



# **Severe Weather Briefing**

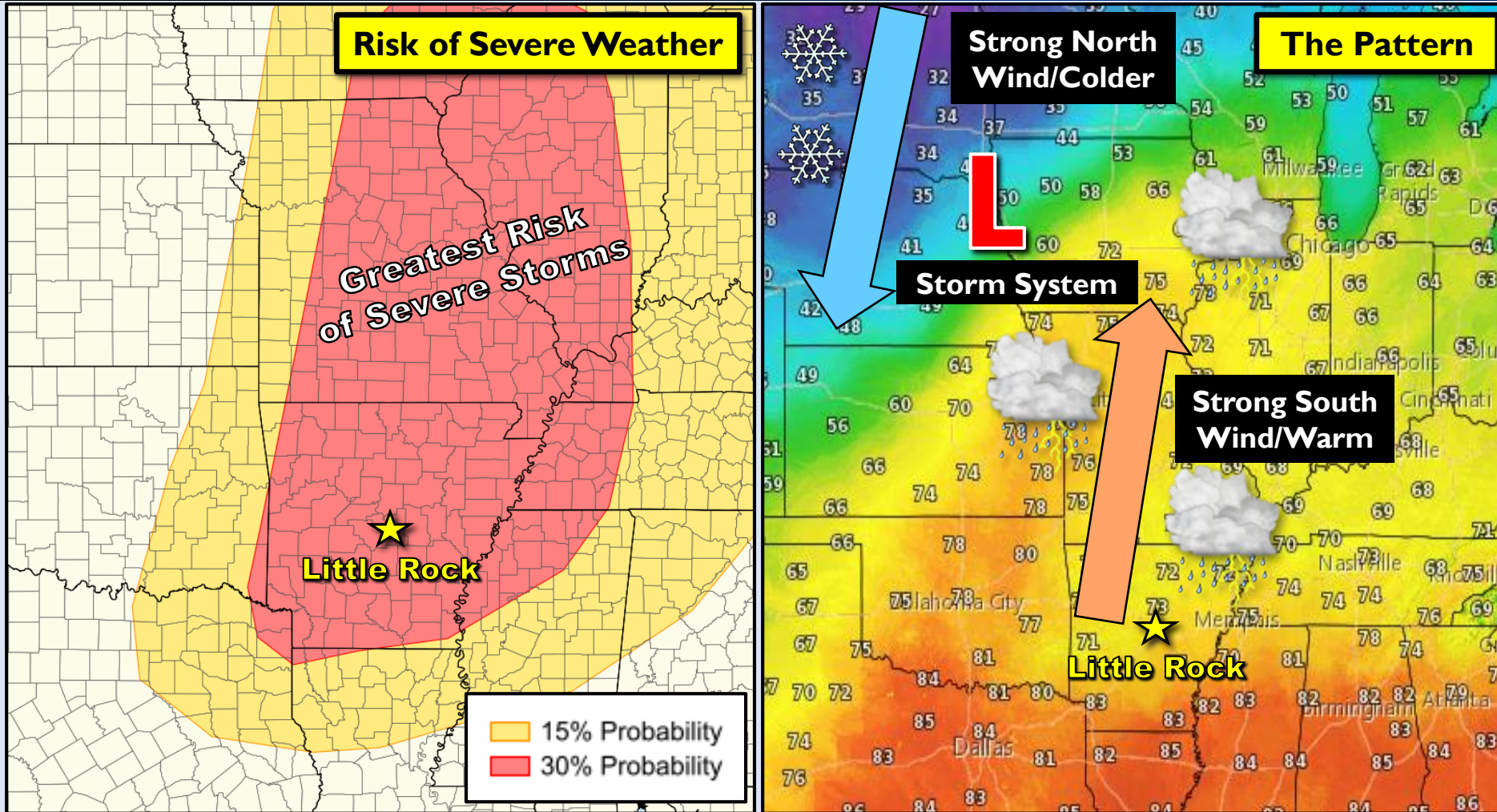
**National Weather Service  
Little Rock, Arkansas**

**March 28, 2023 – 6:00 AM**



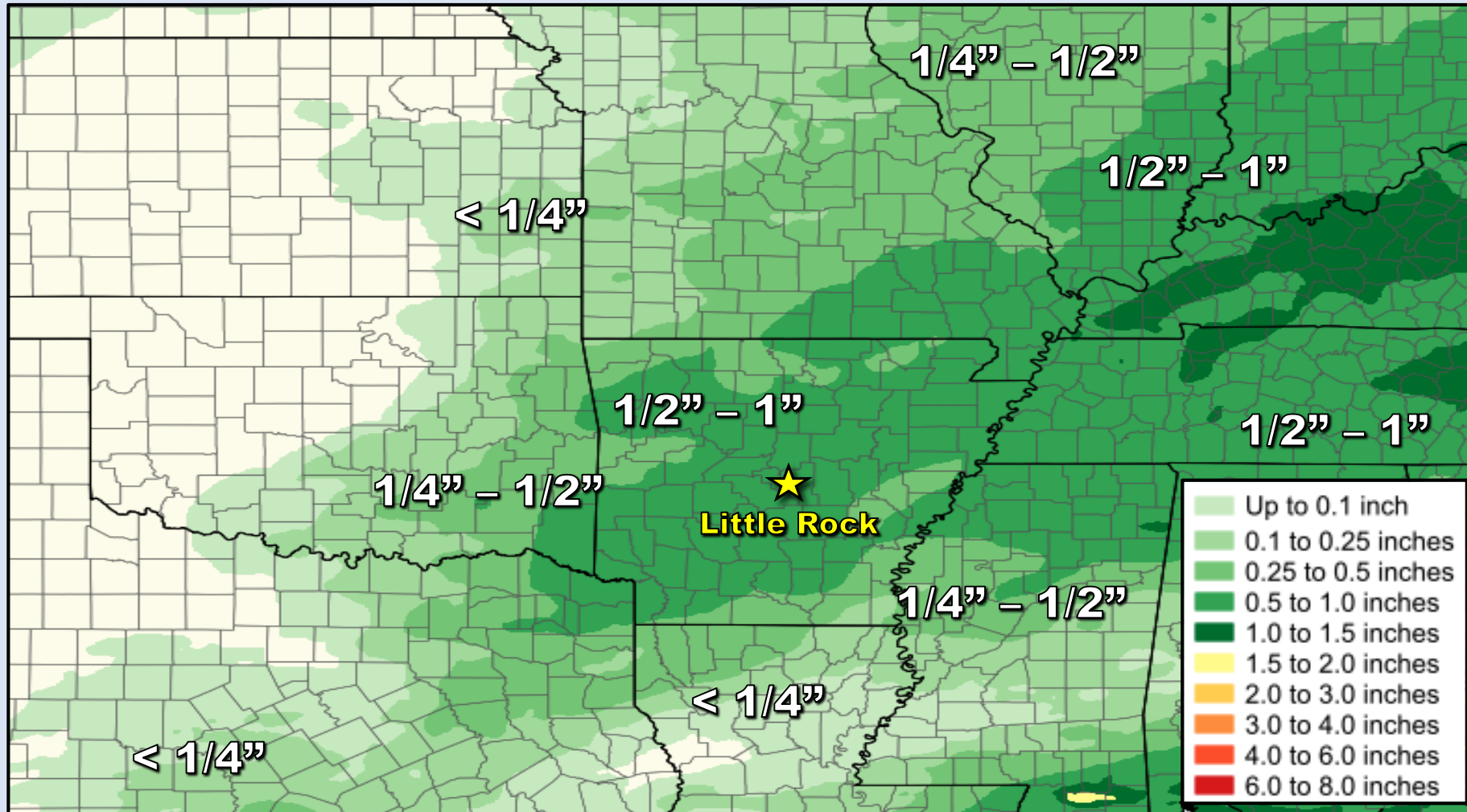
- **While the next few days will be relatively quiet in Arkansas, a strong storm system will be in the central United States on Friday. Ahead of the system, a strong south wind will bring warm temperatures and increasing moisture, and the potential of strong to severe thunderstorms.**
- **There is some question as to how much warmth/moisture (instability) will be in place as thunderstorms develop. Also, the system/associated energy will be well north of the state, and this may limit the amount of severe weather that occurs. The situation will be monitored closely.**
- **Quarter to three quarter inch precipitation totals are in the forecast. This will not be enough to make existing high water issues (i.e. elevated rivers/saturated soil) worse.**

# The Pattern Friday (March 31)



A strong storm system will be in the central United States on Friday. Ahead of the system, strong southerly winds will bring warm temperatures/increasing moisture, and the potential of strong to severe thunderstorms. Colder air behind the system will yield snow in the northern Plains.

# Expected Rain (Through March 31)



Rain chances will markedly increase Thursday night and Friday. The forecast calls for quarter to three quarter inch rainfall amounts across Arkansas. Localized flash flooding is possible where the heaviest downpours are realized.



## Severe Thunderstorm Risk Categories

Thunderstorms (no label)

**No severe storms expected**

Lightning/flooding threats exist with all storms



Enhanced (ENH)

**Numerous severe storms possible**

More persistent and/or widespread, a few intense

Marginal (MRGL)

**Isolated severe storms possible**

Limited in duration and/or coverage and/or intensity



Moderate (MDT)

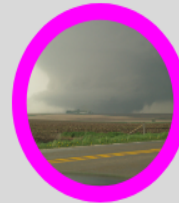
**Widespread severe storms likely**

Long-lived, widespread and intense

Slight (SLGT)

**Scattered severe storms possible**

Short-lived and/or not widespread, isolated intense storms



High (HIGH)

**Widespread severe storms expected**

Long-lived, very widespread and particularly intense



NWS defines a severe thunderstorm as measured wind gusts of at least 58 mph, and/or hail of at least one inch in diameter, and/or a tornado. All thunderstorm categories imply lightning and the potential for flooding. Categories are also tied to the probability of a severe weather event within 25 miles of your location.



# For the latest information



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