



TROPICAL UPDATE



5:00 PM EDT

Wednesday, September 8, 2021

Tropical Storm Mindy

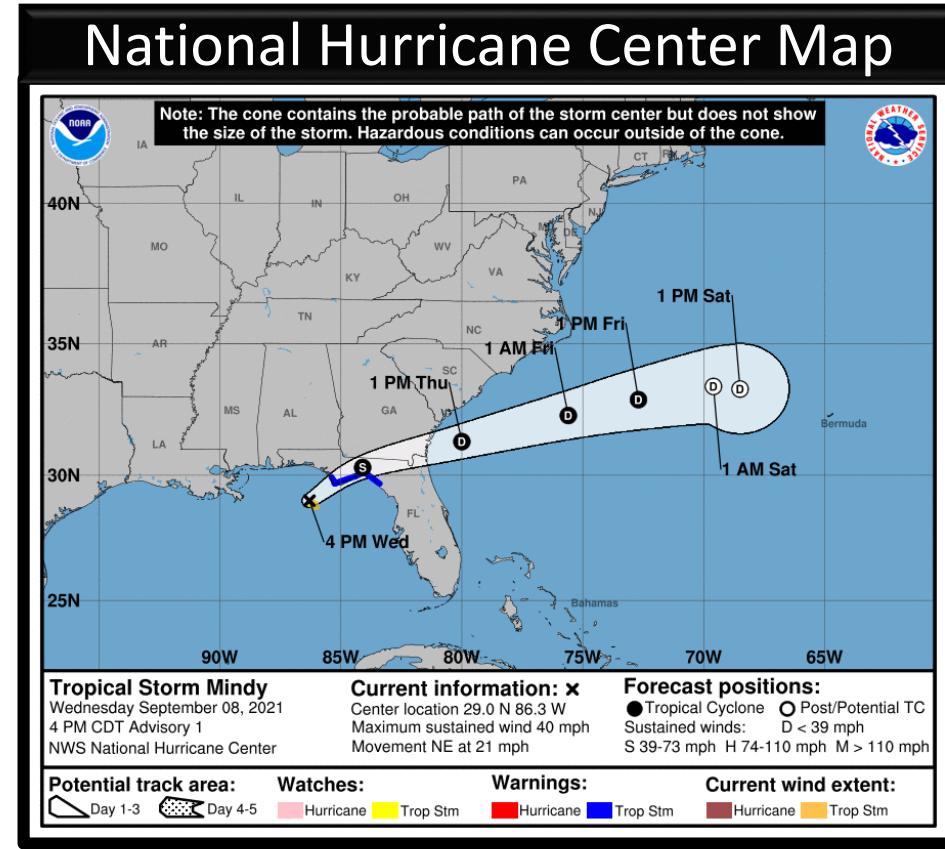
This update is intended for government and emergency response officials, and is provided for informational and situational awareness purposes only. Forecast conditions are subject to change based on a variety of environmental factors. For additional information, or for any life safety concerns with an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



Tropical Storm Mindy

5 PM ET Wednesday: 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:

Invest 91L has become organized today and developed into Tropical Storm Mindy this afternoon.

Tropical Storm Warnings have been issued from Mexico Beach to the Steinhatchee River, where gusts of 40-45 mph are possible tonight.

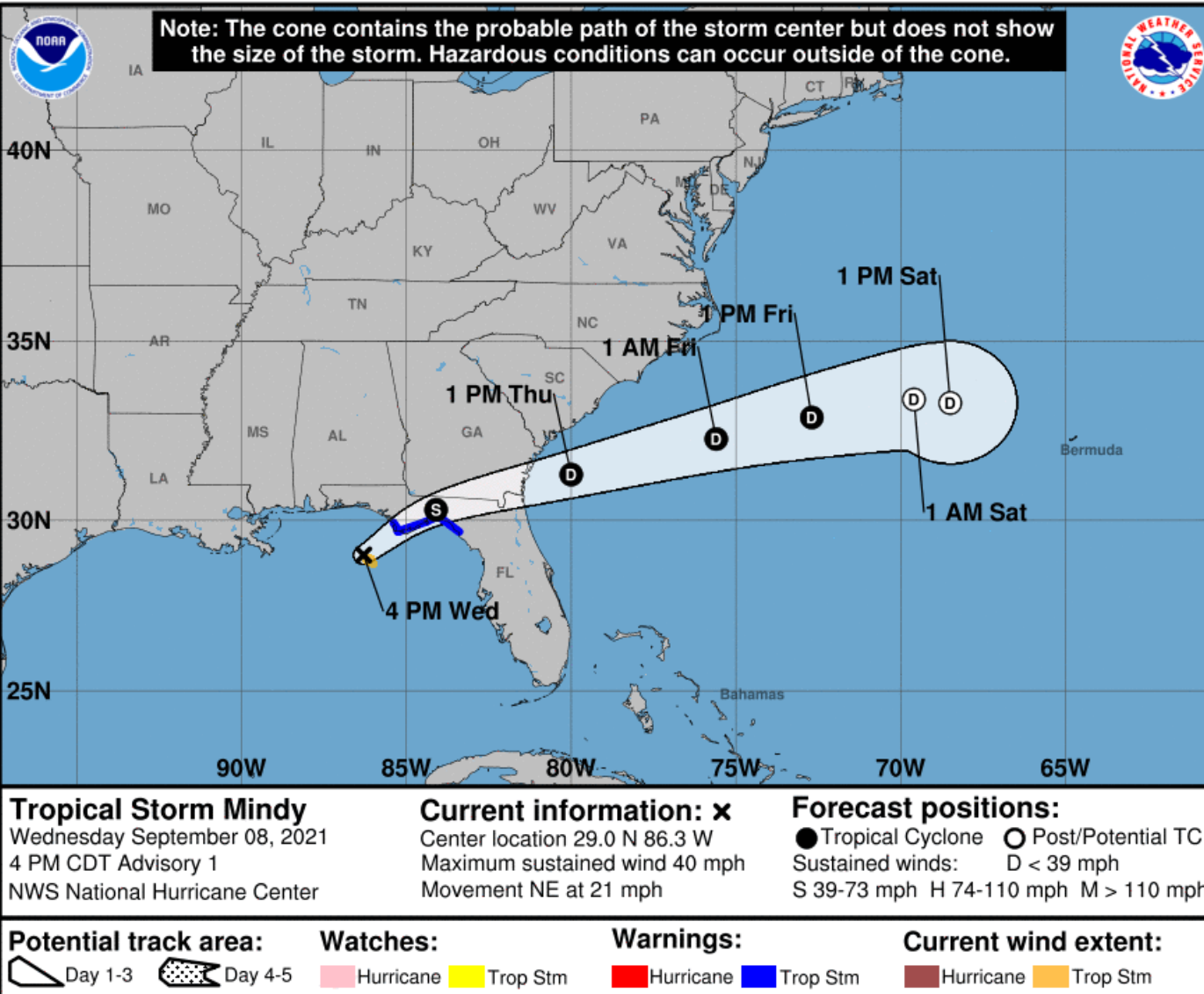
It is forecast to make landfall near Apalachicola in a few hours as a tropical storm with 40 mph maximum sustained winds.

In summary, the system getting named will not change the impacts that have been forecast over the last 24-48 hours.



Official Forecast Track

From the National Hurricane Center

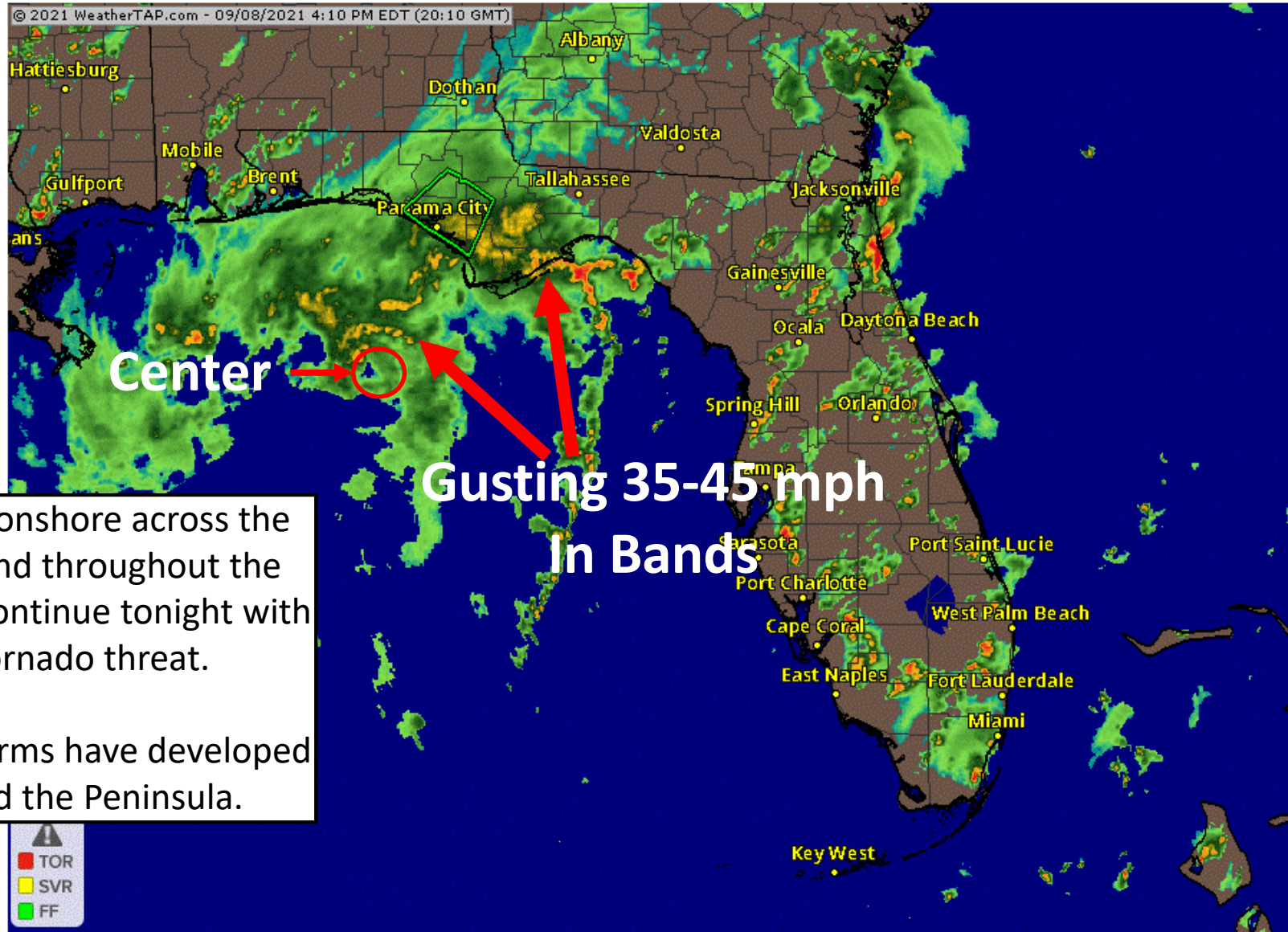


- The disturbance that has been tracked in the Gulf of Mexico (Invest 91L) has become organized today.
- At 5 PM ET, the National Hurricane Center began advisories on Tropical Storm Mindy.
- The center of Mindy was located about 90 miles west-southwest of Apalachicola and moving to the northeast at 21 mph.
- Maximum sustained winds are at 40 mph and little change in strength is forecast before landfall tonight.
- Landfall will occur near Port St. Joe/Apalachicola tonight (in about 4-8 hours).
- The system will then weaken as it moves northeast across the Big Bend, Northeast Florida, and South Georgia and emerge over the southwest Atlantic on Thursday.



Current Florida Radar

As of 4:15 PM ET



Rain bands have been moving onshore across the eastern Panhandle and Big Bend throughout the day. Additional rain bands will continue tonight with gusty winds and a brief tornado threat.

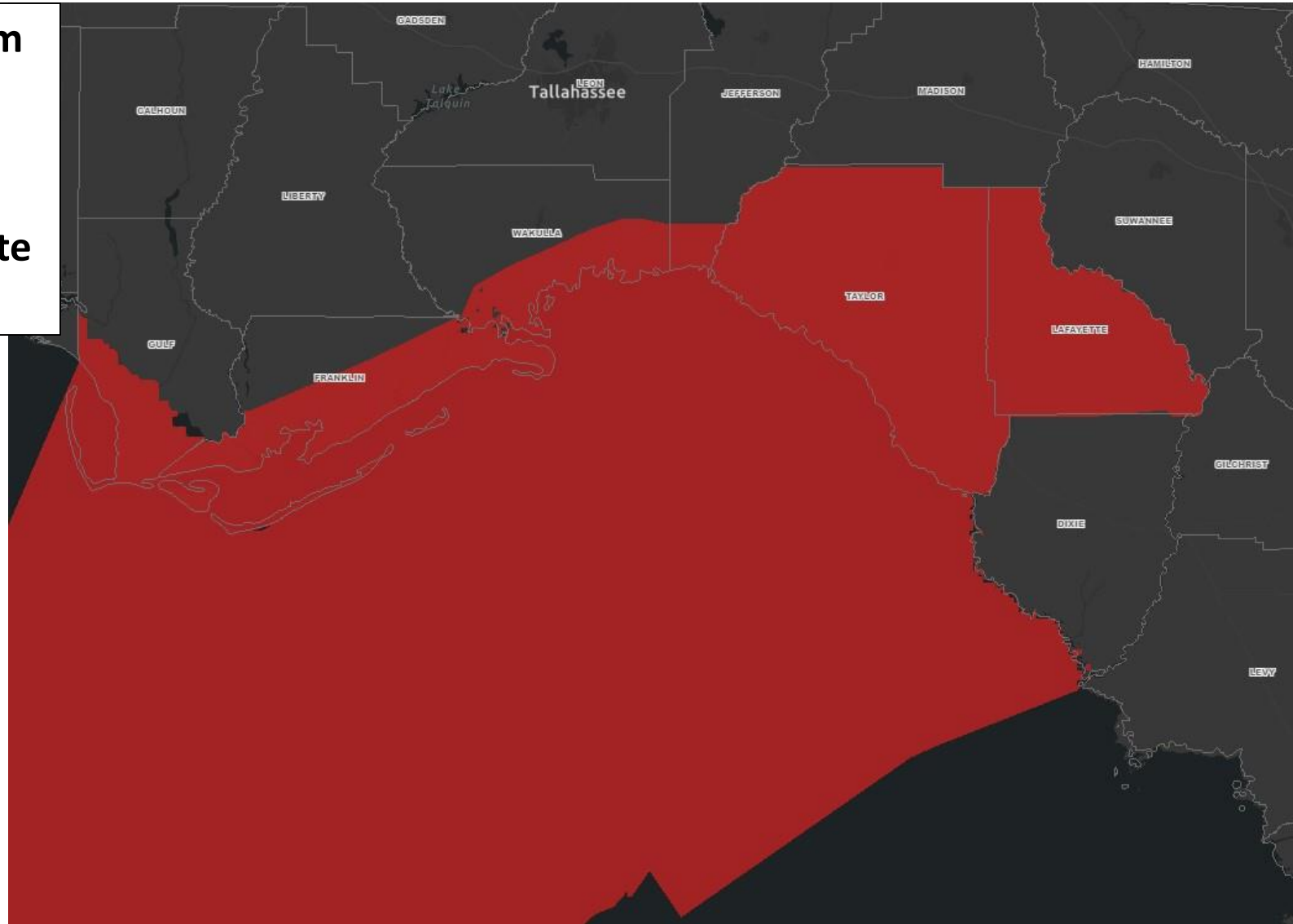
Typical summertime thunderstorms have developed across Northeast Florida and the Peninsula.



Wind Watches and Warnings

In Effect Until Further Notice

Tropical Storm Warnings are in effect from Mexico Beach to the Steinhatchee River, which includes coastal portions of Gulf, Franklin, Wakulla, Jefferson, and Dixie County, along with all of Taylor & Lafayette County.



Tropical Storm & Hurricanes

Watches Versus Warnings

WATCH

Tropical storm and/or hurricane conditions are **POSSIBLE** in Watch area

Issued up to 48 hours in advance of tropical storm force winds

WARNING

Tropical storm and/or hurricane conditions are **EXPECTED** in Warning area

Issued up to 36 hours in advance of onset of tropical storm force winds

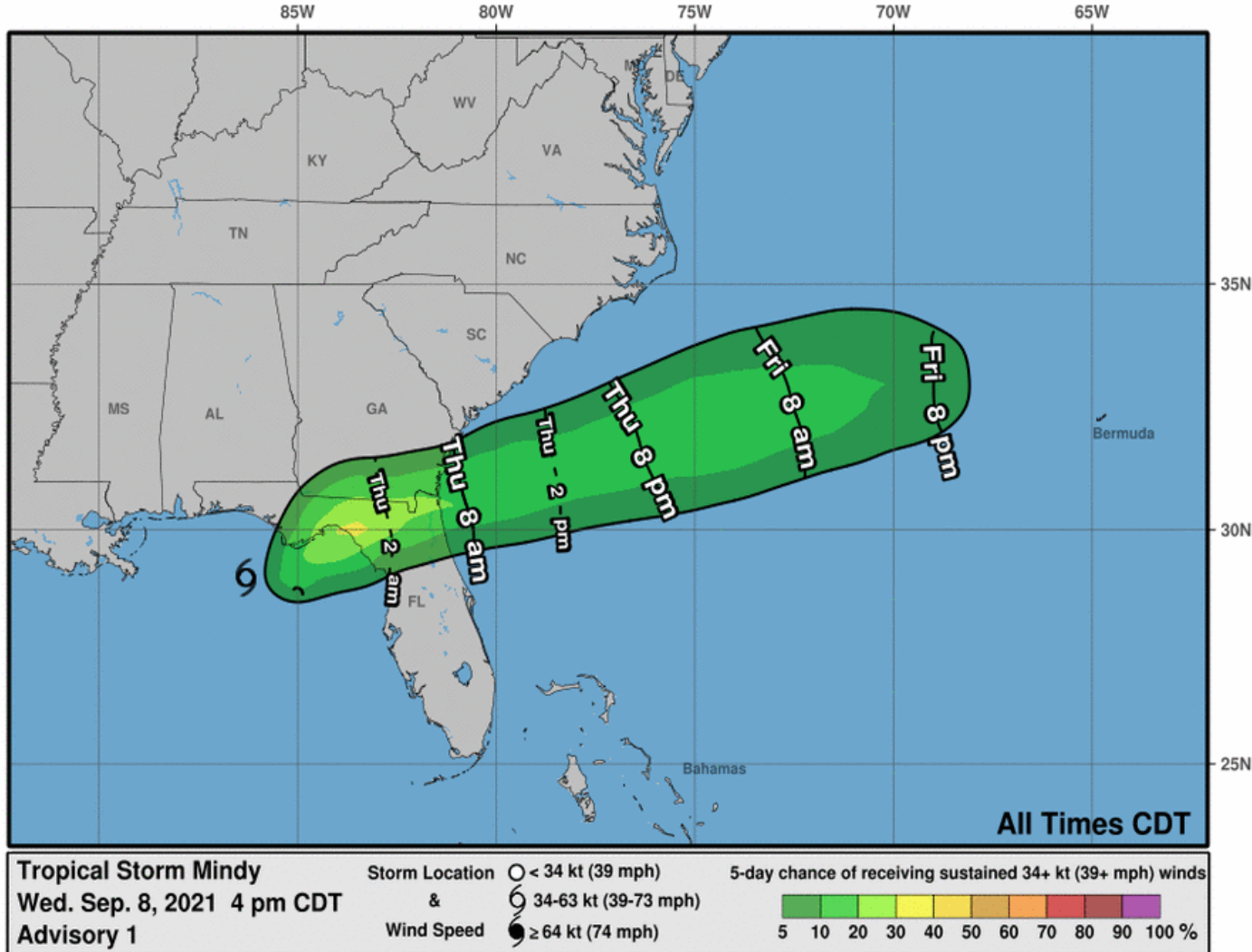
Hurricane preparedness activities become difficult once winds reach tropical storm force. **Watches & Warnings are issued in advance of onset of tropical storm force winds, 39-73mph**



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



Panama City: 4%
Apalachicola: 14%
St. Marks: 22%
Tallahassee: 15%
Gainesville: 9%
Jacksonville: 22%

If sustained tropical storm force winds were to occur, they would occur overnight and be confined to coastal areas in the Tropical Storm Warning area. They are not expected to make it inland.

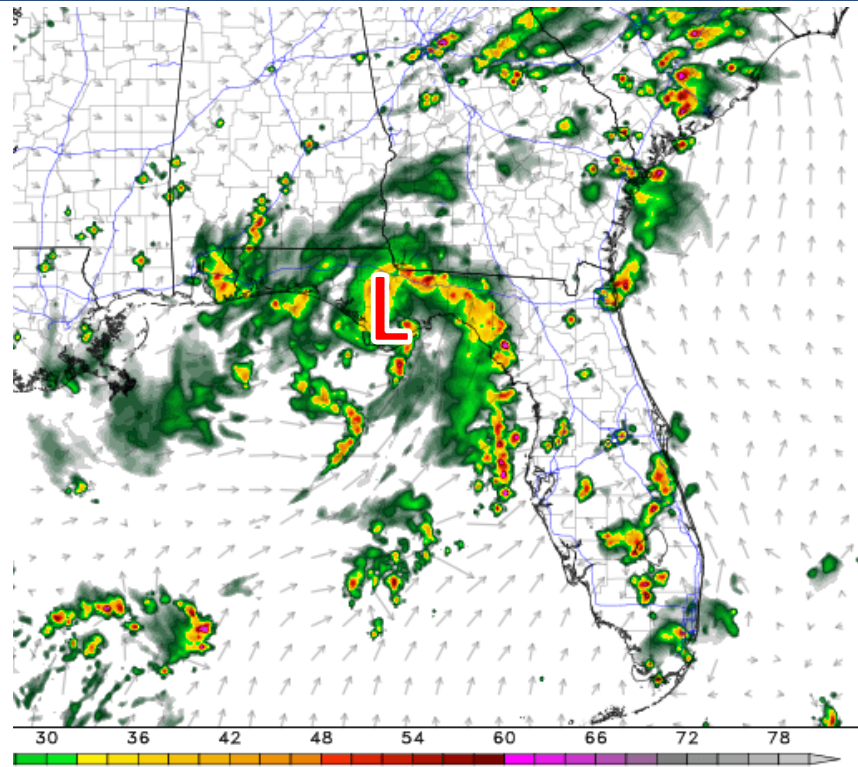
Odds are only 1 in 10 to 2 in 10.

Some gusts to tropical storm force (40-45 mph) are possible in squalls across inland areas, however.

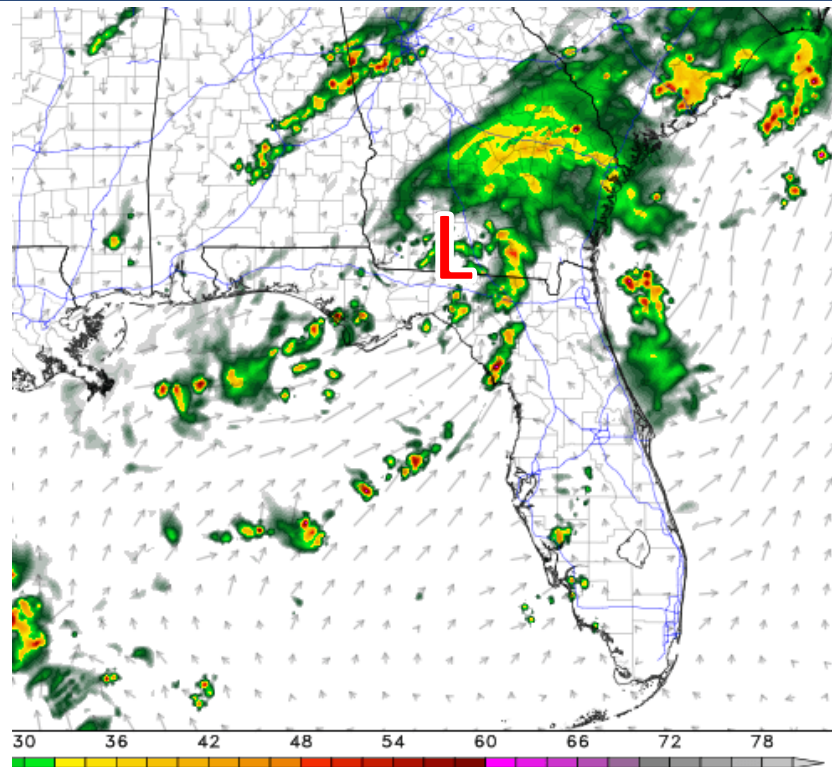


Model Forecast Radar

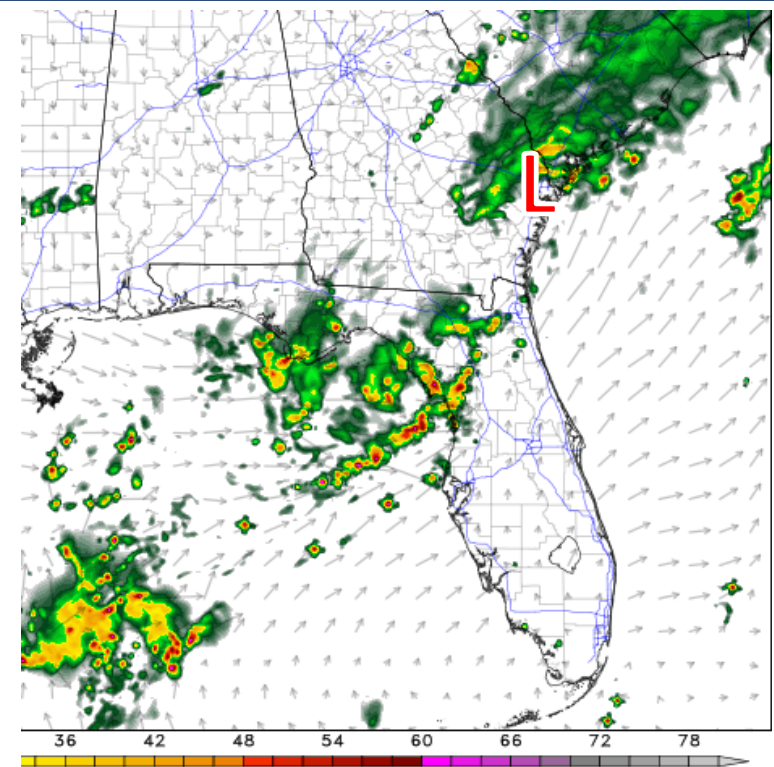
*****Only Model Guidance – Time & Position Will Vary*****



8 PM ET – Near Landfall



12 AM ET



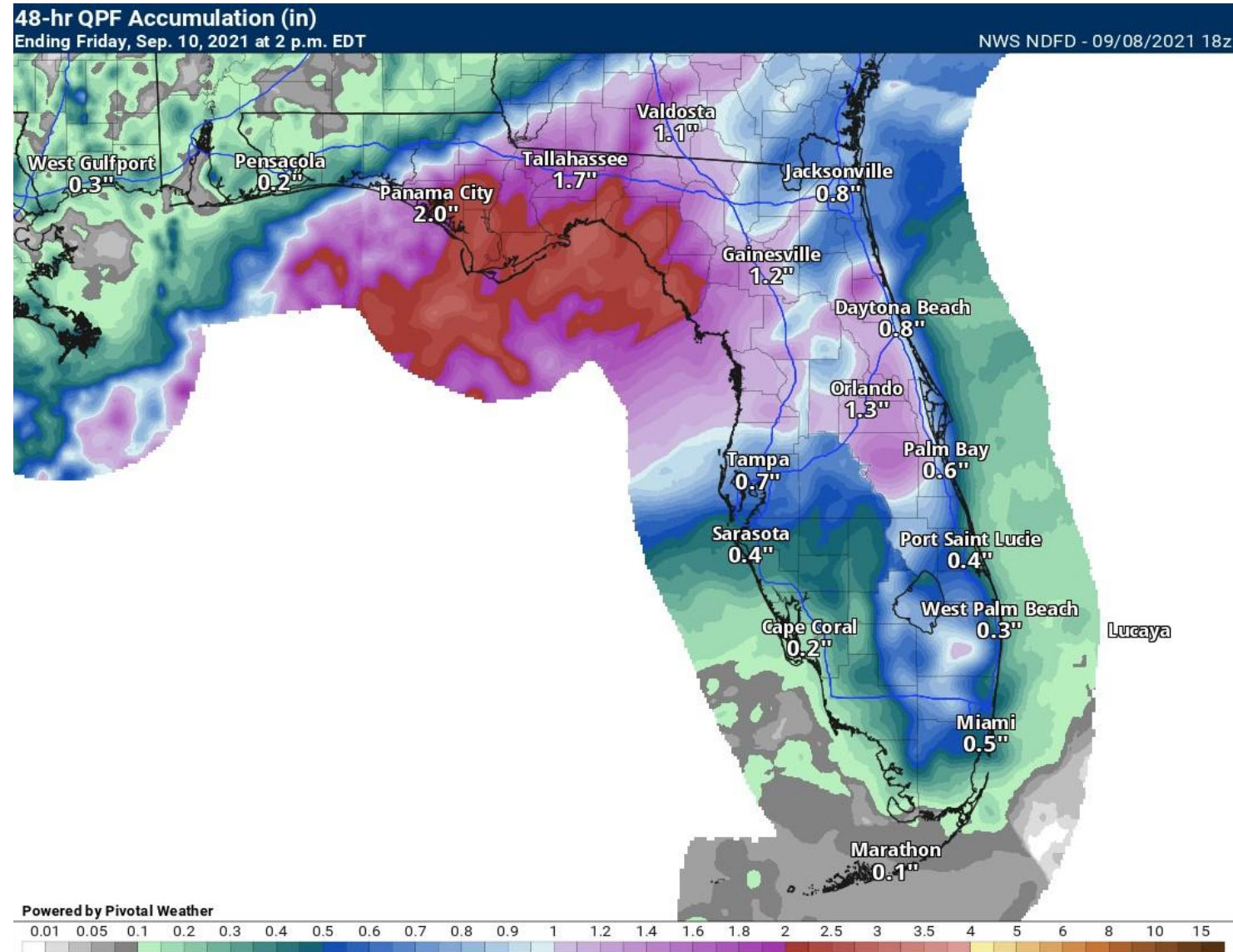
7 AM ET

Tropical Storm Mindy will make landfall in only a few hours and quickly move inland overnight. Trailing rain bands will likely continue, however, across the eastern Panhandle, Big Bend, and Northeast Florida into Thursday morning. Any rain bands tonight may produce gusty winds (35-45 mph), a brief tornado, and heavy rainfall that could result in flash flooding.



Rainfall Totals Next 48 Hours

Ending 2 PM ET Friday



2-4" of rain has already fallen across the eastern Panhandle.

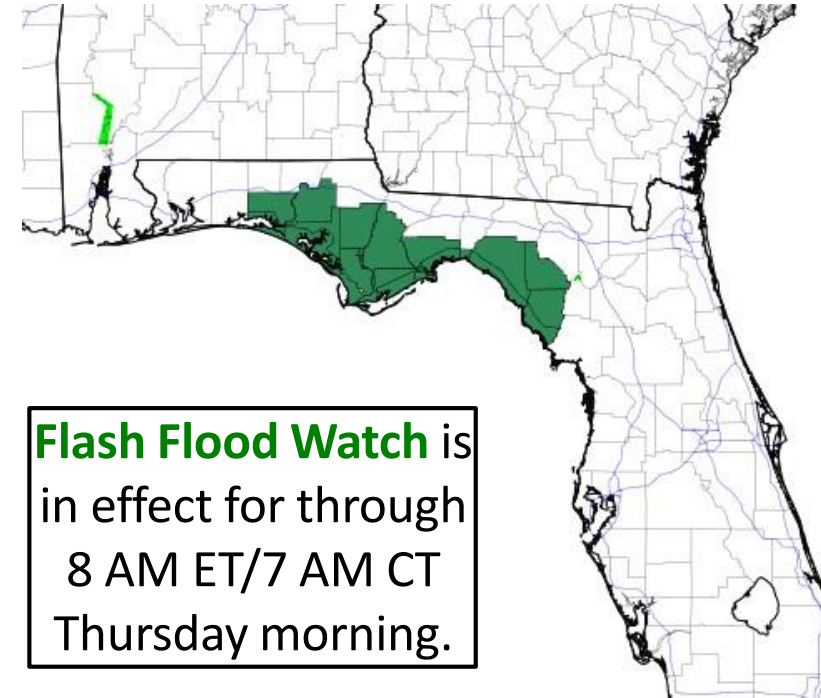
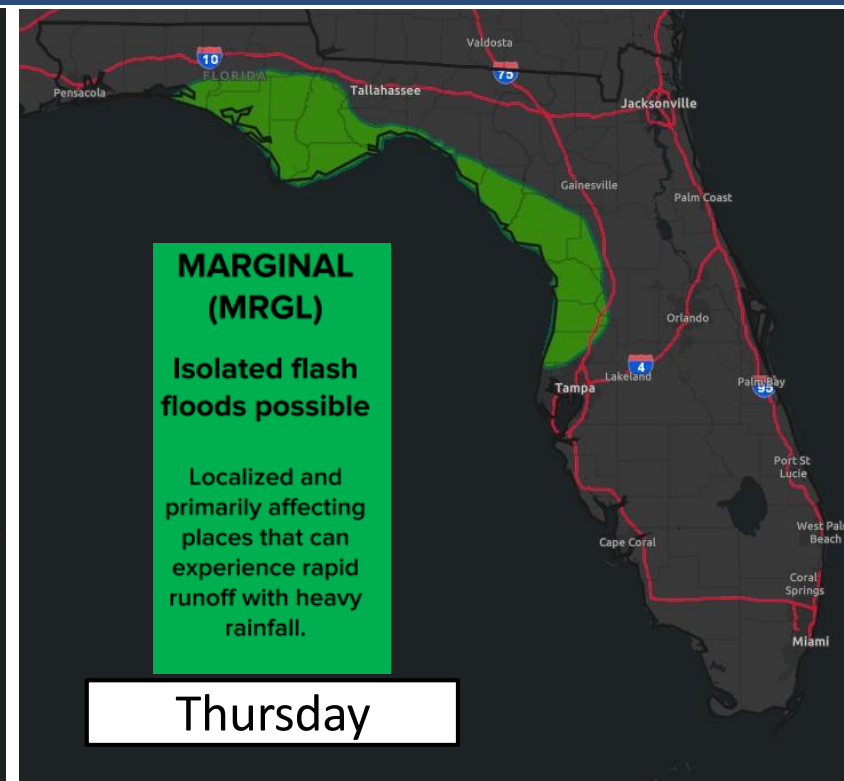
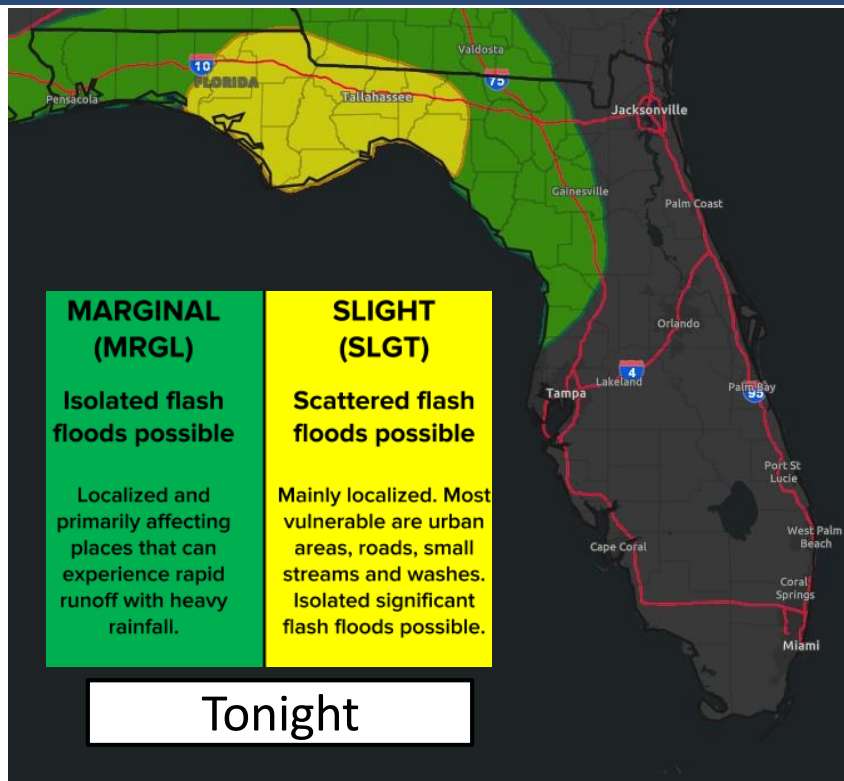
An additional 2-4" of rain is possible with **locally higher totals of 6-7"**, particularly in the Big Bend.

Pockets of heavy rainfall are also possible over the next couple of days in Central and Northeast Florida.



Flash Flood Outlooks

From the Weather Prediction Center



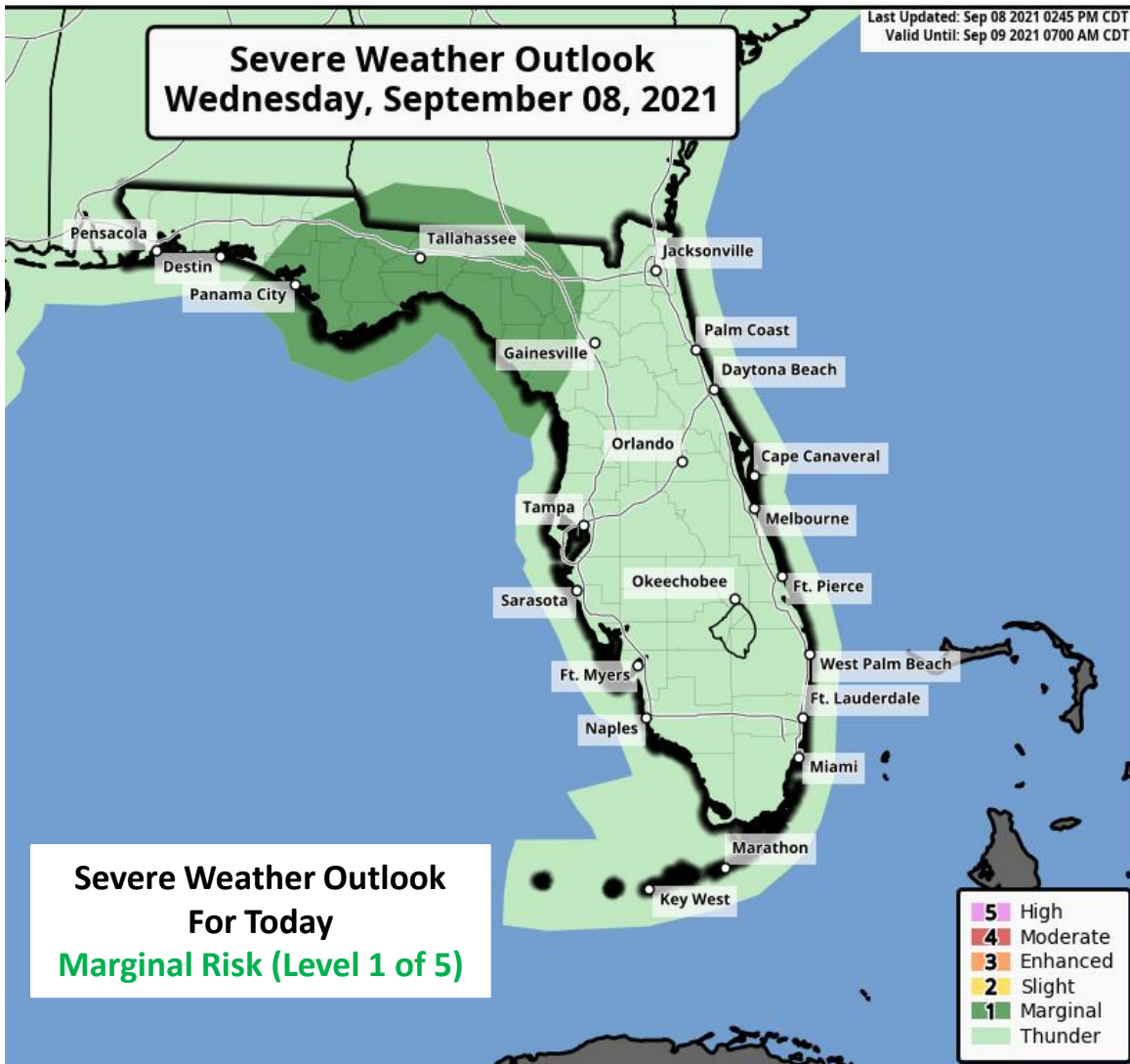
Risk of rainfall exceeding flash flood guidance within 25 miles of a point to the right of a line			
HIGH: > 50%	SLGT: 10%-20%		
MDT: 20%-50%	MRGL: 5%-10%		

Because of the recent heavy rainfall, some flash flooding is possible across portions of the Panhandle and Big Bend as Mindy moves through the region. Road washouts on dirt roads and street flooding in urban areas is possible.



Severe Weather Outlook

From the Storm Prediction Center



Threats: Stronger, more organized thunderstorms associated with Mindy will be capable of producing locally damaging winds, a brief tornado, and frequent lightning.

Location: Eastern Panhandle and Big Bend (locations along the coast may see a more focused area of heavy rainfall and gusty winds).

Timing: Today into the overnight hours. The severe weather threat will dissipate from south to north as Mindy progresses northeastward Thursday.

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



Key Messages

From the National Hurricane Center



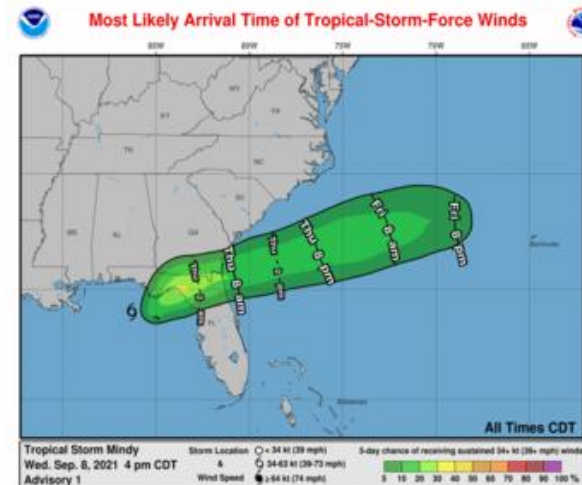
Key Messages for Tropical Storm Mindy

Advisory 1: 4:00 PM CDT Wed Sep 08, 2021



1. Mindy is expected to produce heavy rainfall from the Florida Panhandle into southern portions of Georgia and South Carolina through Thursday morning. This rainfall may produce isolated to scattered flash, urban, and small stream flooding.

2. Tropical storm conditions are expected through tonight in portions of the Florida Panhandle where a Tropical Storm Warning is in effect.



For more information go to hurricanes.gov



Overall Summary

Tropical Storm Mindy (formerly Invest 91L):

- The disturbance that has been tracked in the Gulf of Mexico (Invest 91L) has become organized today.
- At 5 PM ET, the National Hurricane Center began advisories on Tropical Storm Mindy.
- The center of Mindy was located about 90 miles west-southwest of Apalachicola and moving to the northeast at 21 mph.
- Maximum sustained winds are at 40 mph and little change in strength is forecast before landfall tonight.
- Landfall will occur near Port St. Joe/Apalachicola tonight (in about 4-8 hours).
- The system will then weaken as it moves northeast across the Big Bend, Northeast Florida, and South Georgia and emerge over the southwest Atlantic on Thursday.

Florida Outlook:

- **Tropical Storm Warnings** for coastal portions of Franklin, Gulf, Jefferson, and Wakulla county and all of Lafayette and Taylor County (Mexico Beach to Steinhatchee River).
- Wind gusts of 35-45 mph are possible in rain bands across the eastern Panhandle and Big Bend, with sustained winds of 40-45 mph possible in the warning area.
- **Flash Flood Watch** is in effect across portions of the eastern Panhandle and Big Bend through Thursday morning. Flash flooding is possible with widespread rainfall totals of 2-4" and localized totals of 6-7".
- A **high risk of rip currents** is expected at Panhandle beaches through Thursday and Atlantic beaches north of Palm Beach County through Friday.
- The Storm Prediction Center (SPC) is outlooking a **marginal risk of severe weather (level 1 of 5)** tonight across the eastern Panhandle and Big Bend. Thunderstorms associated with Mindy may produce locally damaging winds and a brief tornado today and tonight.
- Significant development with a damaging wind and storm surge threat is not anticipated from Mindy. Tides will only run 1-1.5 feet above normal tonight.

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



TROPICAL UPDATE



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