



# **Severe Weather Briefing**

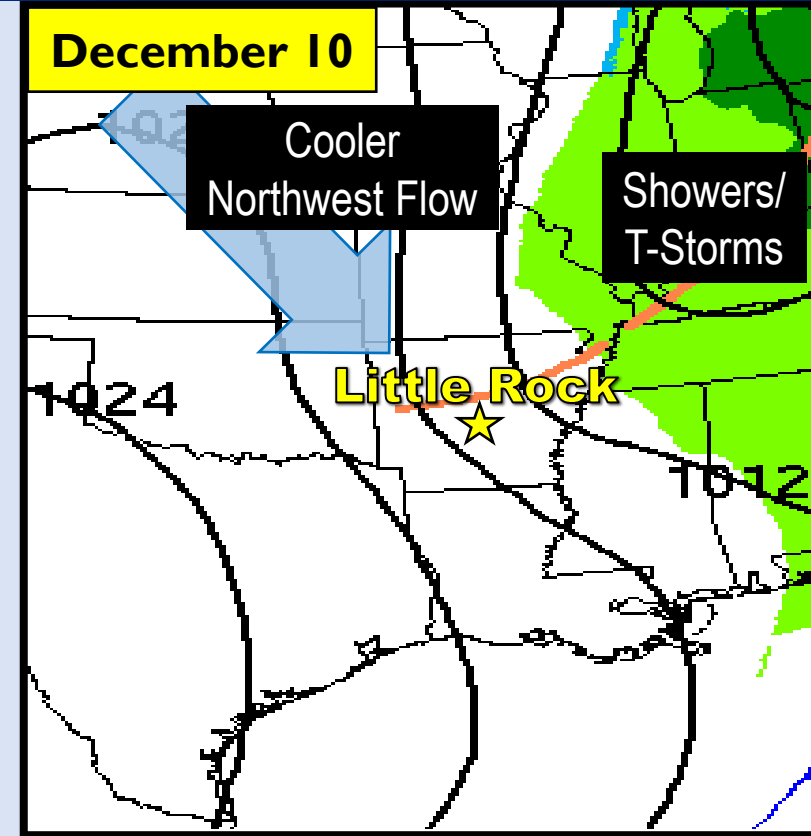
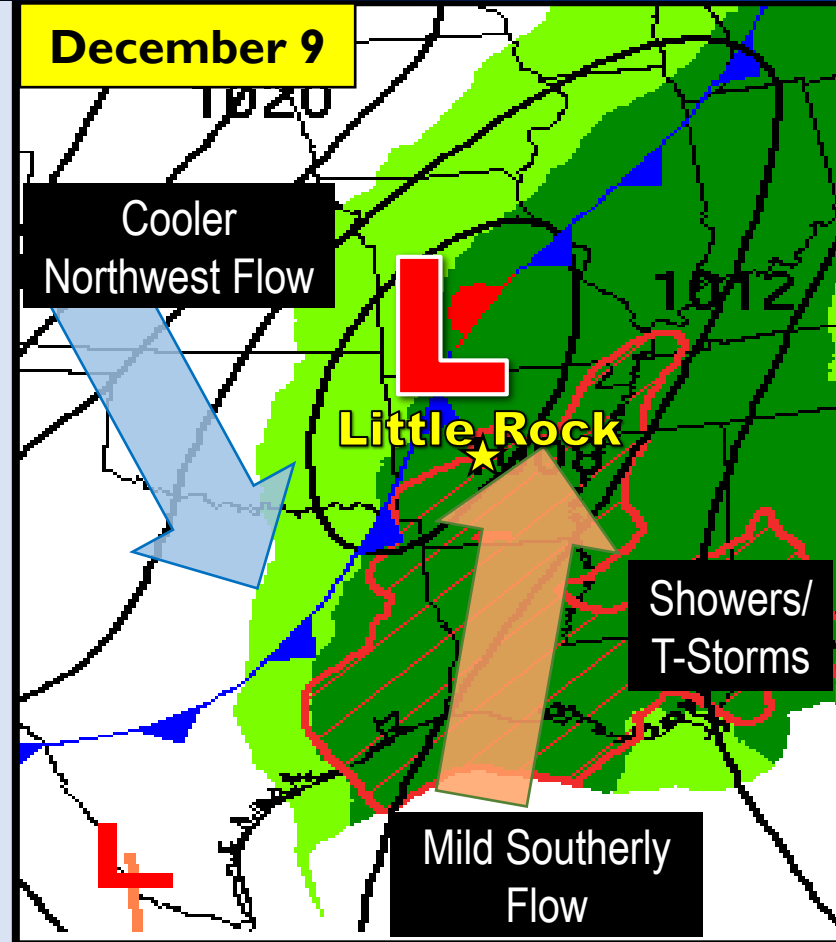
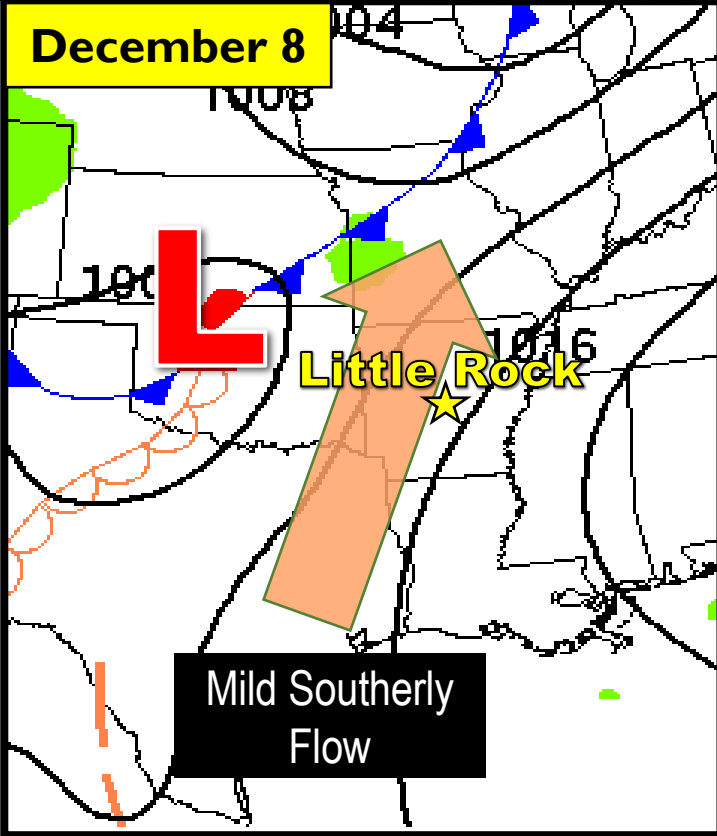
**National Weather Service  
Little Rock, Arkansas**

**December 5, 2023  
5:15 AM CST**



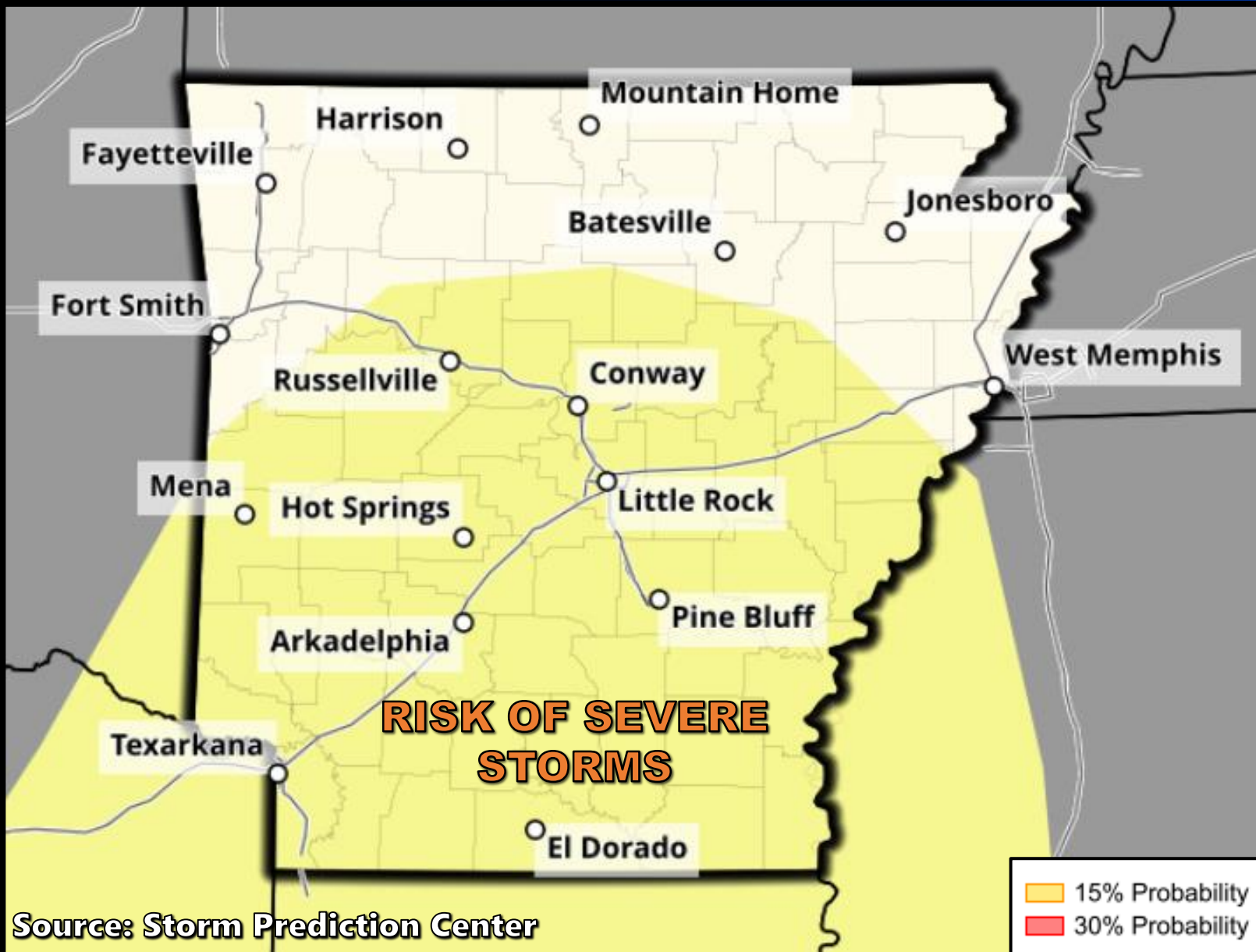
- **First, not many changes this morning have been made to the placement, but the models are trending a little bit faster with the arrival of this potential severe weather event on Friday night into Saturday.**
- **A strong cold front will surge through Arkansas from the Plains on Friday night into Saturday. The front will trigger showers and thunderstorms.**
- **There is a risk of severe thunderstorms on Saturday as the front plows into an unseasonably mild (springlike) and unstable environment across the state. Data currently indicates all modes of severe weather (including tornadoes, damaging winds, and hail) will be possible.**
- **Cooler and more seasonal air will follow the front Saturday night and Sunday. Residual moisture may yield a few snowflakes in the Ozark, Boston, and Ouachita Mountains before precipitation ends early Sunday. No impactful winter weather is expected.**

# The Pattern (December 8-10, 2023)



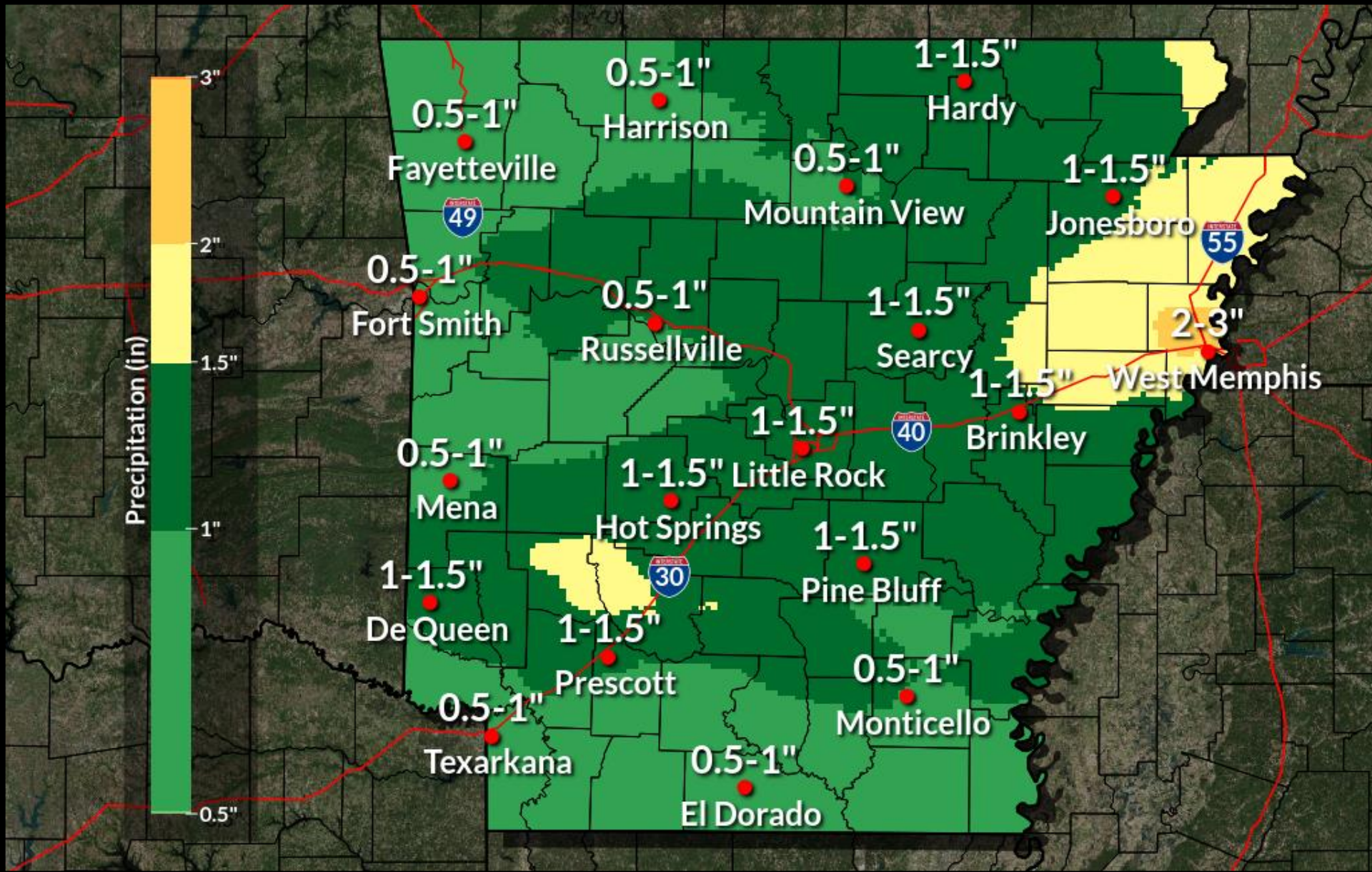
An active weather pattern appears in Arkansas as a storm system (“L”) tracking from the southern Plains into the Ohio Valley, dragging a cold front through the state. Mild air and t-storms (some possibly severe) are expected ahead of the front on Saturday. Cooler/more seasonal air will follow the front, and there may be snowflakes in the higher elevations of the Ozark, Boston, Ouachita Mountains before precipitation ends Sunday.

# Risk of Severe Storms (December 9, 2023)



There is a risk of severe thunderstorms on Saturday as a strong cold front plows into a unseasonably mild (springlike) and unstable environment across Arkansas. Data currently indicates all modes of severe weather (including tornadoes, damaging winds, and hail) will be possible.

# Rainfall Totals (December 8-10, 2023)



Total rainfall associated with this storm system will be plentiful across most of the state. Widespread rainfall totals of above 1 inch can be expected with a few isolated areas 2+ inches (yellow) will be possible.



## 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)

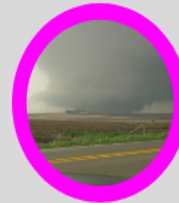
**Widespread severe storms likely**

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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