High-Impact Weather Briefing
Feb 21-25 Heavy Rain & Flooding Potential
National Weather Service
Nashville, TN
Sunday, February 20, 2022

Presented by Josh Barnwell
***Important Note***

***We will be having an audio briefing at its usual time at 11 am Monday morning Feb 21 (despite the federal holiday) to update on flooding potential this week***
What to Expect

- 2 rounds of heavy rain will impact the mid state this week, with the potential for flooding across the area

- 3 to 5 inches of rain is expected, with locally higher amounts possible, and highest amounts currently in the northern half
  - Exact locations of higher amounts may change, but **ALL of Middle TN** should be prepared for heavy rain and flooding potential

- Strong to potentially severe thunderstorms will be possible Monday night through Tuesday
This is the total amount of rain expected Mon - Fri

Confidence in these amounts and locations: medium

***ALL of Middle TN needs to be prepared for higher end amounts on this image. Very high moisture, along with some strong thunderstorms, will make heavy rain and flooding possible area wide***
This is the amount of rain expected for the first round Monday night through Wednesday morning.

Confidence in these amounts: medium

Best time for heavy rain: Tuesday afternoon through the overnight hours.
This is the total amount of rain expected Wed PM - Fri AM (Short break in rain possible during the day Wed)

Confidence in these amounts: medium

Best time for heavy rain: Wed Overnight-Thu Late Morning, and again Thu Evening – Fri AM
Severe Outlook for Monday & Tuesday

Hazard Levels
Mon & Tue:

- **Tornado**
  - 0: No risk
  - 1: Low risk
  - 2: Marginal risk
  - 3: Enhanced risk
  - 4: Significant risk
  - 5: High risk
  - Isolated tornado possible, but unlikely

- **Hail**
  - 0: No risk
  - 1: Low risk
  - 2: Marginal risk
  - 3: Enhanced risk
  - 4: Significant risk
  - 5: High risk
  - Large hail not expected

- **Wind**
  - 0: No risk
  - 1: Low risk
  - 2: Marginal risk
  - 3: Enhanced risk
  - 4: Significant risk
  - 5: High risk
  - Damaging winds of 50-60 mph possible

- **Flood**
  - 0: No risk
  - 1: Low risk
  - 2: Marginal risk
  - 3: Enhanced risk
  - 4: Significant risk
  - 5: High risk
  - Heavy rain leading to flooding is the highest threat, more likely Tuesday
Outside of thunderstorms, strong southerly winds of 10-25 mph and gusts up to around 35 mph will be possible Tuesday morning through the afternoon.

Strong winds and heavy rain may be able to bring down a few trees/branches during the day.
Forecaster Comments

- Flooding will be most likely with heavy rain Tuesday afternoon into the morning Wednesday, and again late Wednesday through Friday morning, especially over areas that see stronger storms and locally heavier rainfall.

- Some areas will see less rain than others, but, rises on creeks and rivers will be likely if forecasted rainfall amounts pan out, and swollen rivers will persist into next weekend/early next week.

- Stay tuned for updates throughout the week as more model data comes into range, and rainfall amounts get updated with the latest information.
In Summary

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  - Exact locations of higher amounts may change, but **ALL of Middle TN** should be prepared for heavy rain and flooding potential
- Strong to potentially severe thunderstorms will be possible Monday night through Tuesday
Contact Us

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