

Decision Support Briefing

September 27, 2024
2:00 PM



Southeast River Forecast Center



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Southeast River Forecast Center



Helene Causing Flooding in the Southeast

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Southeast River Forecast Center

Decision Support Briefing #3

→ As of 2:00 PM Friday, September 27th, 2024



Important Updates

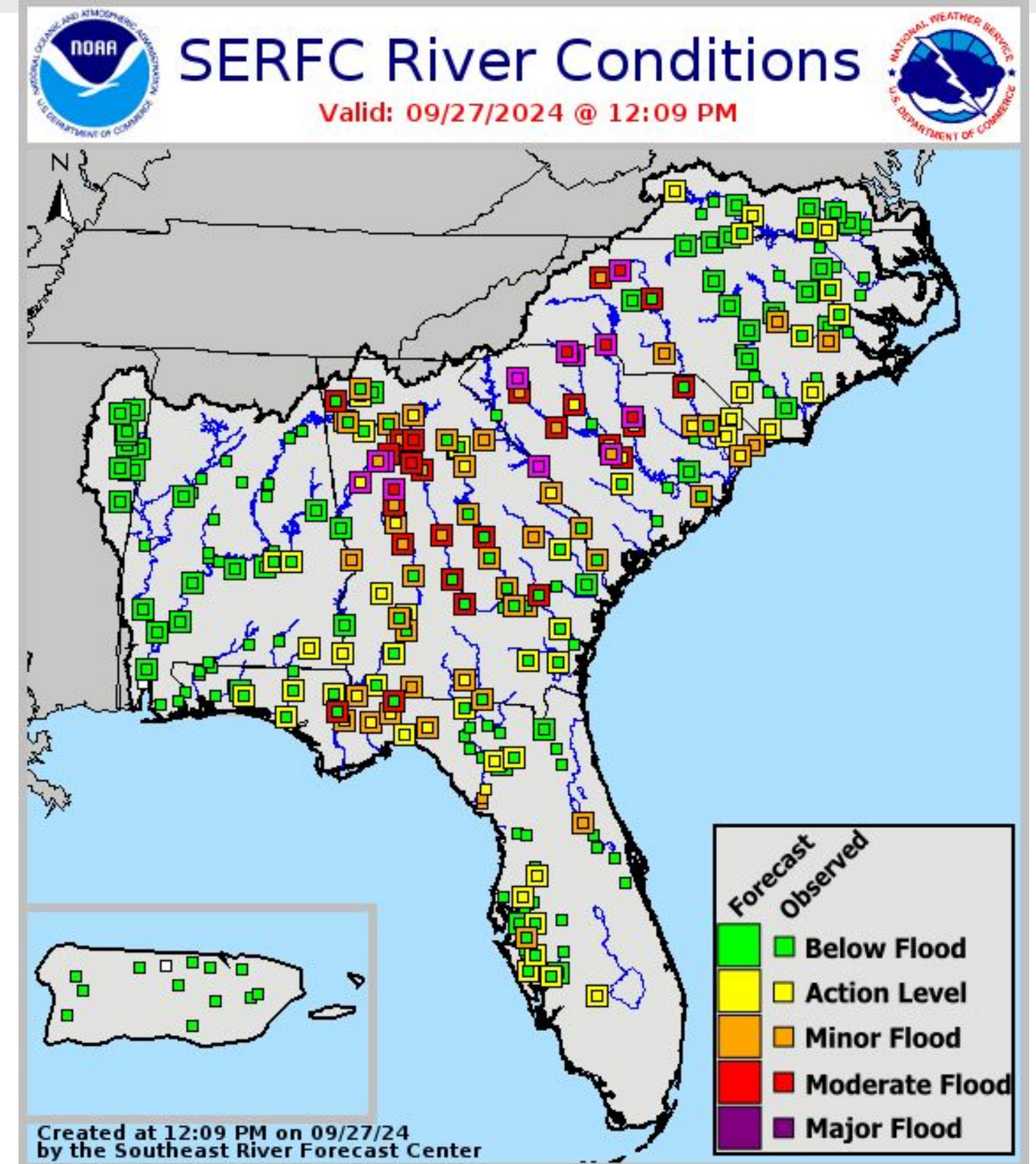
- Over 15 major floods are occurring or have been forecasted.
- Rain has ended in Georgia and Florida.
- Significant rainfall for the Carolinas will end by Saturday morning.

Key Messages

- Hurricane Helene has brought widespread heavy rain to much of the Southeast.
- **Minor** and **moderate** river flooding is occurring or forecasted at over 70 SERFC river forecast points.
- **Major** flooding is occurring or forecasted at over 15 sites in Georgia, South Carolina, and North Carolina.



Make sure to keep up with the latest forecast and have multiple ways to receive warnings!



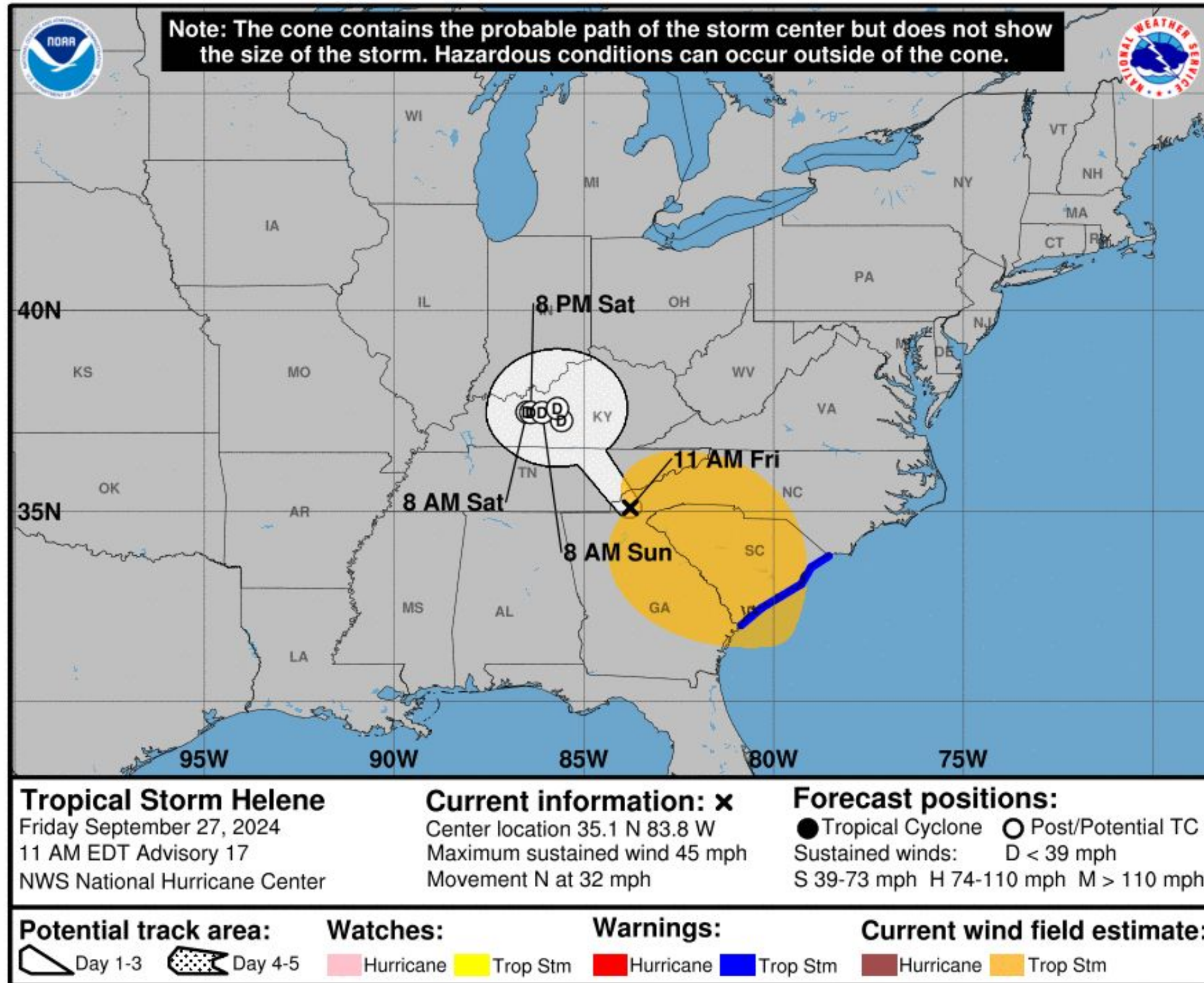
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Latest National Hurricane Center Forecast

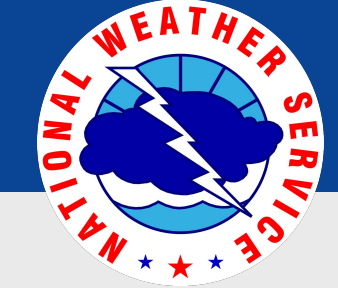
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- Helene has weakened to a tropical depression and its center is located in SE Tennessee.
- Rain still remains in the forecast for the Carolinas and Virginia as the storm moves to the northeast.
- This system is still covering a large area across the southeast.

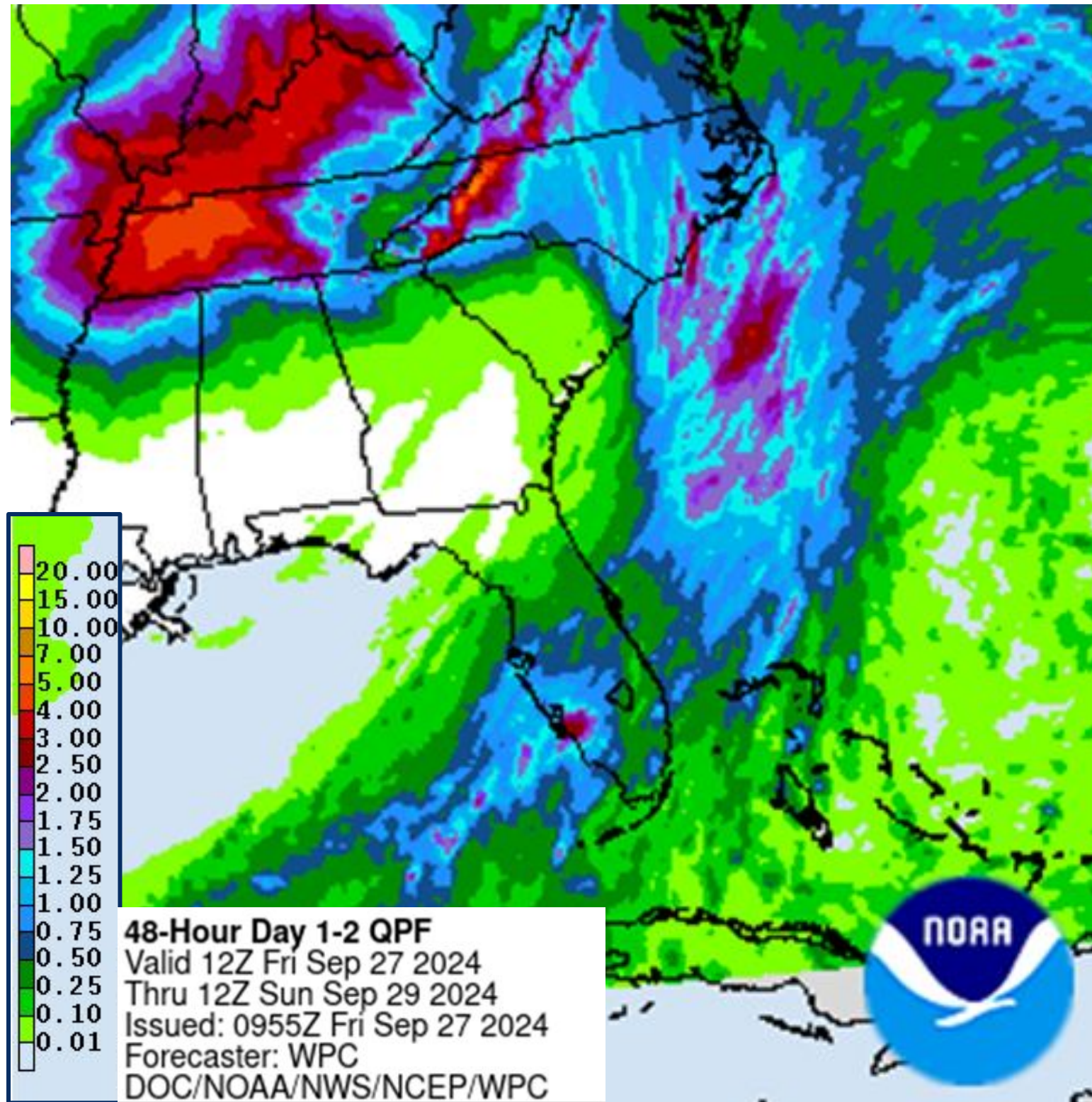


For hazards associated with this storm outside of river flooding, including storm surge, winds, and severe weather, refer to the National Hurricane Center or your local NWS Weather Forecast Office.



Forecast Rainfall

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- Here is the 48-hour rainfall forecast from the Weather Prediction Center.
- Rain continues in the Carolinas and Virginia with the heaviest rainfall along the Appalachian mountains.
- There will also be lingering rain in central and south Florida.





Past 48-hour Rainfall

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Here are a few 48-hour (8 AM 9/25 to 8 AM 9/27) rainfall totals ahead of and around the path of Helene.

■ ..GEORGIA...

DILLARD 3.5 NE	14.06
TALLULAH RAWS	13.93
MCDONOUGH 3.6 E	13.62
FORT EISENHOWER	12.85
NORTH DECATUR 3 NNE	12.51

..NORTH CAROLINA...

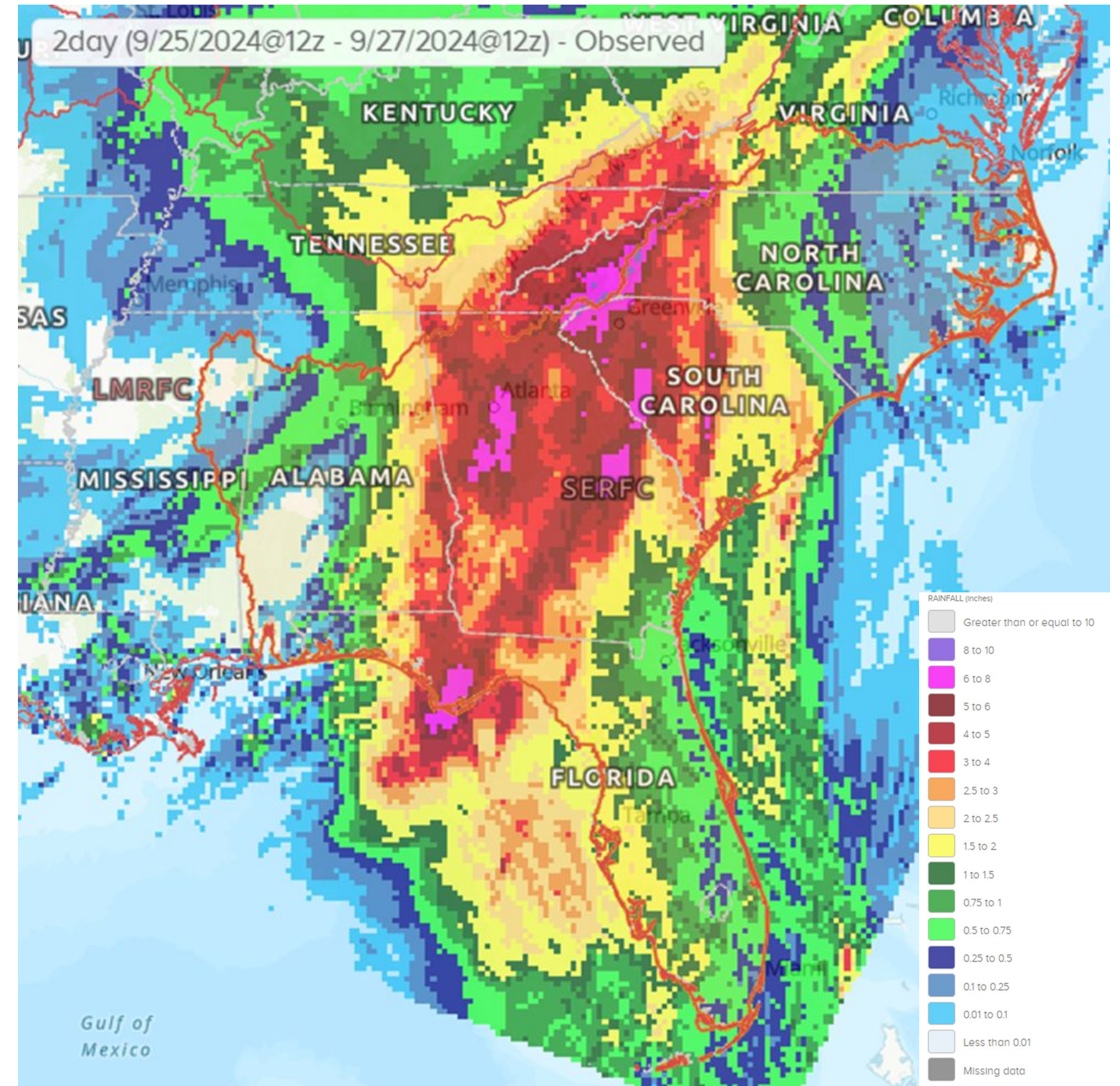
BUSICK RAWS	29.58
MOUNT MITCHELL STATE PARK	24.20
SPRUCE PINE 6.6 SW	18.23

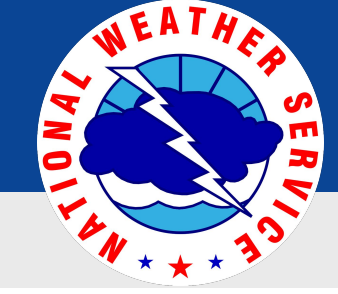
...SOUTH CAROLINA...

SALEM 1.8 NE	13.78
MCCORMICK 12.9 E	13.03
WALHALLA 1.5 NW	11.43

...FLORIDA...

SUMATRA	15.50
WILMA	11.94
GULF COUNTY SALINAS PARK	10.75
MIDWAY 6.9 SW	10.30

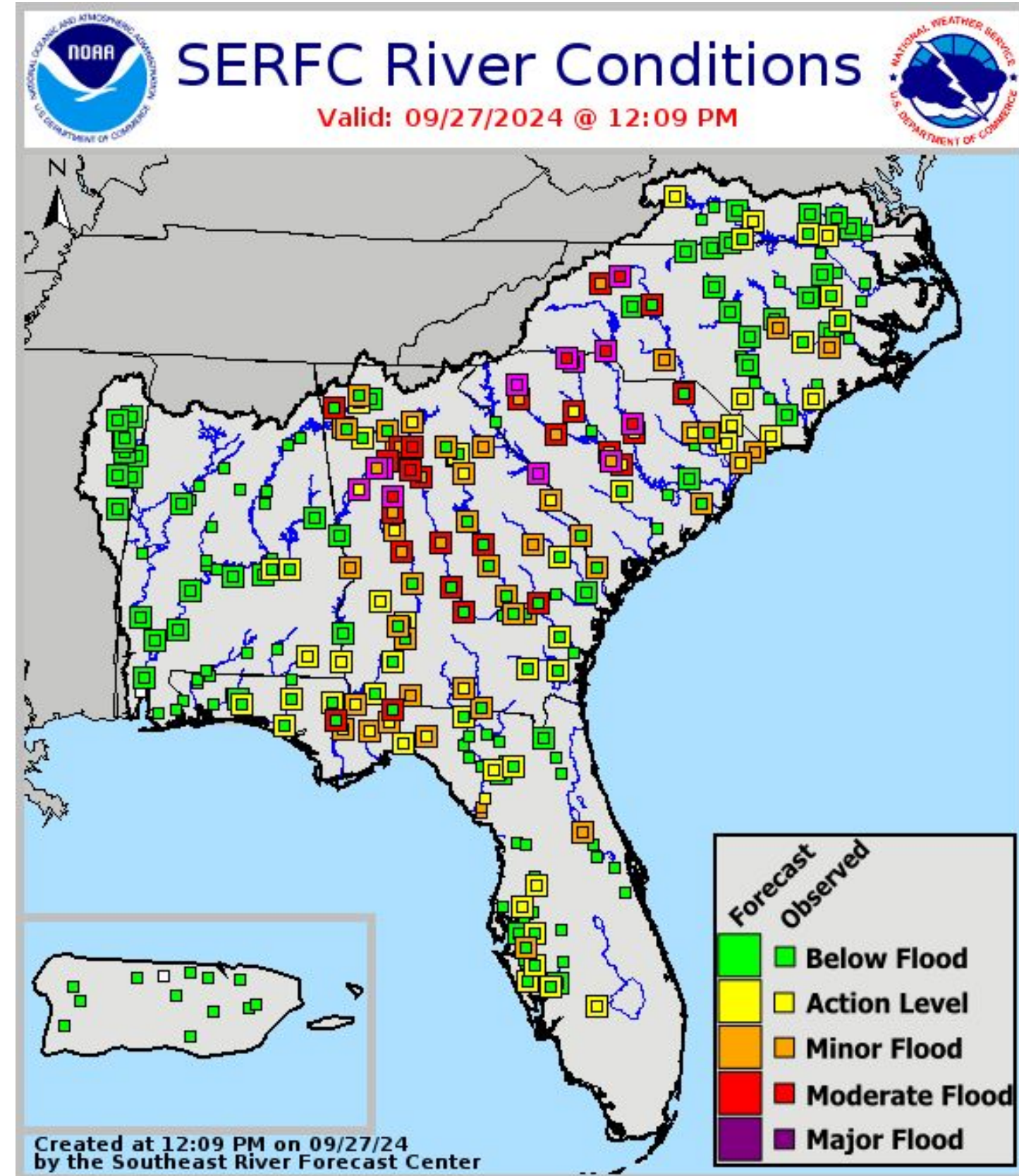




Forecast Rainfall and Impacts

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- Widespread **minor** and **moderate** river flooding is occurring or forecast in a large area from the Florida panhandle through Georgia and the Carolinas.
- **Major** flooding is forecast or occurring at over 15 locations across Georgia and South Carolina.



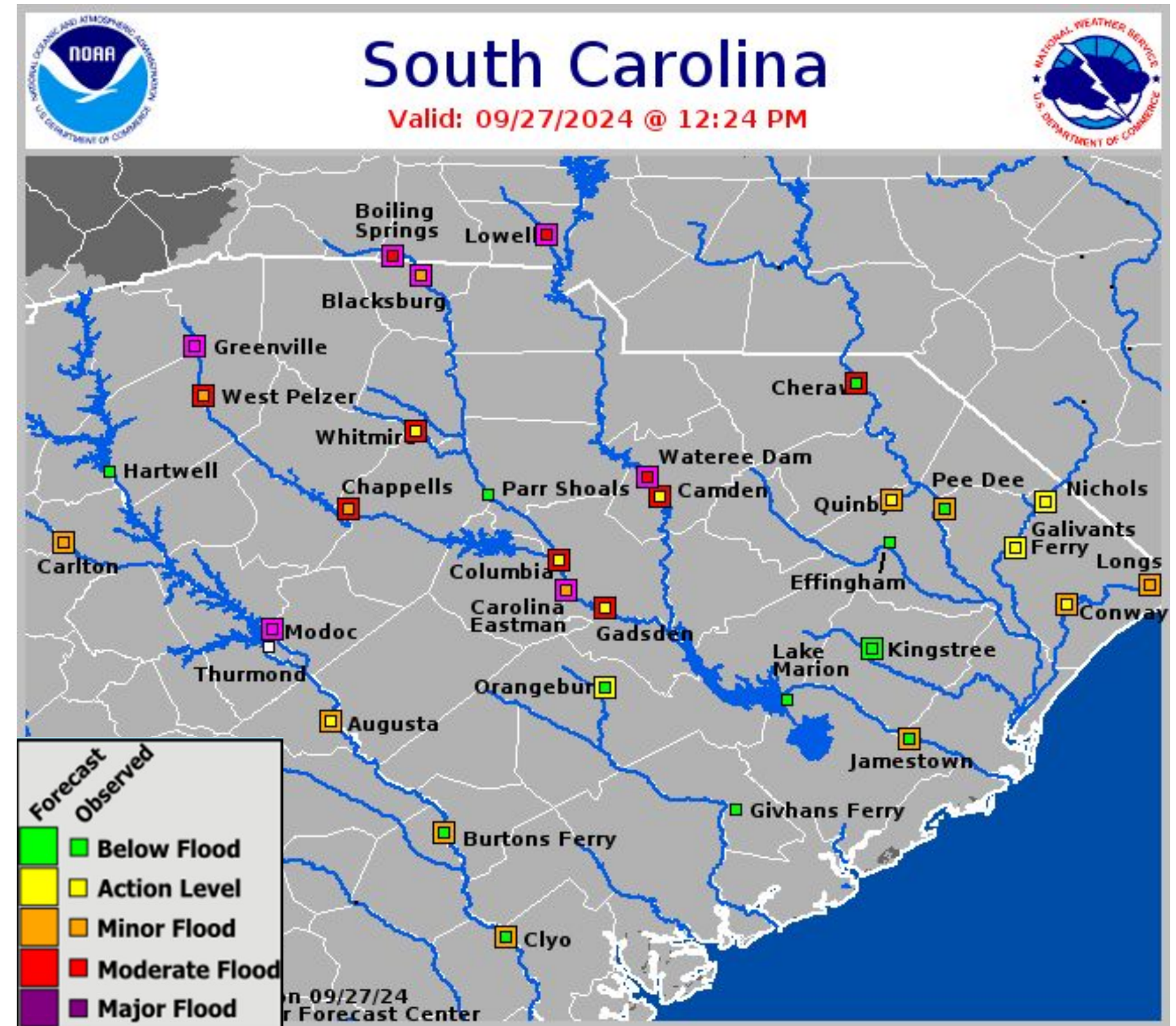


Current Conditions - South Carolina

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- Here is a closeup look at the South Carolina river basins and their categorical observations and forecasts.
- For more detailed information about these forecasts in impacts in their communities, please visit the SERFC website or your local office website.

<http://www.weather.gov/SERFC>



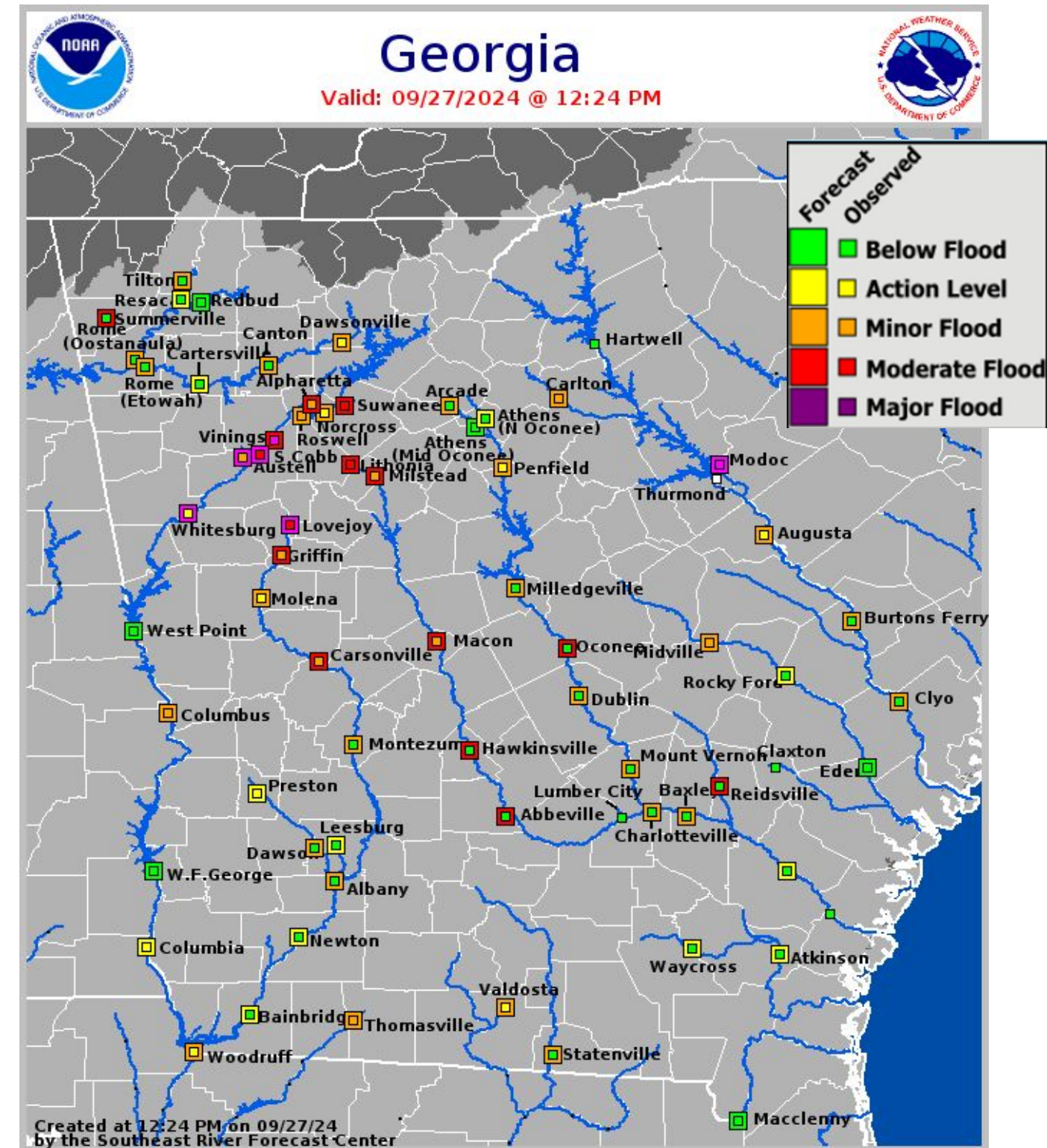


Current Conditions - Georgia

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- Here is a closeup look at the Georgia river basins and their categorical observations and forecasts.
- For more detailed information about these forecasts in impacts in their communities, please visit the SERFC website or your local office website.

www.weather.gov/SERFC





SERFC Operational Status

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24 Hour Operations

SERFC will be in 24 hour ops until further notice.



Latest river stages and forecasts are able to be viewed on our [webpage](#).



Please send all operational correspondence to our email or call the office directly.





Contact and Next Briefing Information

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Southeast River Forecast Center



Briefing Webpage

→ http://www.weather.gov/media/serfc/alert/helene_0927.pdf



Next Briefing

→ Tomorrow, September 28th



Disclaimer

- Information contained in this briefing is time-sensitive
- These slides are intended for your use. Please feel free to share these with others. If you have any questions please email us or contact your local NWS Weather Forecast Office.
- **Remember:** SERFC briefings cover freshwater flooding. For information on coastal and tidal flooding, flash floods, winds, and severe weather risks, please contact your local Weather Forecast Office.



Contact Information

Web

→ weather.gov/serfc

Phone

→ 770-486-0028

Email

→ sr-alr.rivers@noaa.gov

Facebook

→ <https://www.facebook.com/NWS.SERFC/>

Twitter (X)

→ @NWSSERFC

