

# Weather Briefing for Southeast SC/GA



11:00 AM

Monday, April 4, 2022

**Disclaimer:** The information contained within this briefing is time-sensitive and could affect its validity as the date/time moves away from when the briefing was created.

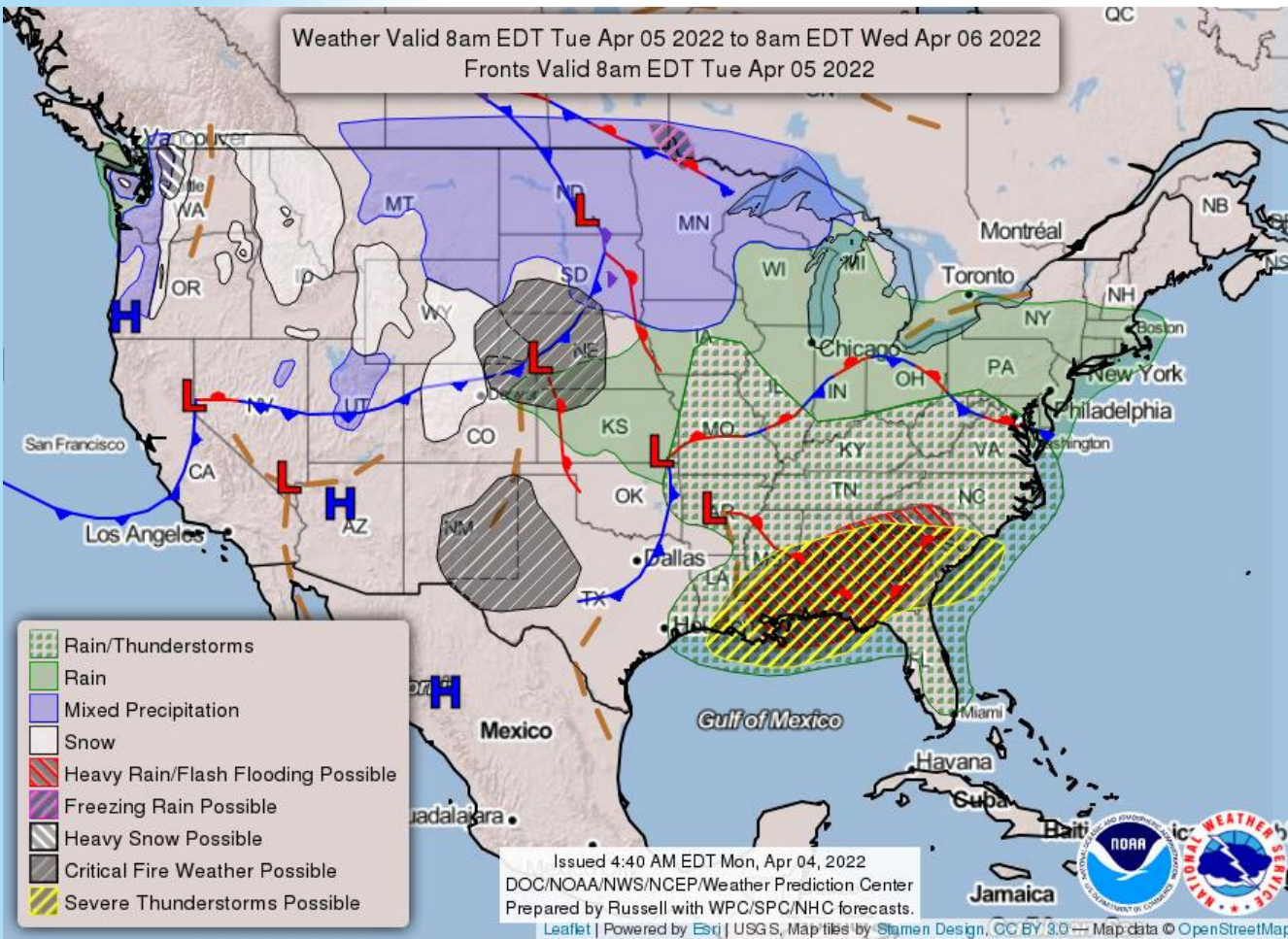


## Highlights

- Severe Weather Potential Tuesday and Wednesday
- Marine Hazards Tuesday through Thursday
- Minor River Flooding
- Quiet Weather This Weekend



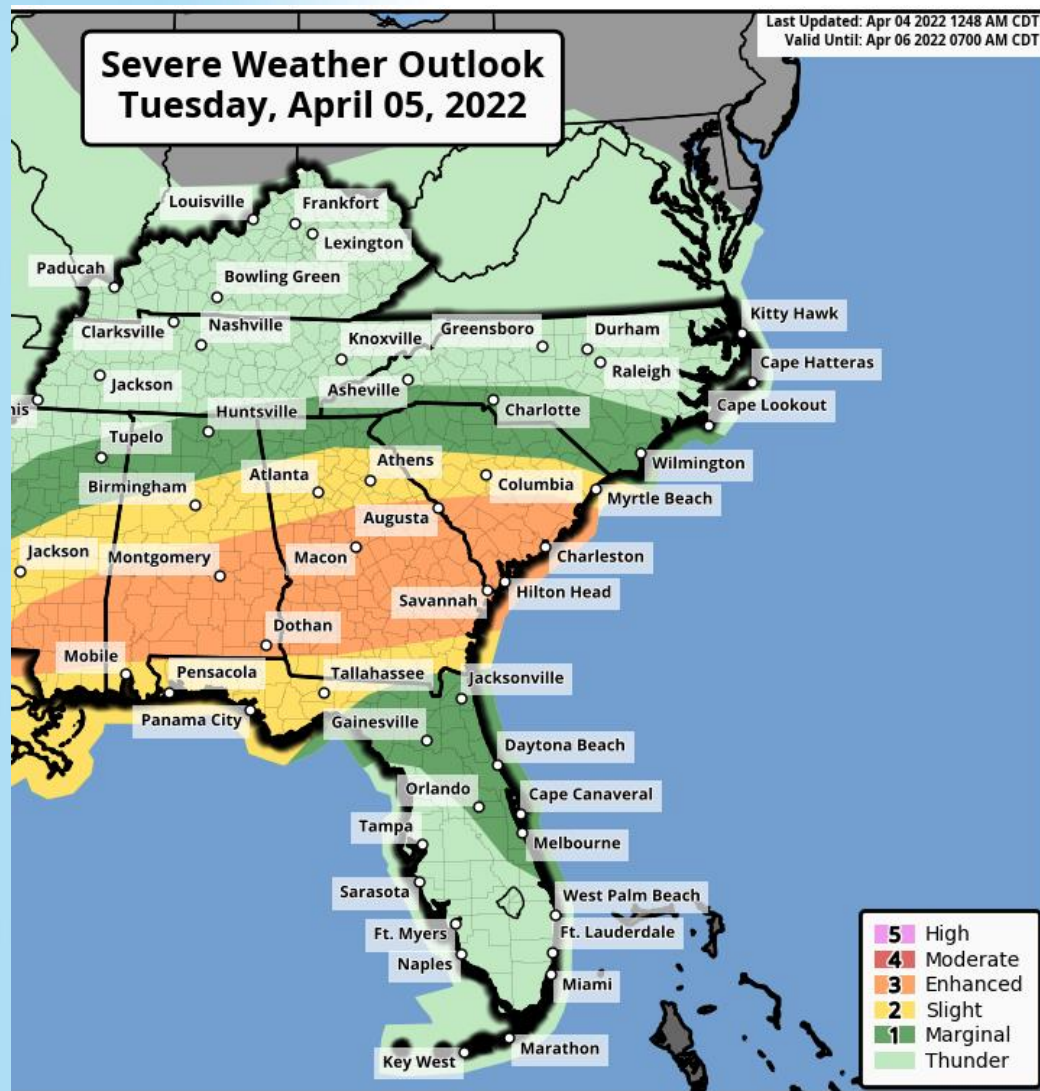
# Tuesday Weather Map



- ✓ Wave of energy traverses the Deep South and Southeast United States.
- ✓ A line or cluster of showers and thunderstorms, some strong and/or severe, possible across the local area.
- ✓ Severe Thunderstorm or Tornado Watches could eventually be needed Tuesday afternoon/evening



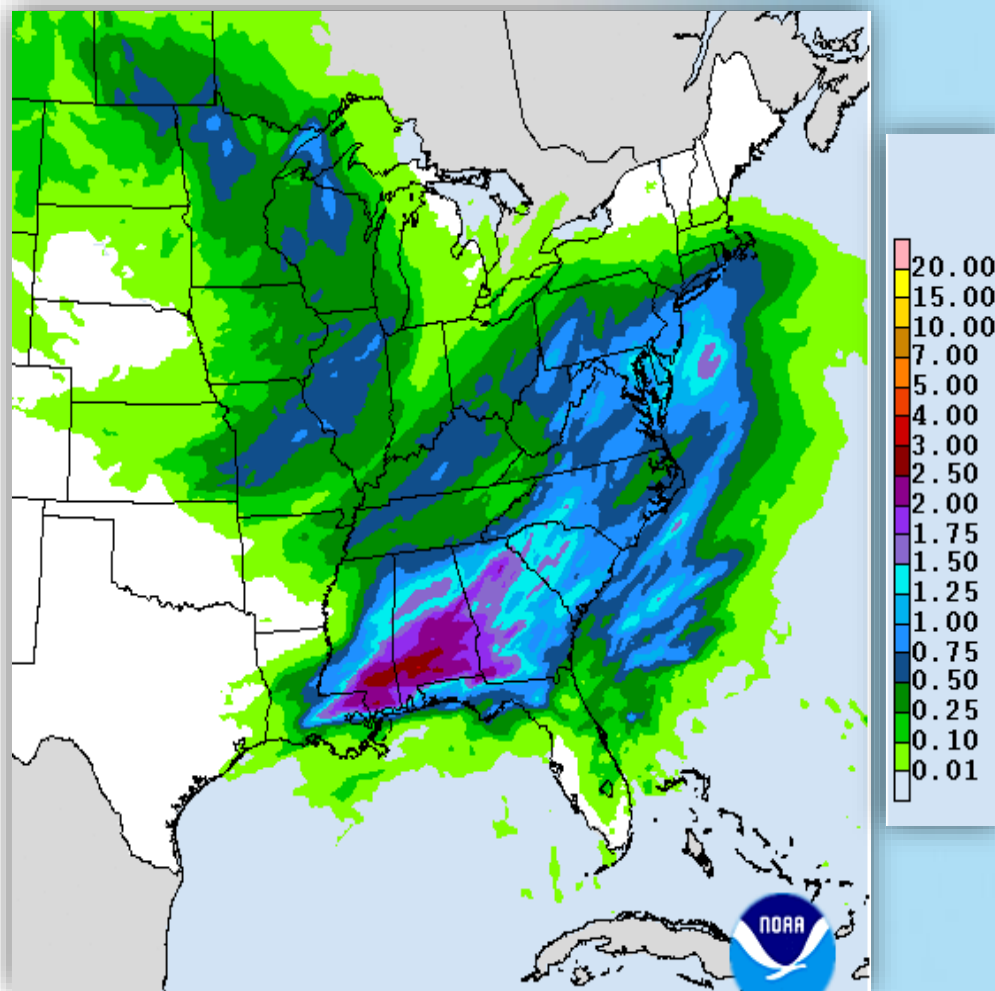
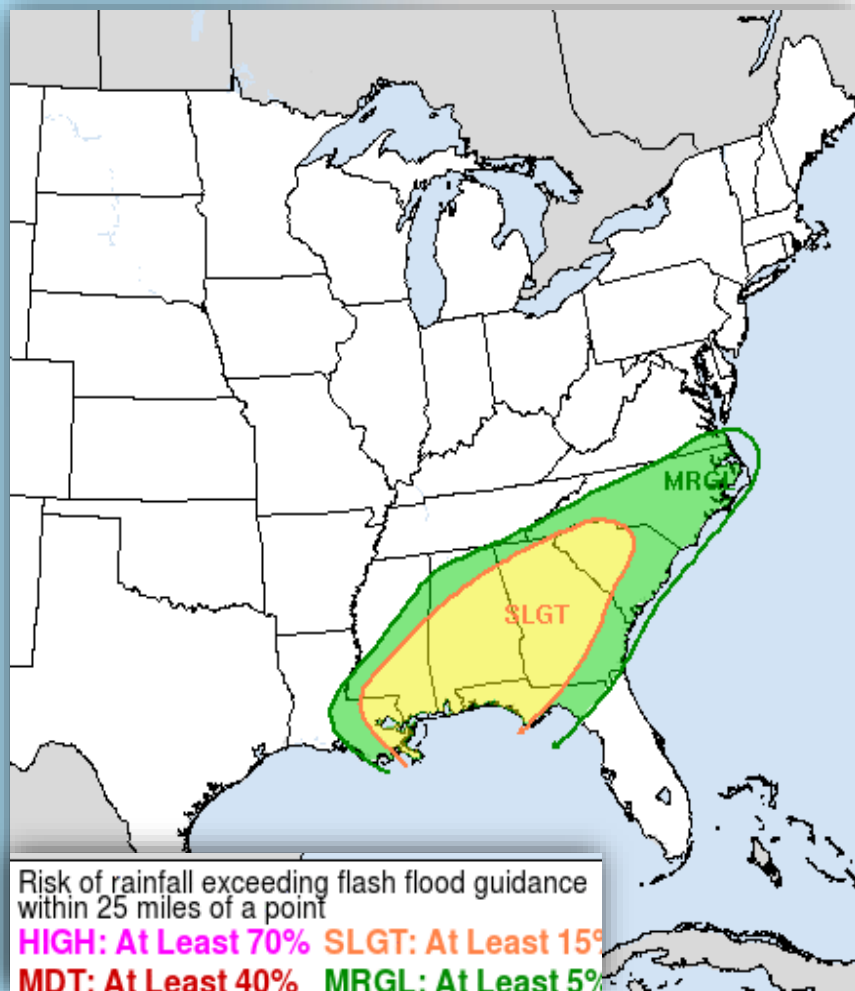
# Severe Weather Outlook: Tuesday



## Overview:

- ✓ Dominant Hazards:
  - ✓ Damaging Winds
  - ✓ A Few Tornadoes
  - ✓ Brief Heavy Rainfall
- ✓ Timing:
  - ✓ 2PM-10PM
  - ✓ Highest Threat 5PM-10PM
- ✓ Location:
  - ✓ Southeast Georgia And Southeast South Carolina
  - ✓ Greatest Impacts Expected Across Inland locations.

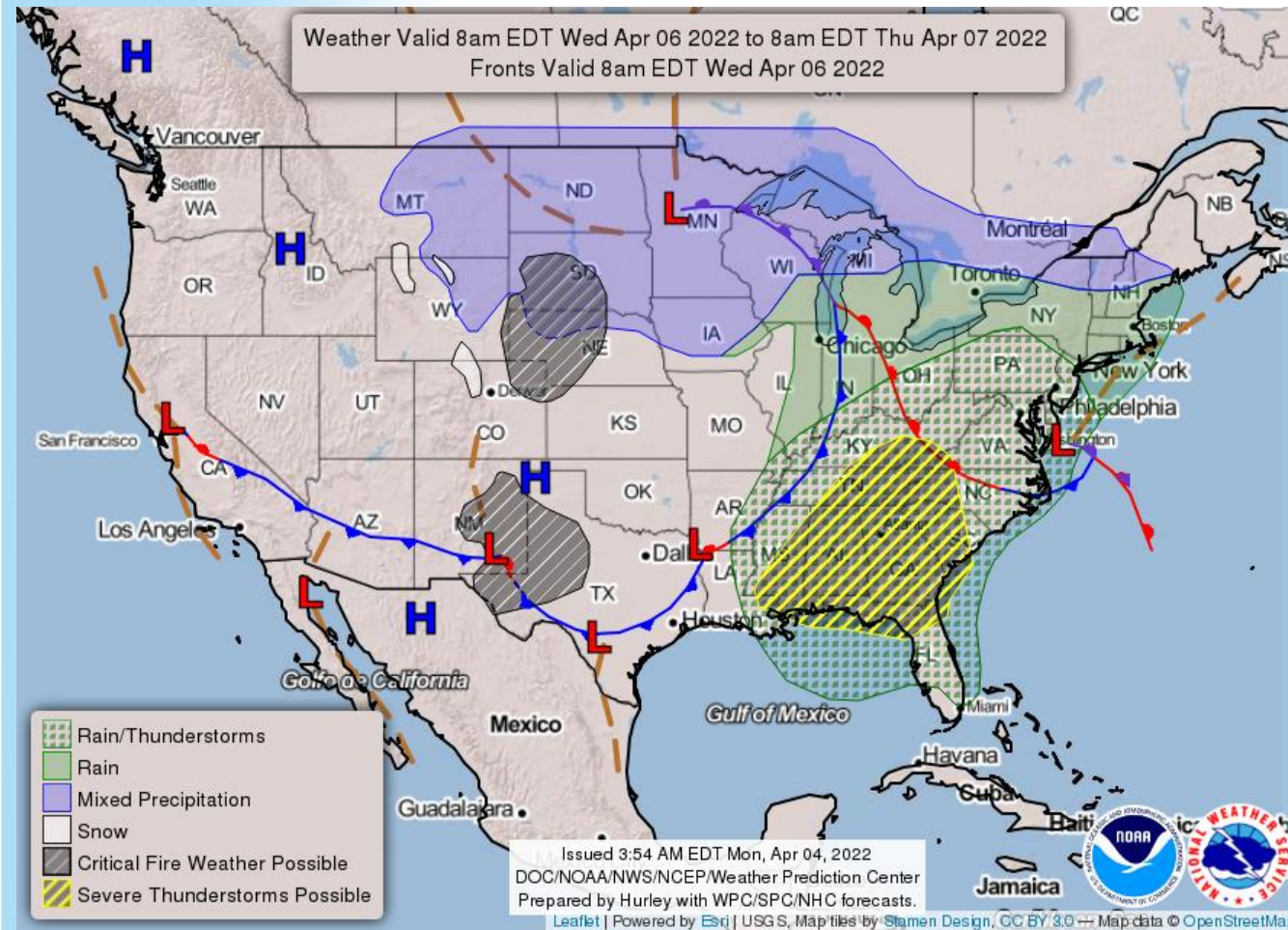
# Tuesday Rainfall Forecast



- ✓ Rainfall totals between 1.0-1.5 inches with isolated higher amounts during thunderstorms could produce localized flooding of low-lying and poor drainage areas.

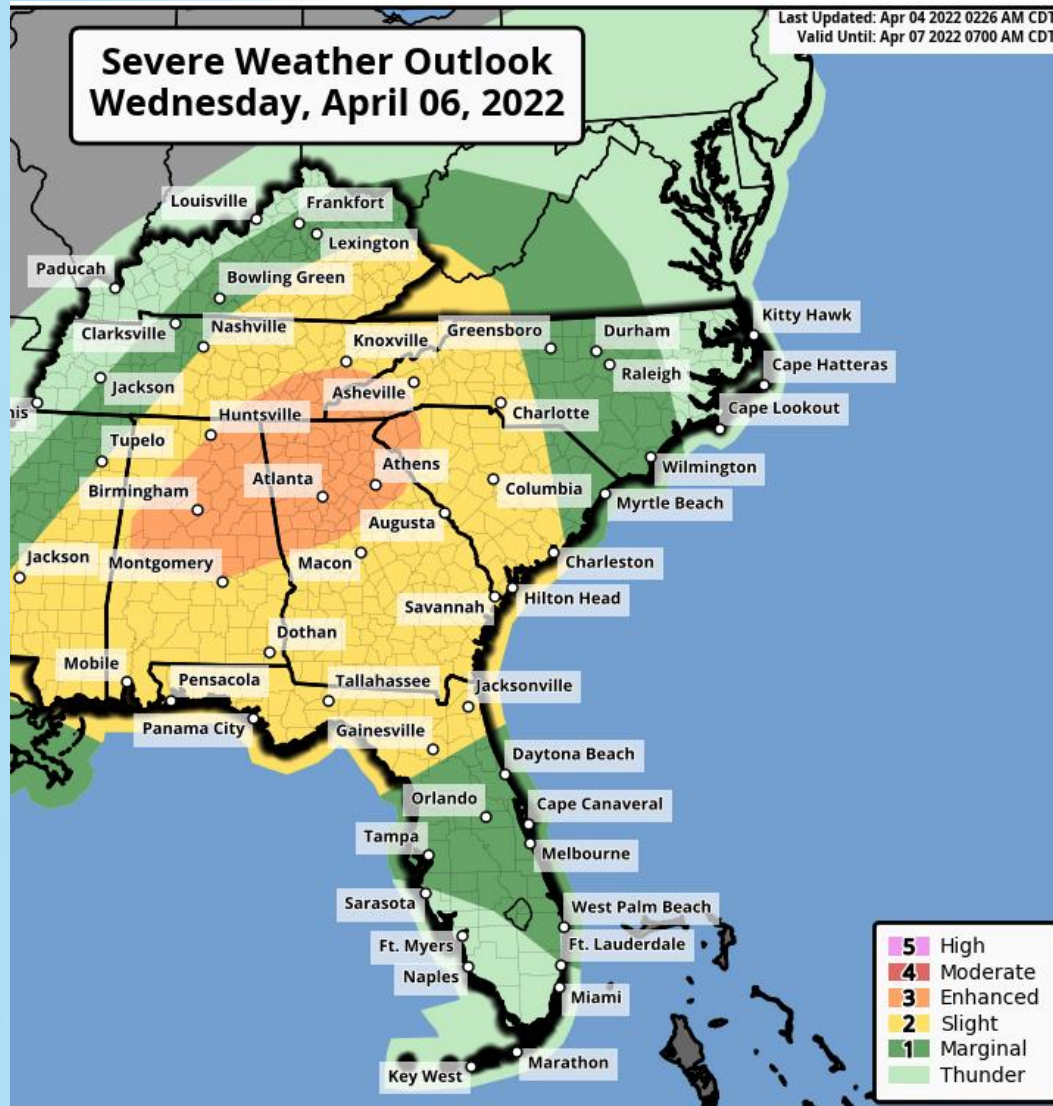


# Wednesday Weather Map



- ✓ Warm and unsettled conditions remain across Southeast United States ahead of a cold front.
- ✓ Showers and thunderstorms could be strong and/or severe across the local area during evening and overnight hours when the cold front is near the local area.

# Severe Weather Outlook: Wednesday

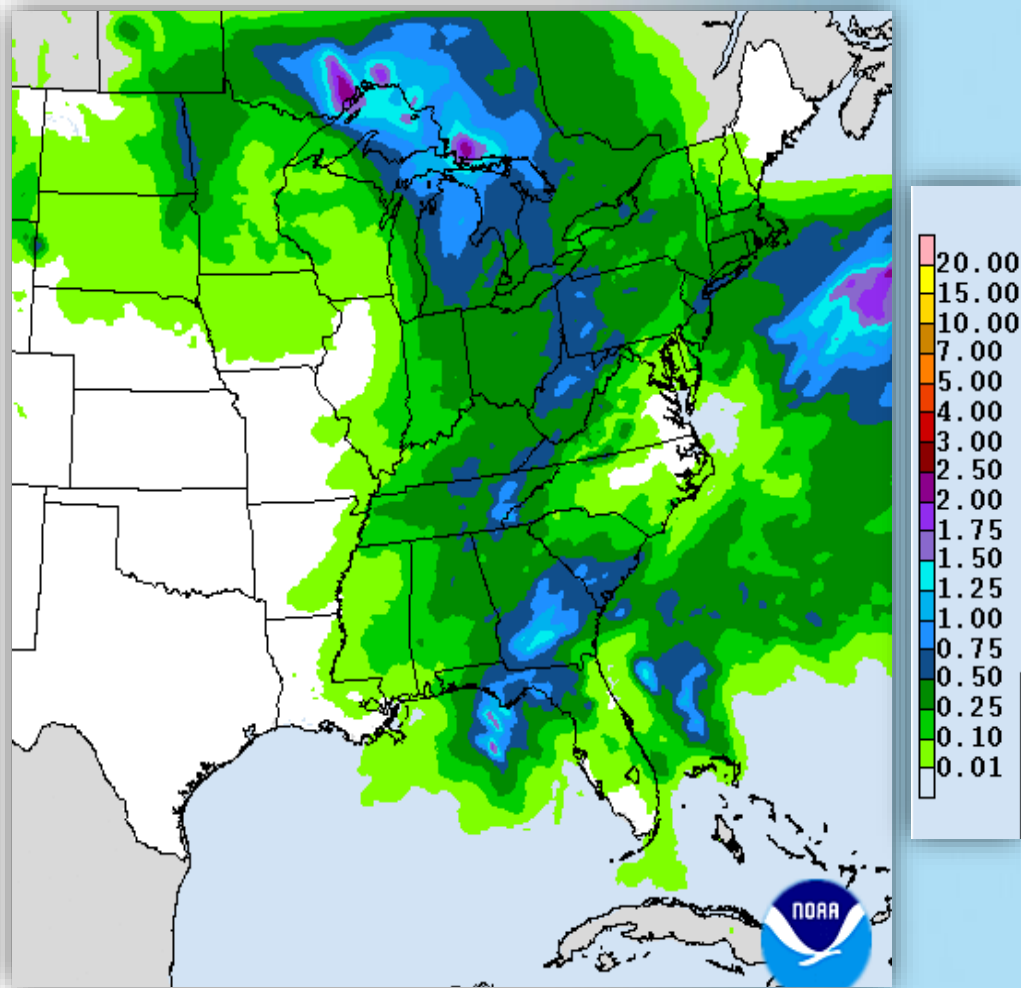


## Overview:

- ✓ Dominant Hazard:
  - ✓ Damaging Wind
- ✓ Timing:
  - ✓ Evening and Overnight Hours
- ✓ Location:
  - ✓ Southeast Georgia Into Southeast South Carolina.



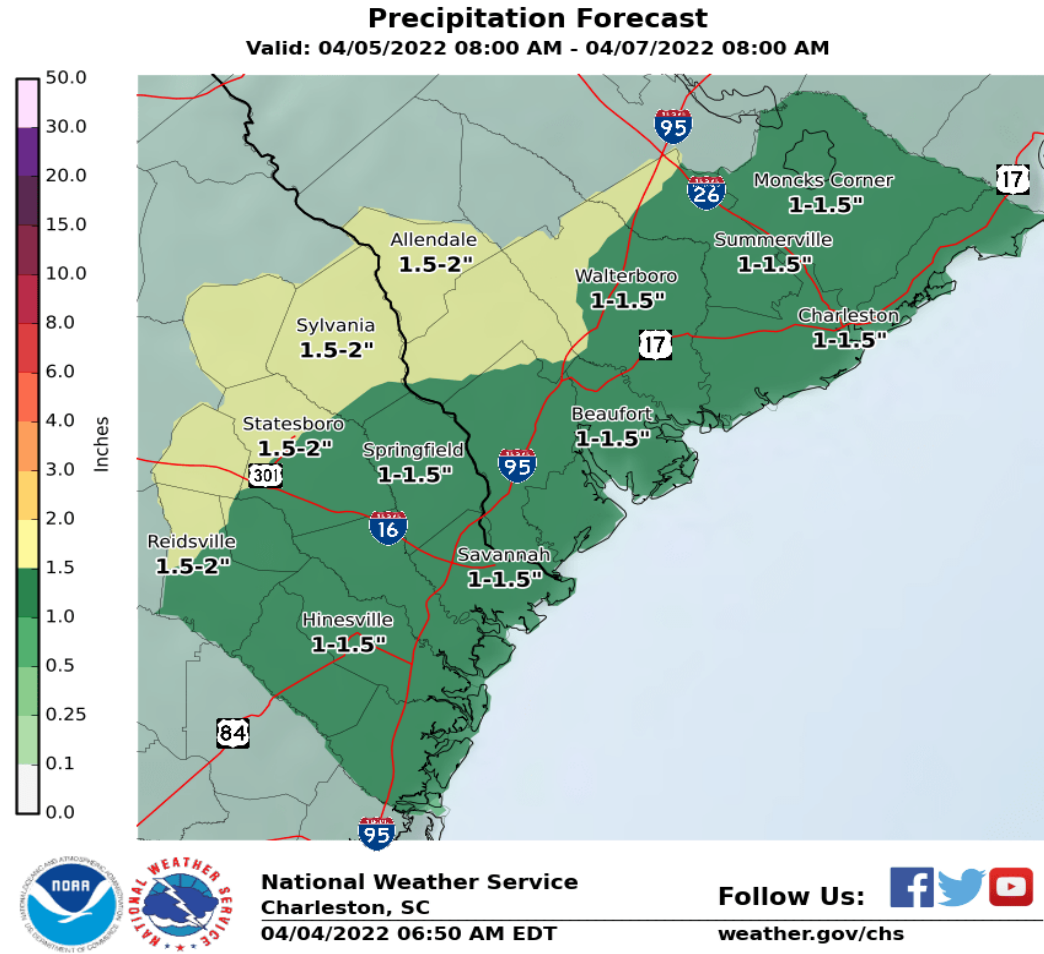
# Wednesday Rainfall Forecast



- ✓ Rainfall totals between 0.5-1.0 during showers and thunderstorms could produce localized flooding of low-lying and poor drainage areas, especially if heavier rains experienced on Tuesday.

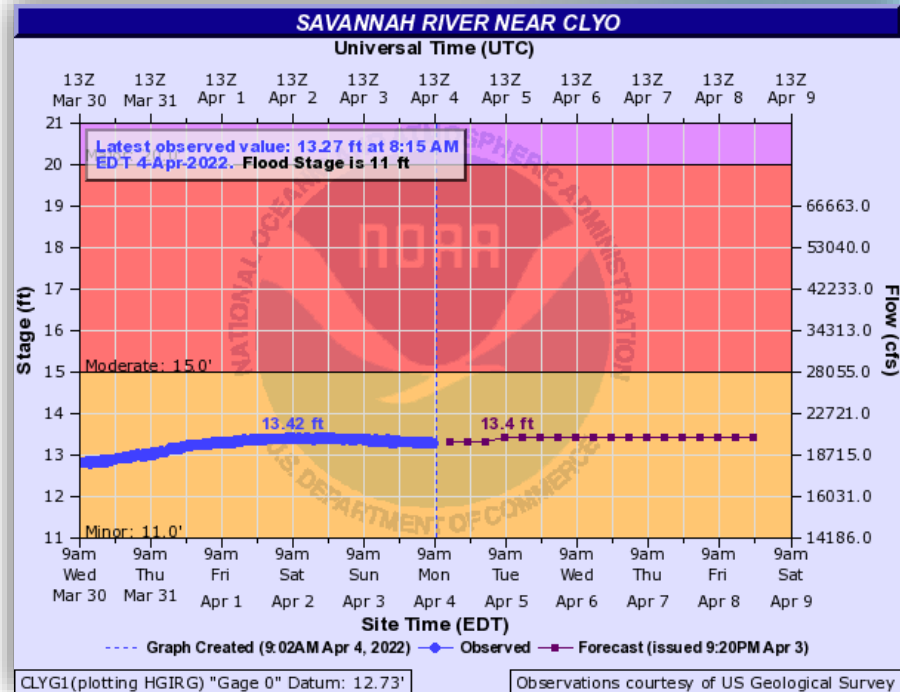
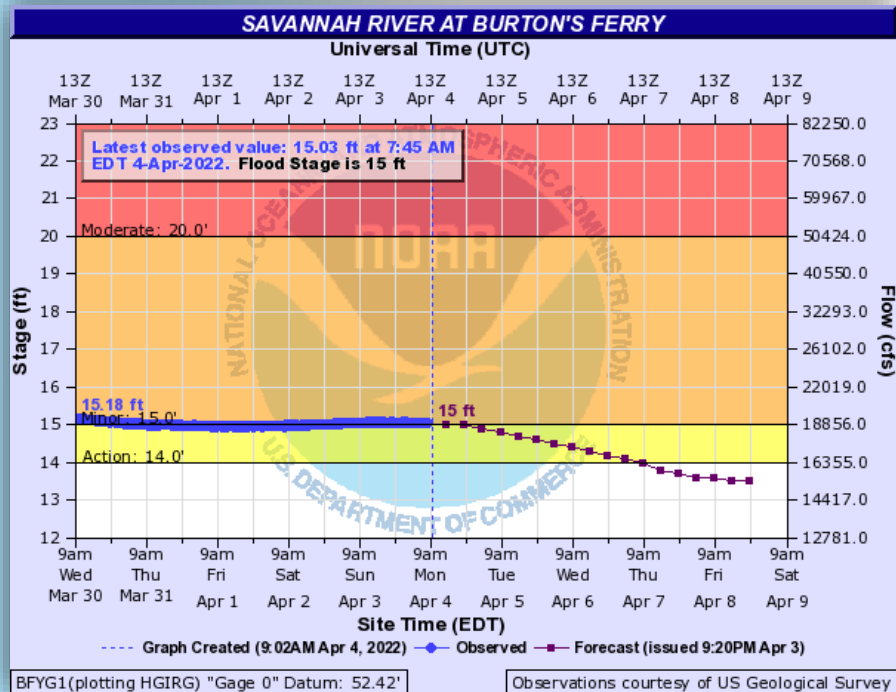


# Rainfall Forecast



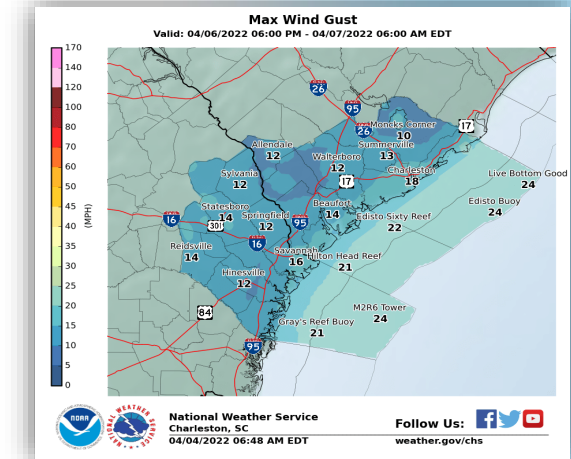
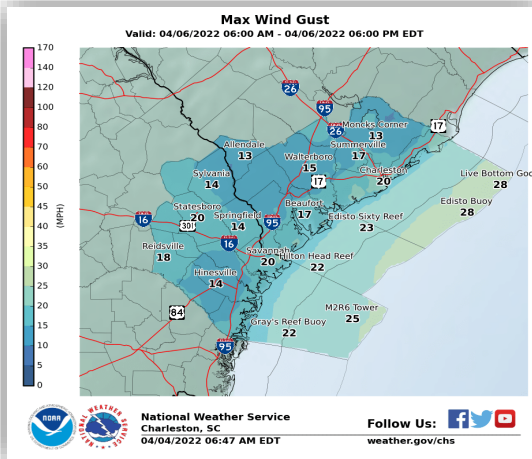
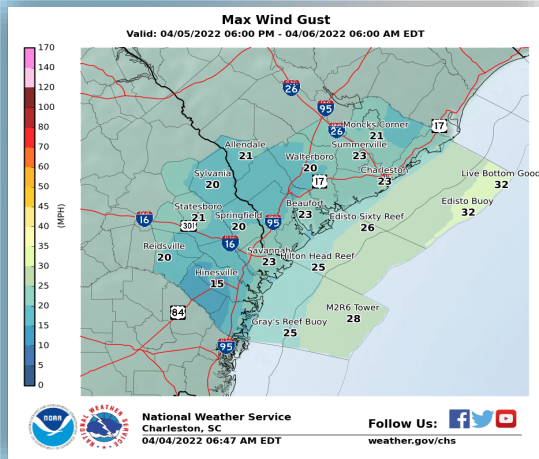
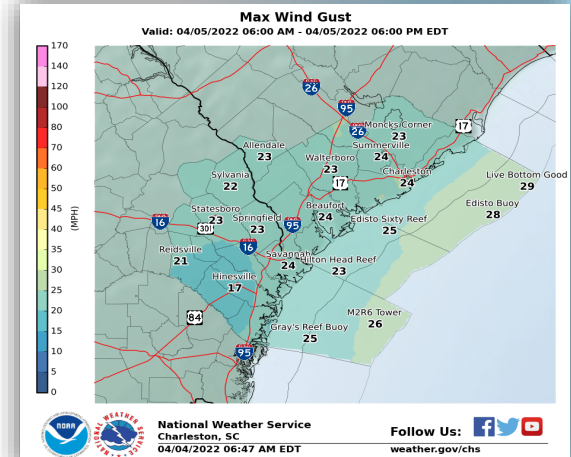
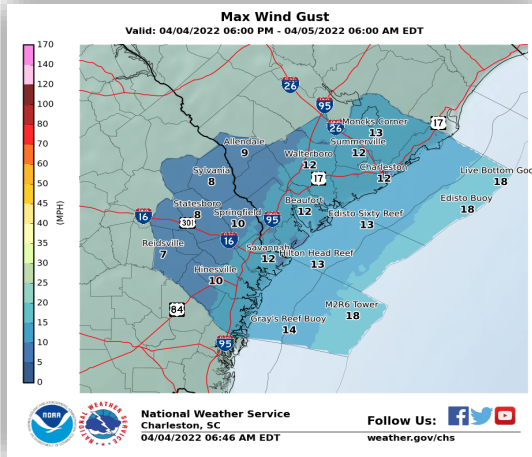
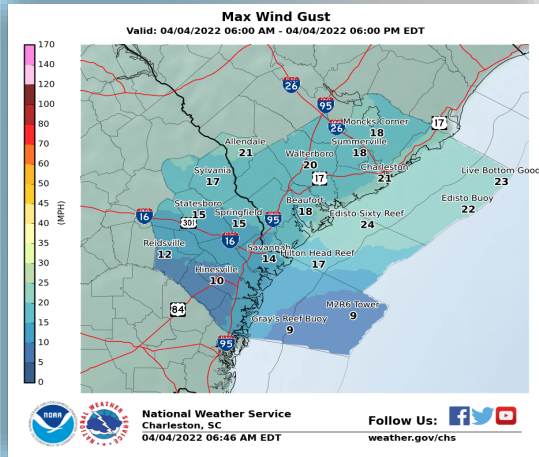
- ✓ Rainfall accumulation Tuesday through early Thursday.
- ✓ Isolated higher amounts possible.

# Savannah River



- ✓ Burtons Ferry and Clio remain in minor flood today, should be slow to recede with widespread rain anticipated across the region Tuesday through late Wednesday.

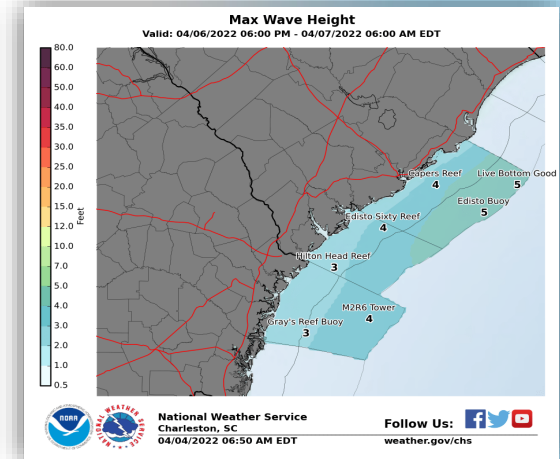
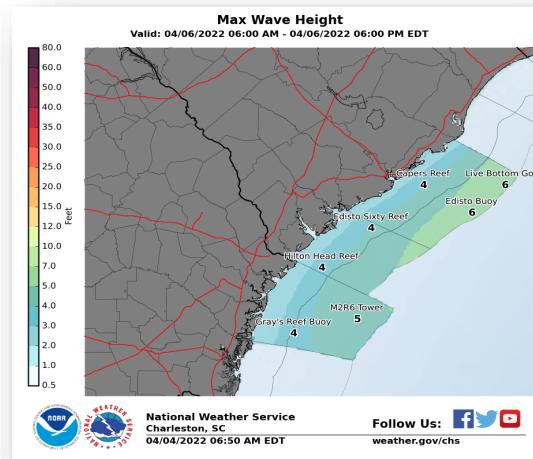
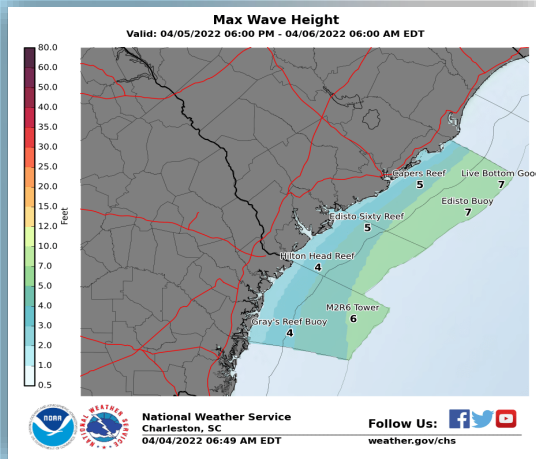
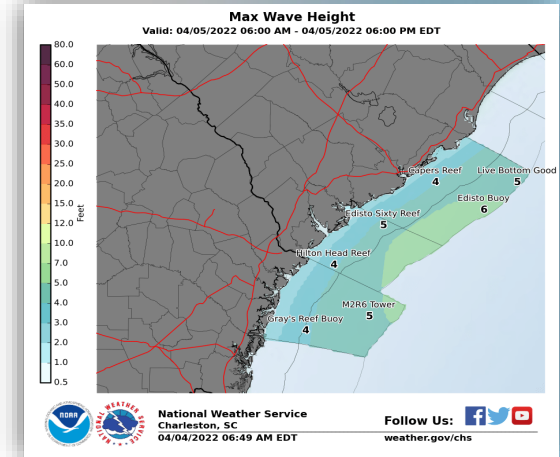
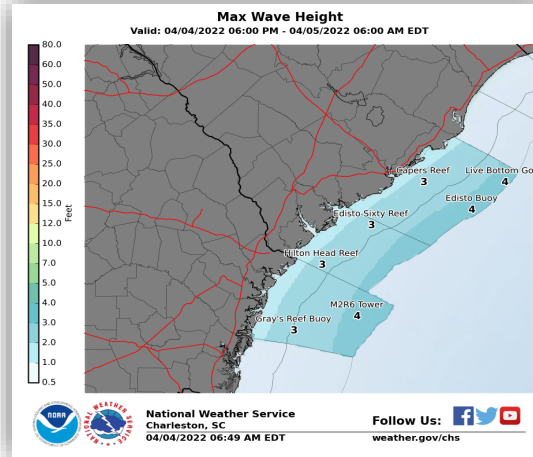
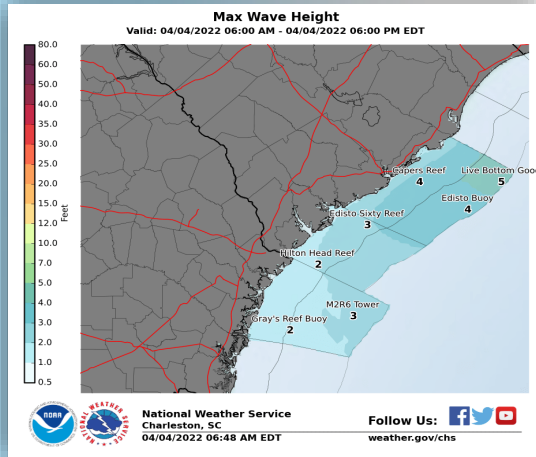
# Max Wind Gust



- ✓ Breezy winds expected Tuesday (20-25 mph), including coastal waters.
- ✓ Small Craft Advisories possible Tuesday into Thursday.

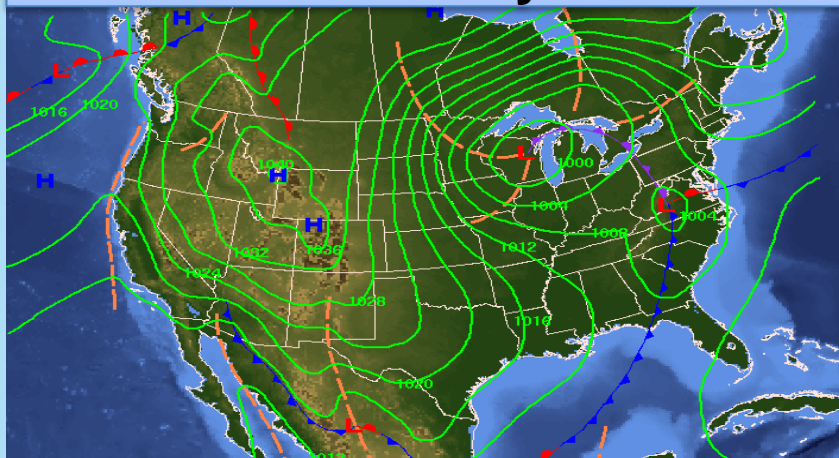


# Max Wave Height

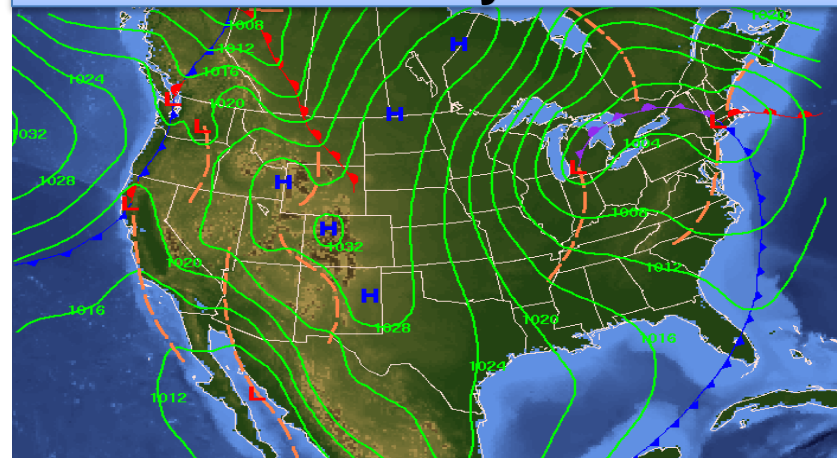


✓ Small Craft Advisories possible Tuesday through early Thursday due to 6 ft seas across a portion of coastal waters.

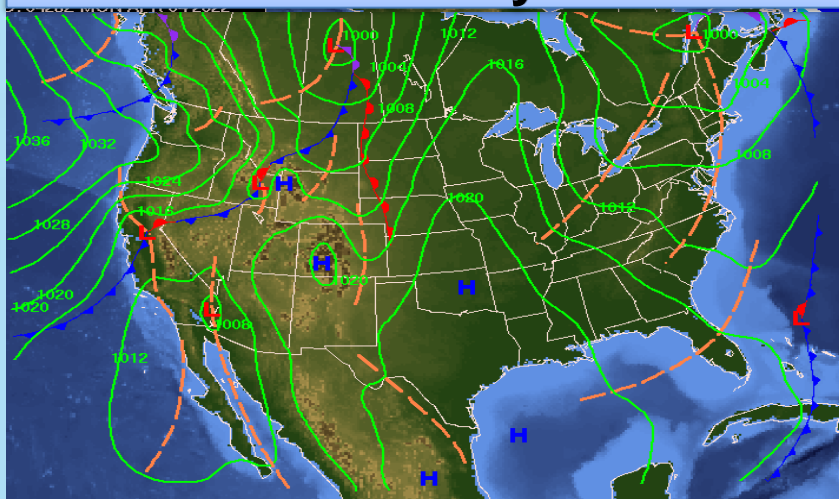
## Thursday



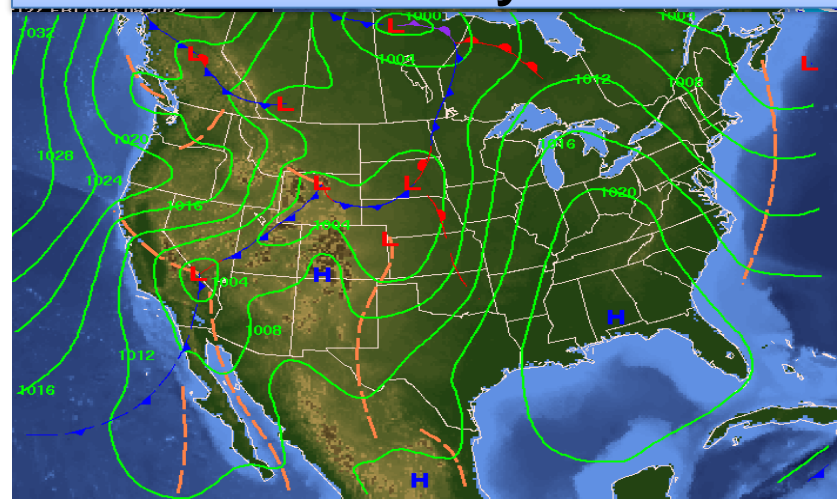
## Friday



## Saturday



## Sunday



- ✓ Once cold front pushes through early Thursday, weather conditions are cooler, but quiet through early next week.

## Summary / Expected Impacts

- **Severe Thunderstorms**
  - Tuesday: Damaging winds, a few tornadoes, and minor flooding possible during afternoon and evening hours.
  - Wednesday: Damaging winds possible during evening and overnight hours.
- **River Flooding**
  - Burton's Ferry and Clyo along the Savannah River remain in minor flood, could be slow to recede due to expected rain during the week.
- **Quiet Weather Thursday through Monday**



## Marine Highlights

- Small Craft Advisories possible across a portion of Georgia and South Carolina waters Tuesday into Thursday.

## Aviation Highlights

- Periods of flight restrictions expected Tuesday through Wednesday night, especially during showers and thunderstorms. Breezy winds also likely Tuesday (20-25 mph) at all terminals.

## Fire Weather Highlights

- Near critical RH values today, but conditions will improve through the week, especially as showers and thunderstorms produce widespread rain across the Southeast United States Tuesday and Wednesday.

# Contact and Next Briefing Information



## Next Routine Briefing

**When: Friday, April 8, 2022**

**@ 11 AM**

**Method: Webinar**

Briefing Webpage:

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