

## Key Points/Changes

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### Hurricane Sally

- Sally's track shifted slightly east from the last advisory and the latest forecast brings the core of the hurricane across coastal Alabama Wednesday morning.
  - **Hurricane Warning** remains in effect for Mobile and Baldwin Counties in Alabama, Escambia and Santa Rosa Counties in Florida, and Stone and George Counties in Mississippi.
  - **Tropical Storm Warning** for all other areas (**just added Butler, Crenshaw, and Covington**)
  - **Storm Surge Warning** remains in effect for all of coastal Alabama and coastal portions of the western Florida Panhandle. This includes Mississippi Sound, Mobile Bay, Escambia Bay, Pensacola Bay, and western portions of Choctawhatchee Bay.
- Surge forecast values for Mobile Bay have decreased slightly based on the latest track and lower intensity. 4-7 ft of surge is possible across Mobile and Baldwin Counties including Mobile Bay.
- Surge values were slightly increased for western FL Panhandle where 3-5 feet is now possible.
- **HISTORIC FLOODING EVENT LIKELY**
  - Locally up to 30" of rain is possible, especially in coastal AL and the western FL Panhandle.
  - This will result in extreme life threatening and likely historic flooding.
  - The flood threat remains unchanged from the previous forecasts.
  - Rainfall totals have been reduced over far western areas (parts of SE MS) based on the eastward shift.

# Situation Overview

## Hurricane Sally



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**NOTE:** Do NOT focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

Sally is forecast to make landfall as a Category I Hurricane. **Those in the Hurricane Warning need to be prepared for hurricane conditions and should listen to the instructions of local emergency management!**

**Life threatening storm surge is expected across coastal Alabama including Mobile Bay and coastal locations along the western Florida Panhandle.**

Sally will move very slowly as it approaches the coast moves across our forecast area. This will lead to **PROLONGED IMPACTS** from damaging winds, storm surge, flooding rains, and isolated tornadoes.

**LIFE THREATENING and LIKELY HISTORIC FLOODING - especially for coastal sections of south Alabama and the western Florida Panhandle.**





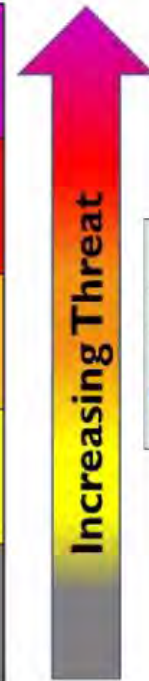
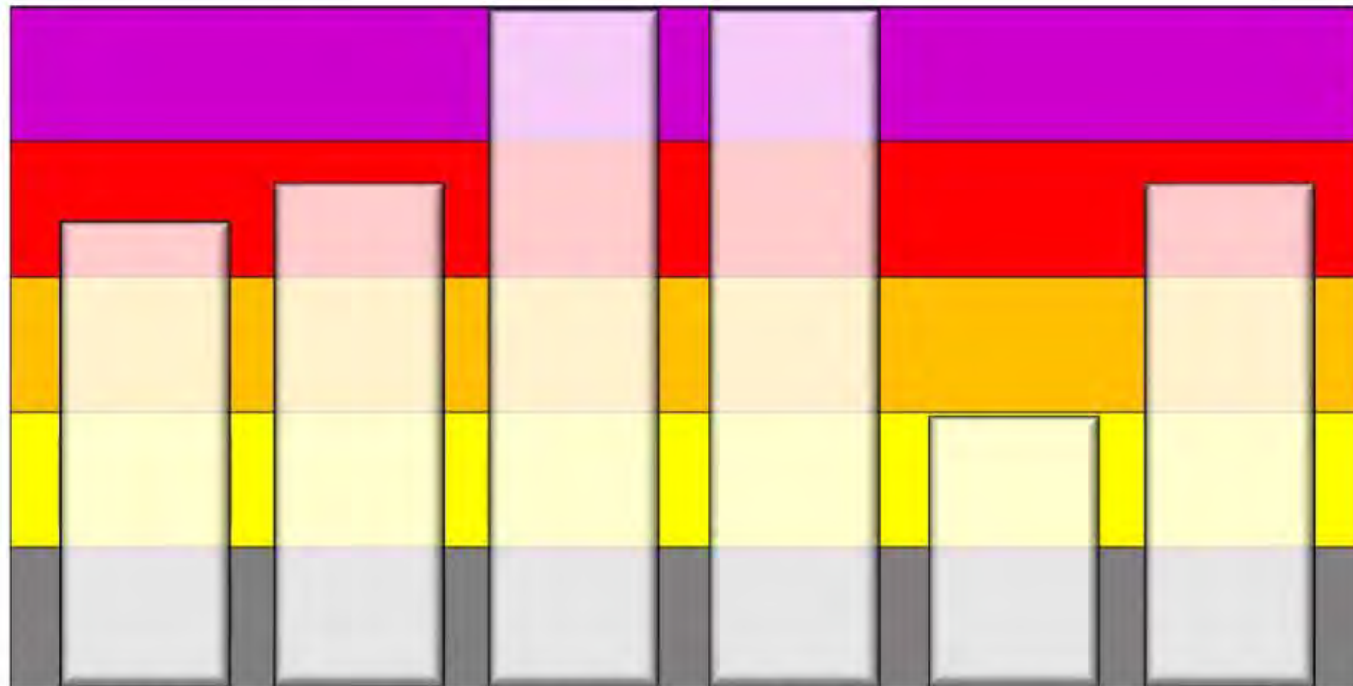
# Threat Levels

Hurricane Sally



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For information on specific hazards in this area, please go to [www.weather.gov/srh/tropical?office=mob](http://www.weather.gov/srh/tropical?office=mob)

Wind

Surge

Rainfall/  
Flash Flooding

River  
Flooding

Tornadoes

Marine



# TS Wind Speed Probabi

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Hurricane Sally



- Tropical Storm Wind Probabilities have decreased slightly across far western areas but increased elsewhere.
- There is a near 100% chance of tropical storm force winds across coastal Alabama into parts of the western Florida Panhandle.
- There is a 6 in 10 to 8 in 10 probability elsewhere.

9/15/2020 11:08 AM

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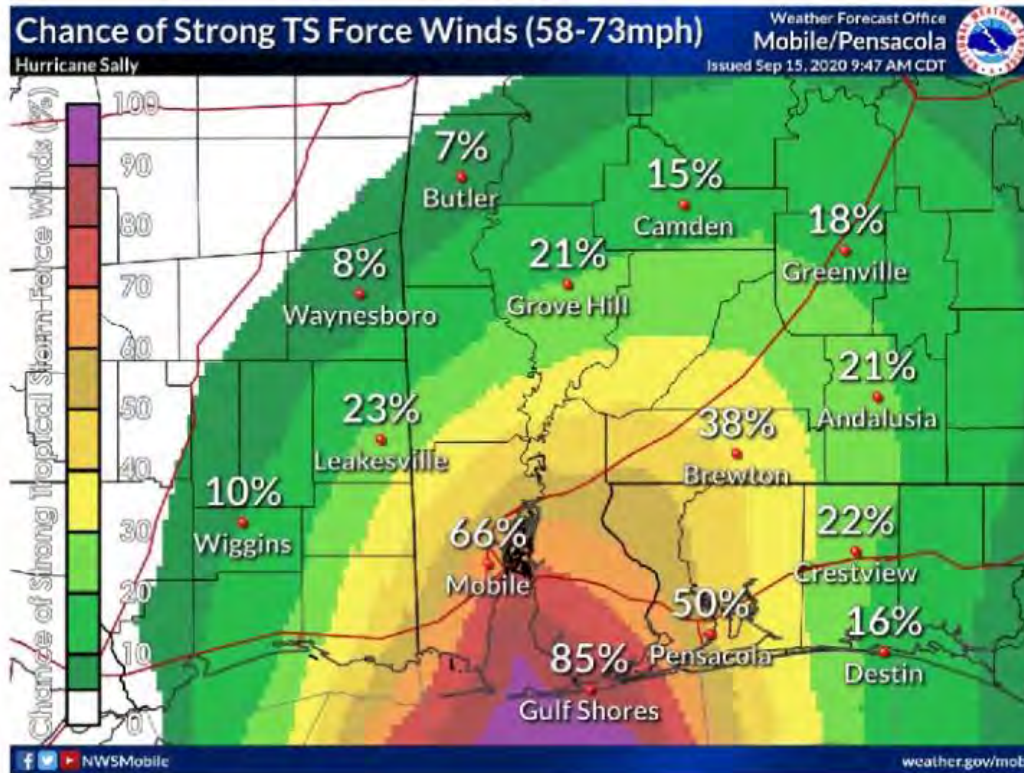
# Strong TS Wind Speed Probabilities

Hurricane Sally



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- The chance for seeing strong tropical storm force winds (58-73mph) has increased over coastal AL into parts of the western Florida Panhandle.
- There is now an 7 in 10 to 9 in 10 probability of strong tropical storm force winds in coastal south Alabama.
- Further north and east across portions of south central Alabama into portions of the western Florida Panhandle there is a 1 in 10 to 2 in 10 probability of strong tropical storm force winds.

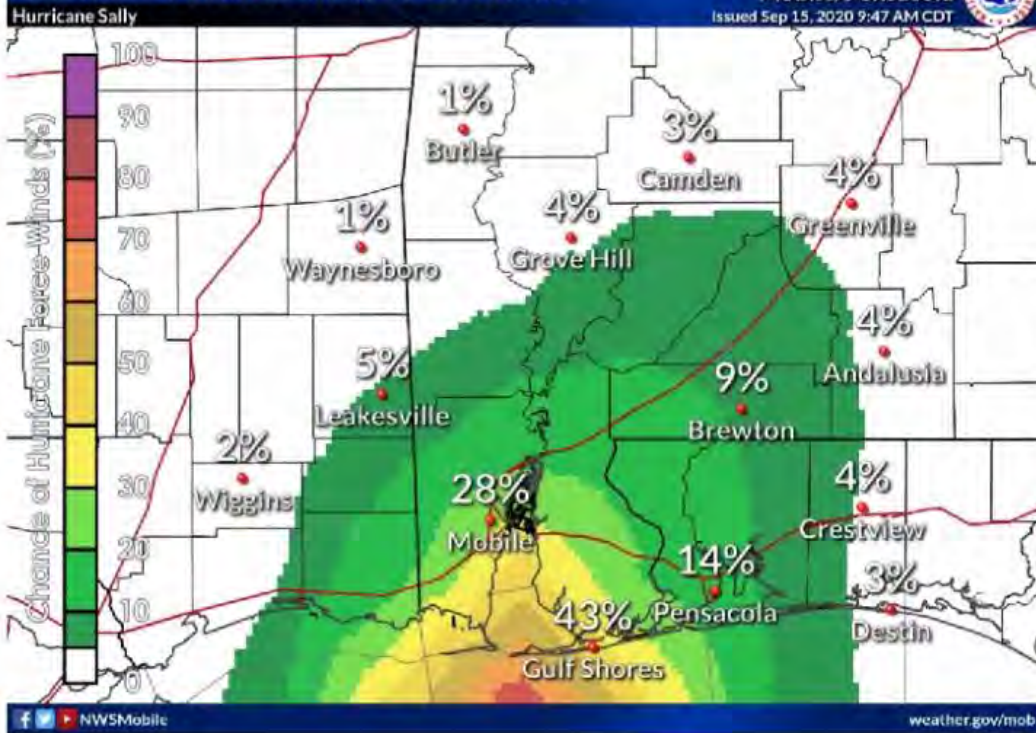
# Hurricane Wind Speed Probabilities

Hurricane Sally



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## Chance of Hurricane Force Winds



- Hurricane Wind Probabilities have increase across coastal AL/NW FL from the last advisory.
- There is now a 4 in 10 to 4 in 10 chance for sustained hurricane force winds across coastal Alabama.
- Prepare for up to Category 2 winds(as a safety margin) in the Hurricane Warning area. This can result in many downed trees and power lines, considerable roof damage to structures, and damage to mobile homes. Sustained hurricane force winds will likely be confined to the immediate coast although hurricane force winds are possible inland away from the coast.



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# Wind Timing/Potential

## Hurricane Sally



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Location	Tropical Storm Force Winds	Hurricane Force Winds
<p>Coastal AL (Mobile/Baldwin)</p>	<p>Sustained tropical storm force winds will continue along the immediate coast through Wednesday afternoon, diminishing Wednesday night.</p> <p>Frequent tropical storm force gusts occurring further inland will gradually become sustained tropical storm force later this afternoon into tonight. Winds will diminish Wednesday night.</p> <p>Frequent gusts of 50-70 mph can be expected, highest near the time of landfall.</p>	<p>Hurricane force gusts possible along immediate coast by early this evening, spreading inland slowly through the overnight into Wednesday morning.</p> <p>Sustained hurricane force winds possible along the immediate coast by mid to late this evening, becoming more likely overnight into Wednesday morning.</p>
<p>Northwest FL</p>	<p>Frequent tropical storm force gusts over the immediate coast this morning will gradually spread inland this afternoon into tonight.</p> <p>Sustained tropical storm force winds are increasingly likely, especially by tonight along the immediate coast and continue into Wednesday morning. Gusts of 50-70 mph possible in Escambia/Santa Rosa Counties tonight into Wednesday morning (40-50mph Okaloosa.) Tropical storm conditions may not subside until late Wednesday afternoon/evening.</p>	<p>Hurricane conditions are possible late tonight (after midnight) into Wednesday along the immediate coast of Escambia/Santa Rosa if the track shifts more to the east.</p>
<p>Inland Southwest AL/South Central AL</p>	<p>Tropical storm force winds (at least in gusts) can be expected to spread inland across these areas during the day Wednesday into Wednesday night. Gusts 45-55 mph. Conditions likely not improving until Thursday morning.</p>	<p>Not expected</p>
<p>Inland Southeast MS</p>	<p>Tropical storm force winds most likely by tonight across George/Greene Counties (gusts 50-70mph possible depending on track.) The threat has decreased elsewhere, but gusts are still possible through Wednesday morning. Winds diminish starting Wednesday afternoon.</p>	<p>Hurricane force wind chances have decreased but still possible</p>



# Storm Surge Watch/Warning

Hurricane Sally



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- A **Storm Surge Warning** is now in effect for the entire coast of Alabama, Mobile Bay, and coastal sections of the western Florida Panhandle.
- Based on the latest track, here is the storm surge inundation forecast:
  - Coastal Alabama including Mobile Bay: 4-7 ft
  - W FL Panhandle: 3-5 ft
  - E Choctawhatchee Bay: 1-3 ft (Coastal Flood Advisory)
- Highest water levels will occur with landfall Wednesday morning, which will correspond around the time of high tide.
- Surf heights between 10-15 ft. diminishing Wednesday night.

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# Forecast Storm Total Rain

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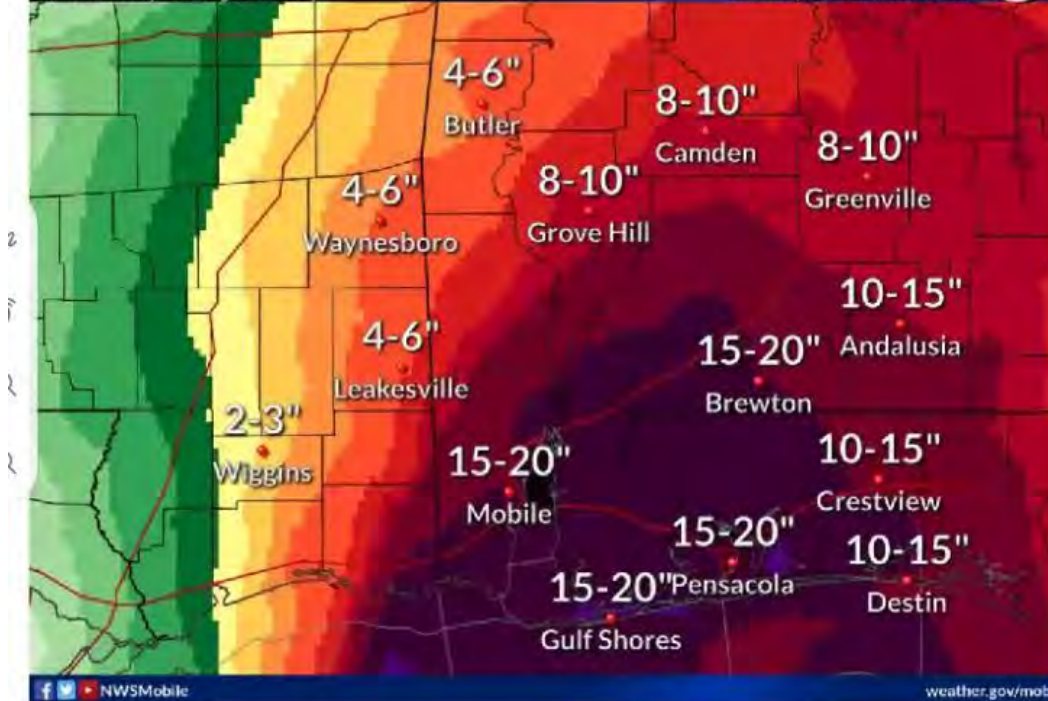
### Hurricane Sally

## Storm Total Rainfall

Hurricane Sally - Through Thursday

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Mobile/Pensacola

Issued Sep 15, 2020 6:08 AM CDT



• **\*\*Significant to historic flooding event is likely\*\***

• Rainfall totals of 10"-20" with localized amounts up to 30" are likely across coastal Alabama into the western Florida Panhandle.

• Further inland, rainfall totals of 8"-15" with locally 20" to 25" possible.

• **Flash Flood Watch** in effect from now through early Thursday morning for all of the western FL Panhandle, all of southwest and south central AL, and all of interior southeast MS.

• **Heaviest rain totals and greatest flooding potential will occur from tonight through early Thursday morning.**

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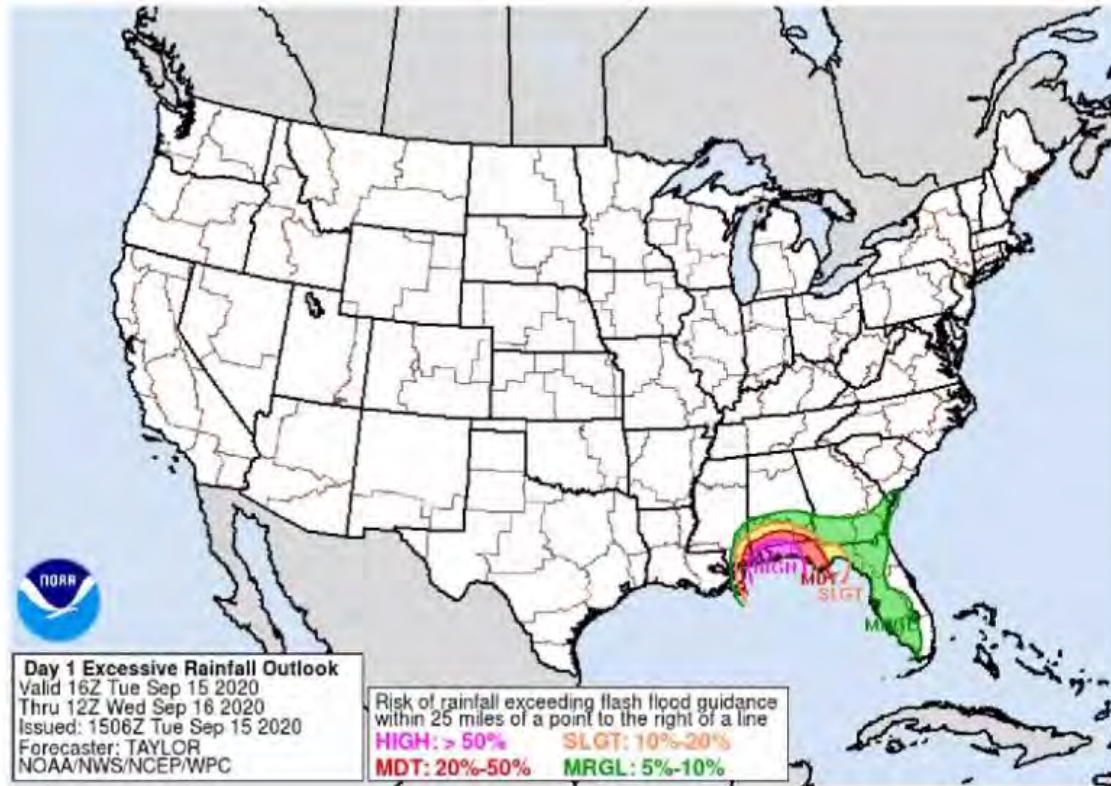
# Inland Flooding Impacts

Hurricane Sally




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- A rare **HIGH** flood risk remains over coastal Alabama and the western Florida Panhandle.
- A significant and notable **MODERATE** risk extends over the remainder of interior southeast MS, interior southwest and south central AL, and the western FL panhandle.
- Life threatening flash flooding will occur.
- **Plan for moderate to major river flooding.**

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# Potential for River Floo

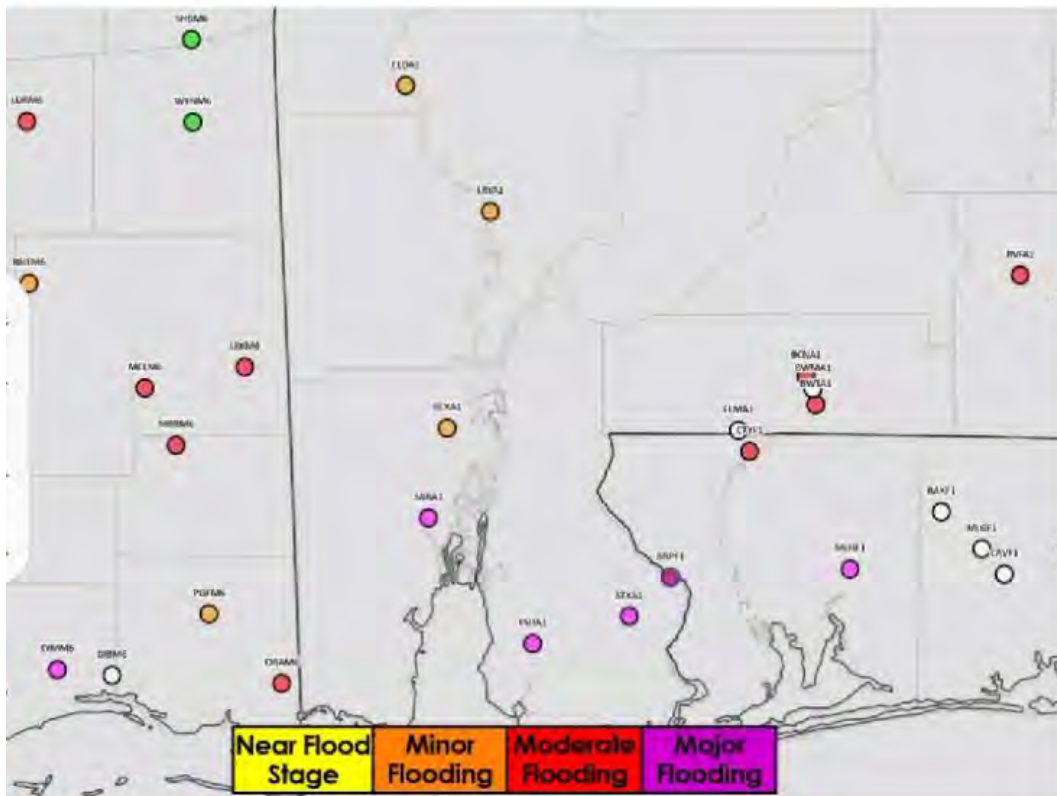
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Hurricane Sally



- This is the most recent scenario based on seeing the higher end of rainfall totals over a particular area.
- Each colored circle indicates the **POTENTIAL** for that river point to reach **minor, moderate, major, or record** river flooding.
- The greatest potential for major river flooding will extend from far southeast Mississippi across coastal Alabama.

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# Potential Tornado Impacts

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## Tornado Threat

Hurricane Sally

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Issued Sep 15, 2020 5:44 AM CDT



- A few tornadoes are possible this morning across coastal AL and the western FL Panhandle.
- This tornado threat will likely expand inland tonight through Wednesday.

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# Key Take-Aways

Hurricane Sally



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- **A Life Threatening and Historic Flood Event is expected.**
- **Hurricane Warnings and Storm Surge Warnings remain for most coastal locations, with the exception of Okaloosa County, FL where a Tropical Storm Warning remains in effect.**
- Life threatening surge values of 4'-7' is possible in coastal Alabama including Mobile Bay. 3'-5' in coastal sections of the western Florida Panhandle.
- This will be a PROLONGED event given the slow movement of Sally.

