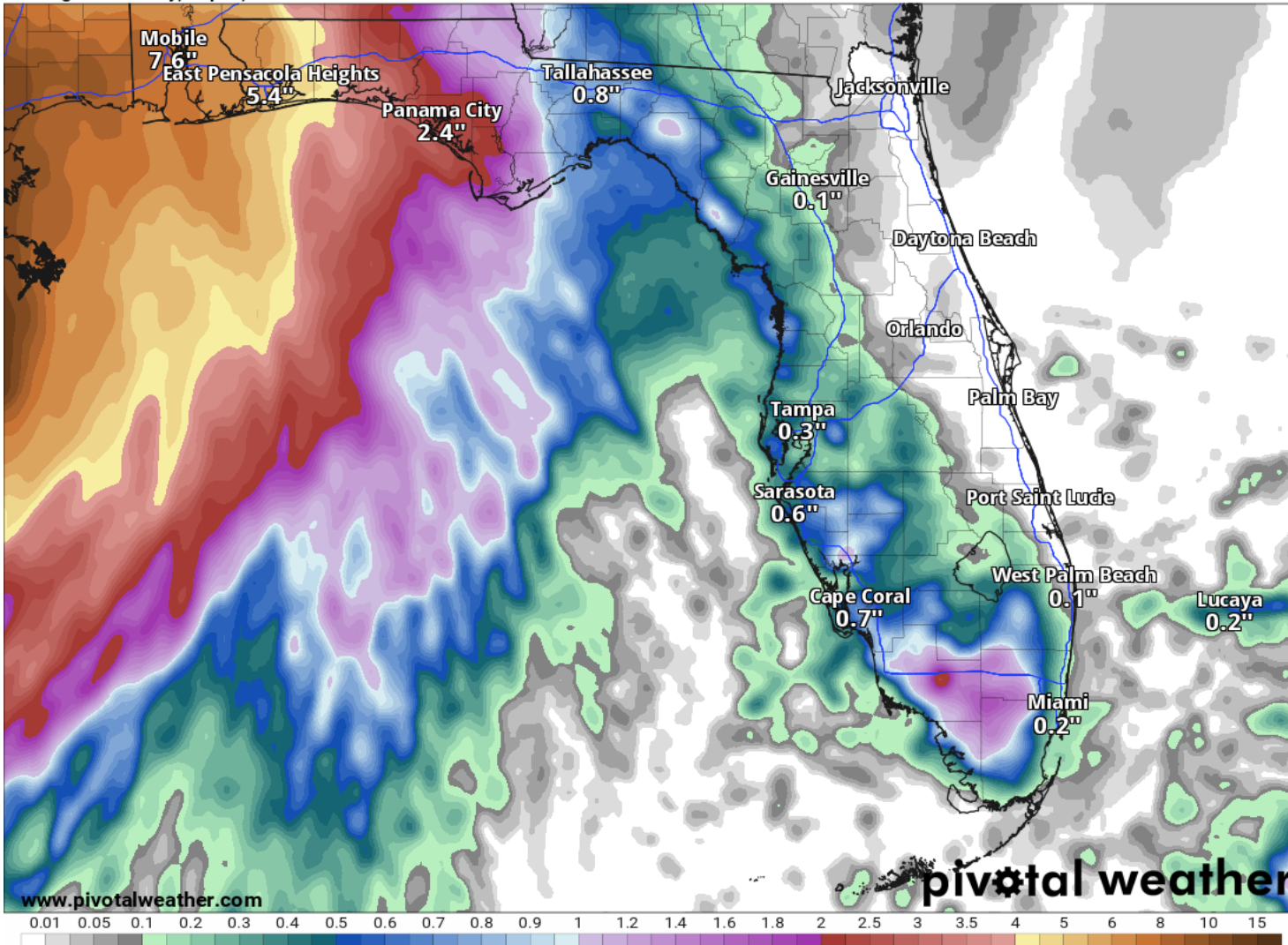
Rainfall Totals Next 5 Days

Ending 8 AM ET Friday

72-Hour Precipitation (in)

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

Init: Sun 2021-08-29 12z WPC



A **Flash Flood Watch** is in effect until Tuesday morning for Escambia, Santa Rosa, & Okaloosa County. **An additional 4-8" rain is expected** with localized totals up to 12".

[\(LINK\)](#)

Along the rest of the Panhandle and Big Bend, expect rainfall amounts of 2-4" with localized totals of up to 6-8" possible.

Only 1-2" of rain is forecast for the West Coast over the next few days.



Flash Flood Risks

From the Weather Prediction Center

Tonight

Monday

Tuesday

MARGINAL (MRGL)	SLIGHT (SLGT)	MODERATE (MDT)	HIGH (HIGH)
Isolated flash floods possible	Scattered flash floods possible	Numerous flash floods likely	Widespread flash floods expected
Localized and primarily affecting places that can experience rapid runoff with heavy rainfall.	Mainly localized. Most vulnerable are urban areas, roads, small streams and washes. Isolated significant flash floods possible.	Numerous flash flooding events with significant events possible. Many streams may flood, potentially affecting larger rivers.	Severe, widespread flash flooding. Areas that don't normally experience flash flooding, could. Lives and property in greater danger.

Risk of rainfall exceeding flash flood guidance within 25 miles of a point to the right of a line

HIGH: > 50%

SLGT: 10%-20%

MDT: 20%-50%

MRGL: 5%-10%

Outer rain bands could train over the same areas on as Ida moves by to the west. This could result in flash flooding and urban street flooding, especially in Pensacola.

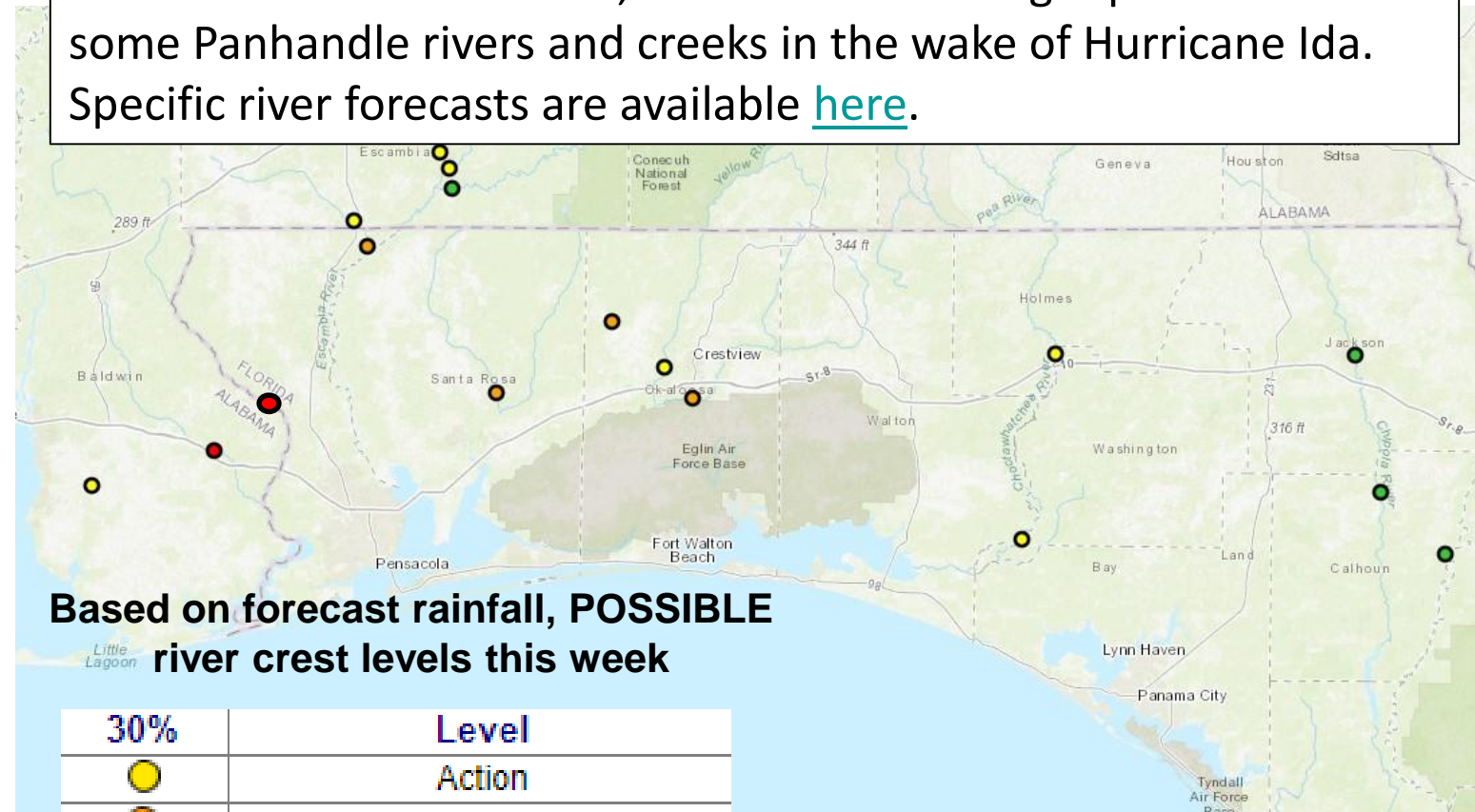
The flood threat has increased to **Moderate** (level 3 of 4) on the Weather Prediction Center's scale. On Tuesday, even with Ida well to the north, trailing rain bands will continue to pose a flood threat across the Panhandle and western Big Bend.








Possible River Flooding

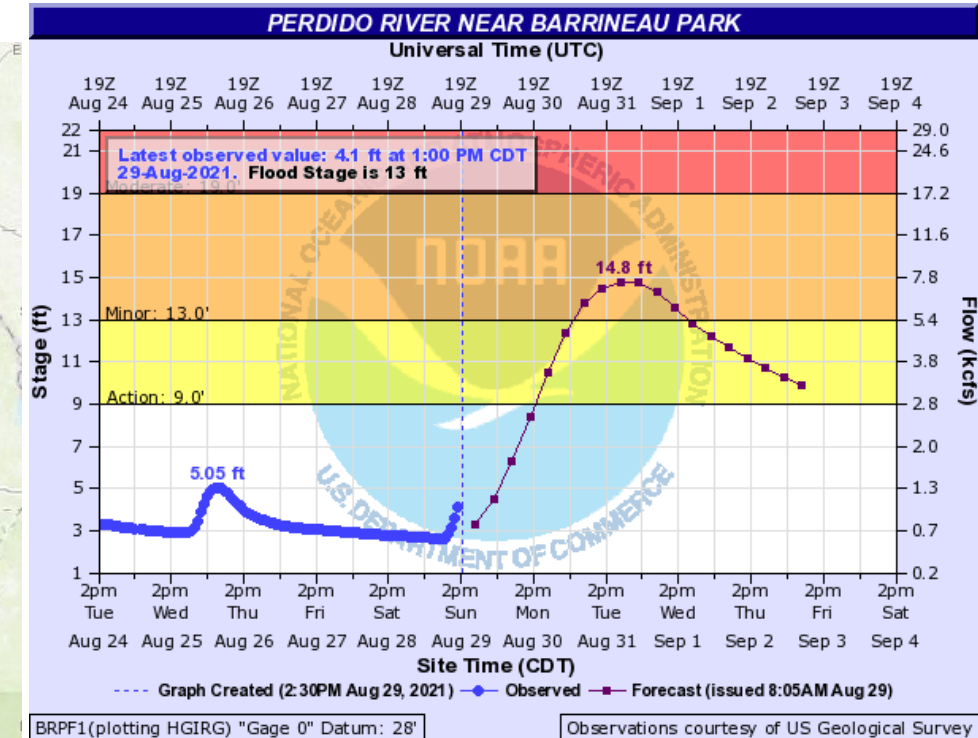
Chance of River Flooding Based on Range of Forecasted Rainfall

Based on current forecasts, minor river flooding is possible on some Panhandle rivers and creeks in the wake of Hurricane Ida. Specific river forecasts are available [here](#).



Based on forecast rainfall, **POSSIBLE** river crest levels this week

30%	Level
	Action
	Minor Flood
	Moderate Flood
	Major Flood
	= less than 30% chance of reaching Action

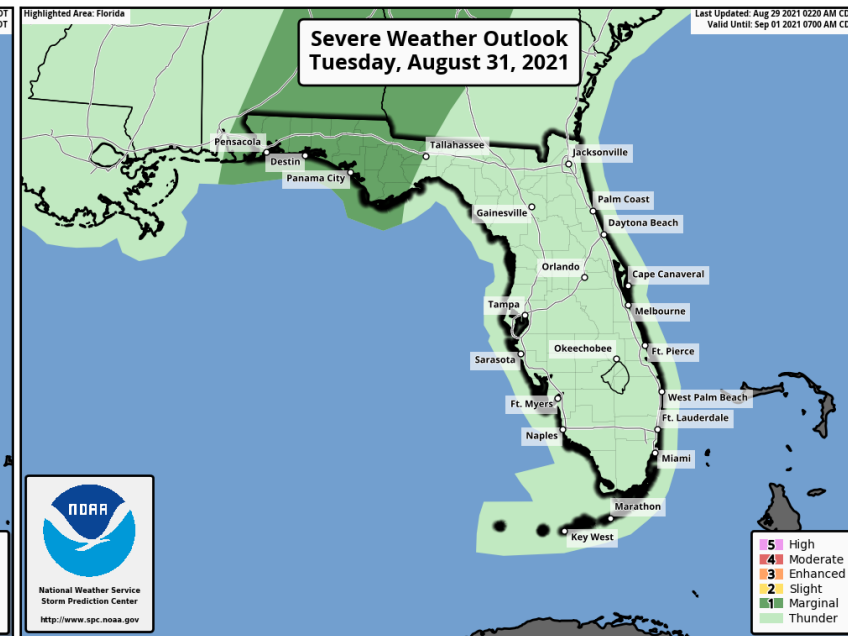
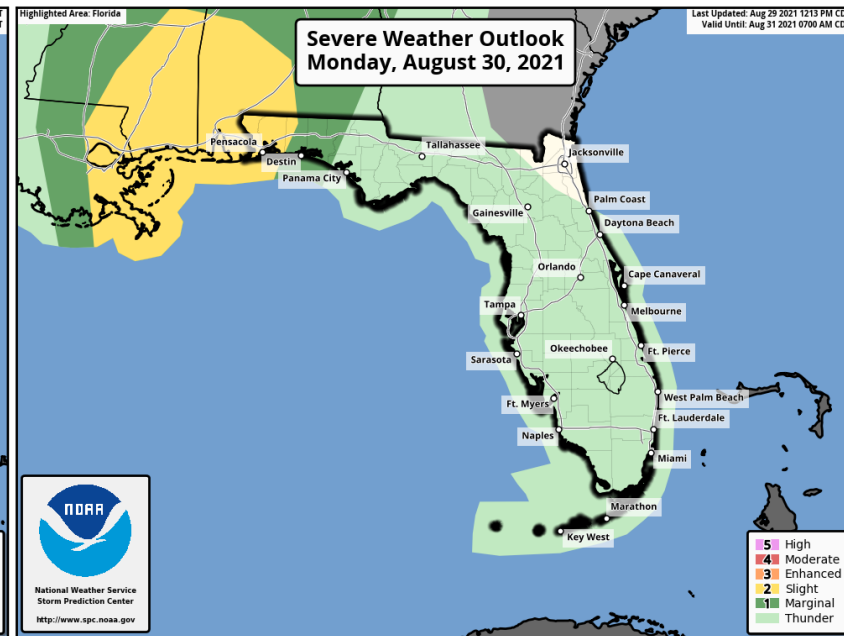
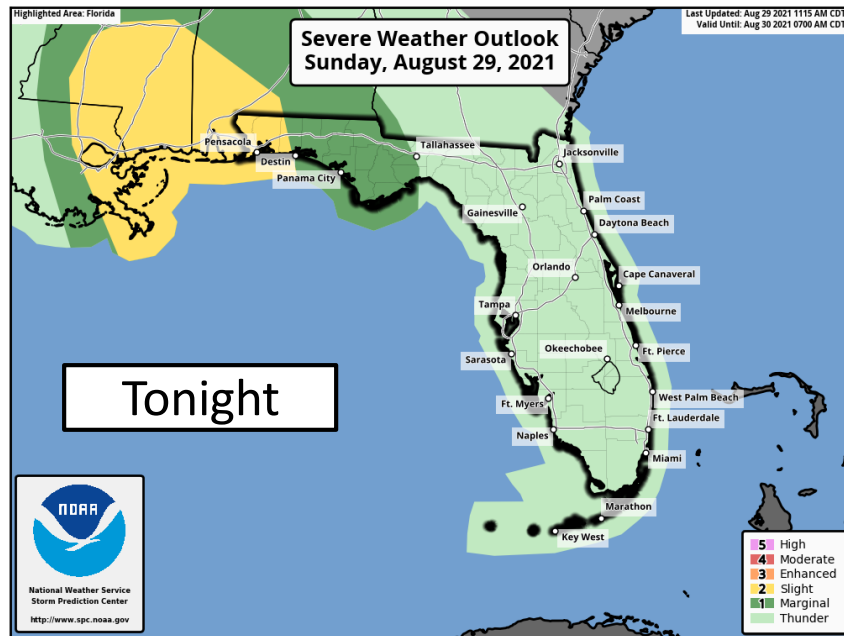


The only River Flood Warning in effect at this time is for the Perdido River near Barrineau Park in Escambia County. Impact statements can be found [here](#).



Severe Weather Outlooks

From the Storm Prediction Center



Outer rain bands from Ida may result in a few tornadoes across the Panhandle tonight through the day on Tuesday. The greatest threat is expected to be in the western Panhandle tonight and Monday.

Understanding Severe Thunderstorm Risk Categories

THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
No severe* thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible	Widespread severe storms likely	Widespread severe storms expected
Lightning/flooding threats exist with <u>all</u> thunderstorms	Limited in duration and/or coverage and/or intensity	Short-lived and/or not widespread, isolated intense storms possible	More persistent and/or widespread, a few intense	Long-lived, widespread and intense	Long-lived, very widespread and particularly intense

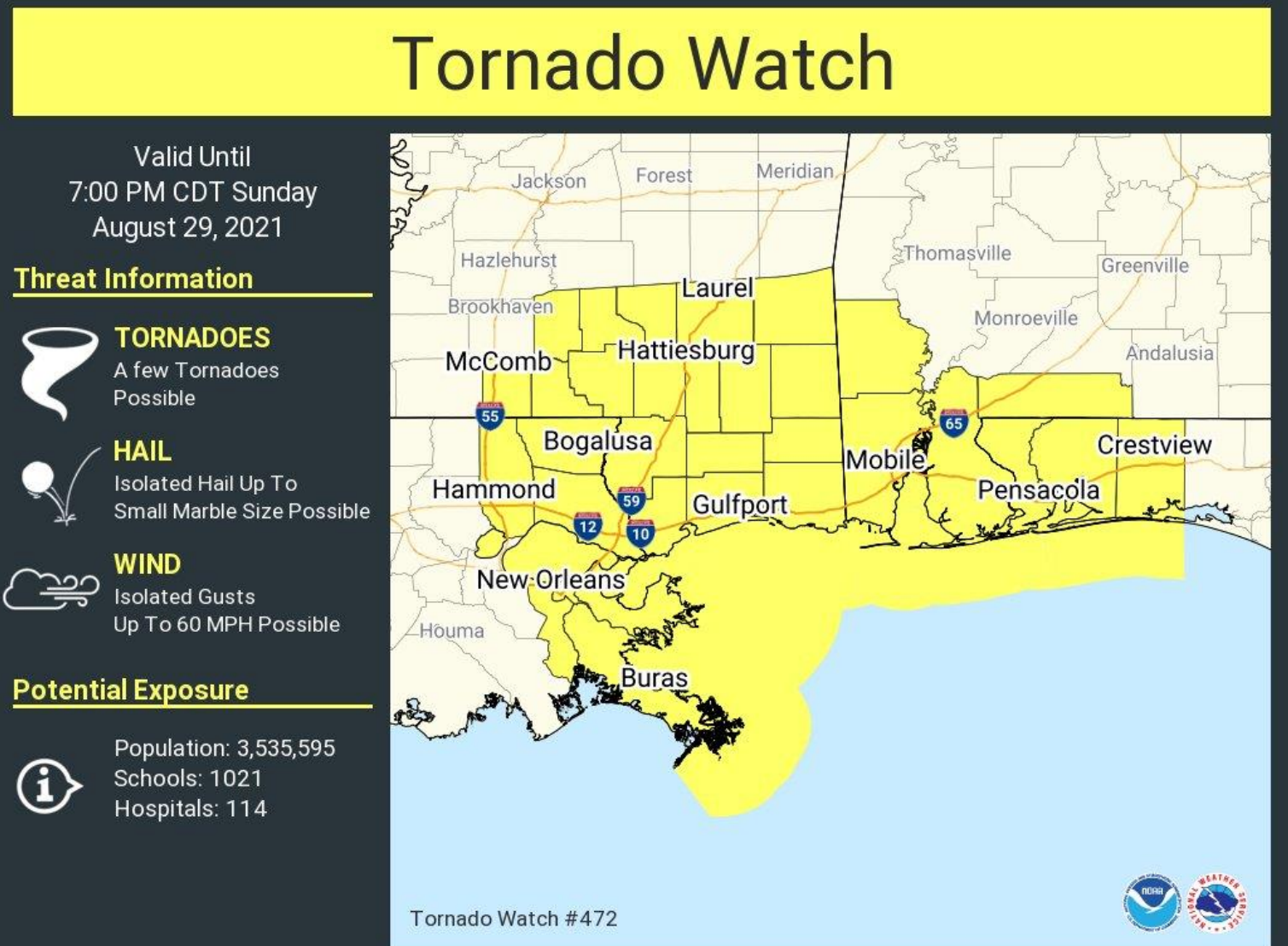


Tornado Watch

From the Storm Prediction Center

Includes Escambia, Santa Rosa, and Okaloosa County until 7 PM CT.

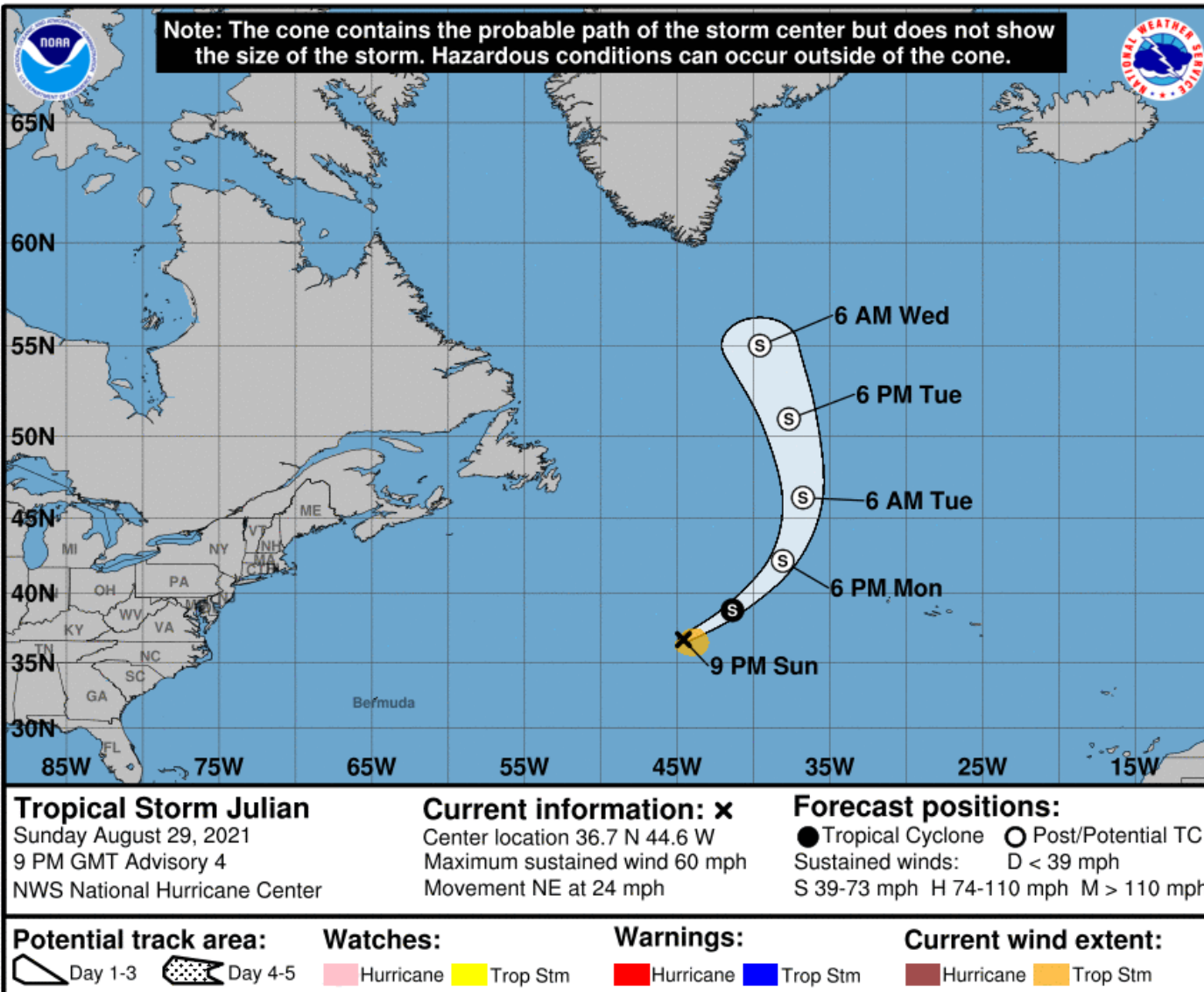
An additional tornado watch is likely to be issued tonight after this watch expires.





Official Forecast Track

From the National Hurricane Center – Julian

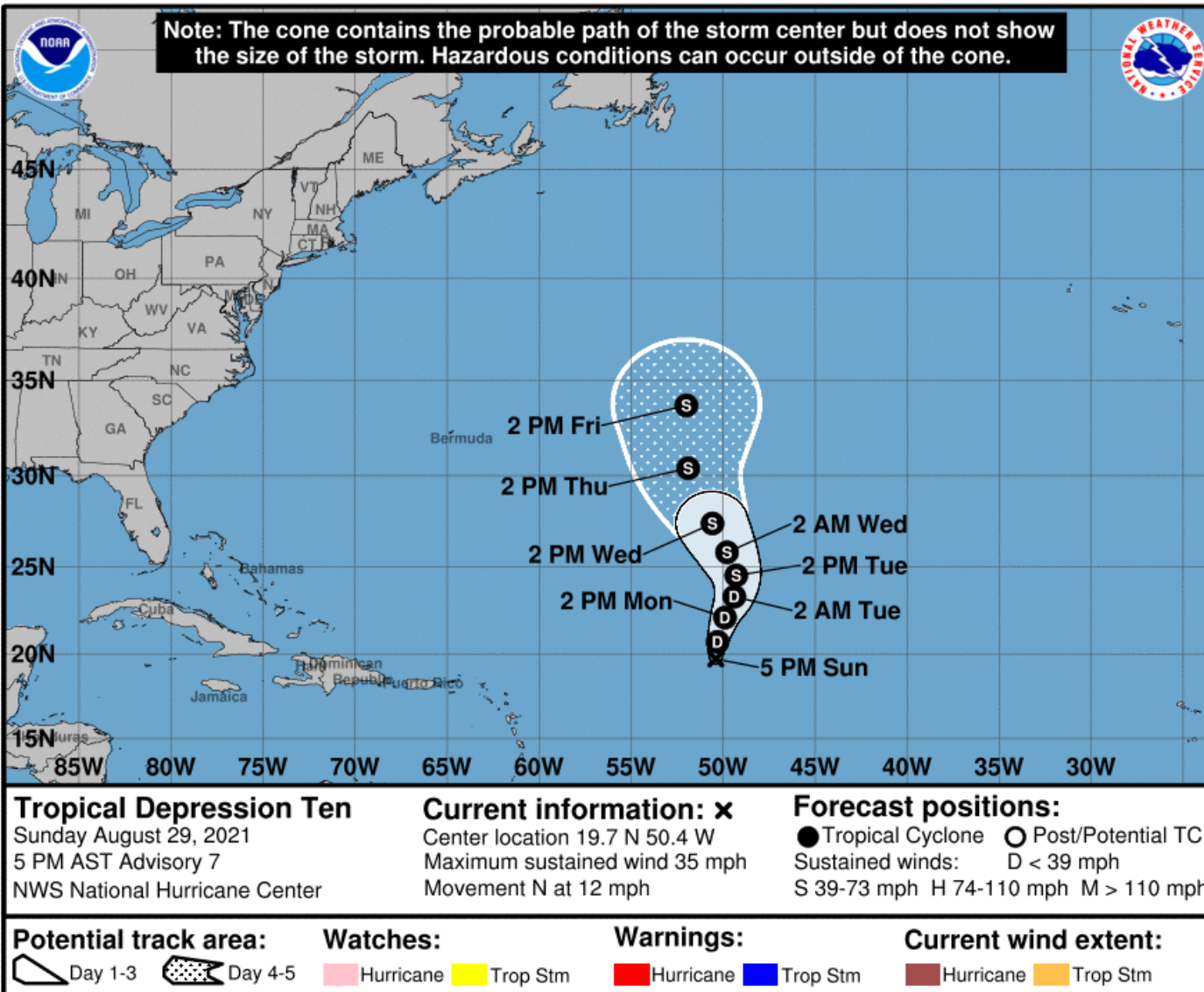


- Tropical Depression Eleven strengthened today into Tropical Storm Julian.
- The center of Julian is located about 1,200 miles east-northeast of Bermuda.
- Maximum sustained winds are at 60 mph.
- Julian is moving northeast at 24 mph, and this general motion will continue over the next 24 hours before it turns northward over colder water of the Atlantic and becomes non-tropical on Tuesday.
- This system poses no threat to Florida.



Official Forecast Track

From the National Hurricane Center – TD Ten



- Tropical Depression Ten remains weak and disorganized.
- The center of Ten is located about 800 miles east of the Lesser Antilles.
- Maximum sustained winds are at 35 mph.
- Ten is moving north at 12 mph, and this general motion will continue over the next 5 days.
- Ten is forecast to strengthen into a Tropical Storm on Tuesday and could intensify further later in the week.
- This system poses no threat to Florida.

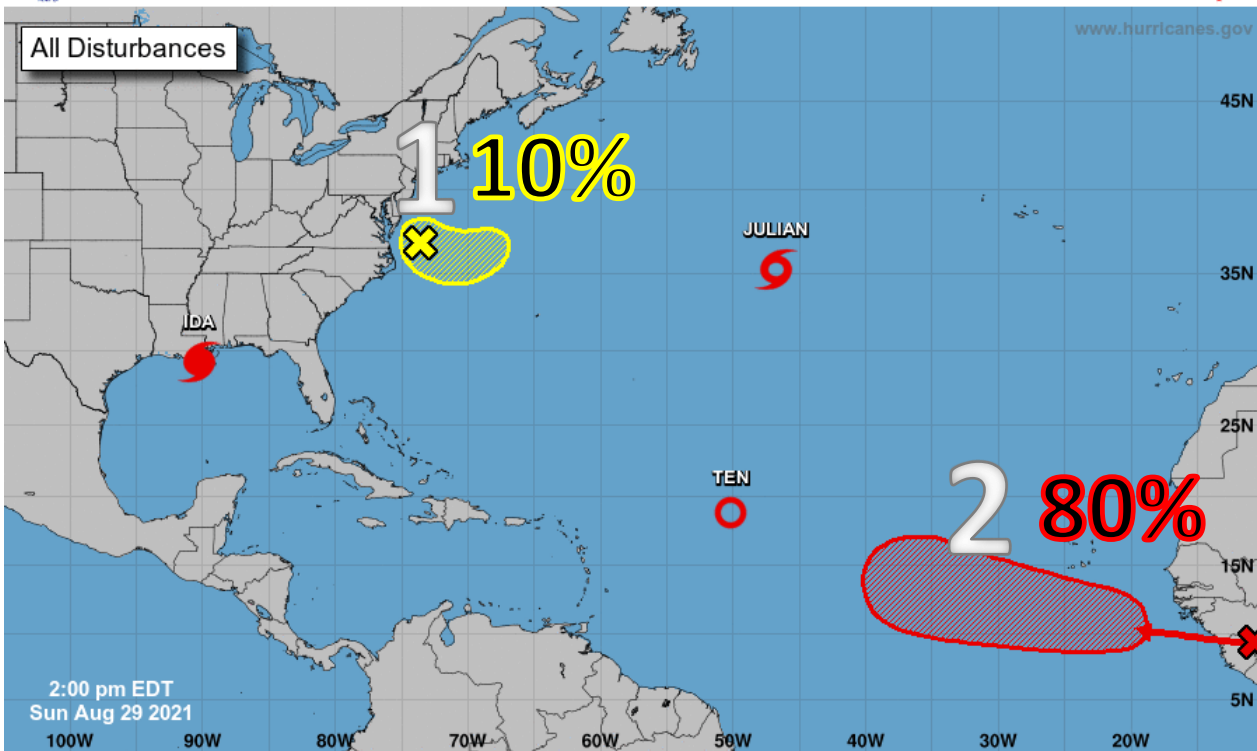


Tropical Weather Outlook

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



Five-Day Graphical Tropical Weather Outlook National Hurricane Center Miami, Florida



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

1. A broad area of low pressure located just east of the Delmarva Peninsula is producing a few disorganized showers and thunderstorms. Upper-level winds are expected to increase over the low on Monday and Tuesday, and any development of this system is expected to be slow to occur while it moves slowly southeastward and then eastward, away from the east coast of the United States.

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

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

2. A tropical wave is expected to emerge off the west coast of Africa by Monday night. Environmental conditions appear conducive for the development of a low pressure area once the wave moves offshore, and a tropical depression is likely to form by the middle or latter part of the week while the system moves west-northwestward at 10 to 15 mph over the eastern tropical Atlantic.

* Formation chance through 48 hours...low...30 percent.

* Formation chance through 5 days...high...80 percent.

These systems pose no threat to Florida over the next 7 days.



Model Forecast Tracks - Thursday

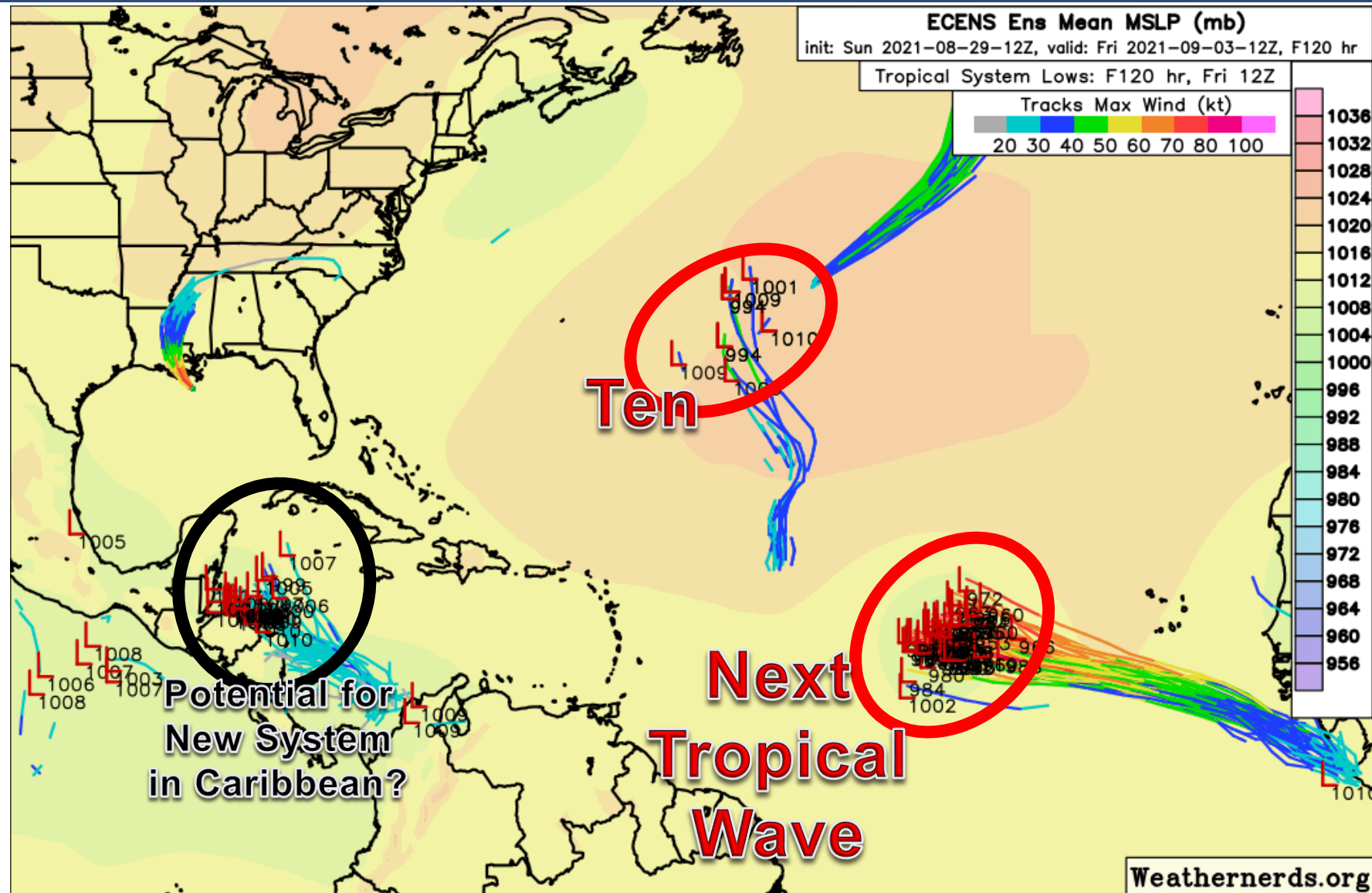
Ensemble Models

Possible locations of all tropical systems on Thursday 9/2.

The next tropical wave coming off of Africa will still be far from land.

Ten will be moving northward toward colder waters.

While not on the current list of systems that the National Hurricane Center is tracking, there may be another tropical wave to track in the western Caribbean later this week.





Overall Summary

Hurricane Ida:

- Ida made landfall at 12:55 PM ET at Port Fourchon, LA (near Grand Isle) as a Category 4 hurricane with maximum sustained winds of 150 mph.
- Ida is now moving inland over southeastern Louisiana, with the center now about 45 miles southwest of New Orleans.
- Maximum sustained winds remain near 130 mph (Category 4) but gradually weakening is expected.
- Ida is moving to the northwest at 10 mph, but a turn to the north and northeast is expected tonight and Monday, before the system eventually turns northeast and accelerates towards the Mid-Atlantic on Tuesday.

Tropical Depression Ten:

- The center of Ten is located about 800 miles east of the Lesser Antilles with maximum sustained winds at 35 mph.
- Ten is moving north over open water, and this general motion will continue over the next 5 days. Ten is forecast to strengthen into a tropical storm by Monday, holding this strength through the week.

Tropical Storm Julian (Formerly Tropical Depression Eleven):

- Tropical Depression Eleven strengthened into Tropical Storm Julian today over 1,200 miles east of Bermuda (max sustained winds at 60 mph).
- Julian will move over the open water of the Central Atlantic before it becomes non-tropical on Tuesday over colder waters away from land.

African Tropical Wave:

- Computer models indicate that a vigorous tropical wave will emerge from the western coast of Africa on Tuesday. Conditions appear favorable for development during the middle to later part of this week and there is a high chance (80%) a tropical depression develops over the next 5 days.

Mid-Atlantic Low:

- An area of low pressure has developed along a cold front off the Mid-Atlantic coast. It has a low chance (10%) of becoming a depression.

The next names on the storm name list are Kate and Larry.



Overall Summary

Florida Outlook:

- Tropical Storm Julian, Tropical Depression Ten, and the Mid-Atlantic Low do not pose a threat to Florida.
- The next tropical wave near Africa does not pose a threat to Florida within the next 7 days.
- There are currently no tropical storm watches or warnings for Florida.
- However, breezy sustained winds of 20-35 mph are expected through the day on Tuesday in the Panhandle near the immediate coast. Gusts from 40-60 mph are possible in heavy rain bands and could result in isolated power outages. A **Wind Advisory** is in effect.
- A **High Surf Warning** is in effect for Escambia, Santa Rosa and Okaloosa Counties through Monday, with a **High Surf Advisory** in effect from Walton to Gulf County.
- High waves of 7-15' will result in a high threat for rip currents along much of the Panhandle Coast this weekend.
- A **Coastal Flood Advisory** is in effect from Escambia to Jefferson County. Minor flooding is possible at high tide, with surge generally expected to be 1-2'. Up to 3' is possible in Pensacola. This will occur over the next few high tide cycles.
- A **Flash Flood Watch** is in effect for Escambia, Santa Rosa, and Okaloosa County until Tuesday morning. Flash flooding is possible, especially in the urban areas in and around Pensacola. An additional 4-8" of rain is forecast with localized totals up to 12".
- Rainfall amounts of 2-4" are forecast for the western Big Bend and Eastern Panhandle, with localized totals of 6-8". An isolated flash flood is still possible in this area particularly on Tuesday.
- Minor river flooding is possible in the western Panhandle later this week based on where exactly the heaviest rain falls.
- A **Tornado Watch** is in effect for Escambia, Santa Rosa, and Okaloosa County until 7 PM CT. An Additional tornado watch could be issued tonight. An isolated tornado threat will continue across the entire Panhandle on Monday and Tuesday, with the greatest threat in the Watch area.

The next briefing packet will be issued Monday morning. For the latest information, please visit the National Hurricane Center website at www.hurricanes.gov.



TROPICAL UPDATE



Created by:

Michael Spagnolo, Deputy State Meteorologist

Michael.Spagnolo@em.myflorida.com

State Meteorological Support Unit

Florida Division of Emergency Management

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