



TROPICAL UPDATE



5:00 PM EDT

Monday, September 14, 2020

Hurricane Sally, Hurricane Paulette, Tropical Storm Teddy,
Tropical Storm Vicky, Gulf of Mexico Low (20%), Next Tropical
Wave (50%)

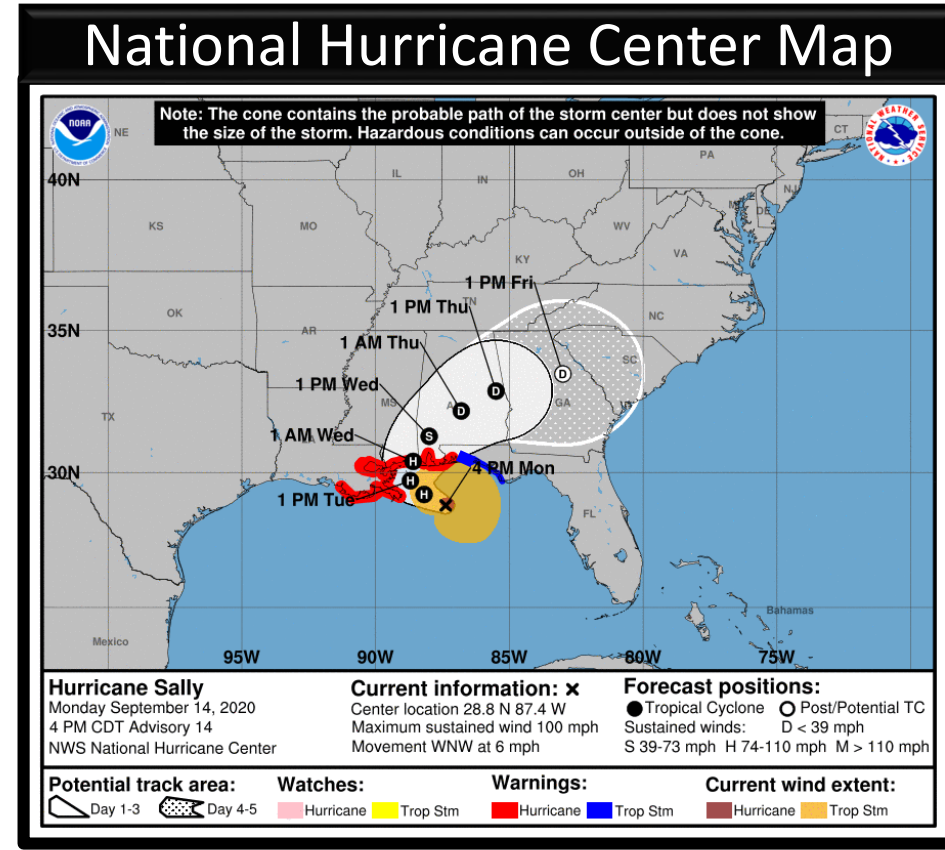
This update is intended for government and emergency response officials, and is provided for informational and situational awareness purposes only. Forecast conditions are subject to change based on a variety of environmental factors. For additional information, or for any life safety concerns with an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



Hurricane Sally

5 PM ET Monday: Florida Threats & Changes Since Last Packet

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



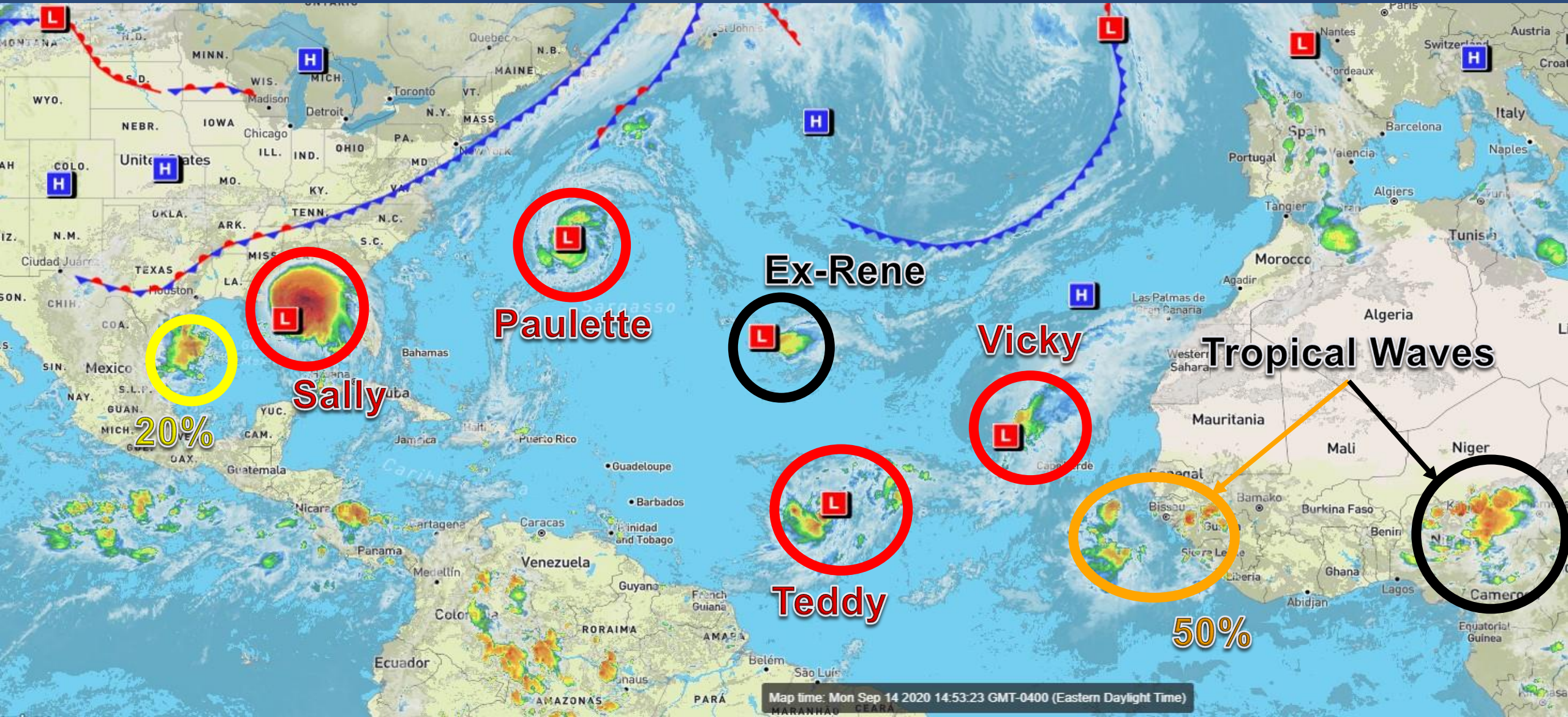
Overview/Recent Changes:

Sally rapidly strengthened today reaching Hurricane status and is now a Category 2. The track shifted slightly east again increasing the possibility of a landfall in Alabama with greater wind, surge, and rain impacts in the western Panhandle. Thus, Hurricane and Storm Surge Warnings have been issued for Pensacola. A significant, multi-day rainfall event is still likely in the Pensacola area. Remember: In this case, impacts will EXTEND WELL EAST of the forecast cone!



Atlantic Basin Satellite Image

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





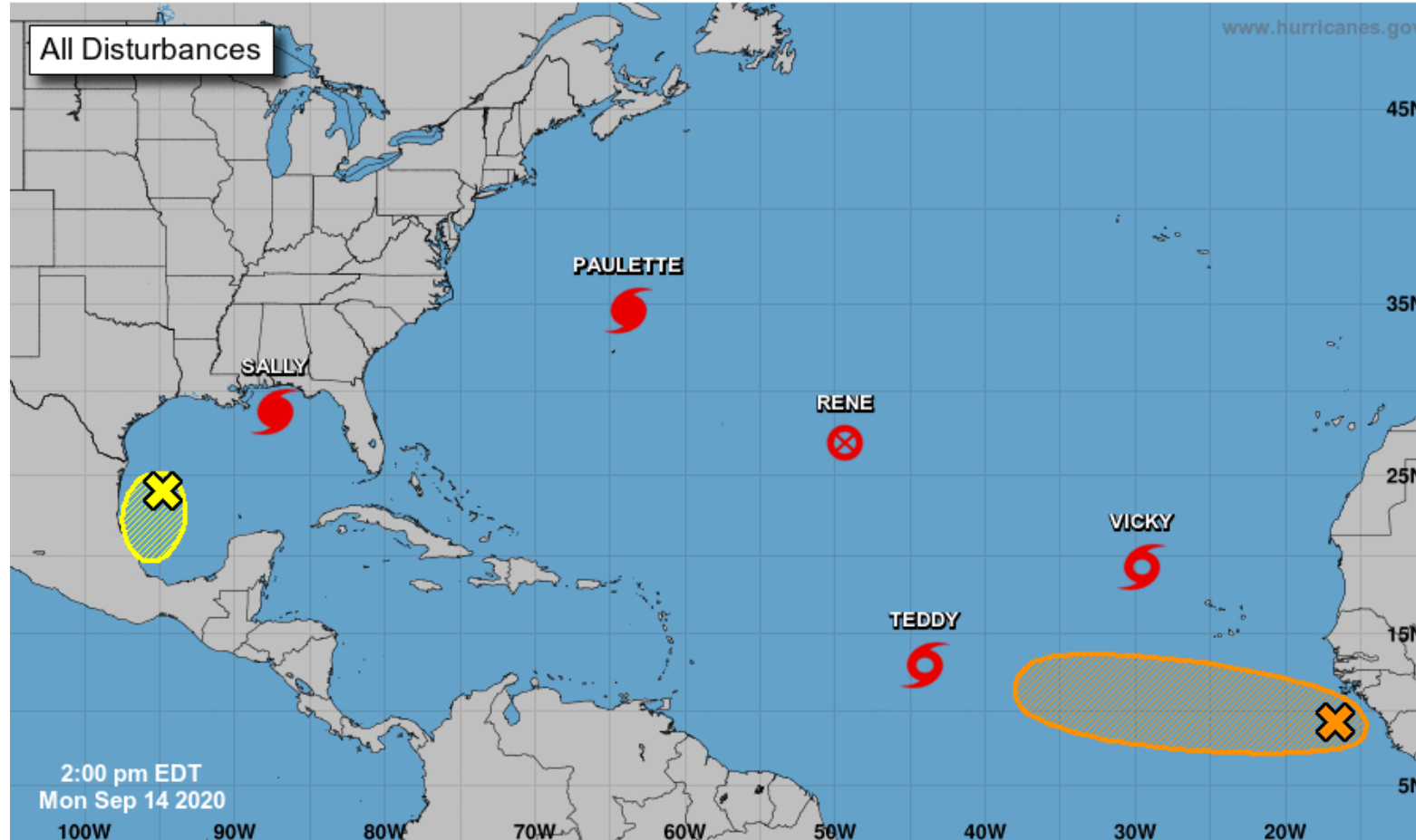
Tropical Weather Outlook

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



Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida

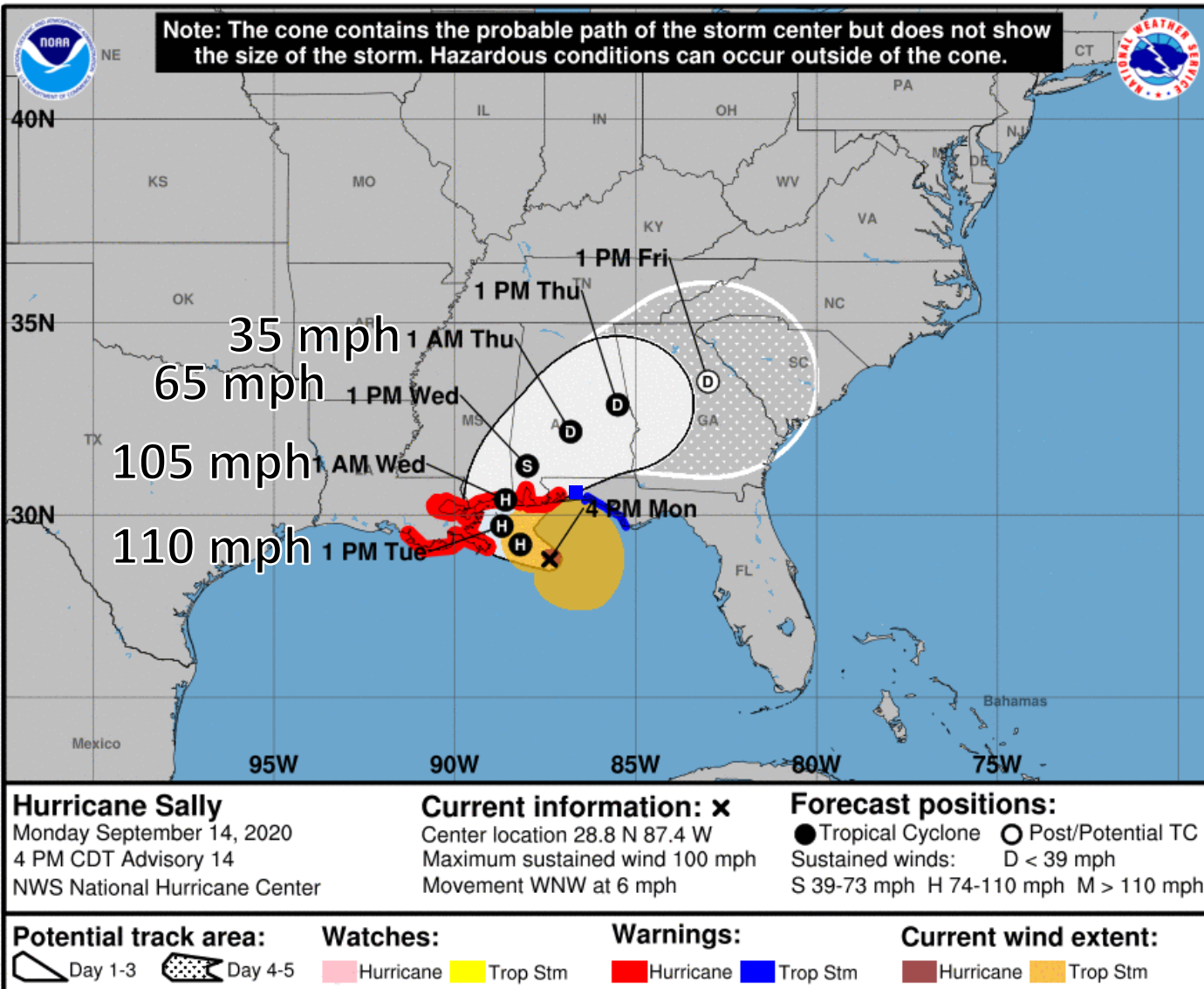


Current Disturbances and Five-Day Cyclone Formation Chance: X < 40% X 40-60% X > 60%
Tropical or Sub-Tropical Cyclone: ○ Depression ⤿ Storm ⤿ Hurricane
⊗ Post-Tropical Cyclone or Remnants



Official Forecast Track

From the National Hurricane Center: Hurricane Sally



- The center of Tropical Storm Sally is located about 100 miles south of Pensacola, FL moving to the west-northwest at a slow and sometimes erratic 6mph.
- Sally rapidly strengthened today with Hurricane Hunter finding Sally at hurricane strength earlier this afternoon. Maximum sustained winds are near 100 mph which makes Sally a Category 2 Hurricane.
- Sally will continue strengthening as it moves west-northwestward over the Gulf of Mexico, and Sally could near Category 3 Major Hurricane tonight or tomorrow.
- Sally will continue to slow down on Tuesday and Wednesday as it turns very slowly northward and eventually northeast. When this turn occurs depends on how close the core of Sally gets to the western Panhandle.
- The track has shifted east resulting in Hurricane and Storm Surge Warnings being issued for Pensacola.

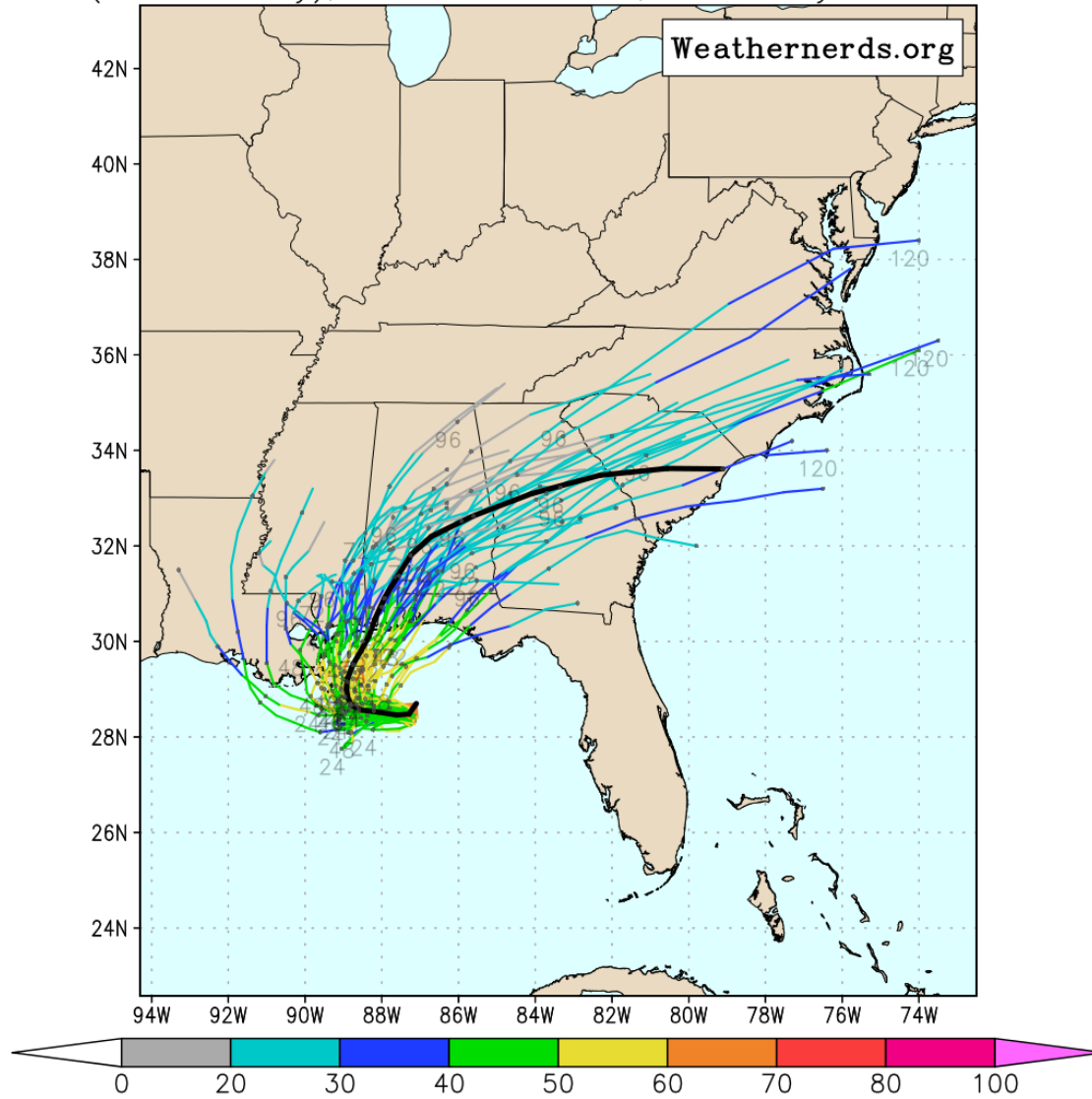
Do NOT focus on the center of the cone! The impacts can and will extend well outside of the cone!



Model Forecasts

Ensemble Models – Hurricane Sally

ECMWF Ens. (0–120h only), init: 2020091412, AL19 Sally color = max wind (kt)



Considerably Higher Spread than Normal for Such Short Forecast Times

With the storm moving slowly in an environment with weak steering currents, there remains more uncertainty than usual with where exactly the turn to the north/northeast occurs and how the storm wobbles as it strengthens.

*****Additional shifts in the forecast track are possible. Please continue to monitor.*****

The most likely scenario continues to be towards the Mississippi/Alabama coastline.



Key Messages

From the National Hurricane Center



Key Messages for Hurricane Sally Advisory 14: 4:00 PM CDT Mon Sep 14, 2020



1. It is too early to determine where Sally's center will move onshore given the uncertainty in the timing and location of Sally's northward turn near the central Gulf Coast. Users should not focus on the details of the official forecast track, since NHC's average forecast error at 36 to 48 hours is around 60 to 80 miles, and dangerous storm surge, rainfall, and wind hazards will extend well away from the center.
2. An extremely dangerous and life-threatening storm surge is expected for areas outside the southeastern Louisiana Hurricane and Storm Damage Risk Reduction System from Port Fourchon, Louisiana, to the Okaloosa/Walton County Line in the Florida Panhandle, where a Storm Surge Warning is in effect. Residents in these areas should follow any advice given by local officials.
3. Hurricane conditions are expected late tonight or early Tuesday within the Hurricane Warning area in southeastern Louisiana and are expected by late Tuesday and Tuesday night within the Hurricane Warning area along the Mississippi and Alabama coastlines and the western Florida Panhandle. Tropical storm conditions are likely to begin this evening in these areas and preparations should be rushed to completion.
4. Life-threatening flash flooding is likely, as well as widespread minor to isolated major flooding, on area rivers along and just inland of the Central Gulf Coast. Significant flash and urban flooding, as well as widespread minor to moderate river flooding is likely across Mississippi and Alabama through the middle of the week. Flooding impacts are expected to spread farther across the Southeast through the week. Sally could continue to produce flash flooding across the Florida peninsula and prolong existing minor river flooding across west-central Florida through today.



For more information go to hurricanes.gov

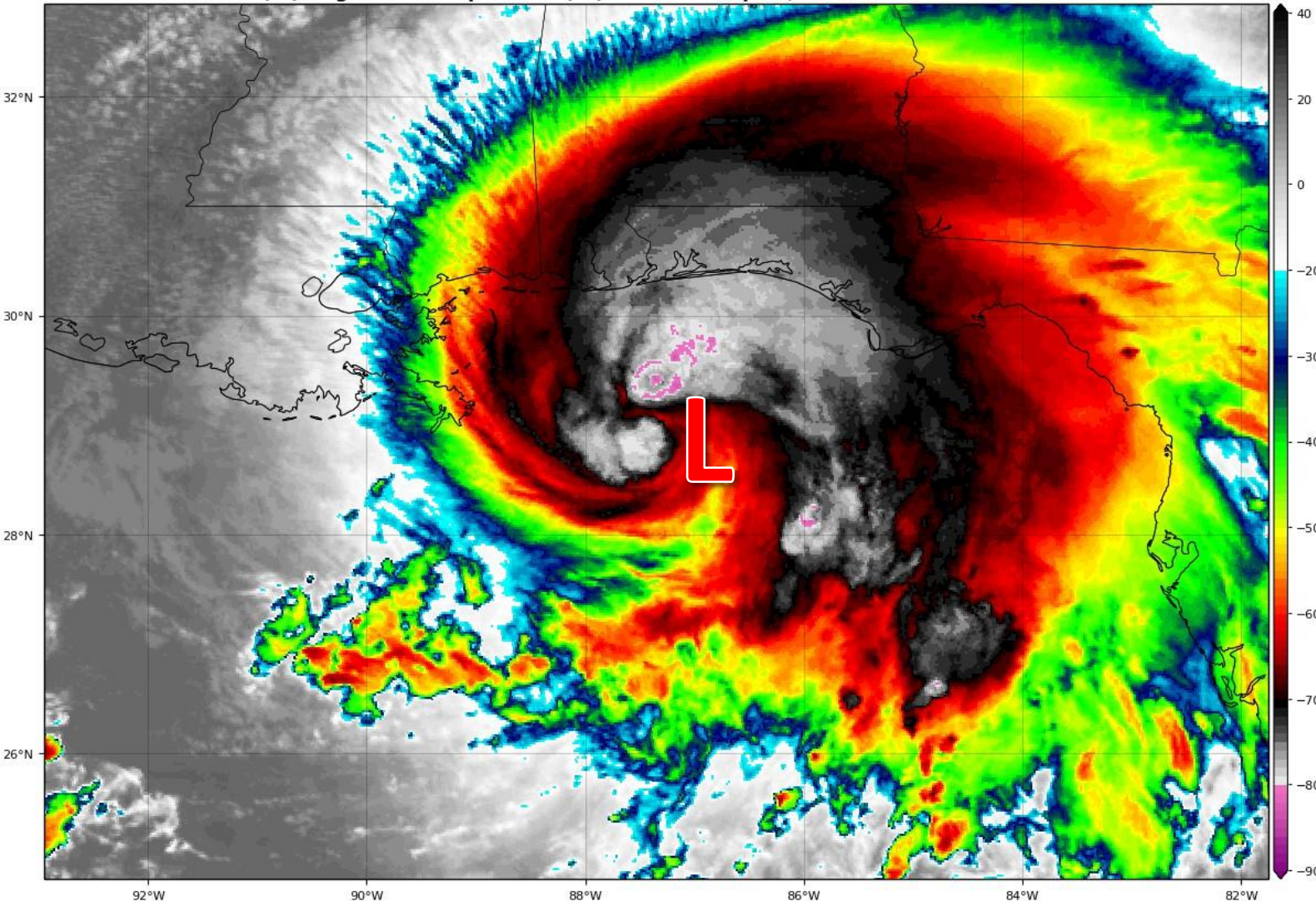


Satellite Imagery

Gulf of Mexico – Hurricane Sally

GOES-16 Channel 13 (IR) Brightness Temperature (°C) at 20:02Z Sep 14, 2020

TROPICALTIDBITS.COM

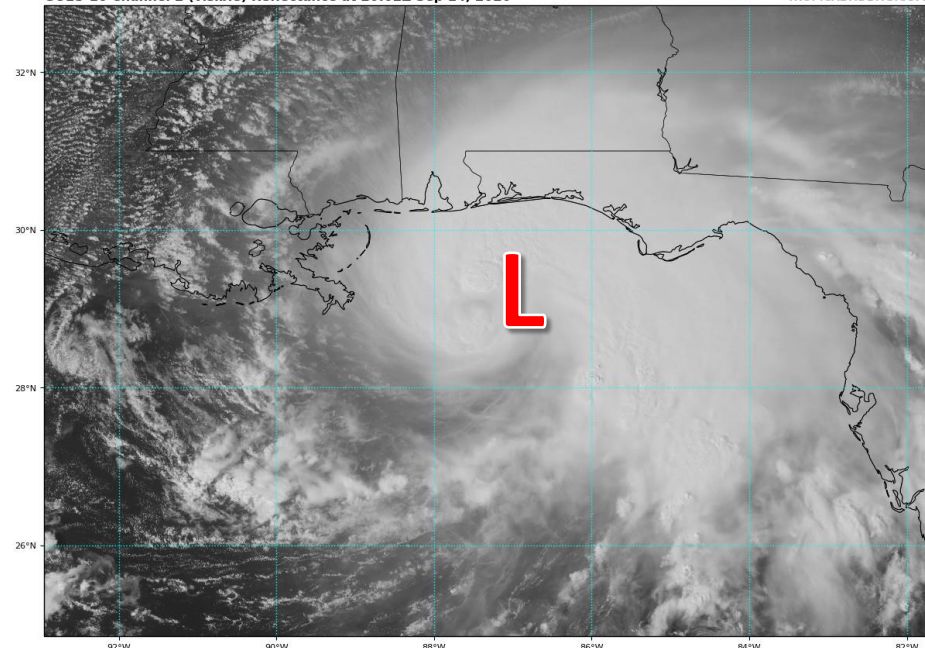


Sally continues to organize producing strong thunderstorms close to the center. However, it is still lopsided, with most of the rainfall currently north and east of the center, marked by the “L”.

An eye appears to be developing and the system is likely to become more symmetric overnight as it continues to strengthen.

GOES-16 Channel 2 (visible) Reflectance at 20:02Z Sep 14, 2020

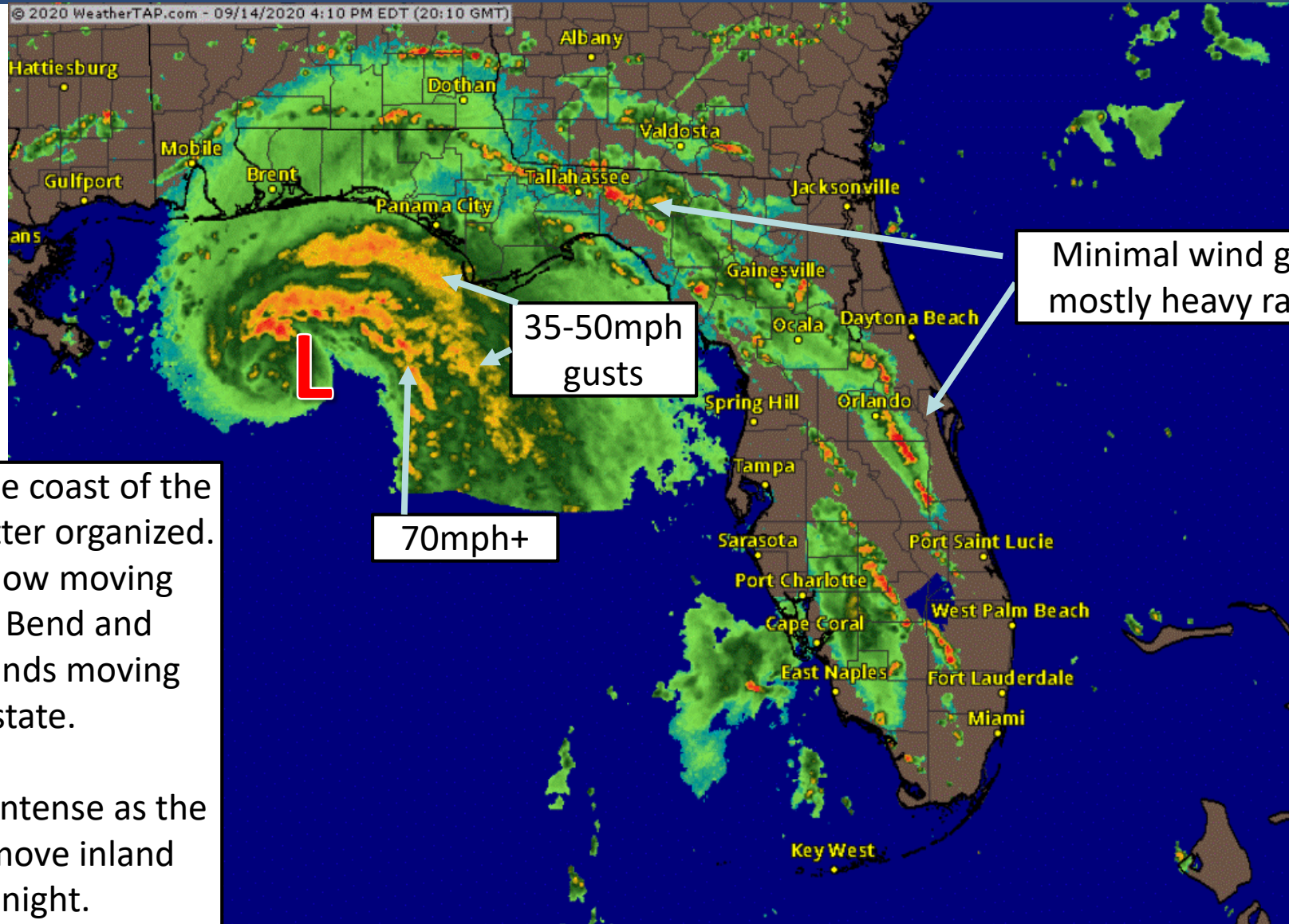
TROPICALTIDBITS.COM





Current Florida Radar

As of 4:15 PM ET



Hurricane Sally is located off the coast of the Panhandle and is becoming better organized. Steady rainfall from Sally is now moving inland into the western Big Bend and Panhandle with outer rain bands moving across the rest of the state.

Rain bands will become more intense as the steady rainfall continues to move inland along the Panhandle tonight.



Damaging Wind Threat Overview

Hurricane Sally

Sustained tropical storm force winds around 40 mph with gusts to 55 mph are possible along the immediate coast of the Panhandle where the hurricane and Tropical Storm Warnings are in effect tonight.

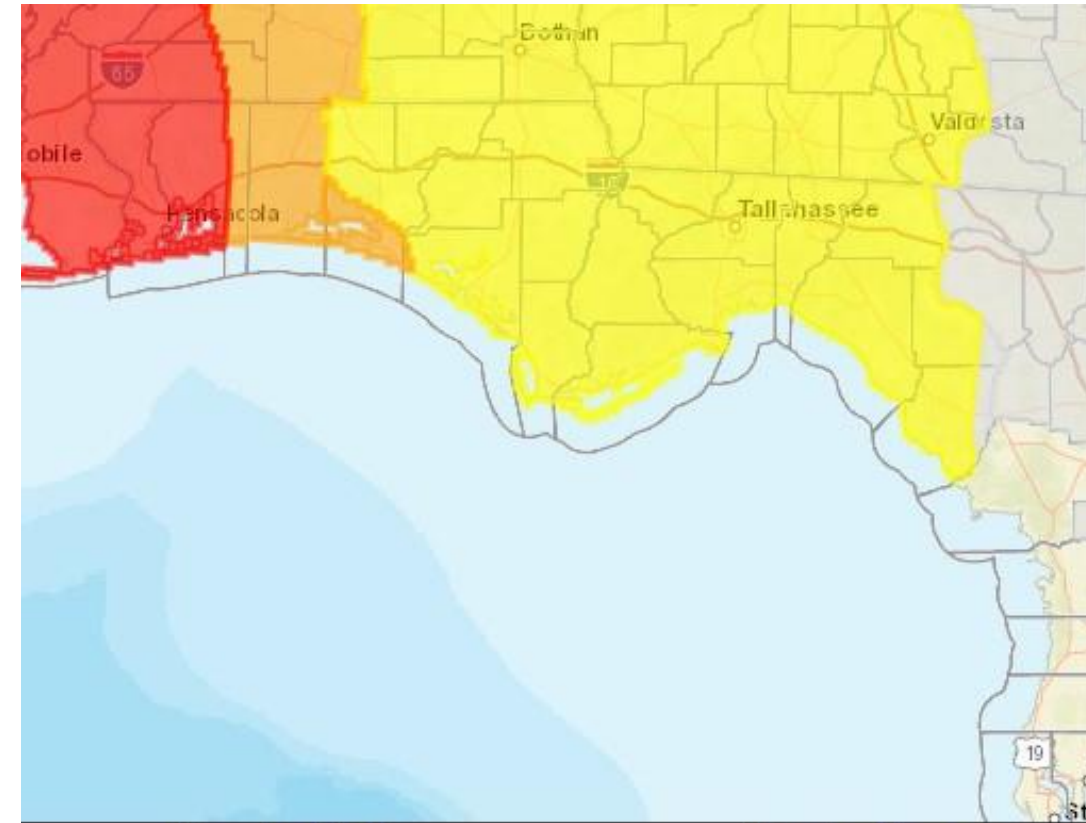
In the western Panhandle, wind gusts of 70-80 mph could occur Tuesday/Wednesday resulting in some areas of damage.

Across the rest of North Florida, wind gusts of 30-50mph are possible in heavier showers/thunderstorms Tuesday and possibly Wednesday.

These risks may increase or decrease in the western Panhandle depending on the track and intensity of Sally.

[https://www.weather.gov/srh/tropical?
office=mob](https://www.weather.gov/srh/tropical?office=mob)

Click on "Threats and Impacts" Tab



[\[Download KML\]](#)

[\[Download Image\]](#)

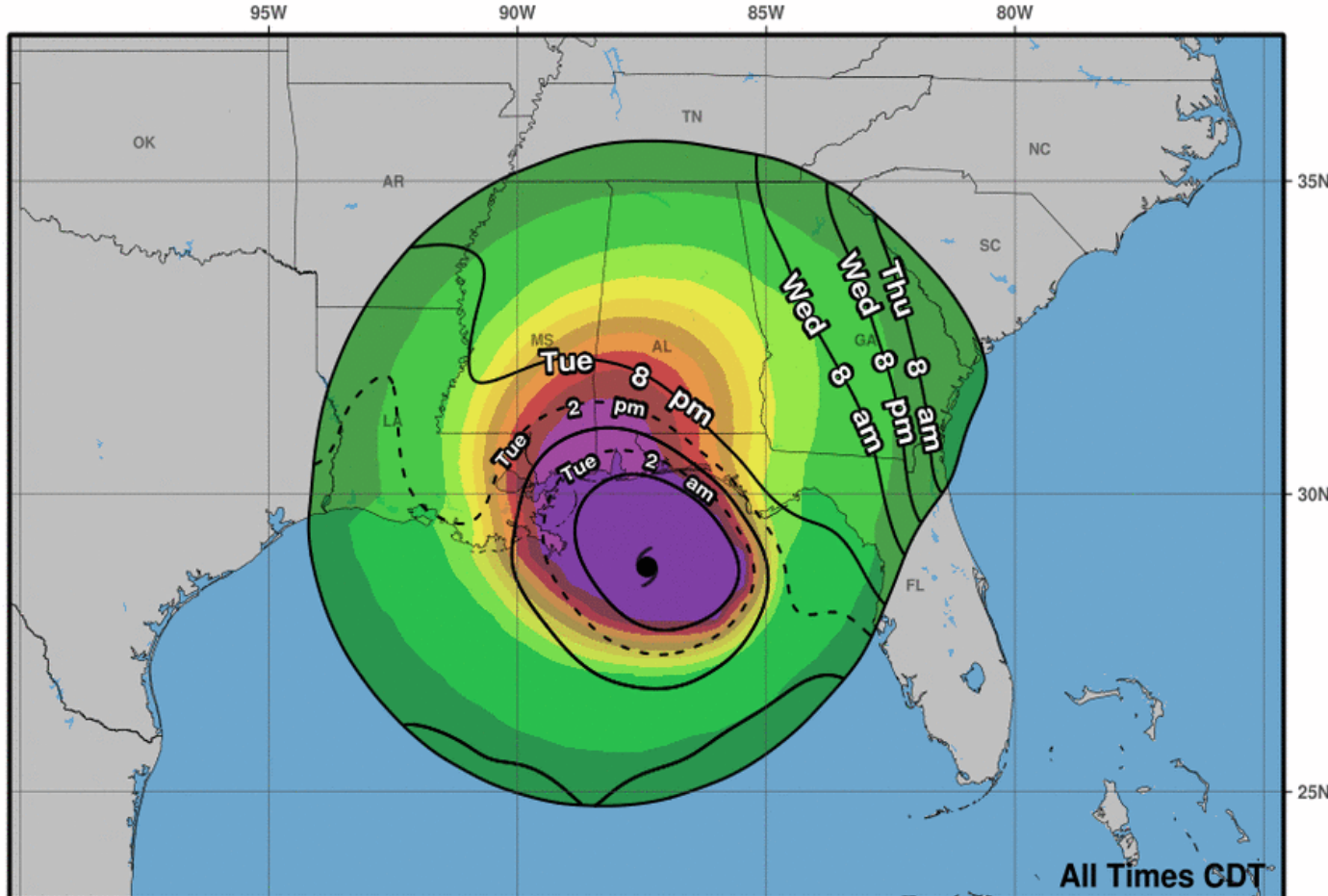
Wind Threat
Potential for wind greater than 110 mph
Potential for wind 74 to 110 mph
Potential for wind 58 to 73 mph
Potential for wind 39 to 57 mph
Wind less than 39 mph



Time of Arrival & Wind Speed Probabilities

EARLIEST REASONABLE Time of Arrival of Tropical Storm Force Winds (>39 mph)

Most Likely Arrival Time of Tropical-Storm-Force Winds



Tallahassee: 20% (+7)
Apalachicola: 30% (-2)
Panama City: 48% (+3)
Destin: 69% (+28)
Milton: 83% (+31)
Pensacola: 90% (+31)
Pensacola NAS: 97% (+26)

With the tropical storm force wind field growing to the east and north of the center, and the track shifting east, probabilities have increased.

Tropical storm force wind gusts are ongoing along the coast of the Panhandle. Sustained tropical storm force winds are most likely to begin tonight, with winds continuing into Tuesday and Wednesday.

Hurricane Sally
Mon. Sep. 14, 2020 4 pm CDT
Advisory 14

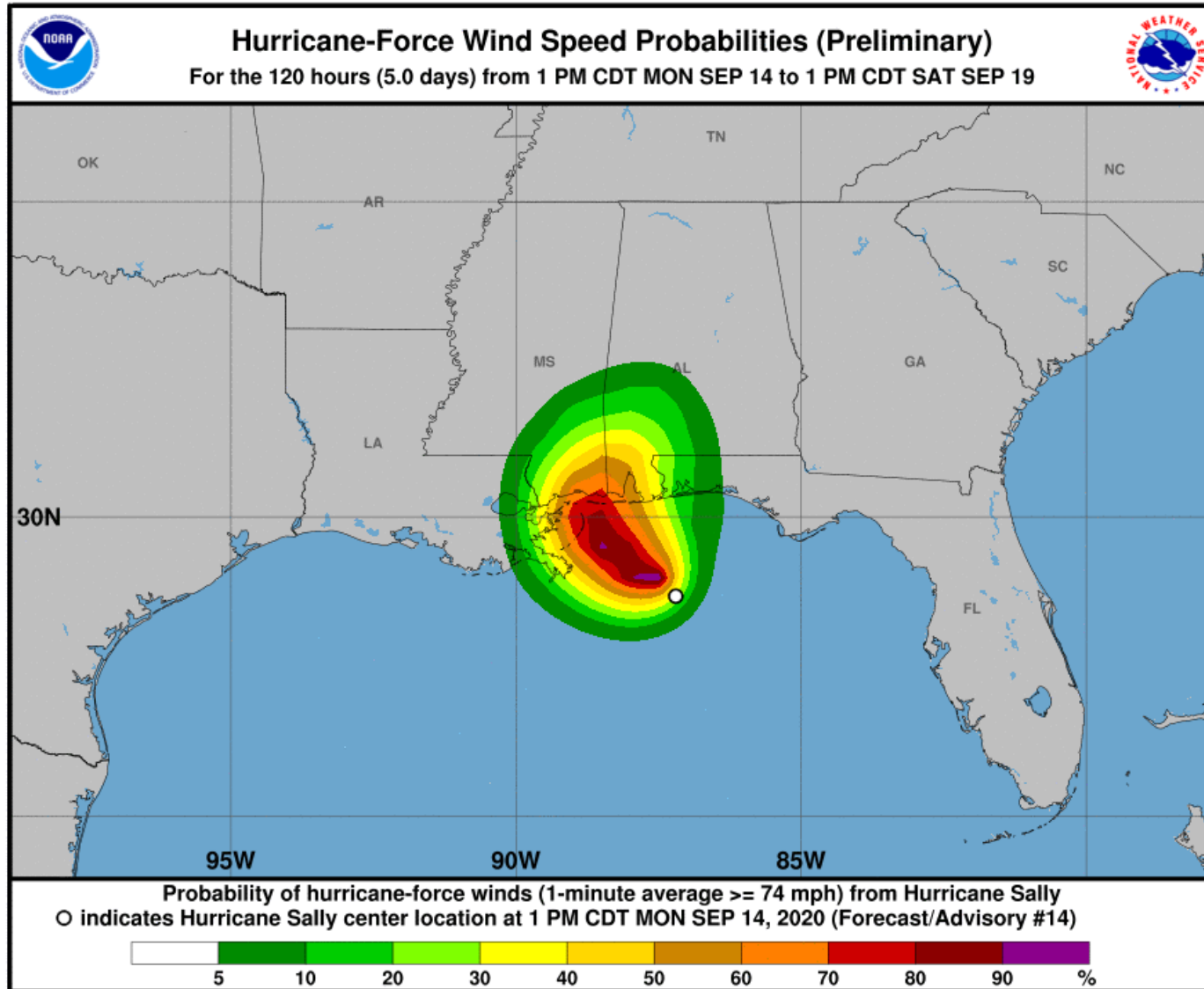
Storm Location & Wind Speed
○ < 34 kt (39 mph)
○ 34-63 kt (39-73 mph)
● ≥ 64 kt (74 mph)

5-day chance of receiving sustained 34+ kt (39+ mph) winds
5 10 20 30 40 50 60 70 80 90 100 %



Hurricane Wind Speed Probabilities

Probabilities of Sustained Hurricane Force Winds (>74 mph)



Panama City: 3%

Destin: 5%

Milton: 12% (+10)

Pensacola: 16% (+13)

Pensacola NAS: 21% (+15)

The odds of hurricane force winds in the far western Panhandle are currently 10-20%, or 1 in 10 to 1 in 5.

These numbers have more than doubles since this morning and Hurricane Warnings have been issued.



Wind Watches and Warnings

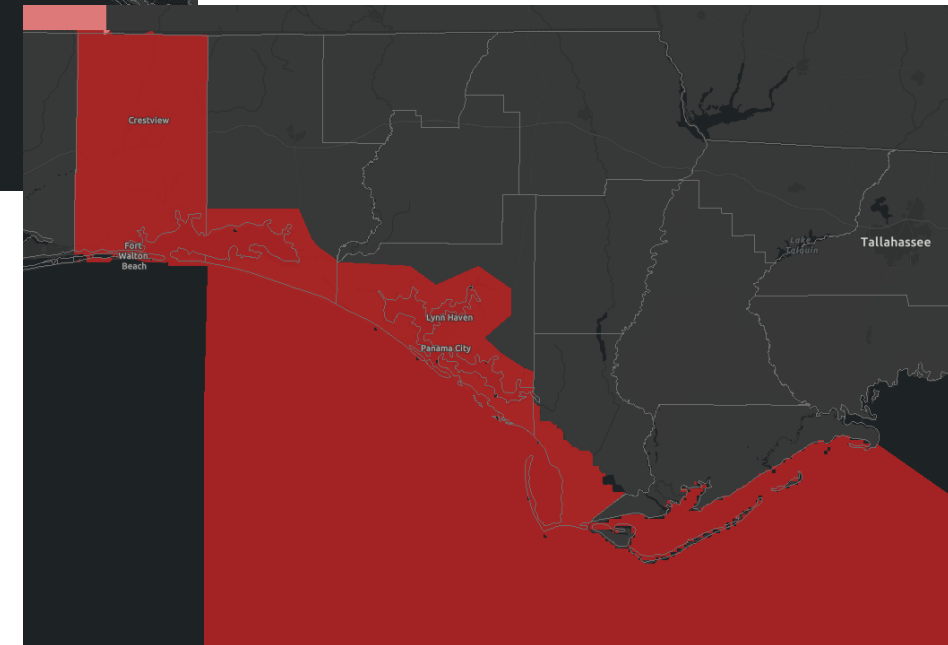
In Effect Until Further Notice

Hurricane Warnings: Escambia & Santa Rosa

Tropical Storm Warnings:
Okaloosa, south Walton, coastal Bay, and coastal Gulf.

Impacts limited to isolated power outages and a few downed trees.

Power outages made be more widespread in the hurricane warning areas.



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**



NWSMobile



weather.gov/mob



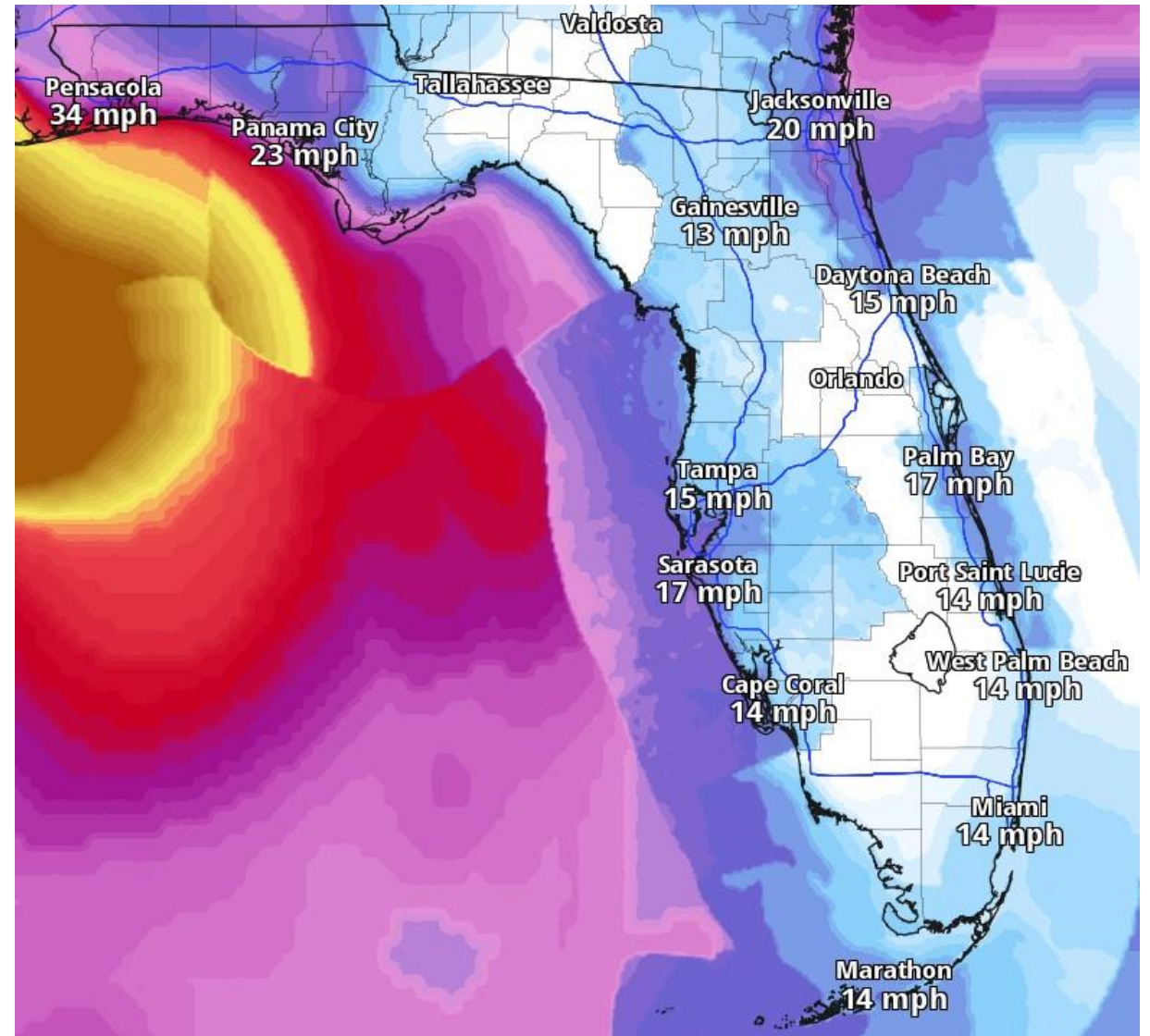
Forecast Wind Speeds Overnight

Next 12 Hours – Higher Gusts in Squalls

Wind speeds of 20-30 mph are expected in the Panhandle tonight.

Higher gusts are likely in squalls!

The highest winds will likely occur Tuesday afternoon through Wednesday morning.





Flood Threat Overview

Hurricane Sally

The greatest flood threat is across the Panhandle and Big Bend starting tonight and continuing through the day on Wednesday. However, flooding is possible nearly anywhere in the state due to Sally today and tomorrow.

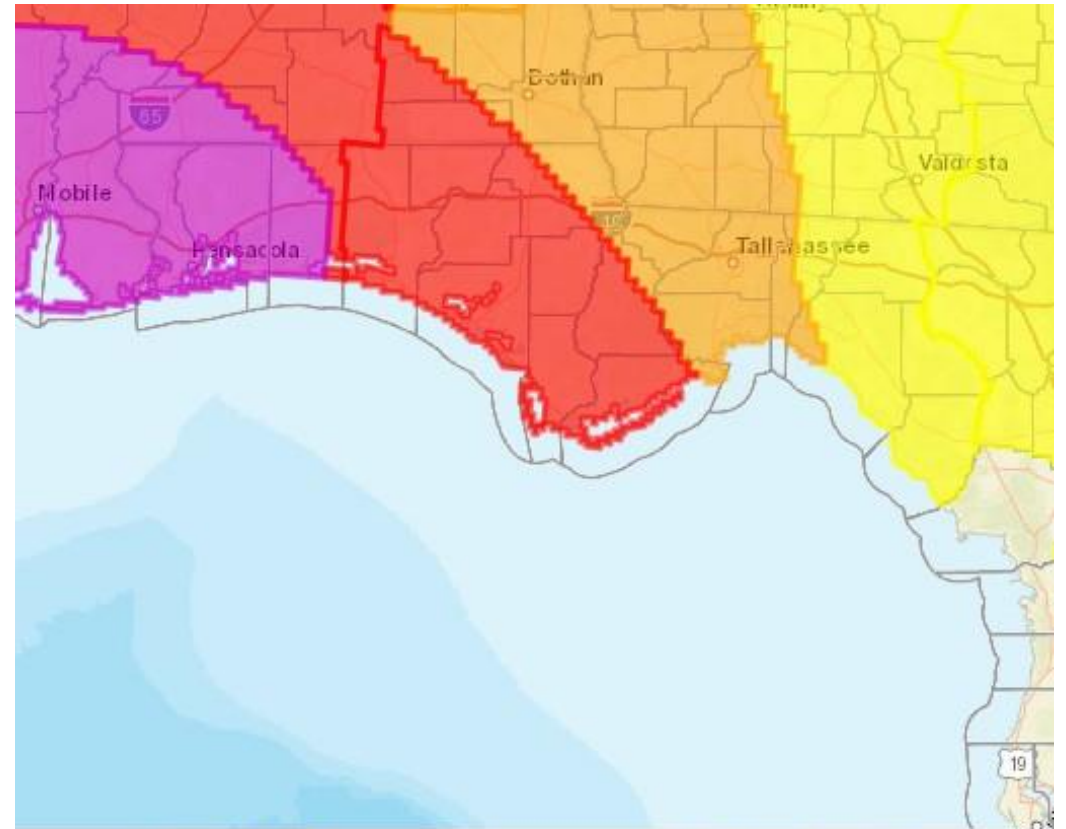
5 Day Rainfall Totals:

- **Northeast Florida & Peninsula:** 1-3"
- **Big Bend:** 2-4", locally 6"
- **Panhandle:** 6-10", locally 12"
- **Pensacola:** 10-15", locally 20"

Flash Flood Watches are in effect for the Panhandle until Thursday morning!

[https://www.weather.gov/srh/tropical?
office=mob](https://www.weather.gov/srh/tropical?office=mob)

Click on "Threats and Impacts" Tab



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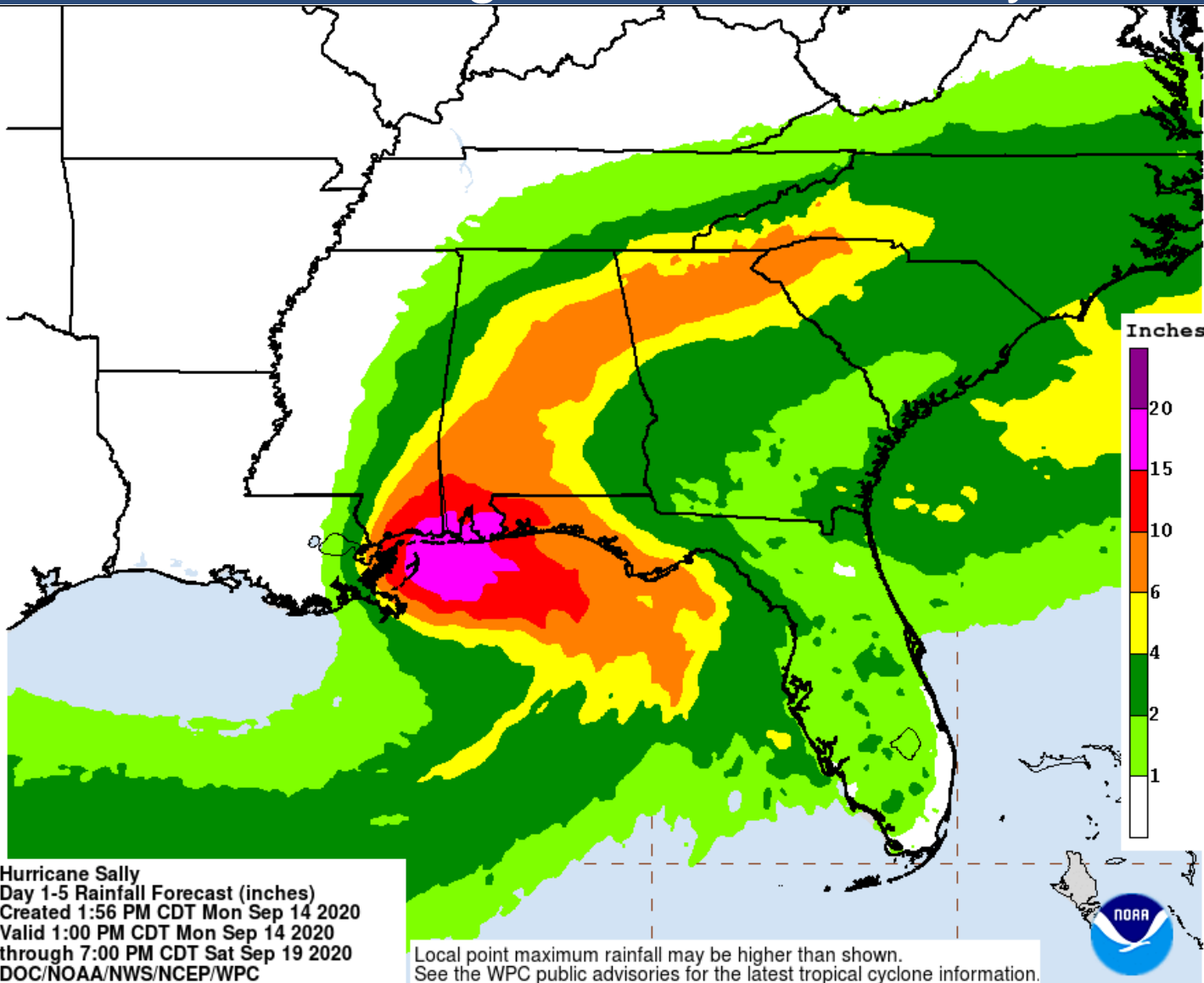
[Download Image]

Flooding Rain Threat
Potential for extreme flooding rain
Potential for major flooding rain
Potential for moderate flooding rain
Potential for localized flooding rain
Little to no potential for flooding rain



Rainfall Totals Next 5 Days

Ending 8 PM ET Saturday 9/19 – Hurricane Sally



An additional 1-3" of rain is expected over the next 5 days in the Peninsula and Northeast Florida. Significant rainfall is still to come in the Panhandle.

5 Day Rainfall Totals:

- **Northeast Florida & Peninsula:** 1-3"
- **Big Bend:** 2-4", locally 6"
- **Panhandle:** 6-10", locally 12"
- **Pensacola:** 10-15", locally 20"

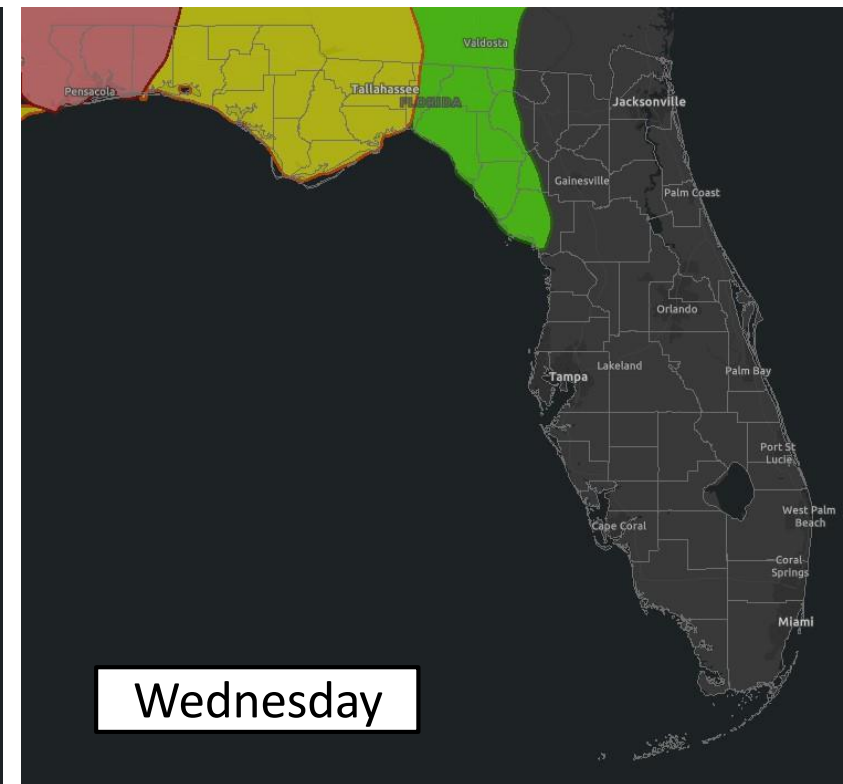
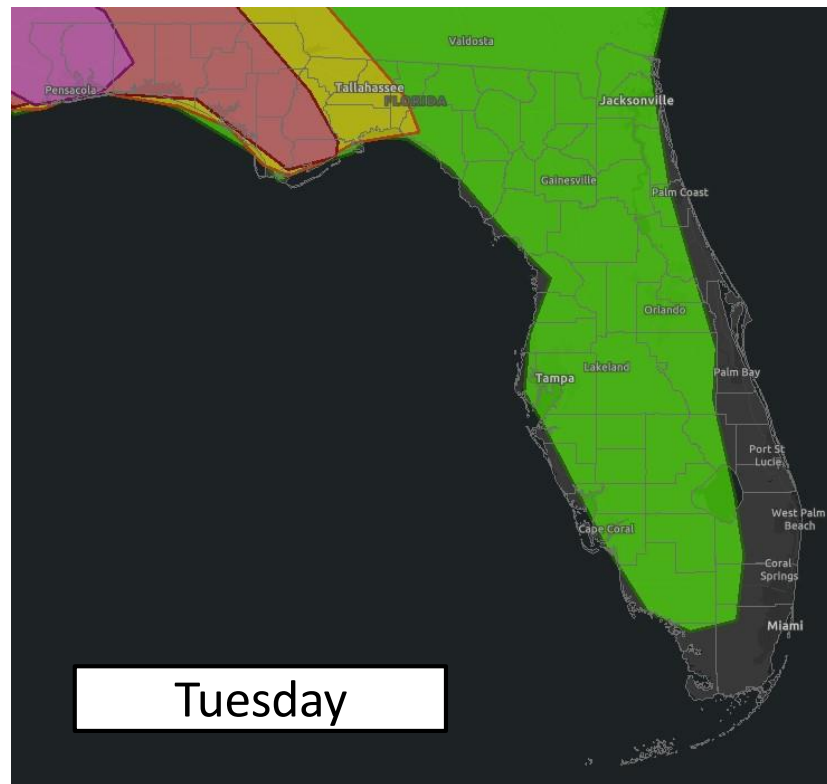
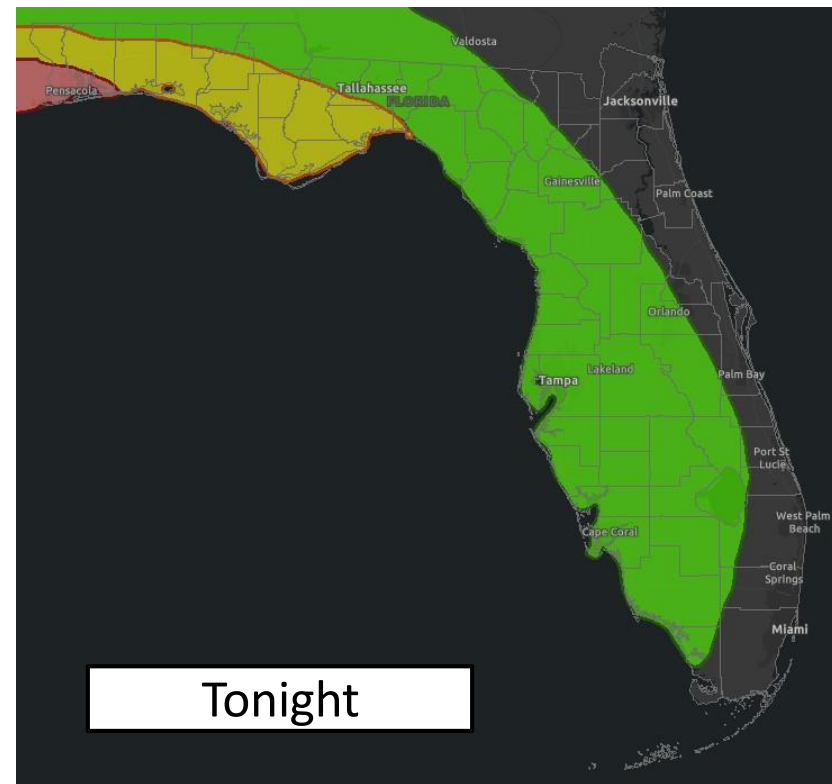
Rainfall impacts will extend well east from the center.

These rainfall totals may also increase in Northwest Florida if the track were to shift northward or eastward.



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%

A significant flash flood risk exists in the western Panhandle through the middle of this week, particularly on Tuesday/Tuesday Night. ****HIGH RISK****




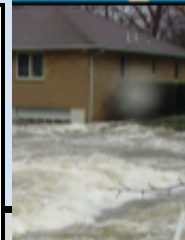
An isolated flash flood is possible across the Peninsula.



Flash Flood Risk Categories

Understanding the Weather Prediction Center Risk Scale

Understanding WPC Excessive Rainfall Risk Categories

<div>No Area/Label</div> <div>Flash floods are generally not expected.</div> <div>www.wpc.ncep.noaa.gov @NWSWPC</div>		<div>MARGINAL (MRGL)</div> <div>Isolated flash floods possible</div> <div>Localized and primarily affecting places that can experience rapid runoff with heavy rainfall.</div>	<div>SLIGHT (SLGT)</div> <div>Scattered flash floods possible</div> <div>Mainly localized. Most vulnerable are urban areas, roads, small streams and washes. Isolated significant flash floods possible.</div>	<div>MODERATE (MDT)</div> <div>Numerous flash floods likely</div> <div>Numerous flash flooding events with significant events possible. Many streams may flood, potentially affecting larger rivers.</div>	<div>HIGH (HIGH)</div> <div>Widespread flash floods expected</div> <div>Severe, widespread flash flooding. Areas that don't normally experience flash flooding, could. Lives and property in greater danger.</div>
<div>Flash flooding near me?</div>	<div>Flash Flooding</div> <div>NO Flash Flooding</div>				
<div><div>WEATHER PREDICTION CENTER</div></div>			<div>Risk of rainfall exceeding flash flood guidance within 25 miles of a point to the right of a line</div> <div>HIGH: > 50% MDT: 20%-50%</div> <div>SLGT: 10%-20% MRGL: 5%-10%</div>		



Flood/Flash Flood Watches

NWS Links: [Mobile](#) | [Tallahassee](#) | [Tampa Bay](#) | [Miami](#)

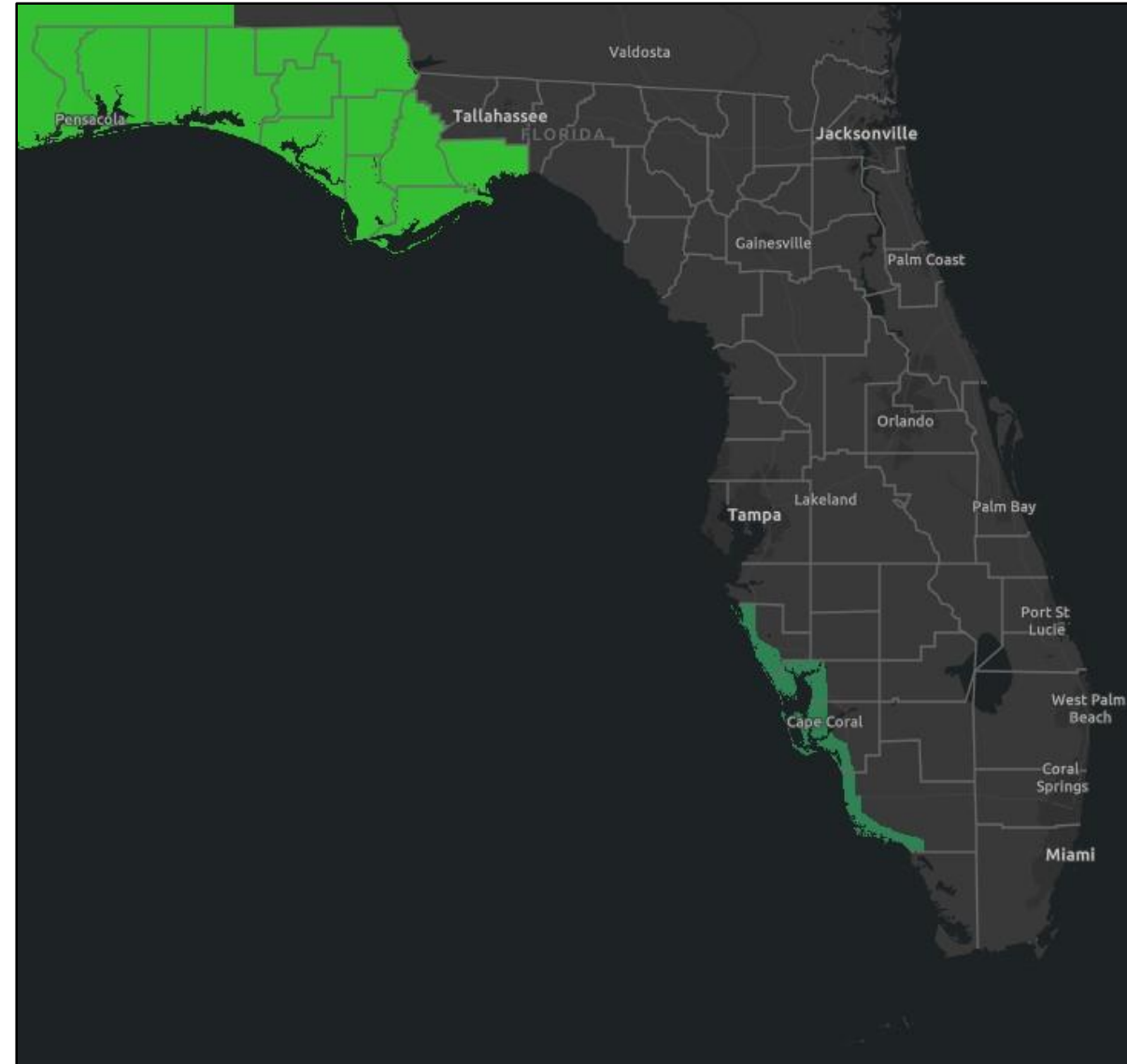
Flash Flood Watches until Thursday morning:

All of Region 1 & Franklin, Liberty, and Wakulla County

Areal Flood Watches until this evening:

Coastal Sarasota, Charlotte, Lee, and Collier

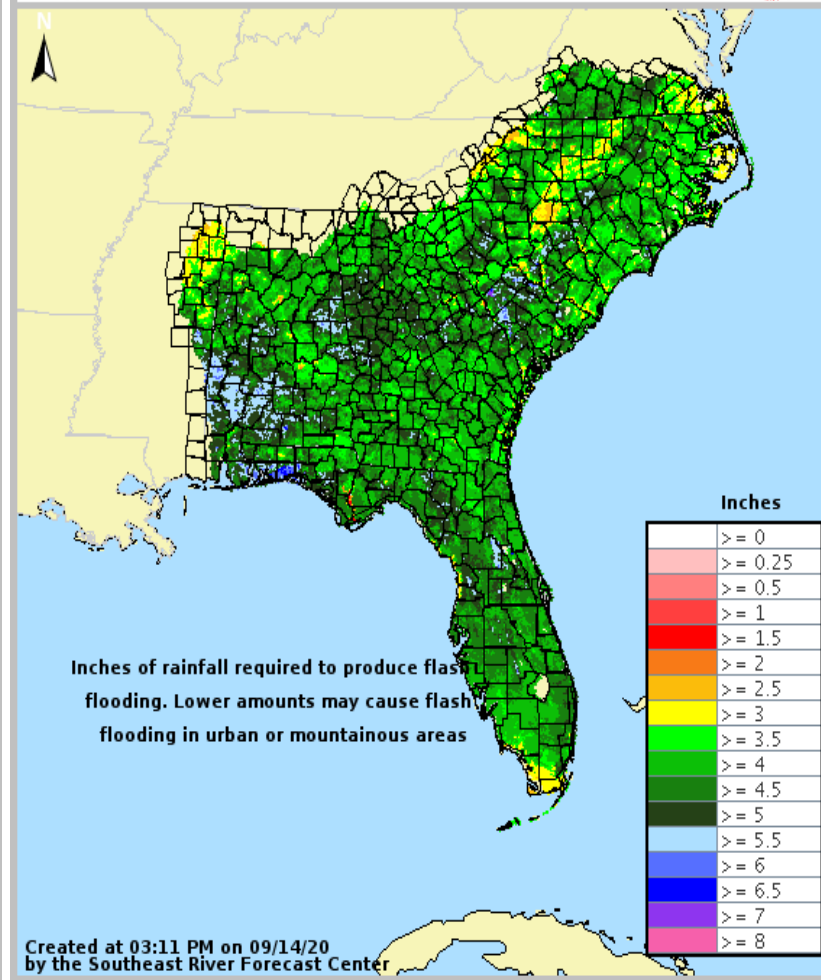
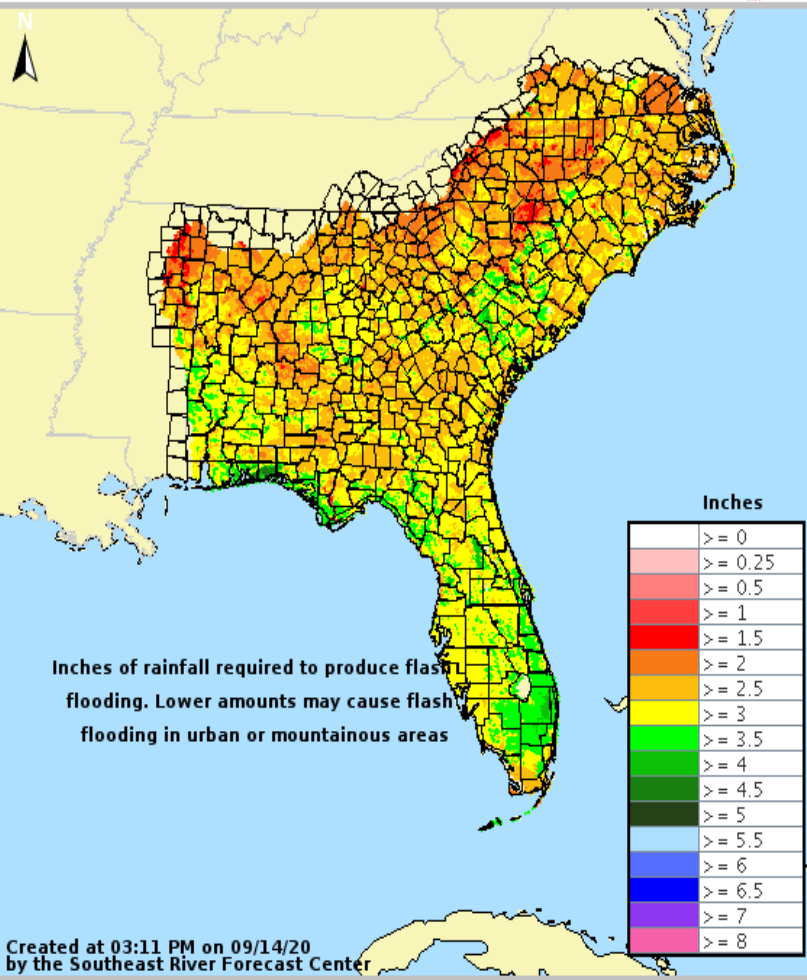
River flooding is also likely across North Florida as we head into next week. River flooding continues along the West Coast.





Flash Flood Guidance

How Much Rain is Needed to Create Flash Flooding?



Along the West Coast, it will only take about 1.5-3" of rain within 1 hour or 3-4" within 6 hours to cause flash flooding due to recent heavy rainfall.

Elsewhere in the state, it will take about 3-4" in 1 hour or 5+" within 6 hours to cause flash flooding.



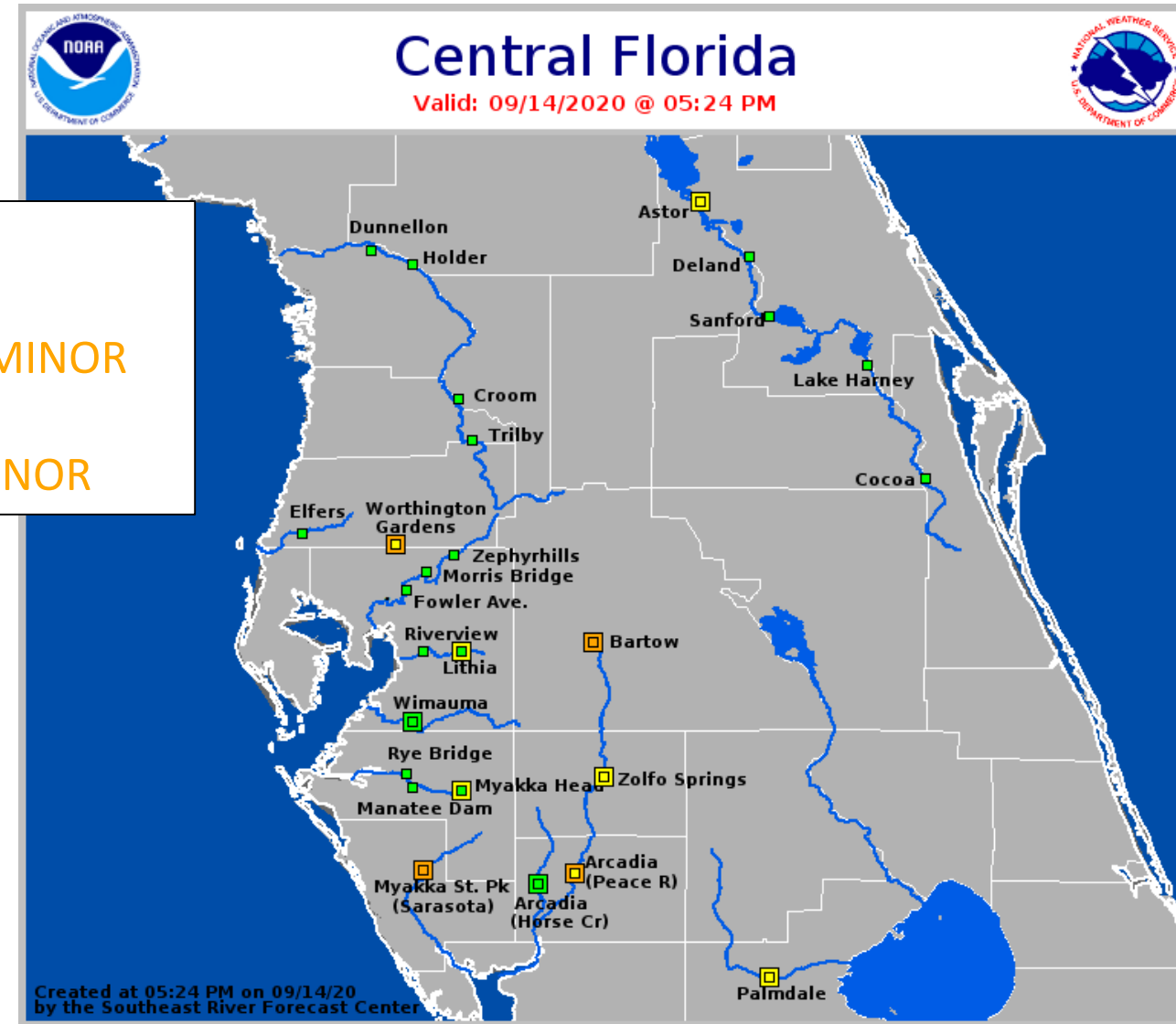
Current & Forecast River Flooding

Central Florida – Southeast River Forecast Center

Rivers Currently in or Forecast to Reach Flood Stage:

- [Peace River at Bartow](#) – RISING / **MINOR**
- [Peace River at Arcadia](#) – RISING / **MINOR**
- [Myakka River at Myakka River State Park](#) – RISING / **MINOR**
- [Ocklawaha River at Rodman Dam](#) – STEADY / **MINOR**
- [Cypress Creek at Worthington Gardens](#) – RISING / **MINOR**

More details on river levels available at the [Southeast River Forecast Center website](#).





Current & Forecast River Flooding

Panhandle – Southeast River Forecast Center

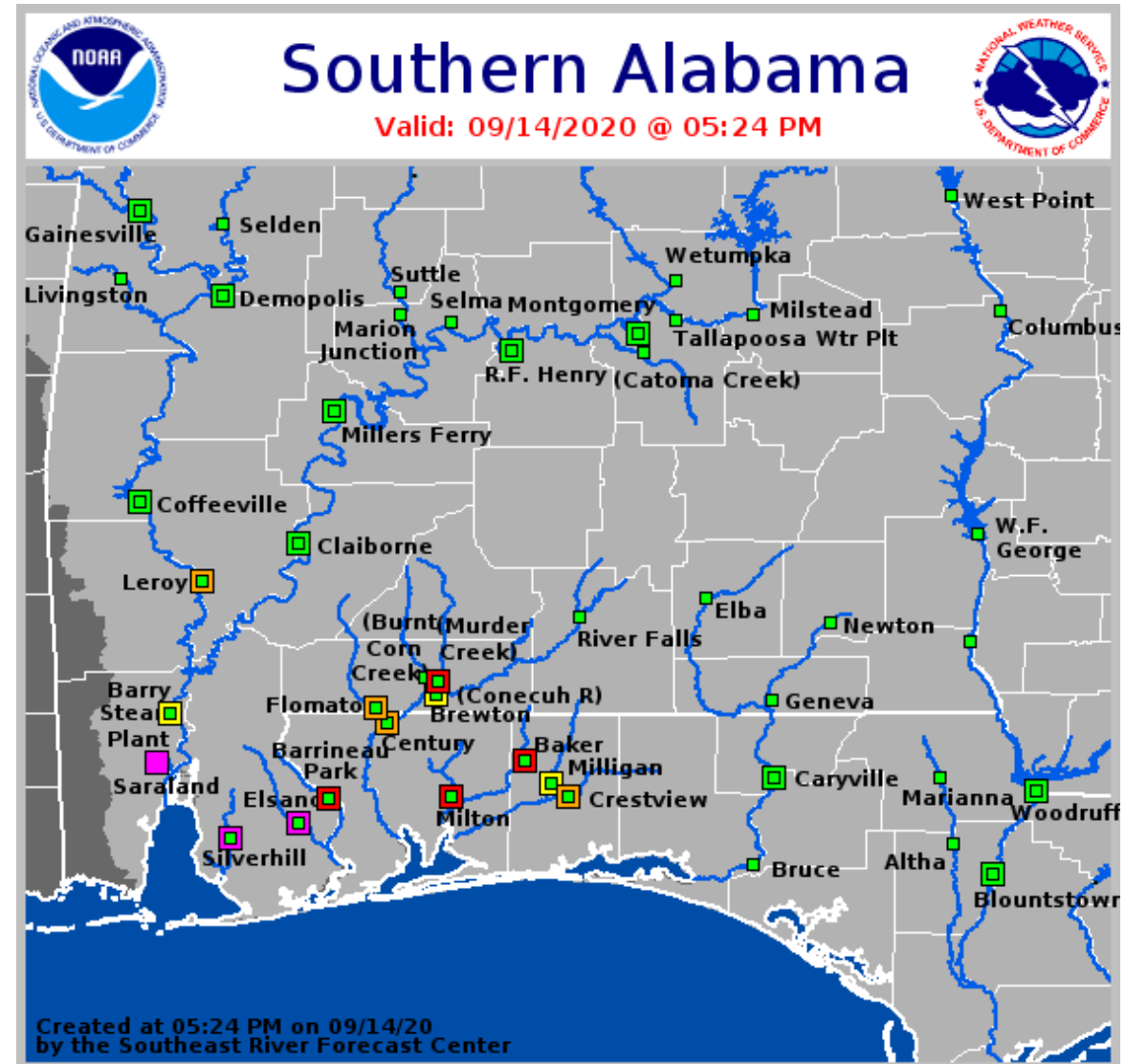
Rivers Currently in or Forecast to Reach Flood Stage:

- [Perdido River near Barrineau Park](#) - MODERATE
- [Shoal River at Crestview](#) - MINOR
- [Blackwater River near Baker](#) - MODERATE
- [Big Coldwater Creek near Milton](#) - MODERATE
- [Escambia River near Century](#) - MINOR

With heavy rainfall expected in Northwest Florida, additional rivers are likely to reach flood stage later this week. Details to come.

These river rises are based on forecast rain that has yet to fall.

More details on river levels available at the [Southeast River Forecast Center website](#).





Possible River Flooding

Chance of River Flooding Based on Range of Forecasted Rainfall




National Weather Service
Peachtree City, GA
09/14/2020 09:55 AM EDT

Follow Us:   
weather.gov/serfc

Minor river flooding is likely throughout the Panhandle later in the week. However, some **moderate** or more **significant major** river flooding is now seeming likely in the western Panhandle later this week.

Significant River Flooding impacts include road hazards and damage to residential, commercial, and/or agricultural areas. Evacuation may be required. Flash flooding or Minor river flooding are NOT included in this outlook. Check your local weather forecast frequently for the most up-to-date information for your area.

Shaded areas are the forecast region of the Southeast River Forecast Center

	Significant River Flooding Not Expected		Significant River Flooding Possible Weather conditions indicate, without certainty that significant river flooding could occur
	Significant River Flooding Likely Weather conditions indicate that significant river flood conditions can be expected		Significant River Flooding Occurring Significant river flooding is occurring at this time



Storm Surge Threat Overview

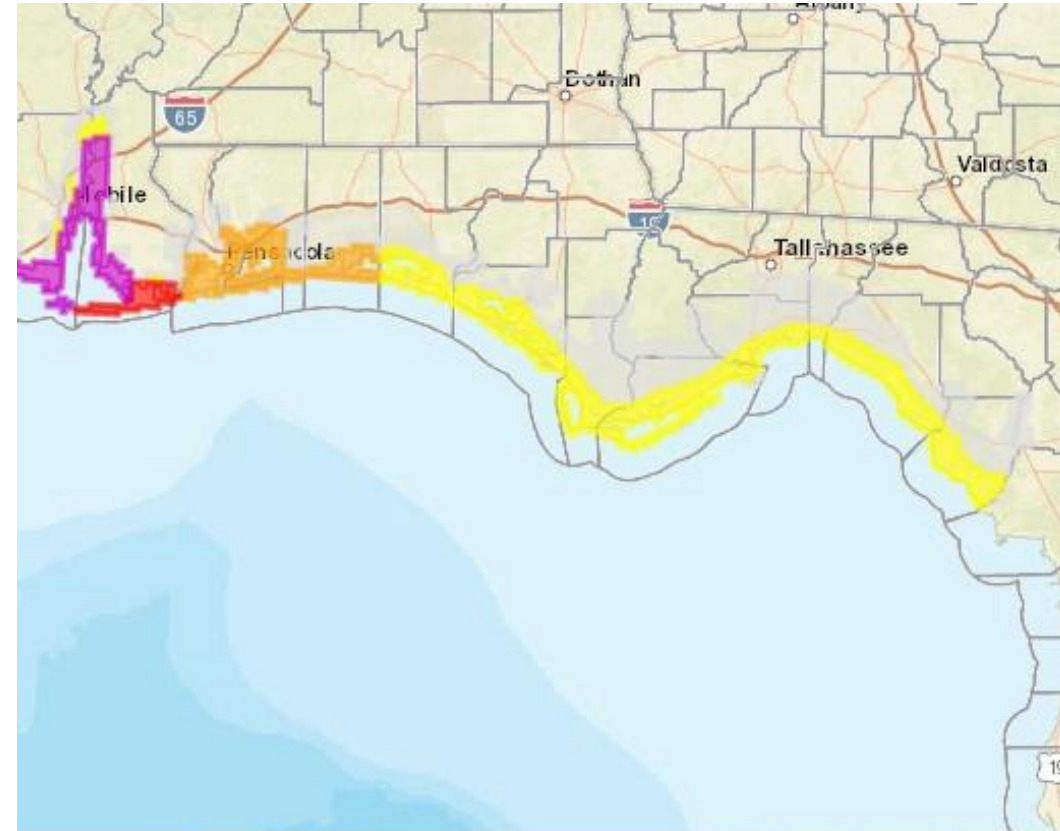
Hurricane Sally

2-4' of storm surge is expected across the western Panhandle, including Pensacola and Choctawhatchee Bay.

1-3' of surge is expected in the eastern Panhandle and Big Bend.

The greatest flooding will occur at the high tides over the next 48 hours.

Tides are running about 1' above normal along the West Coast of the Peninsula.



[Download KML]

[Download Image]

[https://www.weather.gov/srh/tropical?
office=mob](https://www.weather.gov/srh/tropical?office=mob)

Click on “Threats and Impacts” Tab

Storm Surge Threat
Potential for storm surge flooding greater than 9 ft above ground
Potential for storm surge flooding greater than 6 ft above ground
Potential for storm surge flooding greater than 3 ft above ground
Potential for storm surge flooding greater than 1 ft above ground
Little to no storm surge flooding



Surge Watches and Warnings

In Effect Until Further Notice

https://www.nhc.noaa.gov/refresh/graphics_at4+shhtml/155356.shtml?inundation#contents

Interactive P-Surge Inundation Map

2-4' of inundation expected in the Warning area of the Florida Panhandle

https://www.nhc.noaa.gov/refresh/graphics_at4+shhtml/155356.shtml?wsurge#contents

Interactive Watch/Warning Map

Surge Watches are in effect for Escambia, Santa Rosa, and Okaloosa



Storm Surge Warning

There is a **danger of life-threatening inundation** from rising water moving inland from the shoreline generally **within 36 hours**.

Promptly follow evacuation and other instructions from local officials.

Storm Surge Watch

There is a **possibility of life-threatening inundation** from rising water moving inland from the shoreline generally **within 48 hours**.

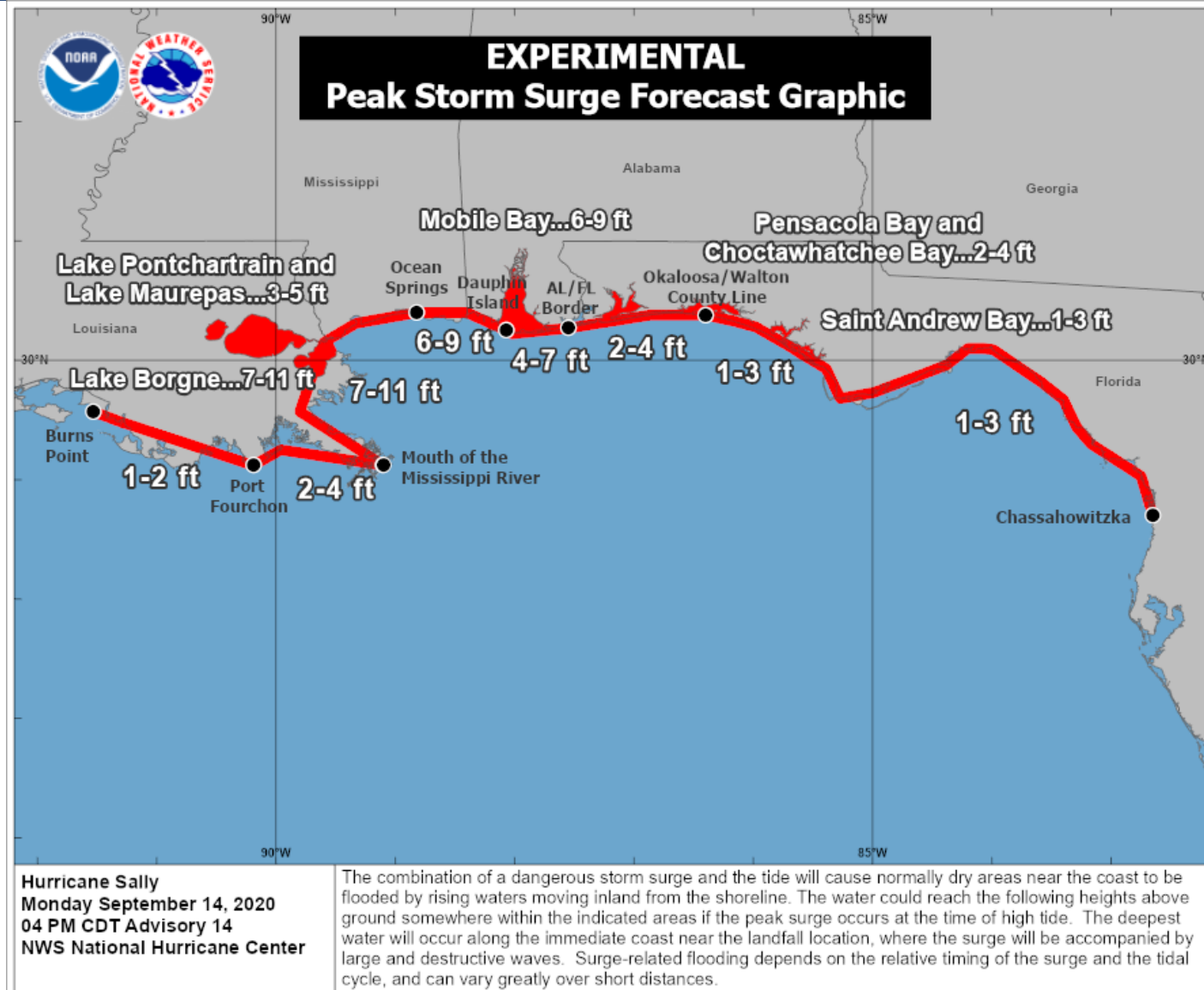
Promptly follow evacuation and other instructions from local officials.





Storm Surge/Coastal Flooding

Through Mid-Week

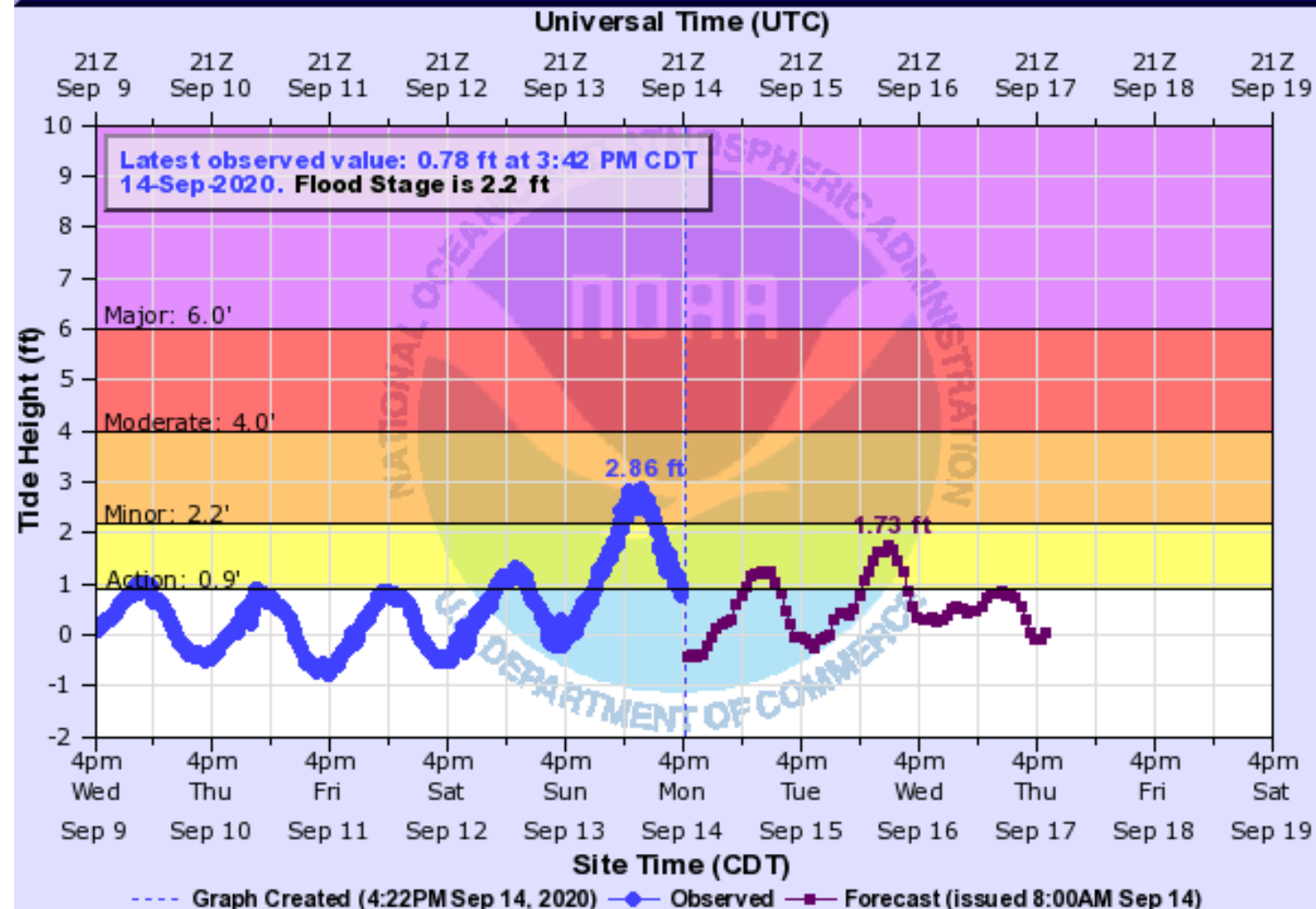




Gulf of Mexico at Panama City Beach

[Hydrograph Link](#)

GULF OF MEXICO TIDE GAUGE AT PANAMA CITY BEACH (IN MHHW)



3 Water begins to flood low lying areas in Camp Helen State Park and on south facing portions of Powell Lake in Bay County. Areas near beach access continue to flood. Erosion from wave action begins along the Bay County Beaches.

2.2 Where breaks in the dune line to beach access exist, water begins to flood access areas from Inlet Beach to St Andrews State Park in Panama City Beach.

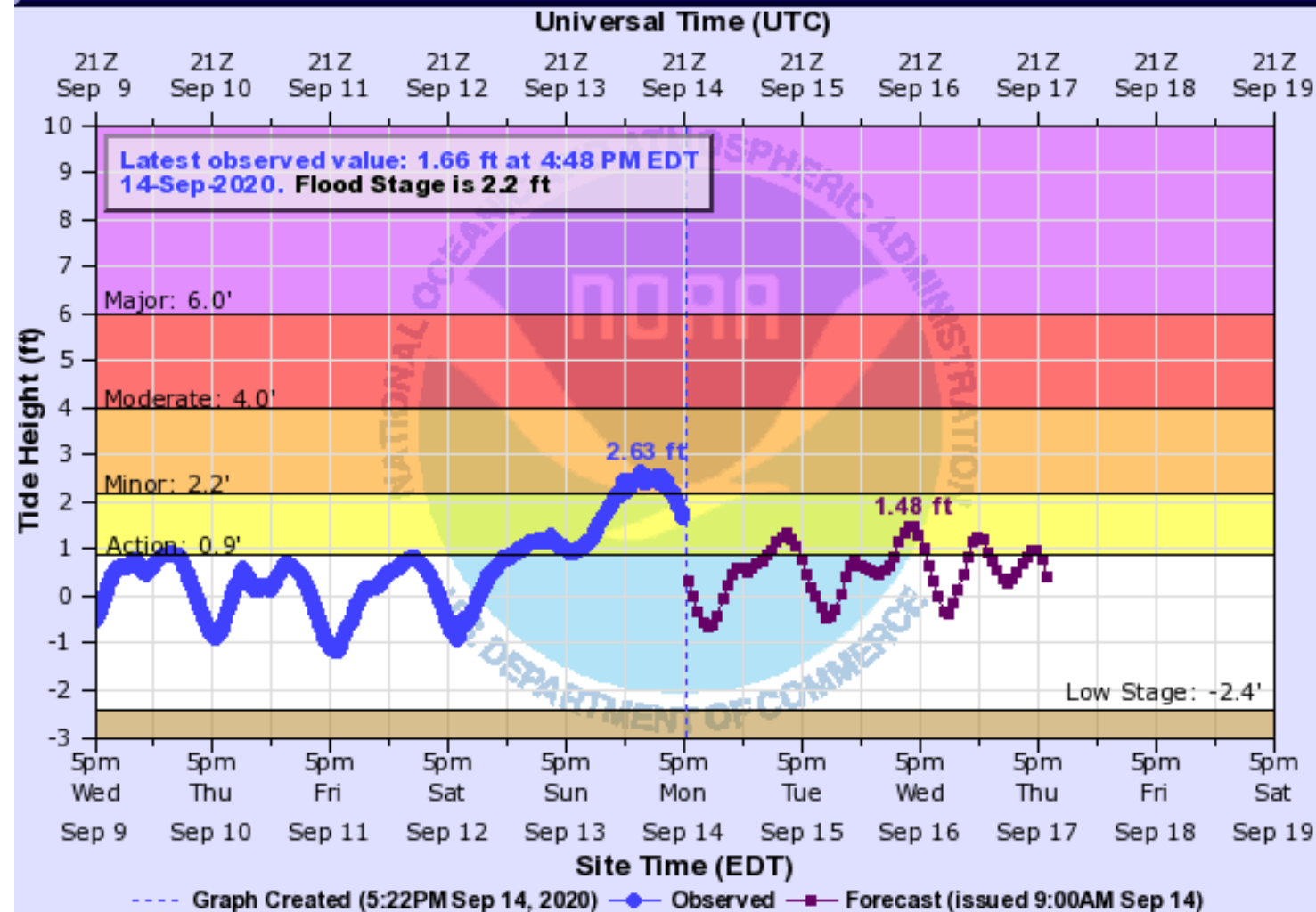
1.7 Water reaches the dune line in several places along the Bay County Beaches.



Gulf of Mexico at Apalachicola

[Hydrograph Link](#)

GULF OF MEXICO TIDE GAUGE AT APALACHICOLA (IN MHHW)



2.7 In Apalachicola, Water Street floods as well as the Battery Park under the John Gorrie Bridge. In Eastpoint, low lying areas near the causeway begin to flood at this level.

2.2 In Gulf County, water will overwash SR-30E at the Stump Hole. Backyards of residences on the north side of Indian Pass Lagoon will begin to flood. Water approaches Indian Pass Road on the west side of the Lagoon.

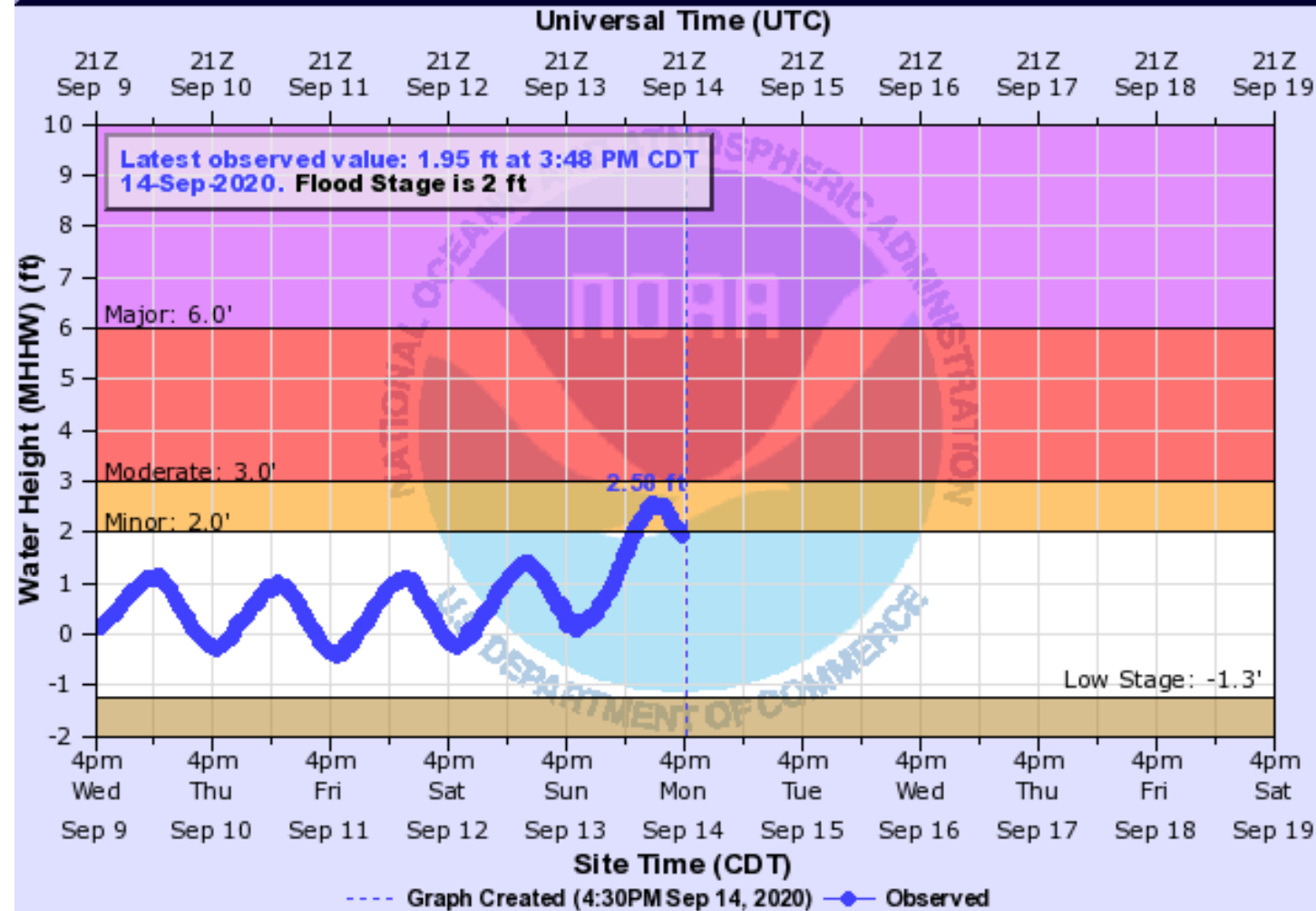
1.9 The boat ramp at the city docks in Apalachicola will flood.



Gulf of Mexico at Pensacola

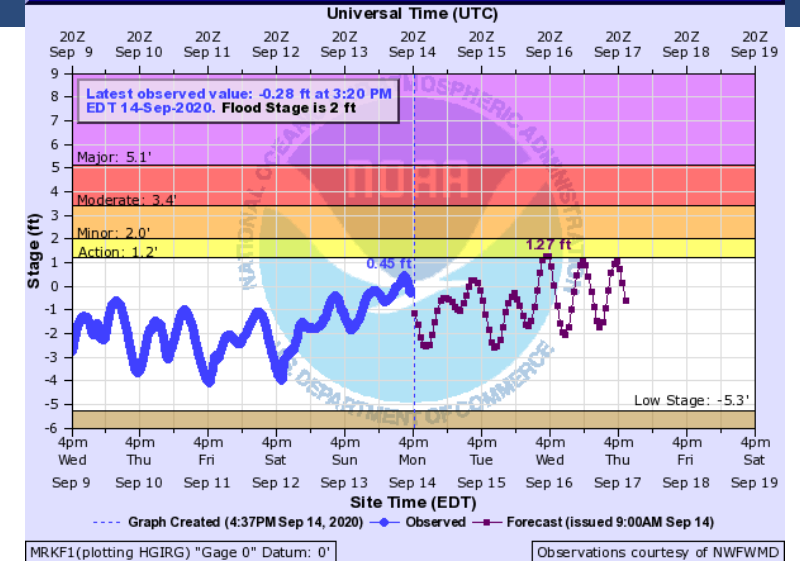
[Hydrograph Link](#)

GULF OF MEXICO TIDE GAUGE NEAR PENSACOLA (IN MHHW)

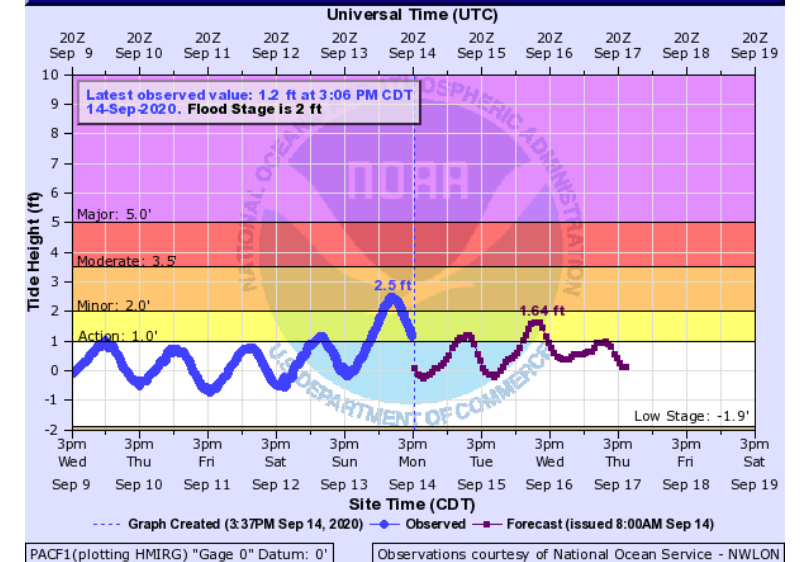


PCLF1(plotting HCIRG) "Gage 0" Datum: n/a

ST. MARKS RIVER AT ST. MARKS (IN MHHW)



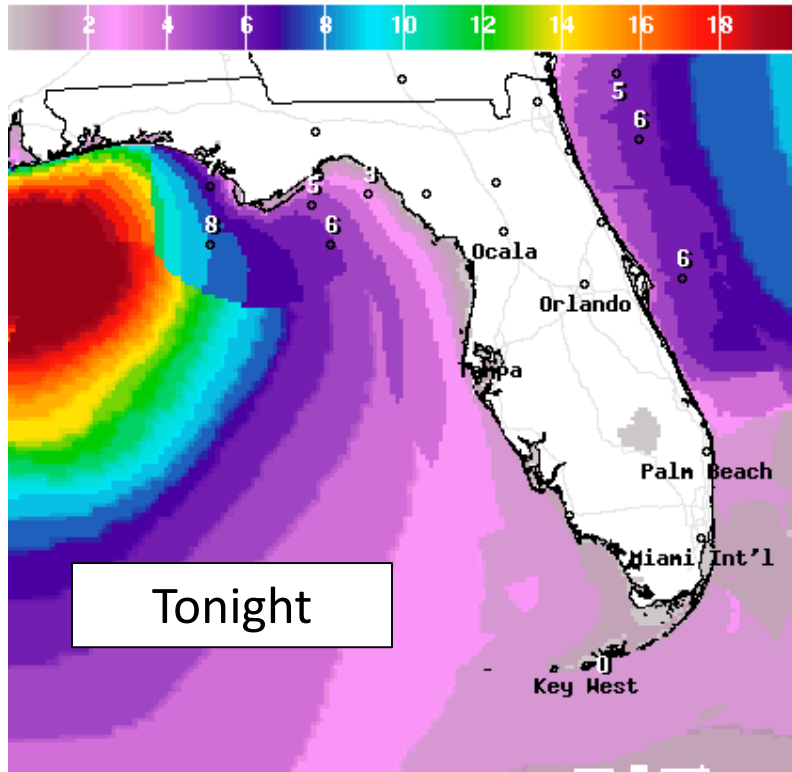
GULF OF MEXICO TIDE GAUGE AT PANAMA CITY (IN MHHW)





Forecast Wave Heights

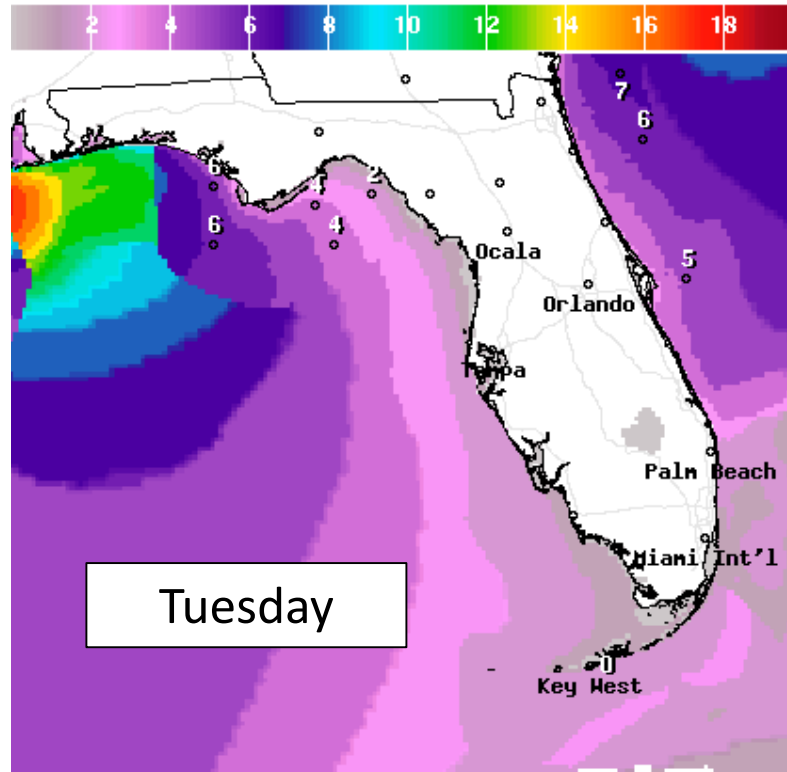
Early This Week



Wave Height(ft) Ending Mon Sep 14 2020 8PM EDT
(Tue Sep 15 2020 00Z)



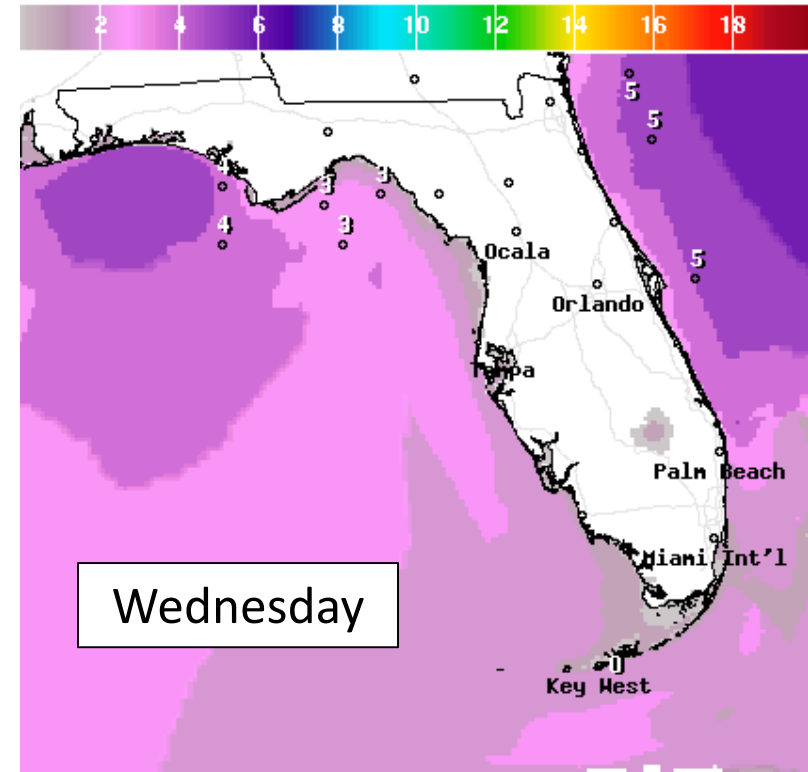
National Digital Forecast Database



Wave Height(ft) Ending Tue Sep 15 2020 8PM EDT
(Wed Sep 16 2020 00Z)



National Digital Forecast Database



Wave Height(ft) Ending Wed Sep 16 2020 8PM EDT
(Thu Sep 17 2020 00Z)



National Digital Forecast Database



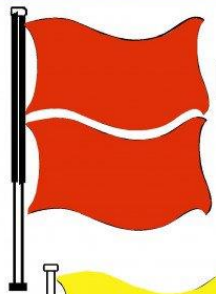
High surf of 7-10 feet is expected at Panhandle Beaches with 3-5 feet along the rest of the Gulf Coast. Wave heights will begin to decrease in the Gulf on Wednesday. In the Atlantic, swells from distance Hurricane Paulette will continue wave heights 3-5' even after Sally moves inland. Minor beach erosion is also likely with a few spots of more significant erosion possible in the western Panhandle.



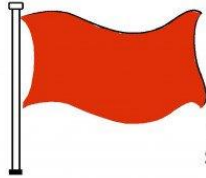
Rip Current Outlook

Today

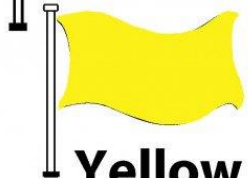
BEACH FLAG WARNING SYSTEM



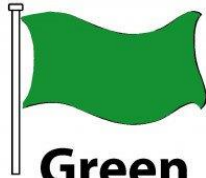
Double Red
Water Closed to
Public Use



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



Yellow
Medium Hazard
(light surf and or
currents)

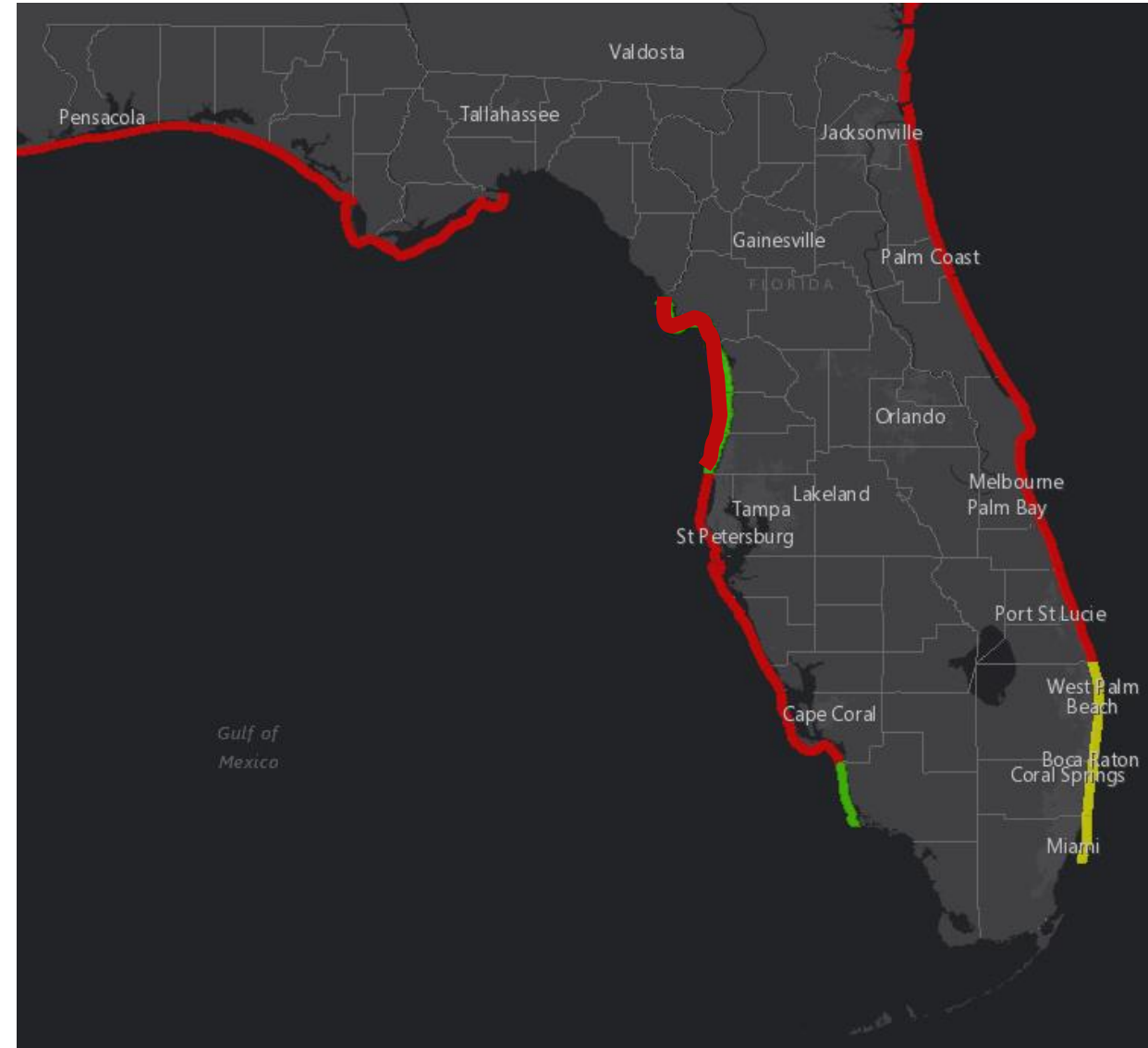


Green
Low Hazard
(calm conditions)



Purple
Marine Pest
(jellyfish, stingrays
& dangerous fish)

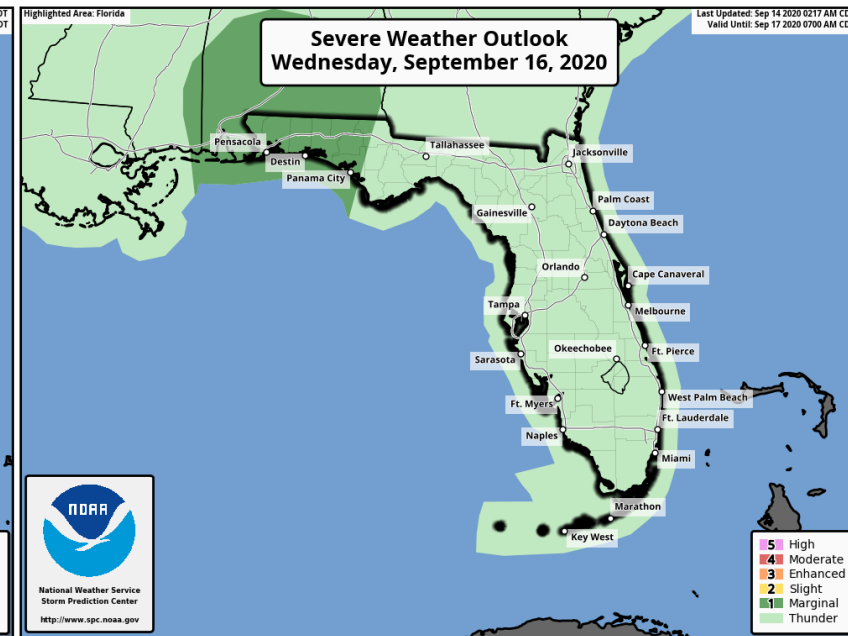
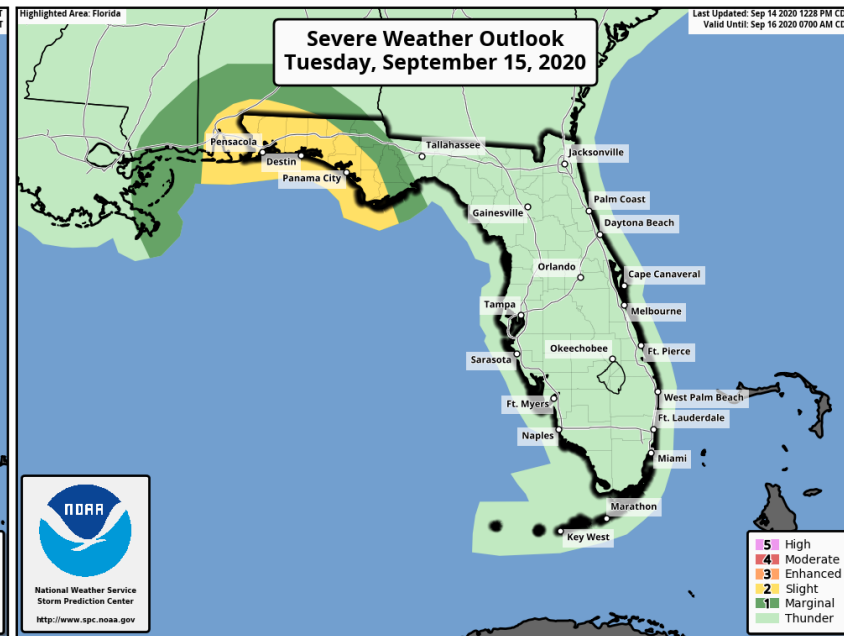
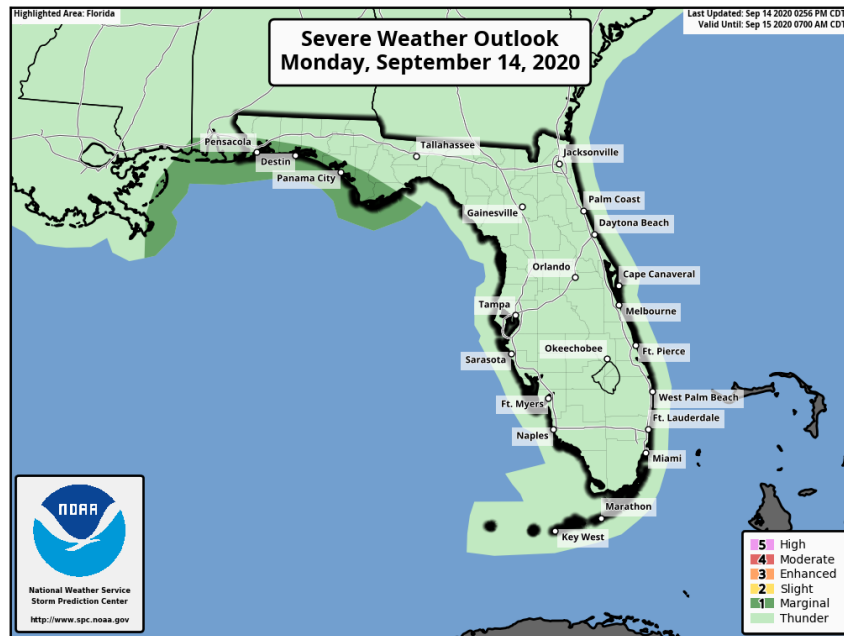
Breezy winds from Hurricane Sally and distant swells from Hurricane Paulette along the East Coast are creating a HIGH rip current risk at most Florida beaches through the middle of the week.





Severe Weather Outlooks

From the Storm Prediction Center



Isolated tornadoes are possible in the Panhandle and western Big Bend from the outer rain bands of Sally from this evening and through the day on Wednesday. The greatest threat may be Tuesday afternoon. **Tornado watches could be issued.**

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

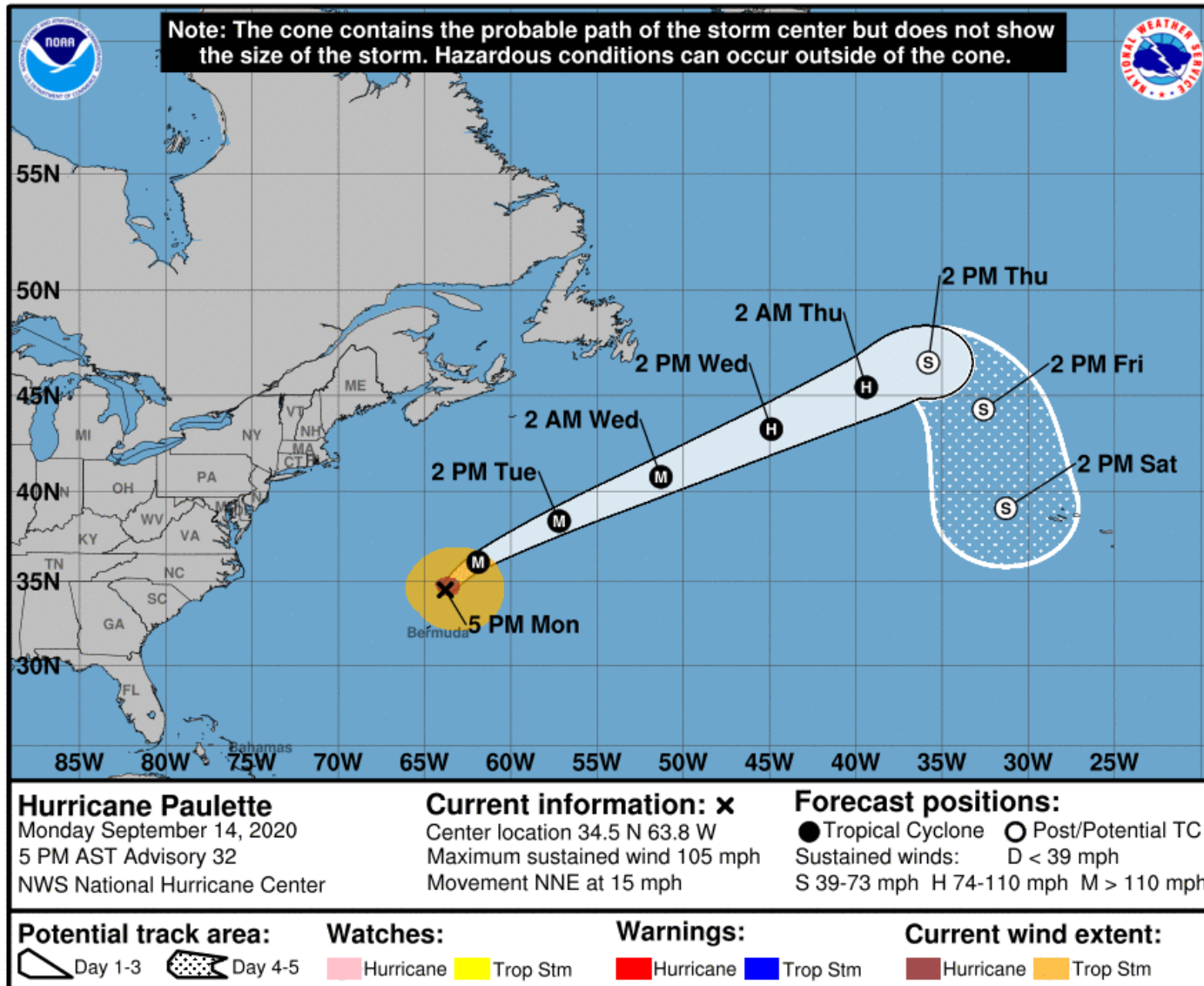


Official Forecast Track

From the National Hurricane Center – Hurricane Paulette

- Paulette made landfall over Bermuda overnight
- Strengthening is forecast to continue as Paulette could become a major hurricane as it turns northeastward Tuesday/Wednesday.

Paulette poses no direct threat to Florida, but swells will impact the East Coast this week, increasing the risk for rip currents.



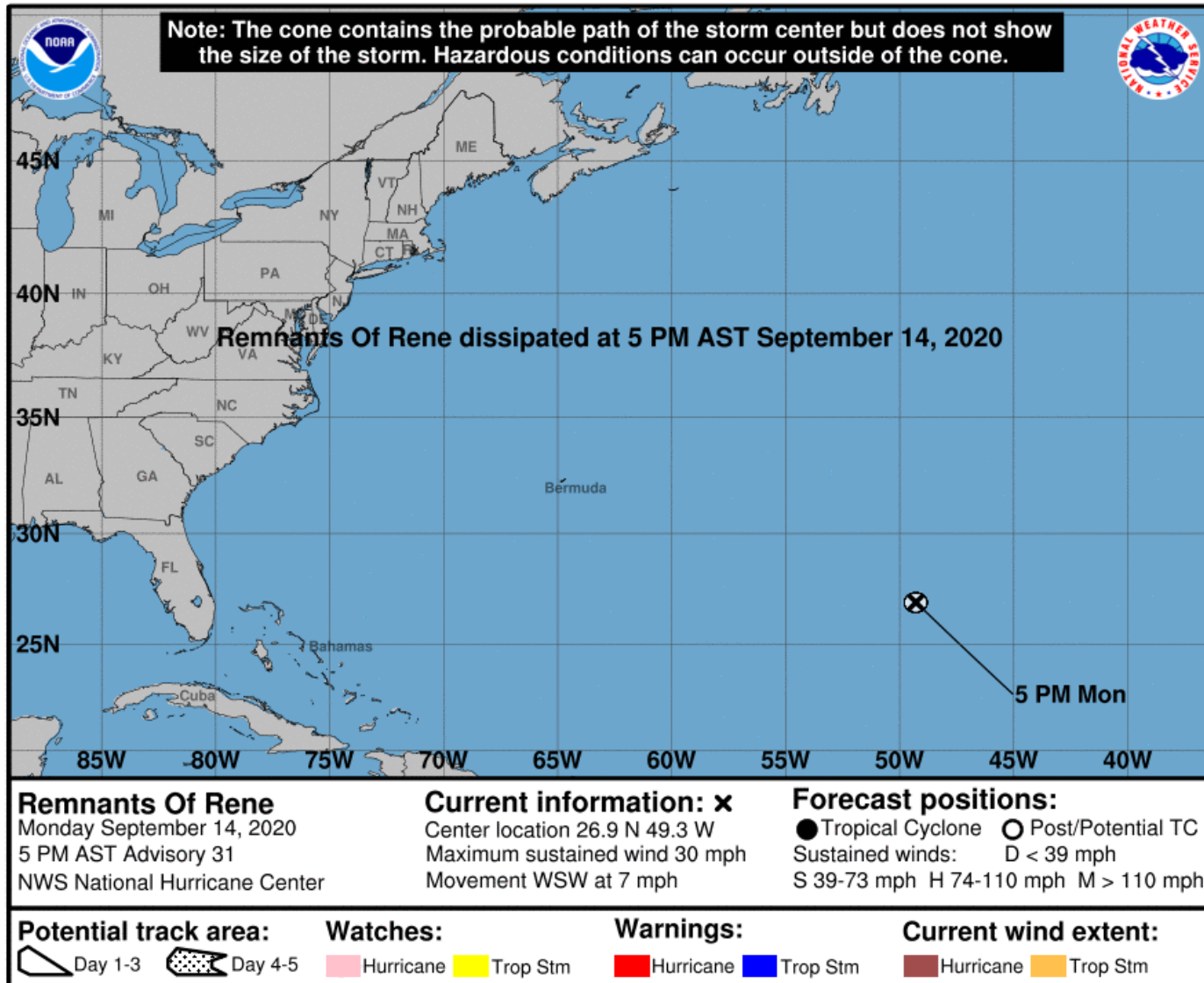


Official Forecast Track

From the National Hurricane Center – Remnants of Rene

- Rene dissipated over the open waters of the Atlantic and is not expected to regenerate.

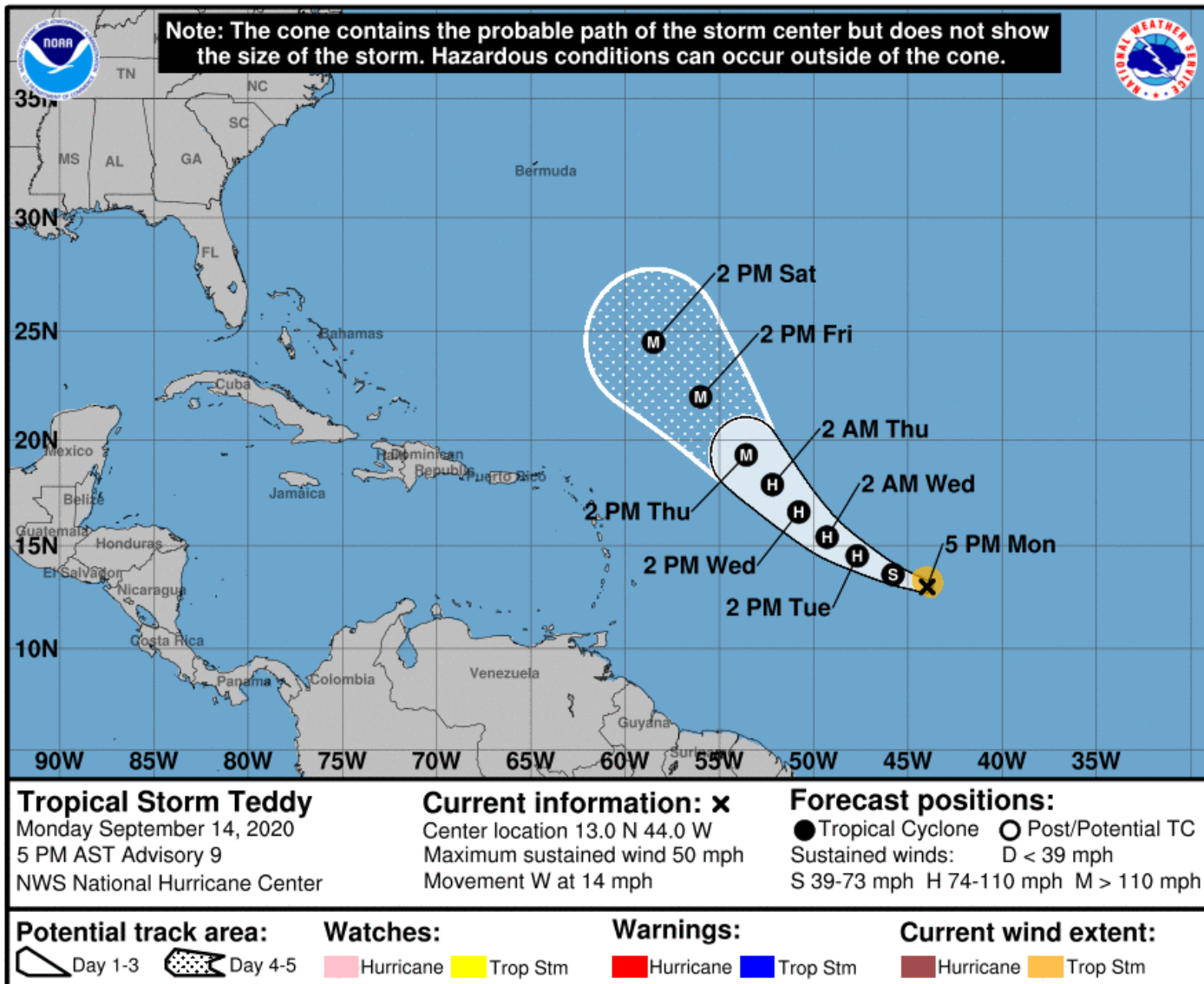
This system is not a threat to Florida.





Official Forecast Track

From the National Hurricane Center – Tropical Storm Teddy



- The center of Tropical Storm Teddy is located about 1,170 miles east of the Lesser Antilles.
- Maximum sustained winds are near 50 mph, and the system is moving to the west at 14 mph.
- Teddy is likely to become a hurricane on Tuesday and a major hurricane by Friday.
- A gradual turn towards the northwest is expected mid-week, keeping the system out of the Caribbean.

This system does not need to be monitored at this time and is likely to recurve out to sea.

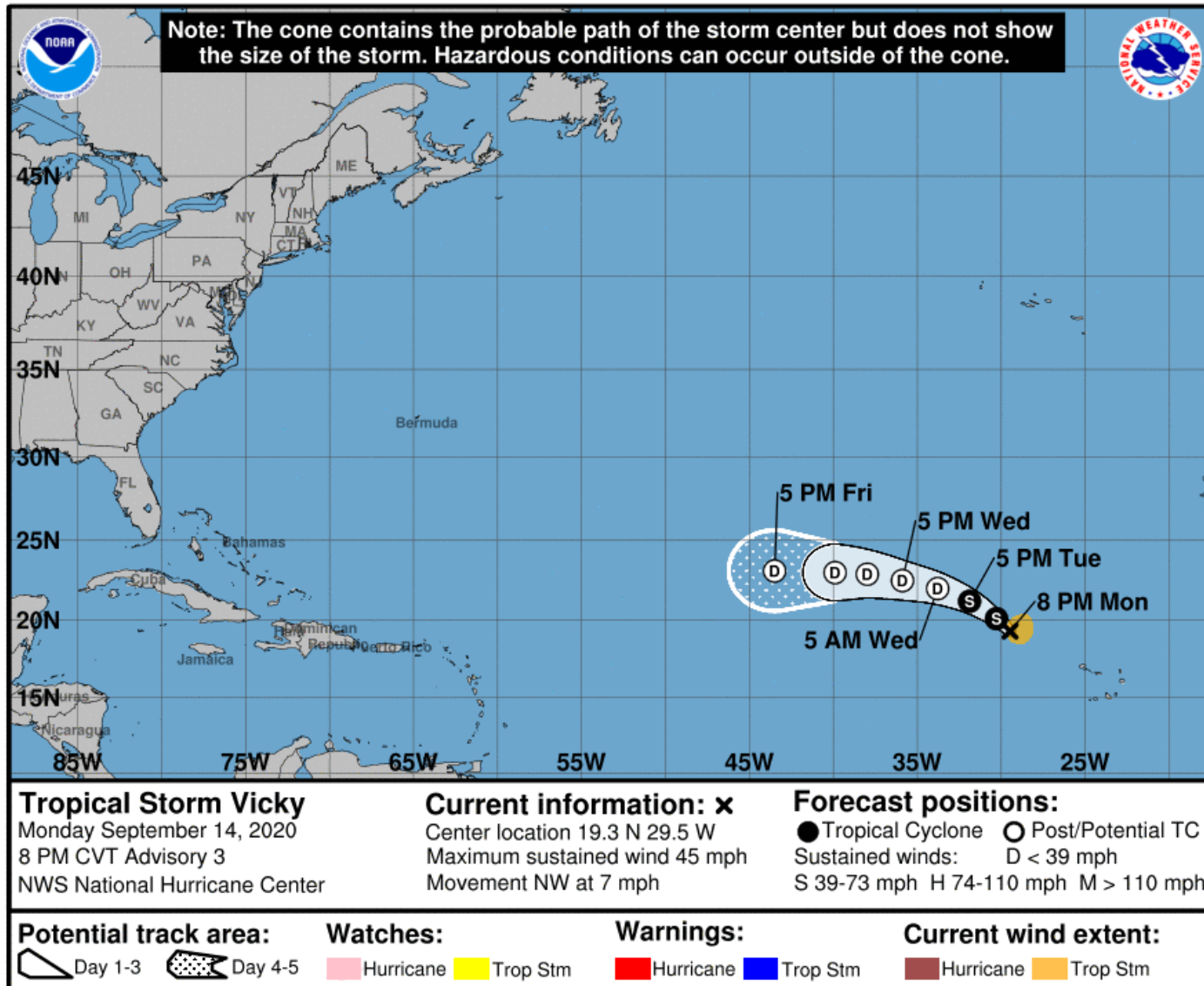


Official Forecast Track

From the National Hurricane Center – Tropical Storm Vicky

- A short-lived tropical system has developed near the Cabo Verde Islands. It will not be a threat to land.
- It strengthened to Tropical Storm Vicky this morning but already appears to be weakening as it moves into a hostile environment with strong upper-level winds and cooler waters.

This system poses no threat to land.





Tropical Weather Outlook

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



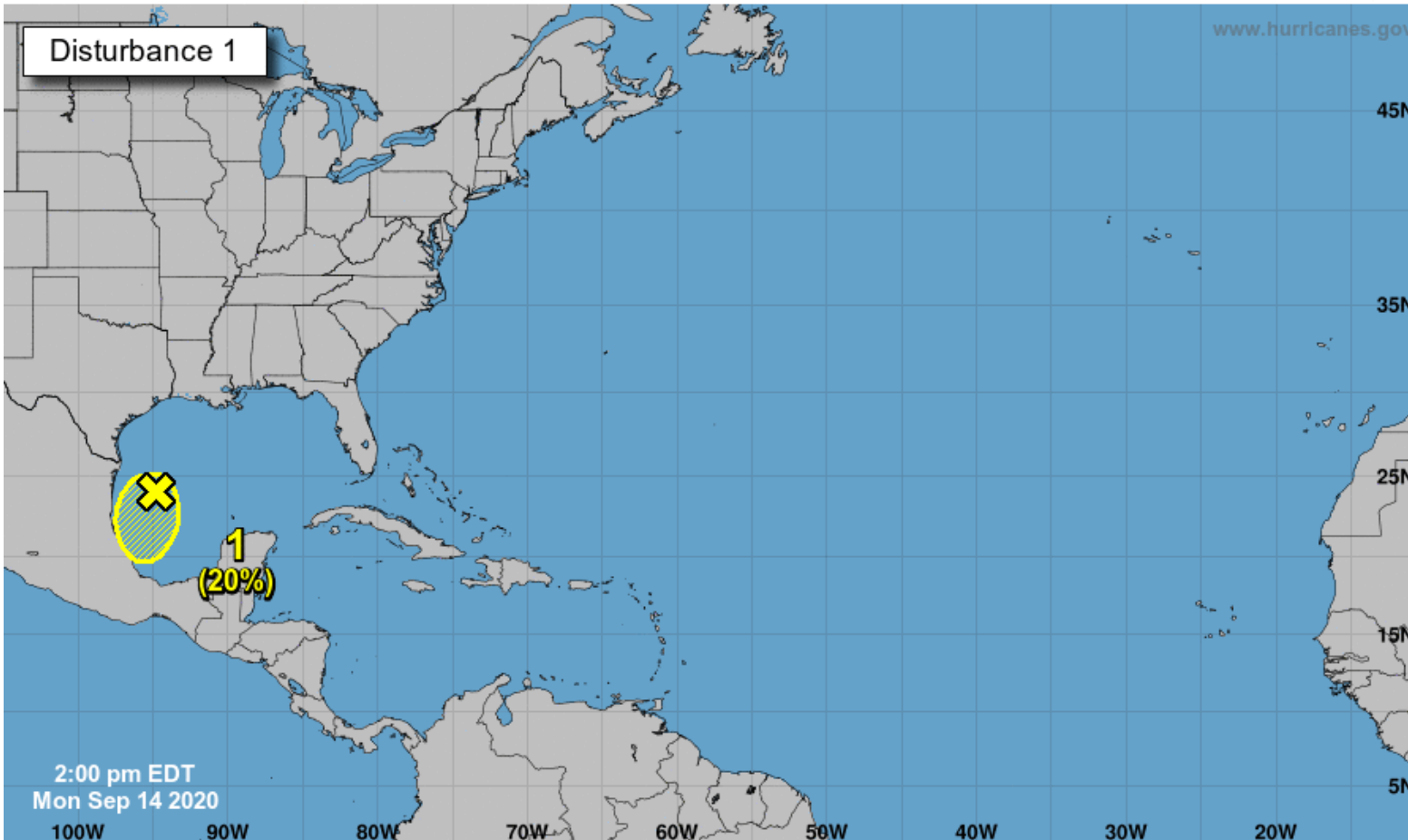
Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



www.hurricanes.gov

Disturbance 1



A broad area of low pressure over the southwestern Gulf of Mexico is producing disorganized showers and thunderstorms.

Upper-level winds are not particularly conducive for development, and any development of this system should be slow to occur while it moves slowly southwestward.

This system poses no threat to Florida at this time.

***Formation chance through 48 hrs...low...10%**

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

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



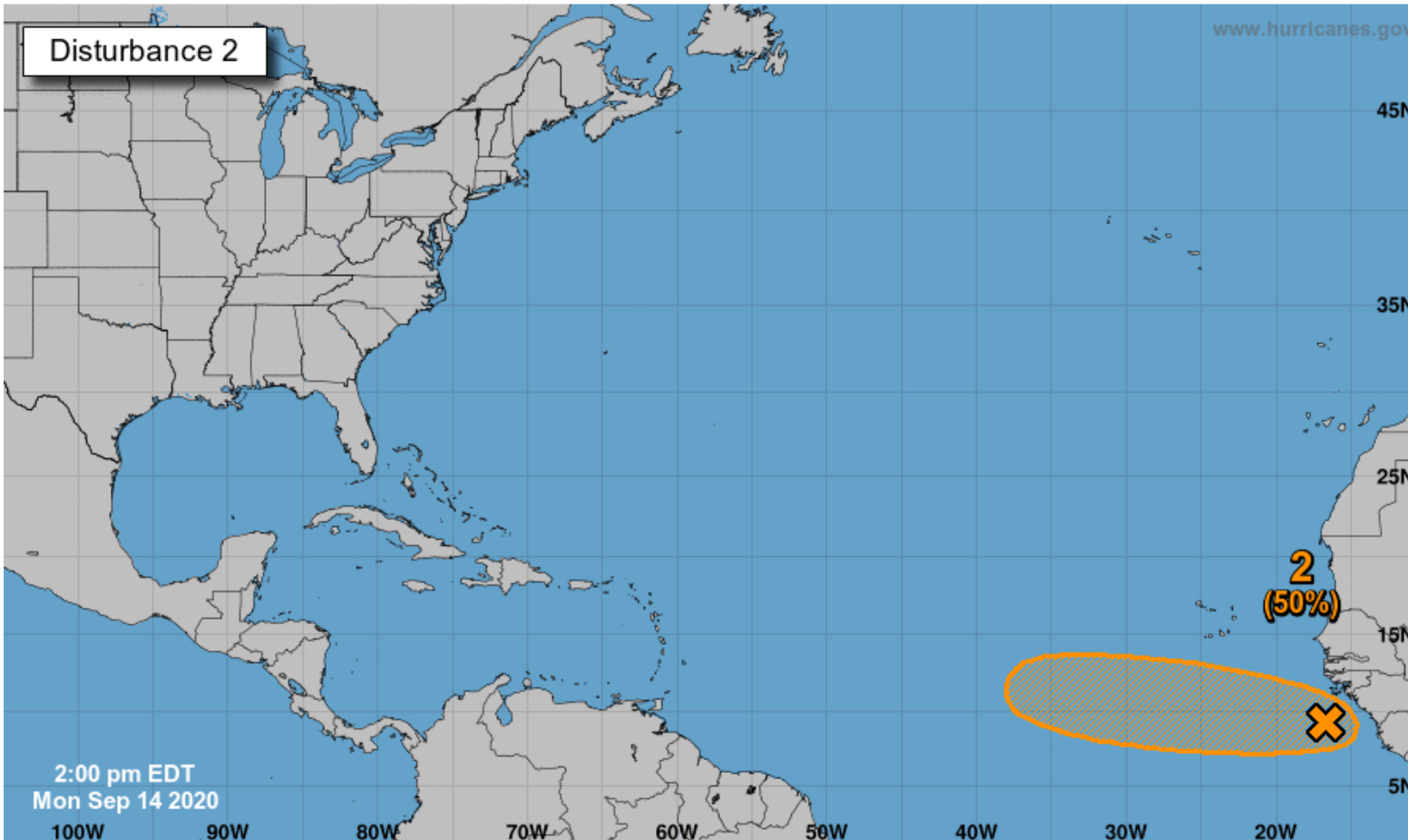
Tropical Weather Outlook

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



Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



A tropical wave located over the far eastern tropical Atlantic is producing disorganized shower and thunderstorm activity.

Environmental conditions appear to be conducive for slow development of the system this week as it moves westward at 10 to 15 mph.

This system does not need to be monitored at this time.

***Formation chance through 48 hrs...low...20%**

***Formation chance through 5 days...medium...50%**

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



Overall Summary

Hurricane Sally

- The center of Tropical Storm Sally is located about 100 miles south of Pensacola, FL moving to the west-northwest at a slow and sometimes erratic 6mph.
- Sally rapidly strengthened today with Hurricane Hunter finding Sally at hurricane strength earlier this afternoon. Maximum sustained winds are near 100 mph which makes Sally a Category 2 Hurricane.
- Sally will continue strengthening as it moves west-northwestward over the Gulf of Mexico, and Sally could near Category 3 Major Hurricane tonight or tomorrow.
- Sally will continue to slow down on Tuesday and Wednesday as it turns very slowly northward and eventually northeast. When this turn occurs depends on how close the core of Sally gets to the western Panhandle.
- The track has shifted east resulting in Hurricane and Storm Surge Warnings being issued for Pensacola.

Gulf of Mexico Low

- A trough of low pressure over the southwestern Gulf of Mexico is in a hostile environment to develop due to upper-level winds from Sally. Still, some slow development is possible later in the week as it moves slowly southwestward.
- The National Hurricane Center gives this system a 10% (low) chance of development over the next 48 hours and a 20% (low) over 5 days.

Hurricane Paulette

- Paulette made landfall over Bermuda overnight and is now moving out to sea. It is forecast to briefly become a major hurricane before it heads to the colder waters of the North Atlantic.
- Swells will continue an elevated rip current risk at East Coast beaches this week.

Remnants of Rene

- Rene dissipated over the open waters of the Atlantic and is not expected to regenerate. It poses no threat to land.



Overall Summary

Tropical Storm Teddy

- The center of Tropical Storm Teddy is located about 1,170 miles east of the Lesser Antilles.
- Maximum sustained winds are near 50 mph, and the system is moving to the west at 14 mph.
- Teddy is likely to become a hurricane on Tuesday and a major hurricane by Friday.
- A gradual turn towards the northwest is expected mid-week, keeping the system out of the Caribbean.
- It is most likely to continue heading out to sea later in the week and does not pose a threat to land over the next week.

Tropical Storm Vicky (formerly Tropical Depression #21)

- A short-lived tropical system has developed near the Cabo Verde Islands. It will not be a threat to land.
- It strengthened to Tropical Storm Vicky this morning but already appears to be weakening as it moves into a hostile environment with strong upper-level winds and cooler waters.

Next Tropical Wave Over Africa

- A tropical wave near the west coast of Africa is producing disorganized shower and thunderstorm activity.
- Environmental conditions appear to be conducive for slow development of the system this week as the wave moves westward at about 10 mph over the far eastern tropical Atlantic.
- The National Hurricane Center gives this system a 20% (low) chance of development over the next 48 hours but a 50% (medium) chance over the next 5 days.
- This system is several days from nearing the Caribbean, if it does not turn out to sea.



Florida Outlook

Florida Outlook:

- **Impacts will extend well outside of the cone! It is important to not focus on the center of the forecast track for Hurricane Sally.**
- **Even with a landfall to the west in Mississippi/Alabama, a significant rainfall event is forecast for the western Panhandle.**
- Hurricane Sally will likely produce heavy rainfall, strong winds, and storm surge across the Panhandle tonight, Tuesday, and Wednesday.
- **Hurricane Warnings:** Escambia and Santa Rosa
- **Tropical Storm Warnings:** Okaloosa, south Walton, coastal Bay, and coastal Gulf
- Tropical Storm Watch for Franklin has been cancelled.
- Tropical storm force wind gust are occurring in rain bands along the coast of the Panhandle. Sustained tropical storm force winds are possible along the coast and in the western Panhandle tonight, Tuesday, and possible Wednesday.
- 6-12" of rainfall is expected in the Panhandle with localized totals of 16-20" possible.
- Significant river flooding seems increasingly likely over the next few days in the western Panhandle.
- Flood Watches continue for coastal Southwest Florida until this evening with **Flash Flood Watches** for the Panhandle until Thursday morning.
- Isolated tornadoes are possible in the Panhandle and Big Bend tonight and continuing through mid-week. The greatest tornado threat may be Tuesday afternoon with a Slight Risk of Severe Weather (level 2 of 5) in place. A tornado watch may be issued.
- **Storm Surge Warnings:** Escambia, Santa Rosa, and Okaloosa (2-4' of surge)
- **Coastal Flood Advisories** are in effect for the rest of the Panhandle/Big Bend (1-3' of surge).
- High surf (5-10'), dangerous rip currents, and beach erosion are expected at Panhandle beaches for the next few days.
- Paulette will generate swells that reach the Atlantic beaches, elevating the rip current risk through the end of the week.
- Direct impacts from any other systems in the tropics are not expected.

The next briefing packet will be issued Tuesday morning with the 8AM advisory, unless there are significant changes before then. For the latest information on the tropics, 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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