

Decision Support Briefing

June 16, 2026
1:15 PM EDT



Southeast River Forecast Center



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

National Weather Service
Southeast River Forecast Center



Heavy Rainfall Expected

June 16, 2026
1:15 PM EDT

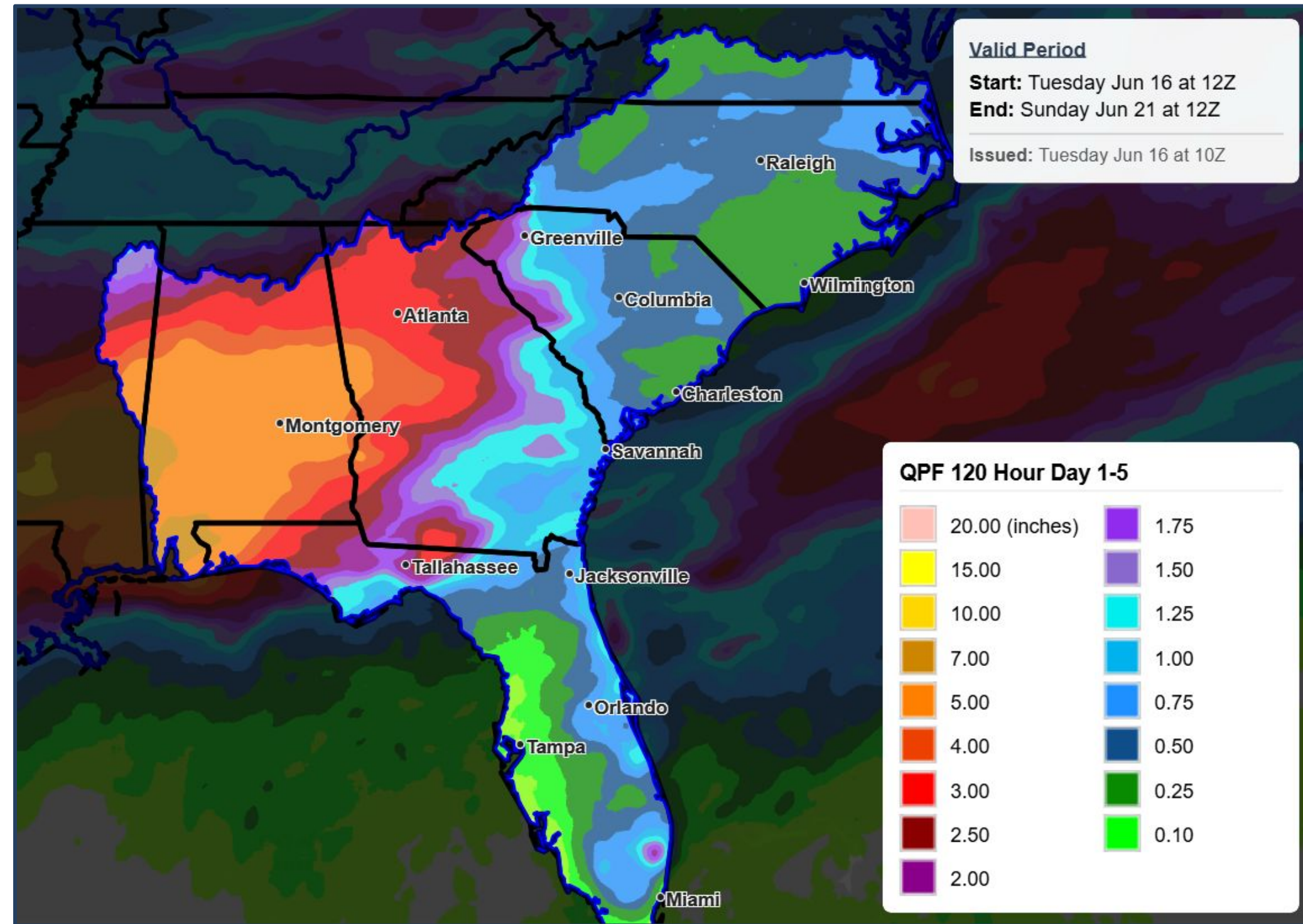
Southeast River Forecast Center

Decision Support Briefing #2

→ As of 1:15 PM ET Tuesday, June 16th, 2026

Key Messages

- There has been little change in QPF amounts and placement, and subsequently expected impacts, since yesterday's briefing.
- A wet pattern over the region will bring heavy rainfall to western Georgia, Alabama, and Mississippi through Sunday.
 - Currently, this rain is likely to lead to numerous action stage rises with scattered minor stage rises across mainstem rivers in the Alabama, Tombigbee, and South Alabama River basins late this week.
 - Very isolated riverine impacts possible in sensitive basins outside these main areas.
 - An isolated moderate rise is not out of the question if there are any long duration, or training storms over one area.
- Faster response flash flooding is also likely with this event. For more information on flash flooding risk, consult with your local NWS Weather Forecast Office.

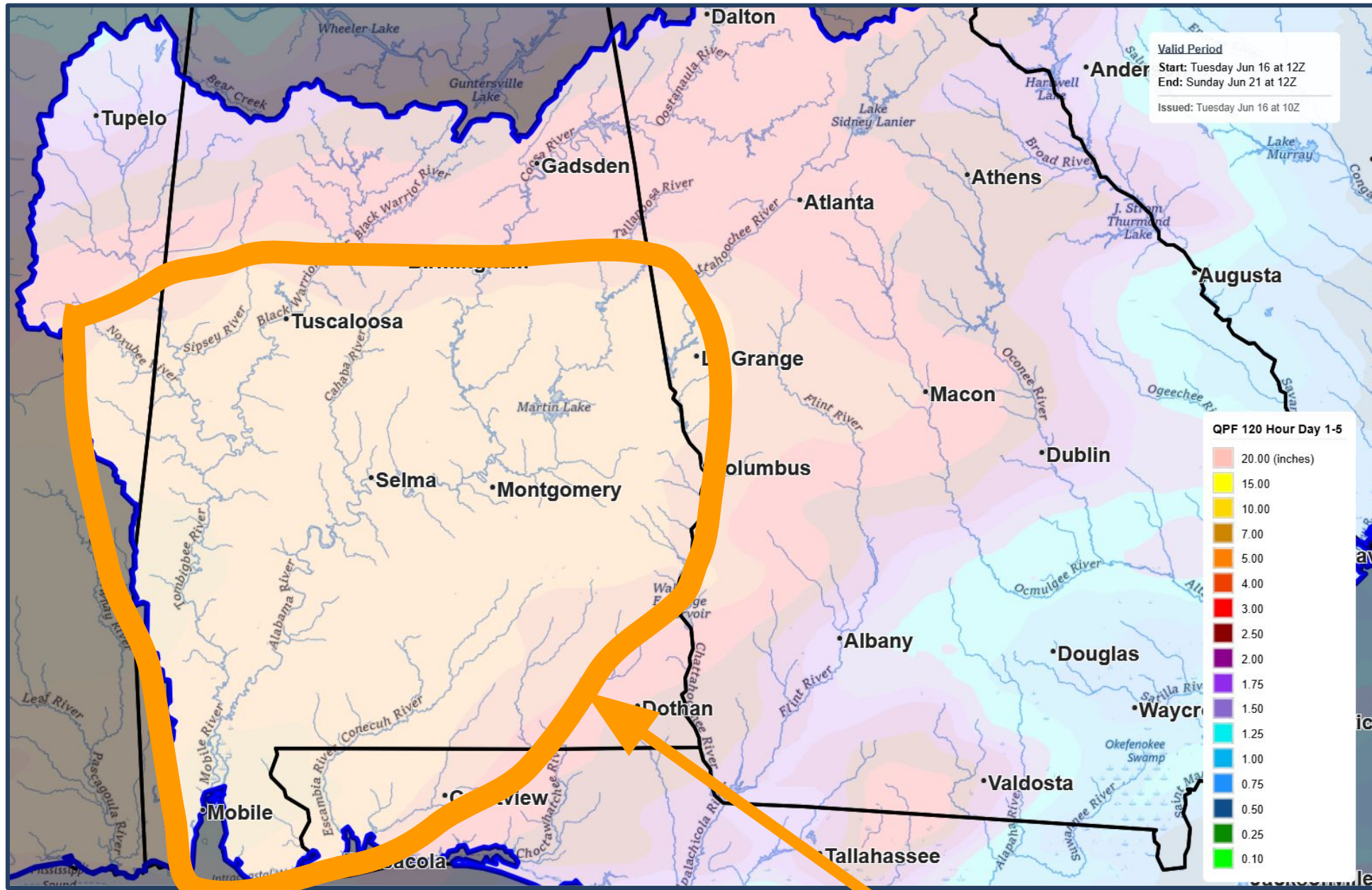




Forecast Rainfall and Impacts

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Widespread Action Stage Rises with Scattered Minor Stages Anticipated



- Rainfall totals through Sunday across Mississippi, Alabama, and Georgia range from 3-4 inches up to 7+ inches in the highest spots. **This is not including rain that fell prior to 8 am ET this morning (6/16)**
- This long duration, widespread moderate to heavy rainfall may result in **action** and **minor** flood stage rises along mainstem rivers mainly in the Alabama, Tombigbee, and South Alabama basins.
 - An isolated moderate stage rise is not impossible if a sensitive basin sees slow moving or repeated storms.
 - This flooding is anticipated to begin late in the work week and into the weekend.
- Faster response flash flooding is also expected with this heavy rain. Please refer to the local NWS Weather Forecast Offices for more information on flash flooding risk.

This is the highest threat area for minor river flooding within the SERFC area. However, isolated flood stage river rises are possible outside this area.

For riverine impacts with this system outside the SERFC area, refer to [West Gulf RFC](#) or [Lower Mississippi RFC](#).

- [WFO Memphis](#)
- [WFO Birmingham](#)
- [WFO Mobile](#)
- [WFO Atlanta](#)
- [WFO Tallahassee](#)





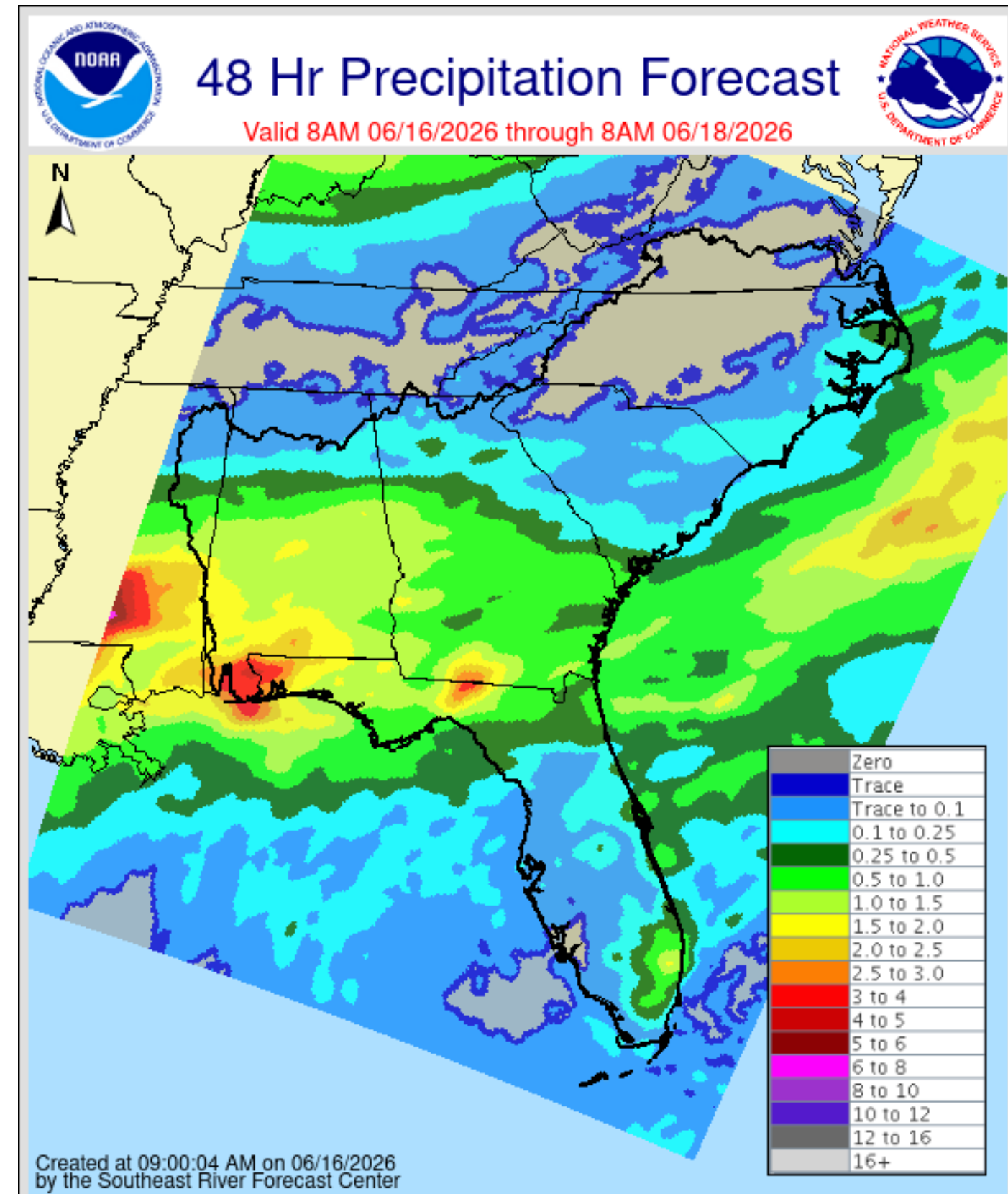
Reminder

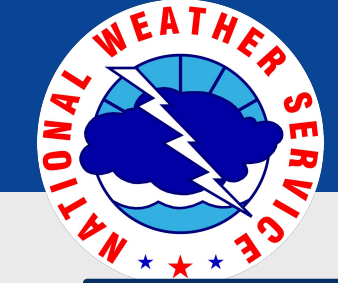
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Reminder

- The total rainfall expected is **not yet included in official SERFC river forecasts.**
- We are using **48 hours** of forecast rainfall in our river models.
- Total rainfall for this event will not be in our models until Thursday.
- To get an idea of impacts that include rainfall beyond 48 hours, consult MMEFS [here](#).
 - ****MMEFS does not incorporate uncertainty around reservoir operations.****





How to interpret MMEFS

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NAEFS 10 Day River Probabilities

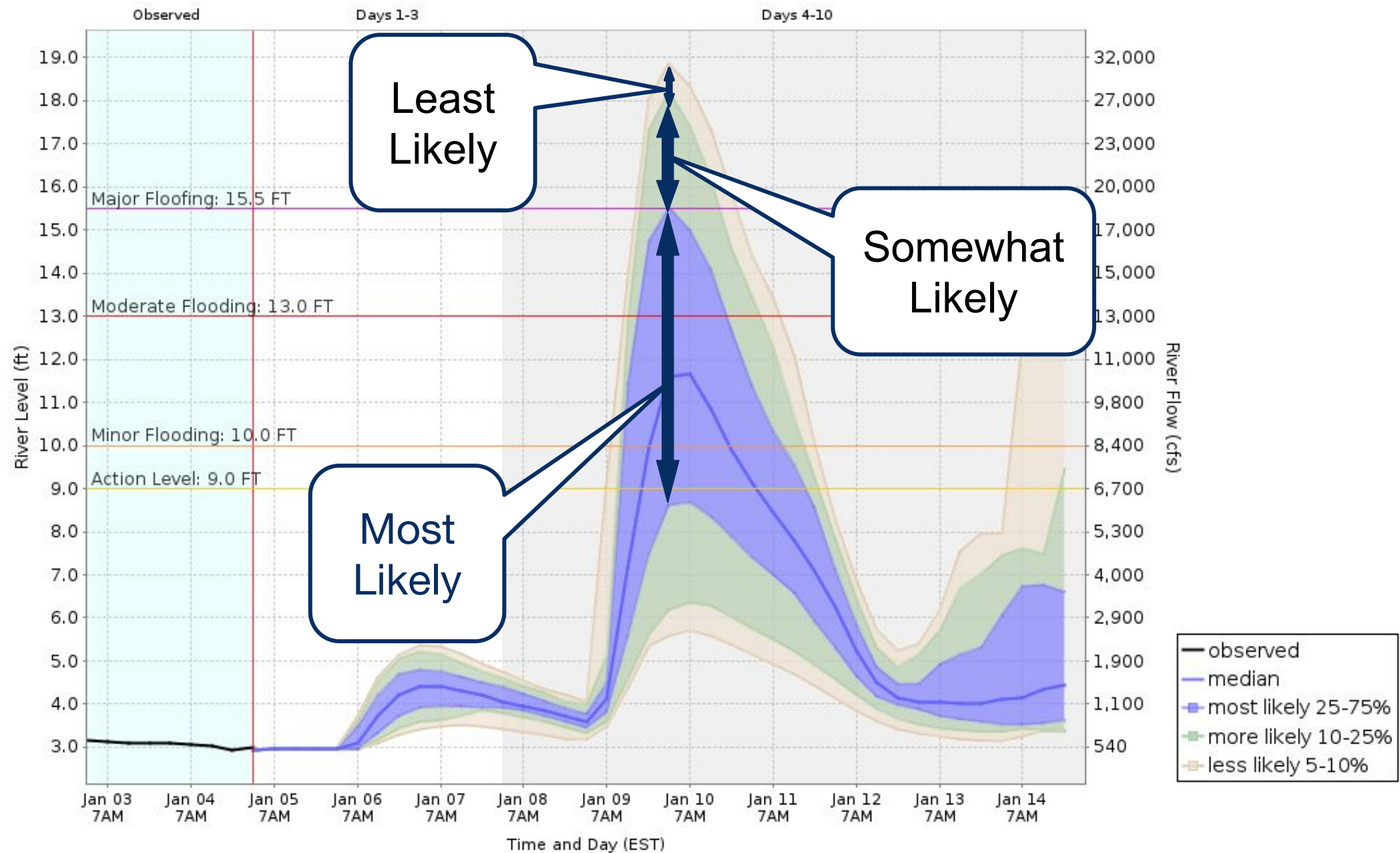
NAEFS - 10 Day River Level Probabilities

Based on North American Ensemble Forecast System Model Simulations
Used to Estimate the Range of Possible River Levels



Jan 05 - Jan 15, 2024

South Fork Catawba River at Lowell



Model runtime: 01:00 AM EST Jan 05 2024
Southeast River Forecast Center

- This product gives a probabilistic forecast for our river points and shows a range of scenarios.
- The shaded areas represent a probability of occurrence at each time step.
 - The blue area is where the middle 50% of the scenarios fell. The river has the highest chance of being somewhere within this section.
 - A smaller percentage of scenarios fell within the green area. The river has somewhat (around 30%) of a chance of falling in either green area.
 - The beige area is where the smallest number of scenarios fell. The river falling within this area is not impossible, but extremely unlikely. The top beige area represents a reasonable “worst case scenario”.





SERFC Operational Status

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Normal Operations

SERFC remains on normal operations.



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

→ https://www.weather.gov/media/serfc/DSSBuilder/decision_support_briefing.pdf



Next Briefing

→ Tomorrow, Wednesday, June 17th, 2026



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.



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