



TROPICAL UPDATE



10:00 AM EDT

Tuesday, August 31, 2021

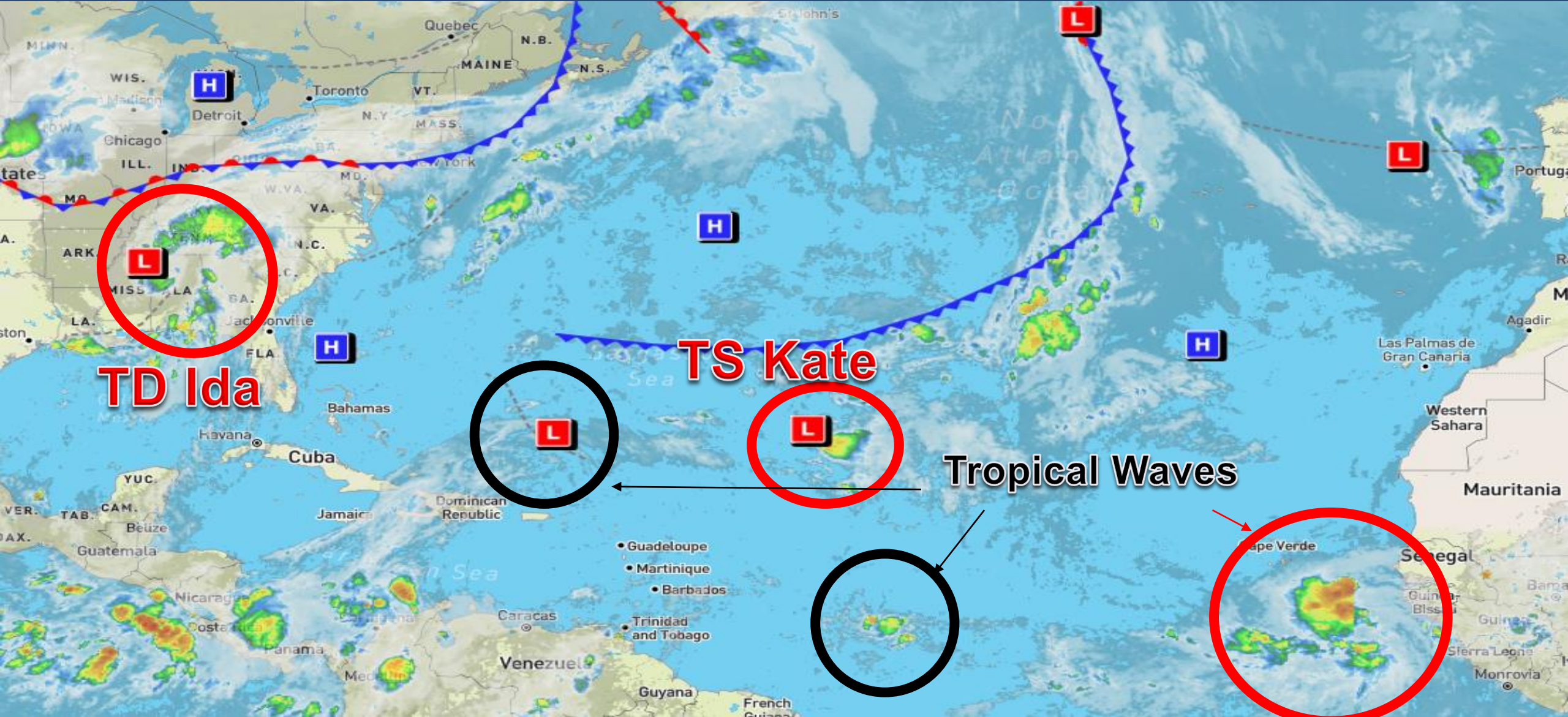
Tropical Depression Ida & Continued Impacts to
Panhandle, Tropical Storm Kate, African Tropical
Wave (90%), & Next Caribbean Low (20%)

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



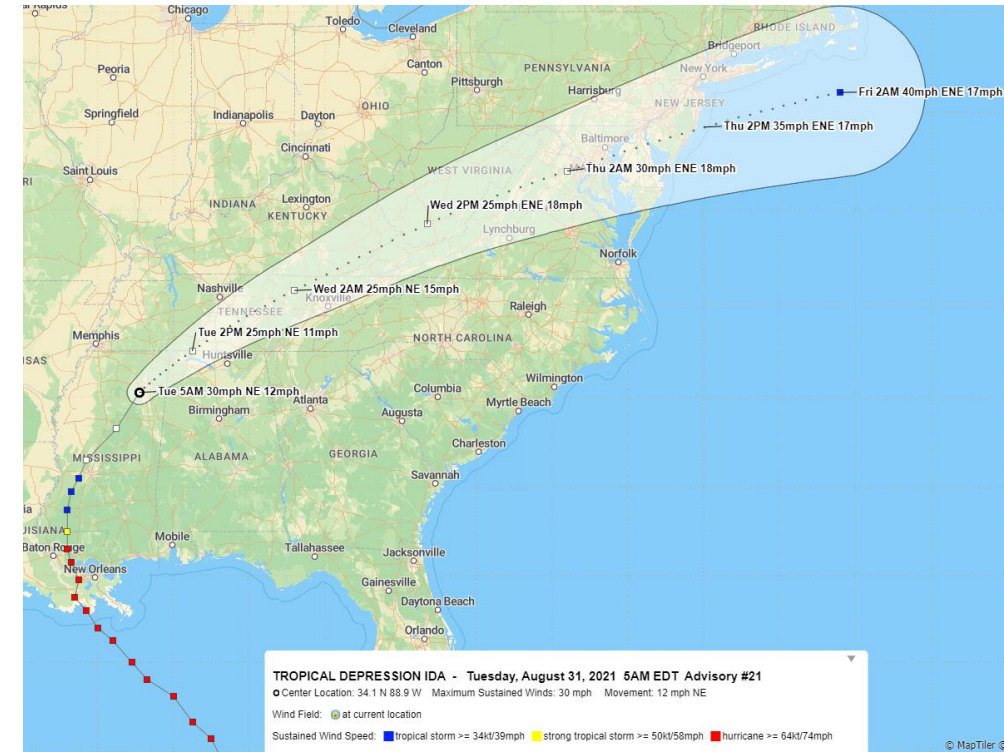


Tropical Depression Ida

5 AM ET Tuesday: Florida Threats & Changes Since Last Packet

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

National Hurricane Center Map



Overview/Recent Changes:

Flash Flood and Tornado threat to continue for the Florida Panhandle today, expanding eastward into the Big Bend and Suwannee Valley by tonight.

Ida is a tropical depression located over northern Mississippi. The National Hurricane Center has discontinued advisories on the system.



Outer rain bands from Ida continue to affect the Florida Panhandle.

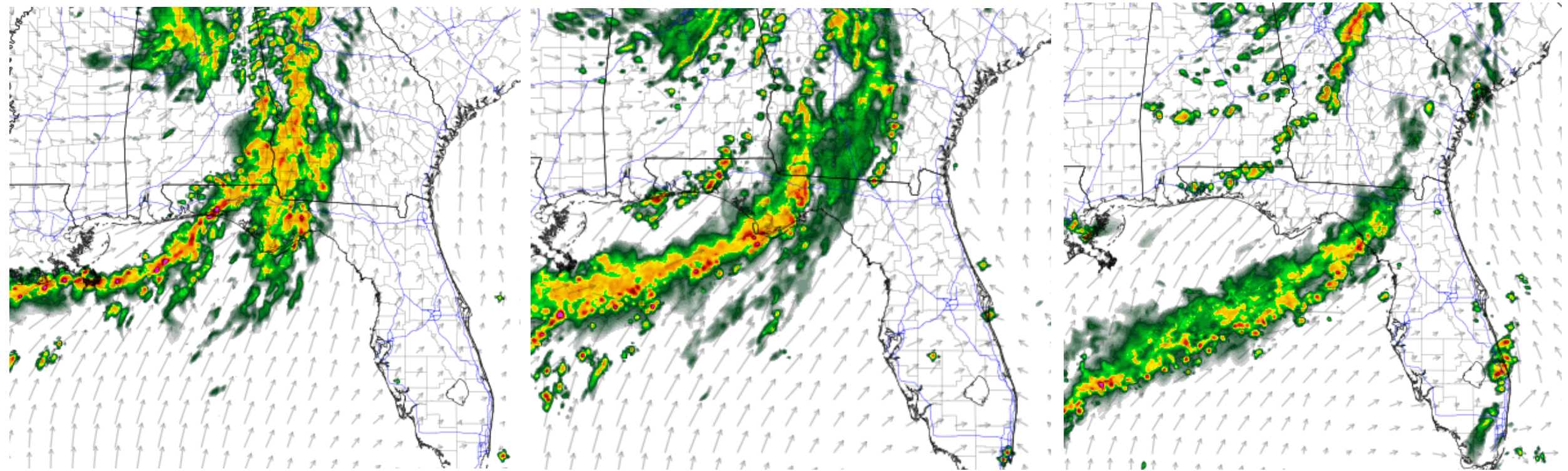
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Model Forecast Radar

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



11am ET / 10am CT

3pm ET / 2 pm CT

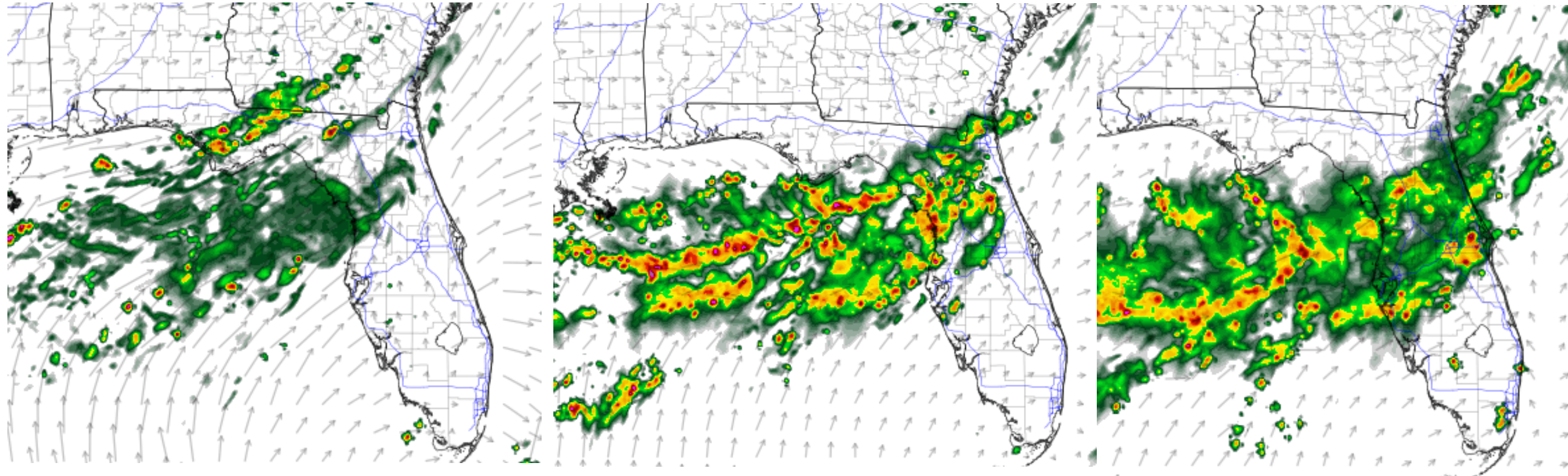
9pm ET / 8pm CT

Several rain bands will move through the Panhandle and Big Bend throughout the day. Isolated tornadoes are possible and if rain bands train over the same area, flash flooding could result. Activity should begin to wane this evening, but some storms may continue overnight.



Model Forecast Radar

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



6am ET / 5am CT Wednesday

11am ET / 10 am CT

3pm ET / 2pm CT

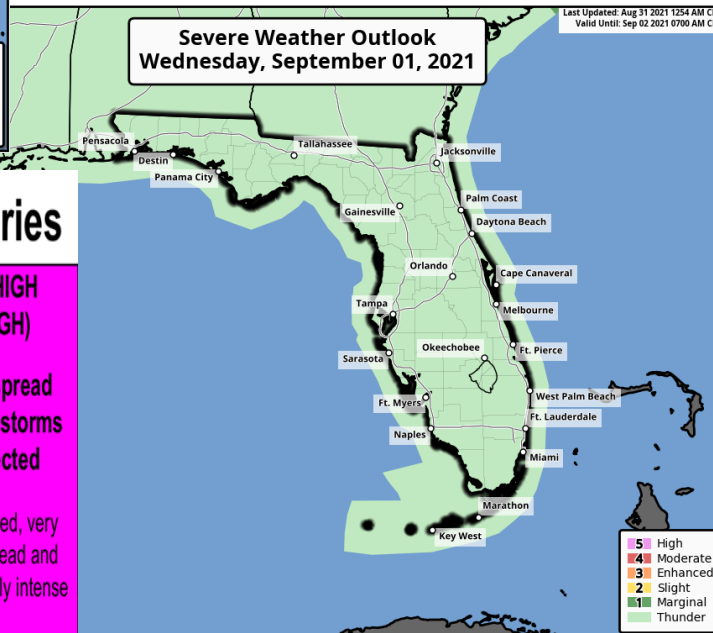
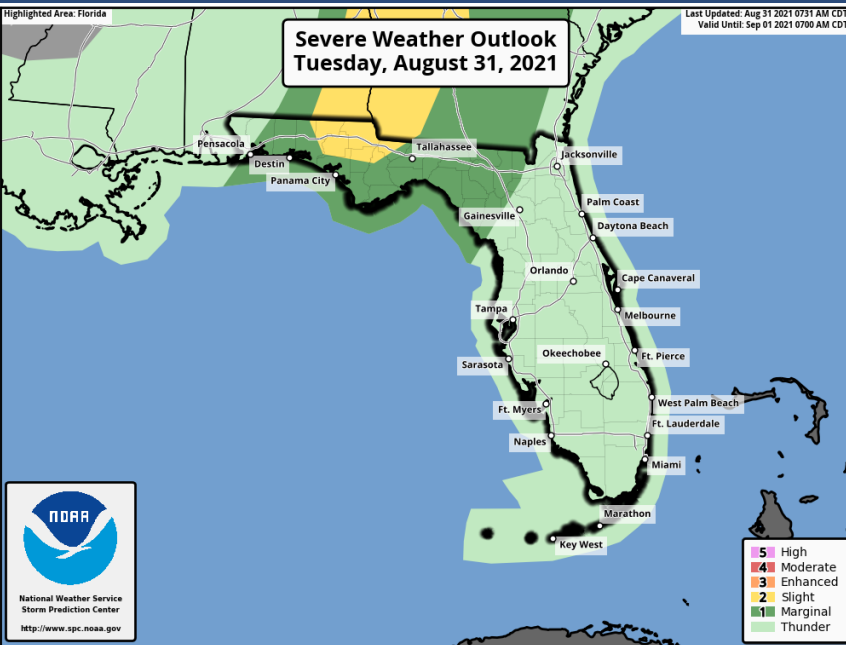
New rain bands will form early Wednesday morning over the Big Bend tomorrow morning and shift southeast into Northeast and Central Florida.



Severe Weather Outlooks

From the Storm Prediction Center

Isolated brief tornadoes embedded within the rain bands are still possible today across the Florida Panhandle and Big Bend today. The greatest risk area will be along and north of I-10 between Walton and Gadsden Counties. The risk should decrease this evening, with no risk for tornadoes by Wednesday morning.



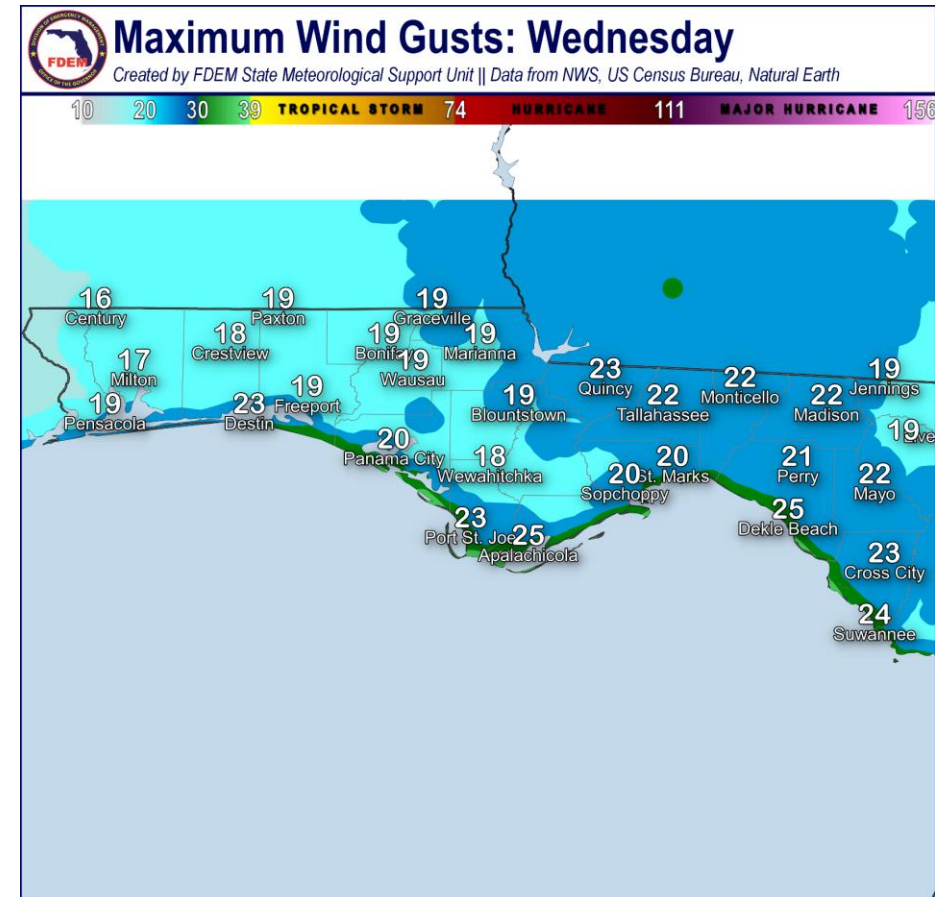
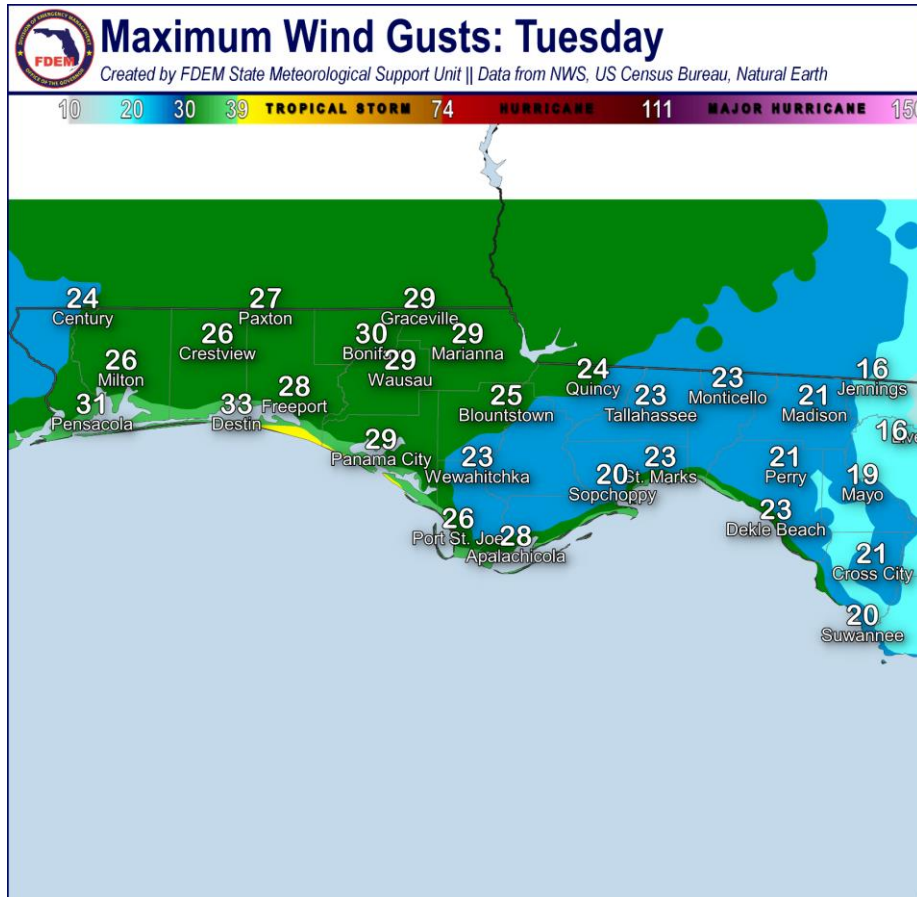
Understanding Severe Thunderstorm Risk Categories

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



NWS Forecast Wind Gusts

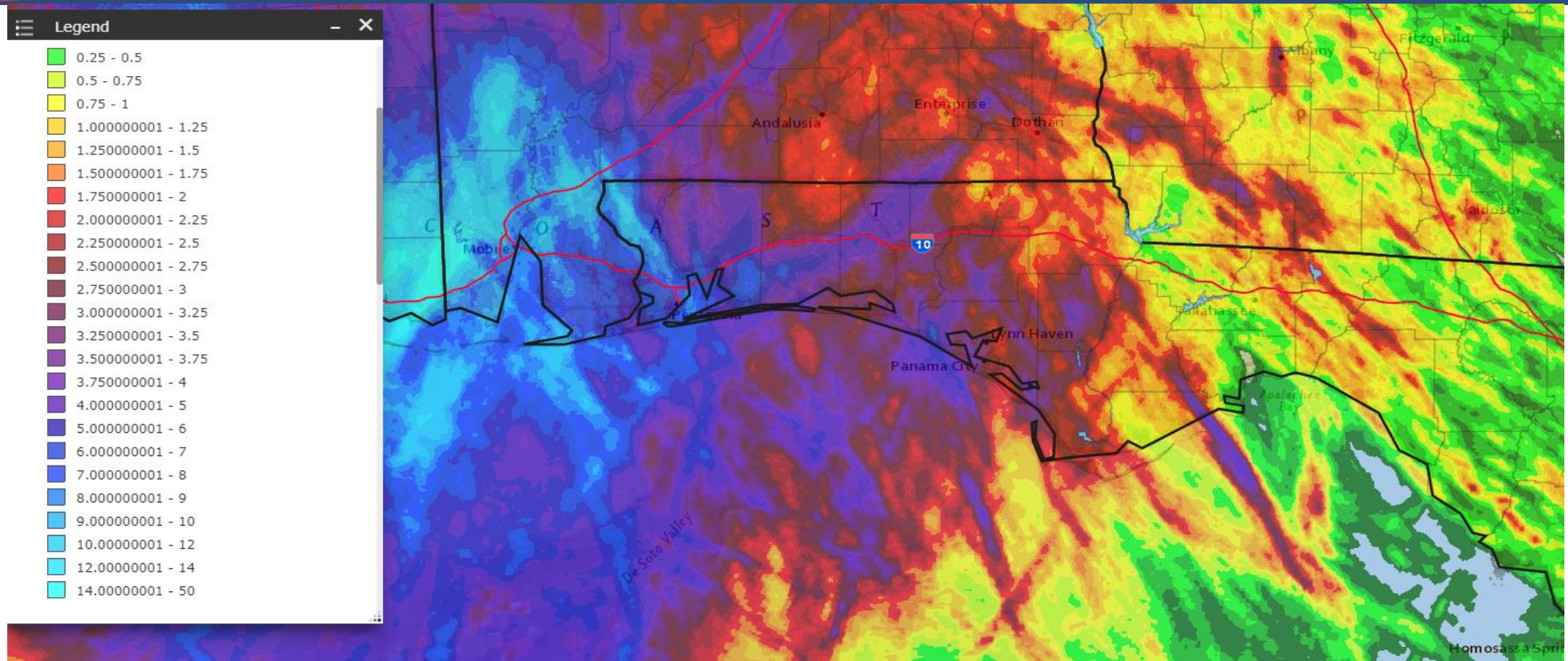
Exact wind gusts will vary in time, magnitude, and location



Gusty winds up to 35mph will continue along the Panhandle coast today, with gusts up to 25-30mph possible inland. Higher values are possible in severe thunderstorms. Breezy winds with gusts of 20-30mph are forecast on Wednesday.



Observed Rainfall – Past 72 Hours



Rainfall totals of 4-8" have occurred across much of the western Panhandle, with isolated totals as high as 10" estimated in Escambia County. Rain amounts of 1-5" have occurred elsewhere in the eastern Panhandle and portions of the western Big Bend.



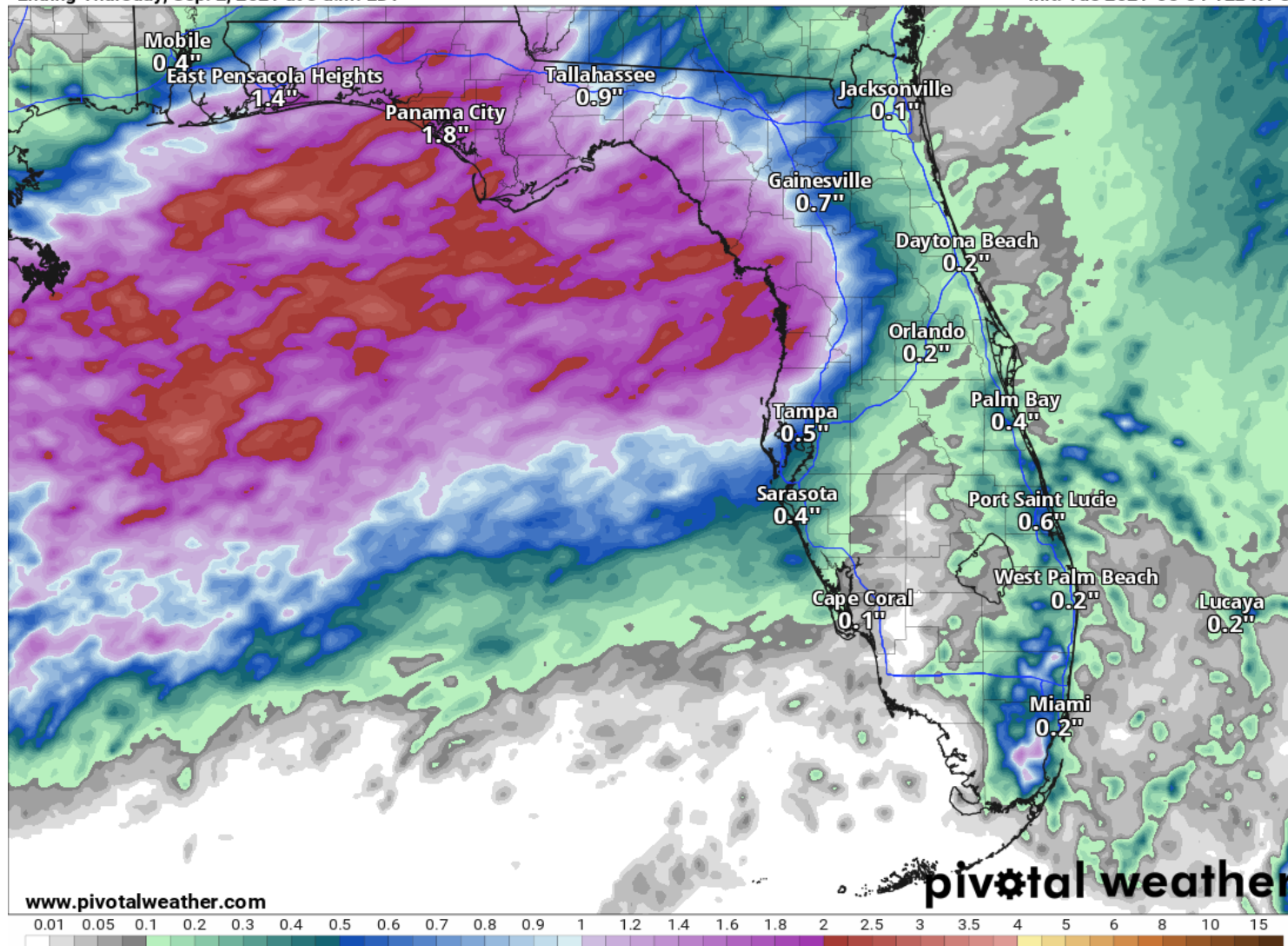
Rainfall Totals Next 2 Days

Ending 8 AM ET Thursday

48-Hour Precipitation (in)

Ending Thursday, Sep. 2, 2021 at 8 a.m. EDT

Init: Tue 2021-08-31 12z WPC

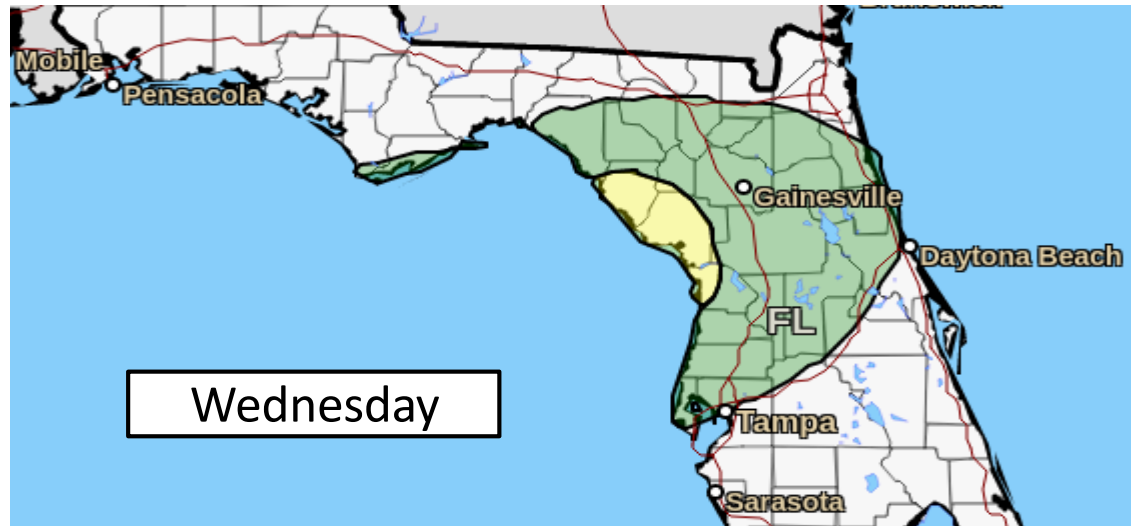
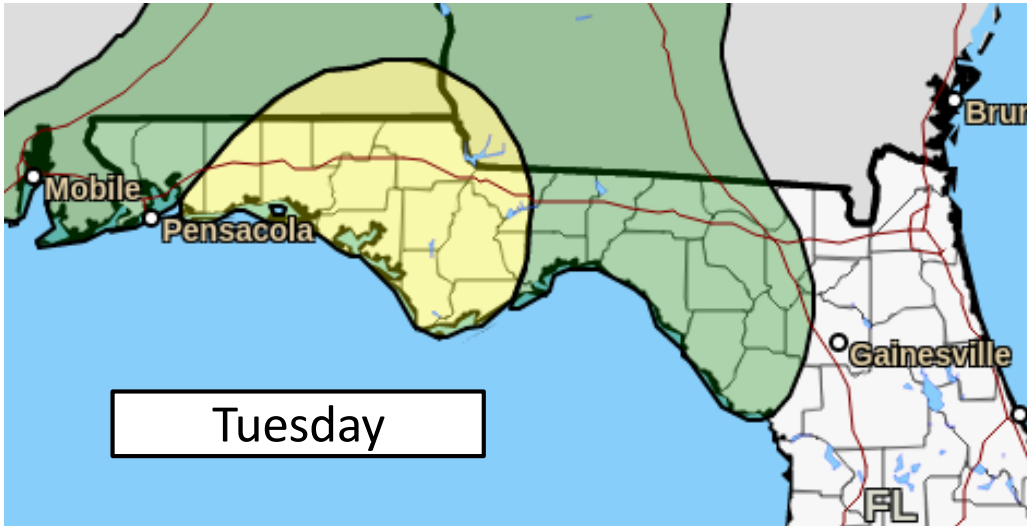


An additional 1-2" rain is forecast
for the Panhandle and portions of
the Big Bend and Nature Coast
over the next 2-3 days.



Flash Flood Risks

From the Weather Prediction Center



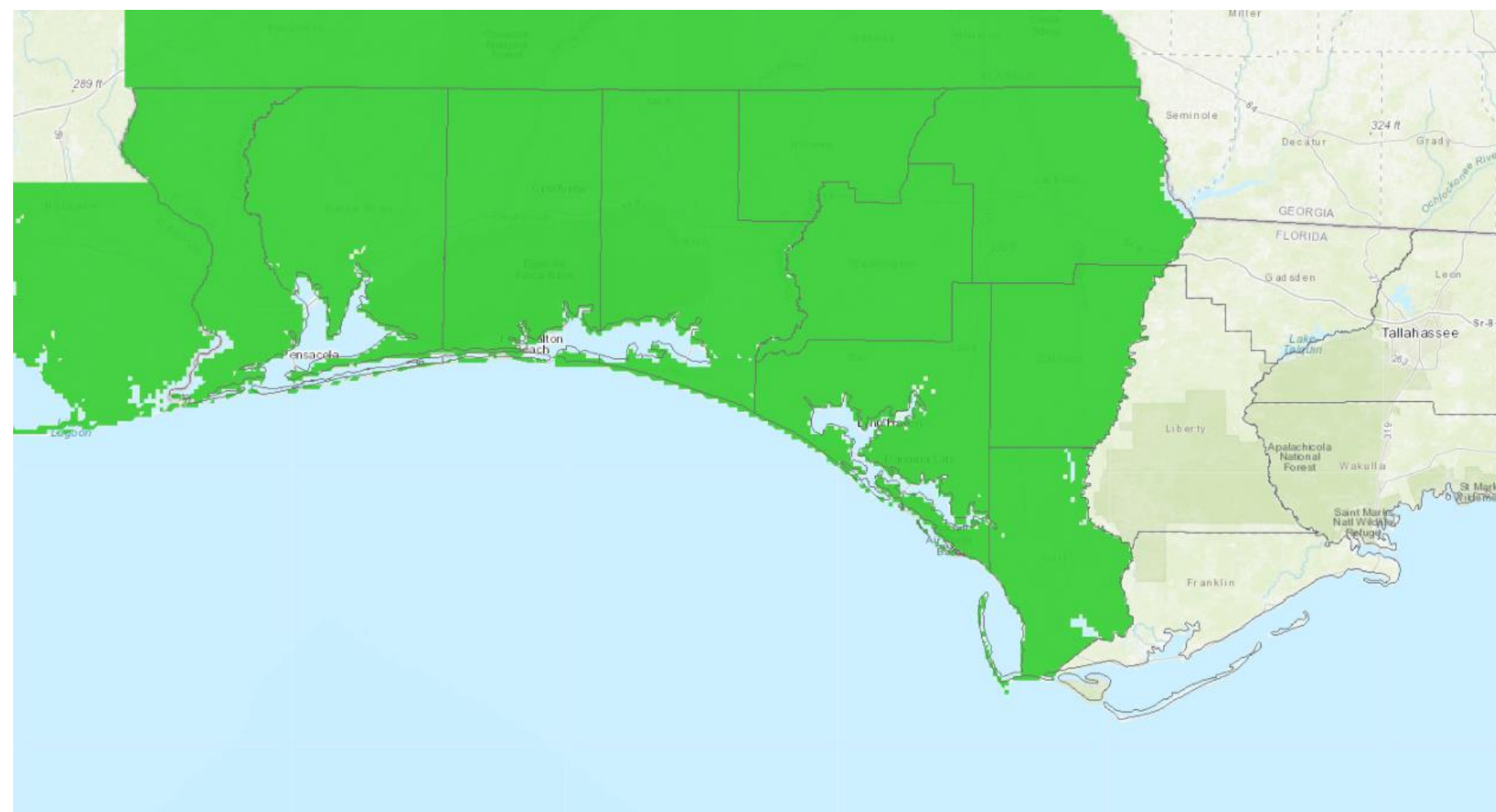
MARGINAL (MRGL)	SLIGHT (SLGT)	MODERATE (MDT)	HIGH (HIGH)
Isolated flash floods possible	Scattered flash floods possible	Numerous flash floods likely	Widespread flash floods expected
Localized and primarily affecting places that can experience rapid runoff with heavy rainfall.	Mainly localized. Most vulnerable 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.

Periods of heavy rain over the next 2 days could result in flash flooding and urban street flooding, especially in areas still heavily saturated from Tropical Storms Fred and Elsa.

The highest risk on Tuesday will be over the eastern Panhandle and western Big Bend. On Wednesday, even with Ida well to the north, trailing rain bands will continue to pose a flood threat across the southeastern Big Bend and portions of the northern Peninsula.



Flash Flood Watch



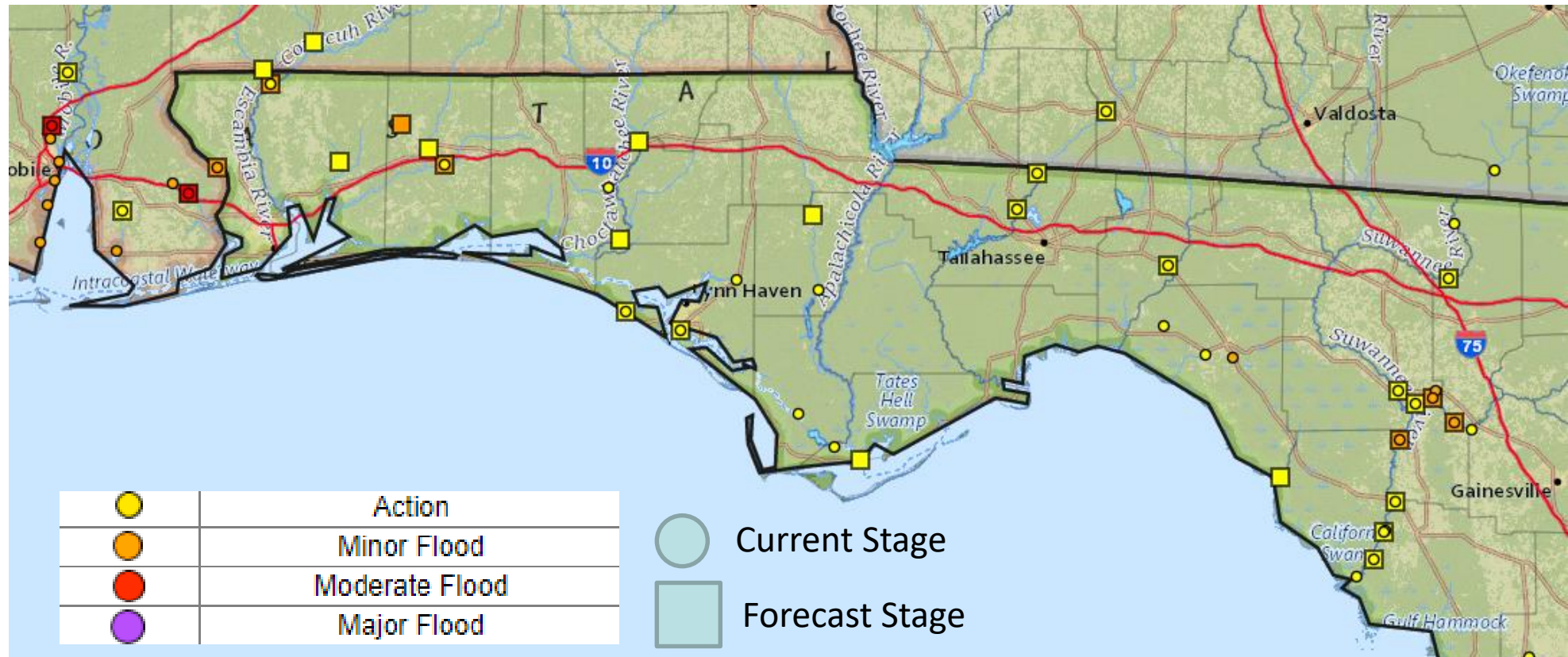
- In effect through Tuesday evening.
- Counties: Escambia, Santa Rosa, Okaloosa, Walton, Holmes, Washington, Bay, Jackson, Calhoun, Gulf.



Possible River Flooding

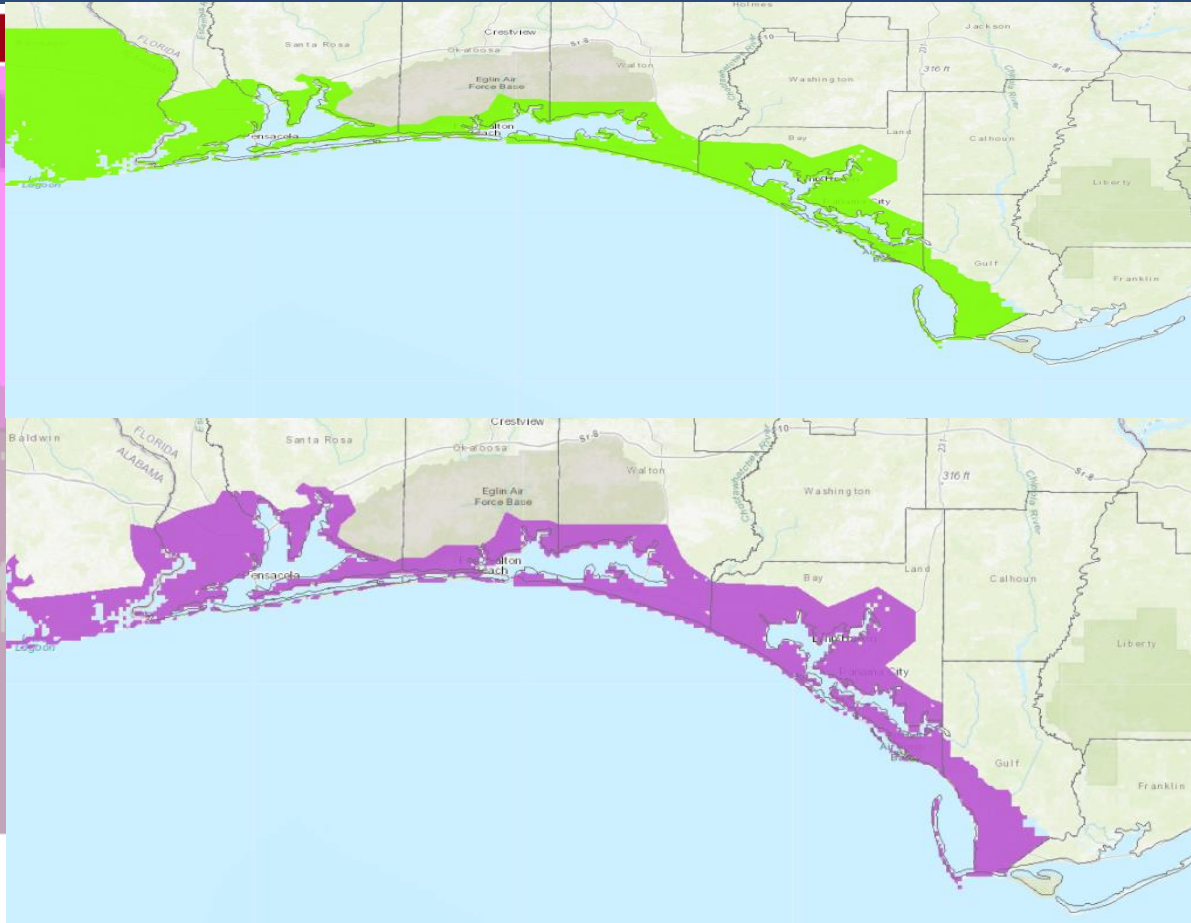
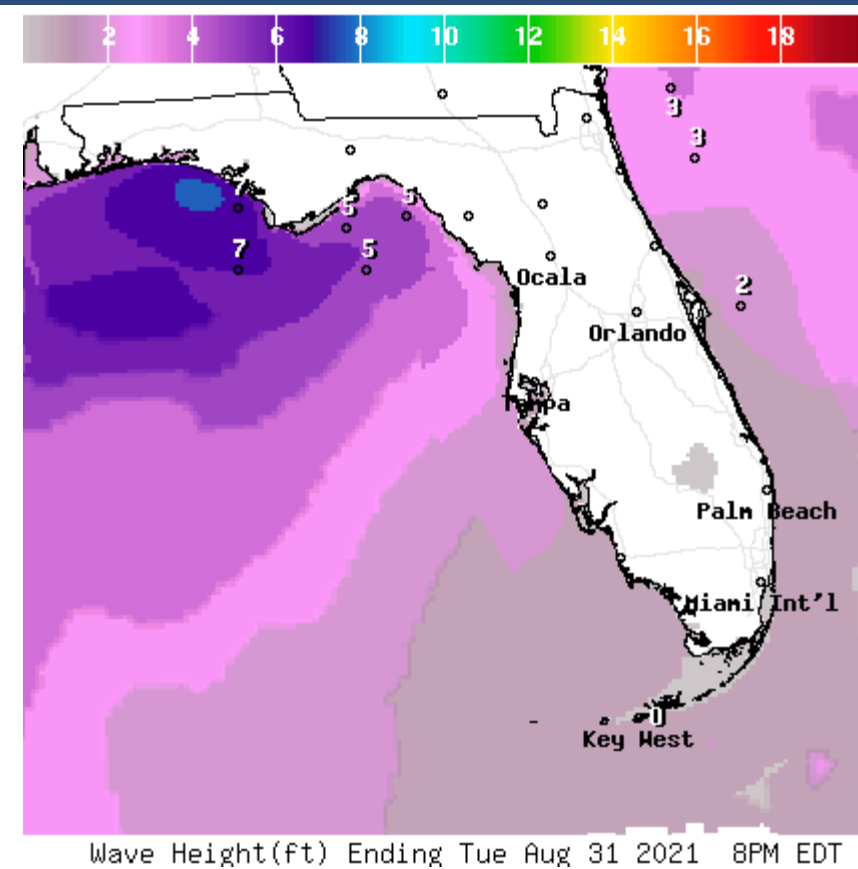
Forecast Highest Stage Based on Observed and Forecast Rainfall

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](#).





Forecast Wave Heights



Weather Warnings, Watches, & Advisories

Coastal/Offshore

Coastal Flood Advisory



High Surf Warning



High Surf Advisory

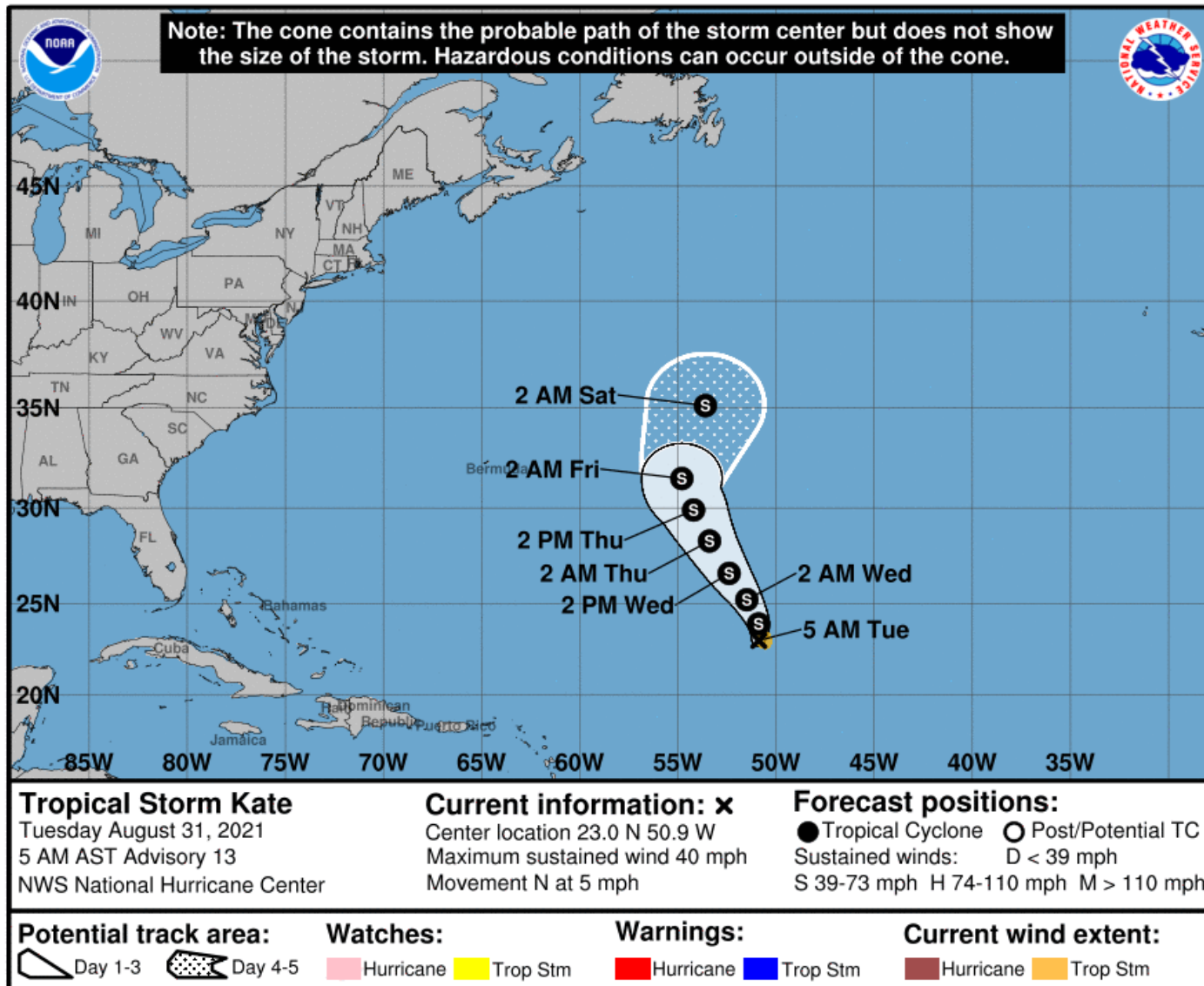


Surf will remain elevated today, with breaking waves of 4'-7' possible in the Panhandle. This will continue the risk for dangerous rip currents and minor beach erosion/coastal flooding. A **Coastal Flood Advisory** and **High Surf Advisory** is in effect between Escambia and Gulf Counties.



Official Forecast Track

From the National Hurricane Center – TS Kate



- **Location:** 815 miles east-northeast of the Lesser Antilles; 1,885 miles east-southeast of Miami, FL
- **Maximum sustained winds:** 40 mph.
- **Movement:** N at 5 mph.
- **Forecast:** A general northward motion is forecast to continue through today. A northwestward motion is forecast to begin tonight and continue into Wednesday. Little change in strength is forecast during the next few days.
- This system poses no threat to Florida.



Tropical Weather Outlook

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



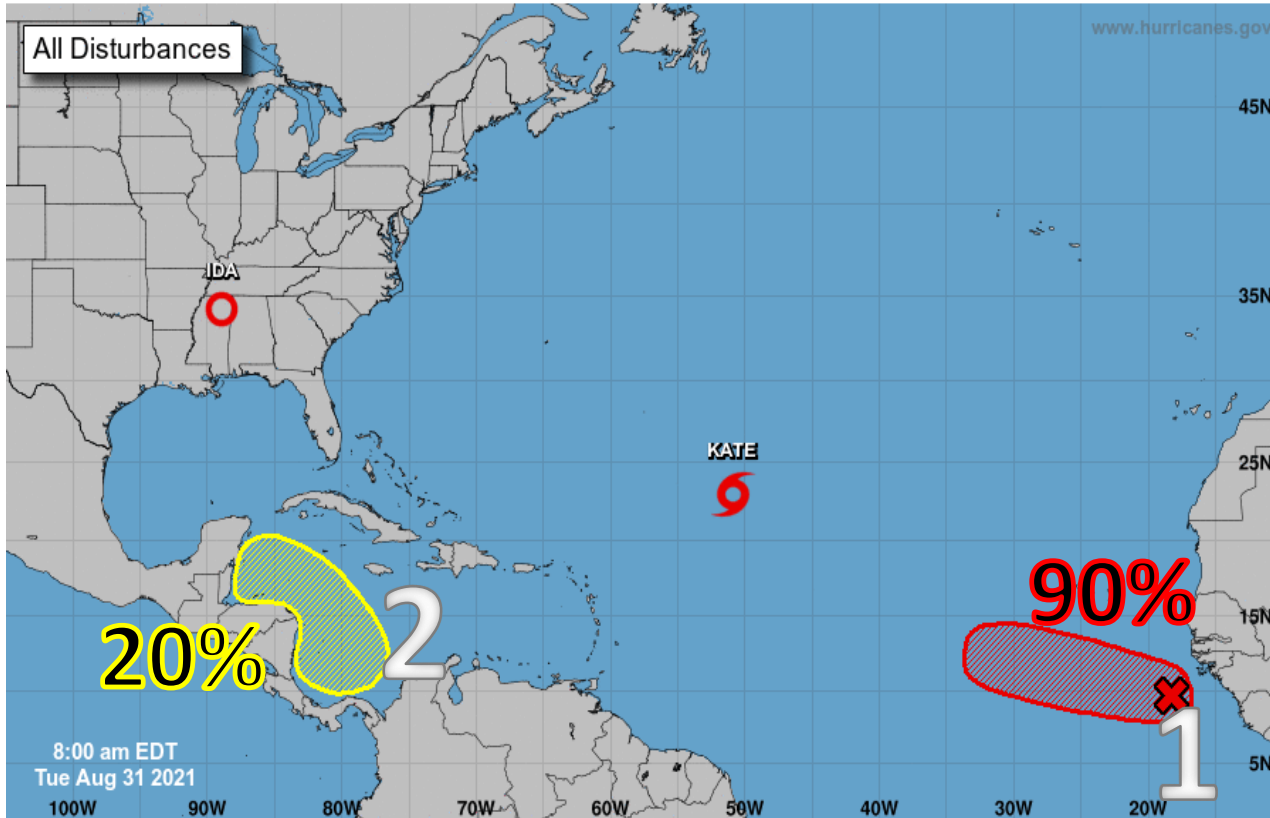
Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



www.hurricanes.gov

All Disturbances



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 well-defined low pressure system is located over the far eastern tropical Atlantic, a couple of hundred miles west-southwest of the coast of Guinea. Associated showers and thunderstorms continue to show signs of organization, and environmental conditions are conducive for additional development of this system. A tropical depression is likely to form during the next day or so while the low moves westward to west-northwestward at 10 to 15 mph.

*** Formation chance through 48 hours...high..90 percent.**

*** Formation chance through 5 days...high...90 percent.**

2. A broad area of low pressure is forecast to develop over the southwestern Caribbean Sea during the next couple of days. Some slow development of this system is possible by the end of the week, if the system remains over water. This system is expected to move gradually west-northwestward or northwestward at 5 to 10 mph toward Central America.

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

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

These systems pose no threat to Florida within the next 5 days.



Model Forecast Tracks – Next 6 Days

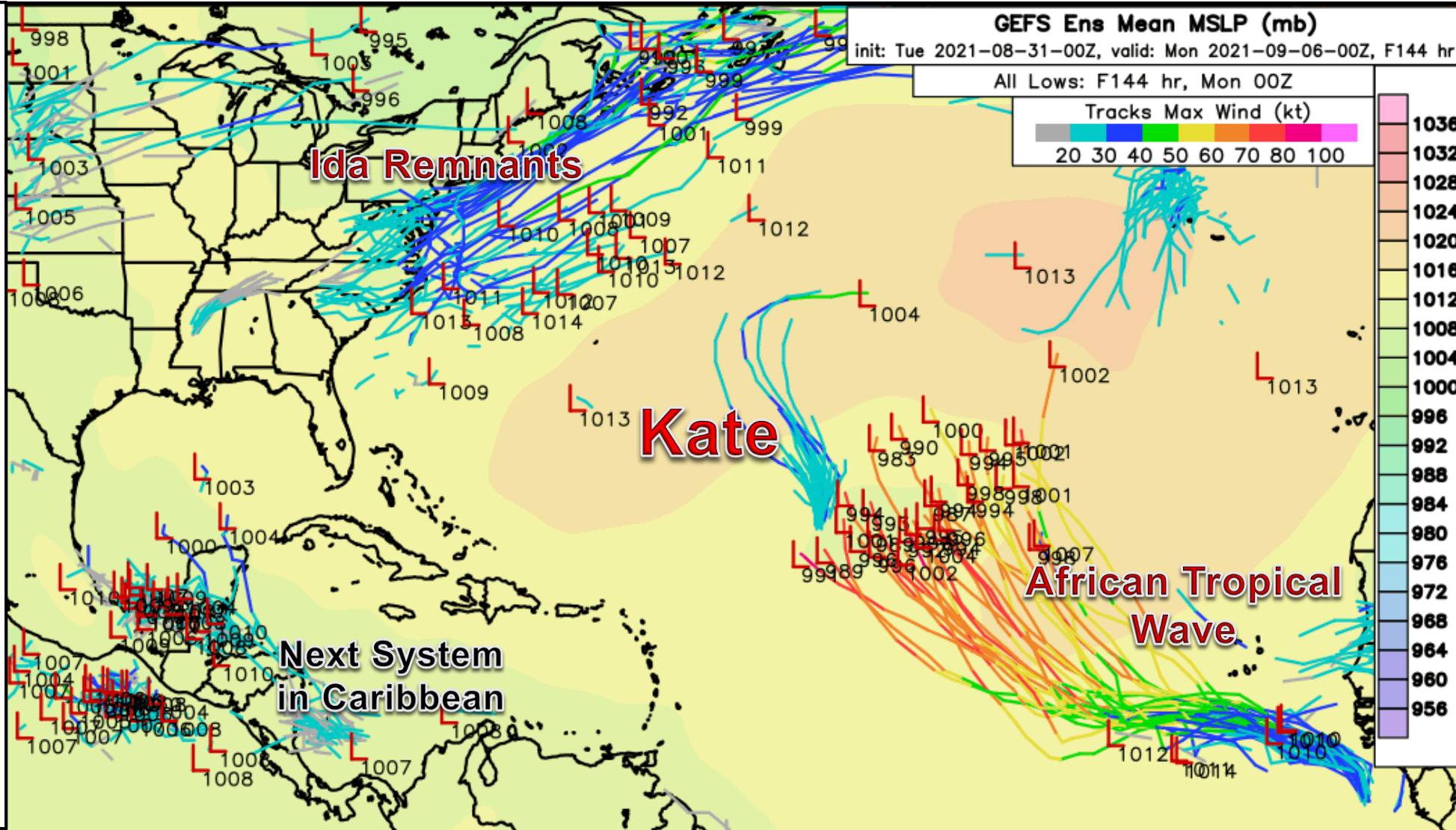
GFS Ensemble Models

Possible locations of all tropical systems on Sunday night 9/5.

The tropical wave coming off of Africa will still be far from land and moving northwestward into the open ocean.

Kate will be moving northward toward colder waters and dissipate.

The Caribbean tropical wave will remain close to Central America this week and possibly emerge into the south-central Gulf of Mexico or Bay early next week. Still high uncertainty with this system.





Overall Summary

Tropical Depression Ida:

- Ida is gradually weakening over northern Mississippi, but rain bands continue well south and east of the center over North Florida.
- Maximum sustained winds are around 30 mph and Ida is moving to the northeast at 12 mph.
- Ida will continue northeast today and will eventually move into the Mid-Atlantic states later this week as it continues to weaken.

Tropical Storm Kate:

- Tropical Depression Ten strengthened into Tropical Storm Kate yesterday morning.
- The center of Kate is located about 815 miles east-northeast of the Lesser Antilles with maximum sustained winds of 40 mph.
- Kate is moving north at 5 mph over open water, and this general motion will continue over the next 5 days.
- If it survives to this weekend, it could strengthen further as it accelerates northeast away from land.

African Tropical Wave:

- A well-defined tropical wave/low pressure system is located over the far eastern tropical Atlantic, a couple of hundred miles west-southwest of the coast of Guinea.
- Associated showers and thunderstorms continue to show signs of organization, and environmental conditions are conducive for additional development of this system.
- A tropical depression is likely to form during the next day or so while the low moves westward to west-northwestward at 10 to 15 mph.
- This system has a 90% (high) chance of development over the next 48 hours.
- The next name on the list is Larry.

Western Caribbean Low:

- A broad area of low pressure is forecast to develop over the southwestern Caribbean Sea during the next couple of days.
- Some slow development of this system is possible by the end of the week, if the system remains over water.
- This system is expected to move gradually west-northwestward or northwestward at 5 to 10 mph toward Central America.
- The National Hurricane Center gives this system a near 0% chance of development over the next 48 hours, but a 20% (low) chance over the next 5 days.



Overall Summary

Florida Outlook:

- Breezy winds of 20-35 mph with gusts up to 45 mph are possible over the Florida Panhandle, especially near the coast today. A **Wind Advisory** is in effect from Escambia to Okaloosa County.
- Gusts of 50-60 mph and isolated tornadoes will be possible from severe thunderstorms within the outer bands of Ida.
- A **Tornado Watch** could be issued later today for parts of North Florida, with the greatest tornado threat in the eastern Panhandle.
- The main threat for Florida from Ida continues to be the potential for heavy rain resulting in flash flooding.
- A **Flash Flood Watch** is in effect for much of the Florida Panhandle (west of the Apalachicola River) through this evening.
- An additional 3-6" of rain is forecast over the next 24 hours, with localized totals up to 6-8" possible.
- Rainfall amounts of 2-4" are forecast for the Big Bend, with localized totals of 6" over the next 48 hours. An isolated flash flood is still possible in this area on Tuesday and Wednesday.
- **Minor river flooding** is possible in the western Panhandle later this week including along the Perdido River, Escambia River, Blackwater River, and Shoal River. Rises to bank-full are expected at other Panhandle rivers.
- Along the Panhandle coast, high waves of 5-7' will continue a high threat for rip currents and minor coastal flooding. A **High Surf Advisory** in effect from Escambia to Bay County through this afternoon.
- A **Coastal Flood Advisory** is in effect from Escambia to Okaloosa County. Minor flooding is possible at high tide, even into Apalachee Bay.
- None of the other active or potential tropical systems pose a threat to Florida within the next 5 days.

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



TROPICAL UPDATE



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