



Hazardous Weather Briefing

**National Weather Service
Little Rock, Arkansas**

**March 8, 2024
5:00 AM CST**



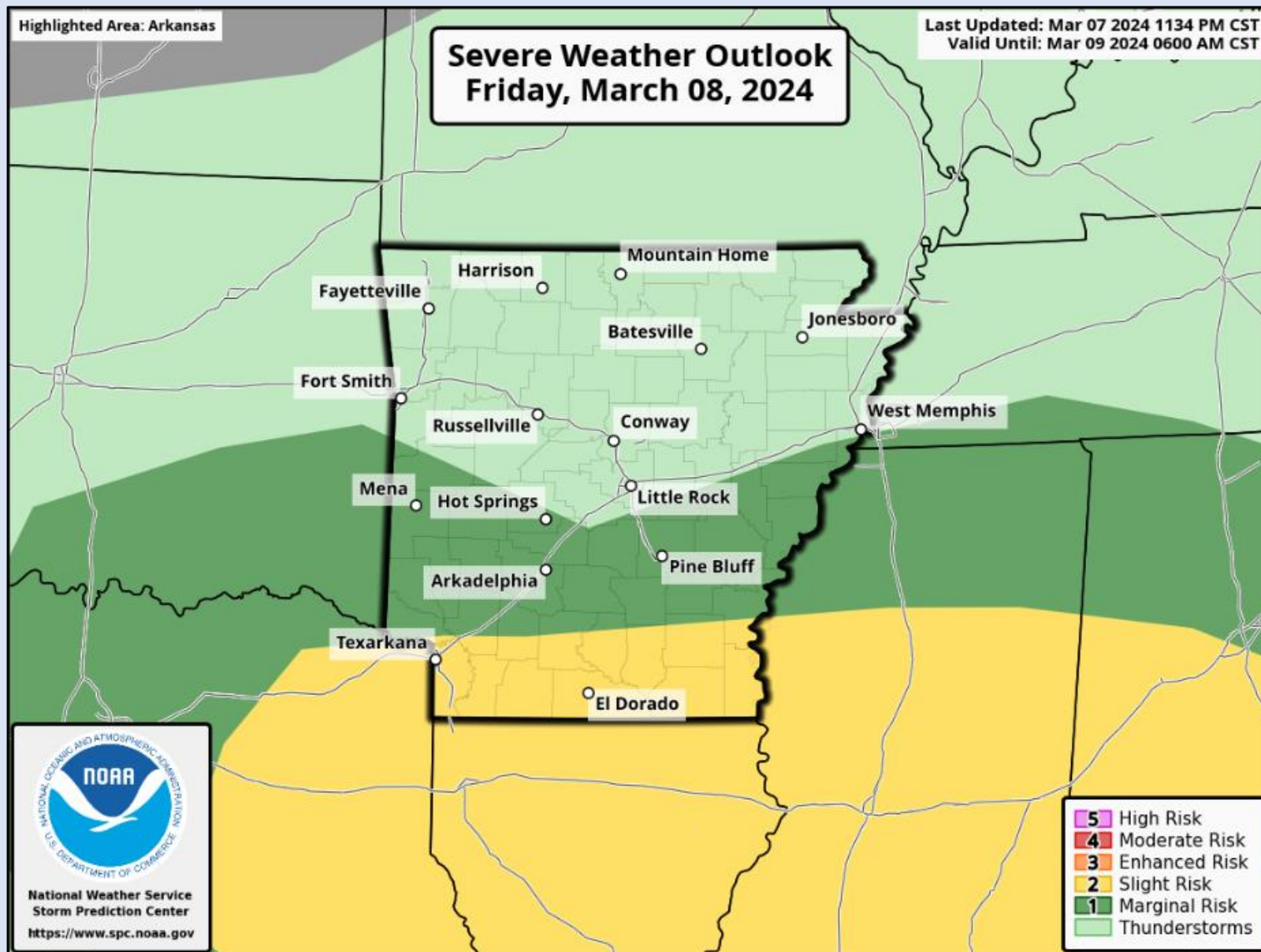
Changes from previous briefing:

- Most unstable environment has shifted southward, reducing areal extent of the slight risk area across portions of Arkansas.
- The potential footprint for sub-freezing temperatures has been slightly reduced on Sunday morning.

- A storm system arriving from the southern Plains will bring additional showers and thunderstorms to Arkansas today and tonight.
- Isolated to scattered severe storms could occur across the southern half to one-third of Arkansas today and tonight. The main concern will be large hail and damaging winds, however a tornado can not be ruled out. The environment will be most unstable (warm/moist) toward the Gulf Coast, and that is where damaging winds/a few tornadoes are most favorable.
- The forecast calls for an additional one-quarter of an inch to over one inch of rain across the state today and tonight. Locally heavier amounts are possible in the south and southeast portions of the state. Any flash flooding should be localized.
- Sub-freezing temperatures possible Sunday morning over portions of Arkansas.

Severe Weather Outlook (March 8, 2024)

Weather Forecast Office
Little Rock, AR



Isolated to scattered severe storms are possible across a large part of Arkansas today and tonight.

The greatest concern will be over roughly the southern half to one-third of Arkansas.

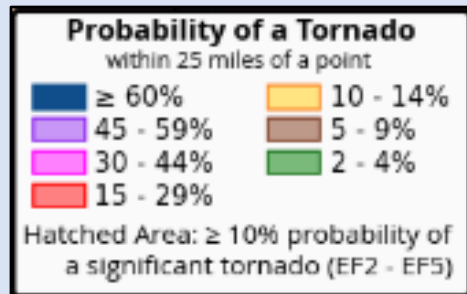
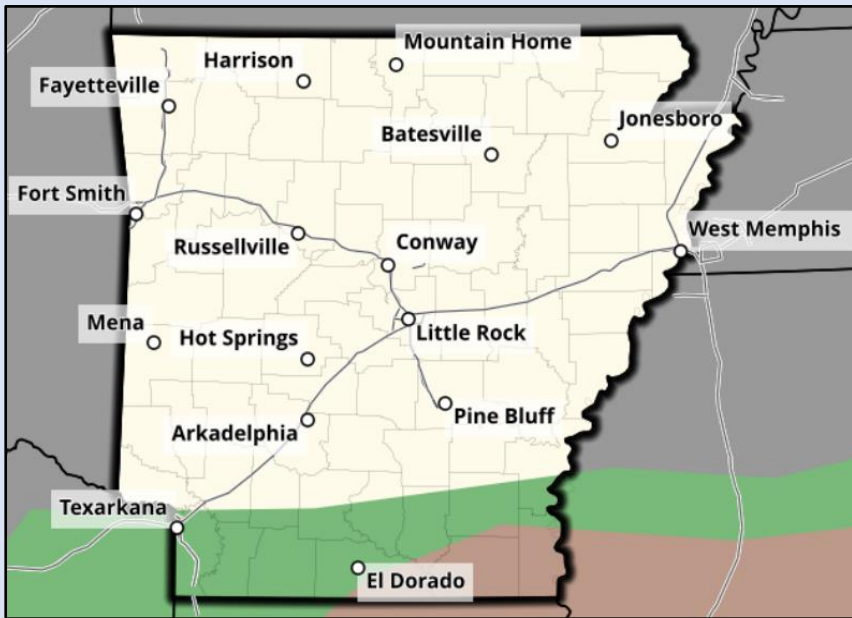
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Categorical Severe Weather Hazards (March 8, 2024)

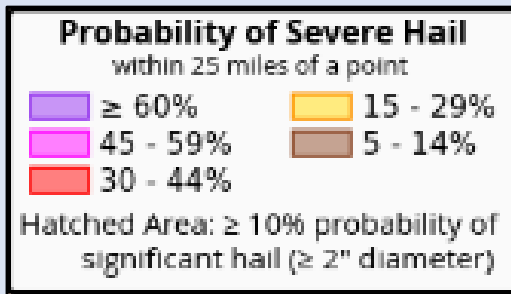
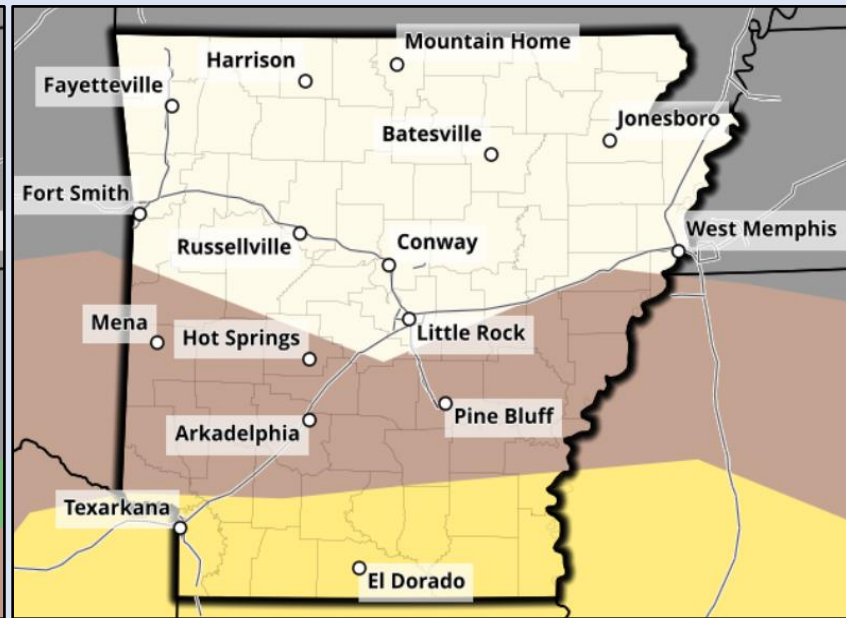
Weather Forecast Office
Little Rock, AR
Issued Mar 8, 2024 5:00 AM CST



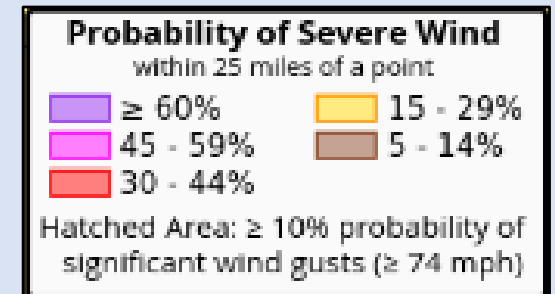
Tornado Outlook Friday, March 8, 2024



Severe Hail Outlook Friday, March 8, 2024

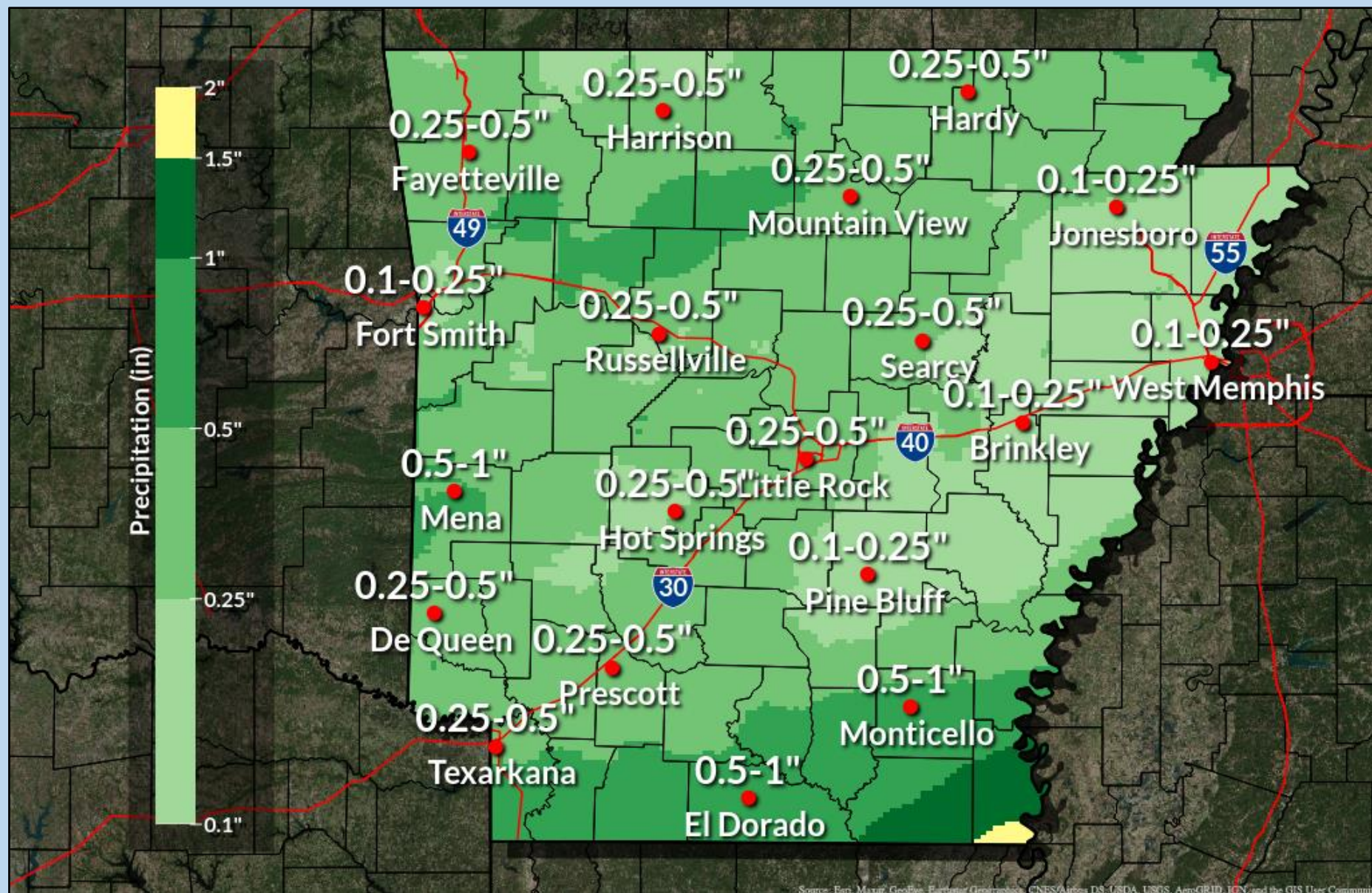


Severe Wind Outlook Friday, March 8, 2024



Additional Potential Rainfall (March 8, 2024)

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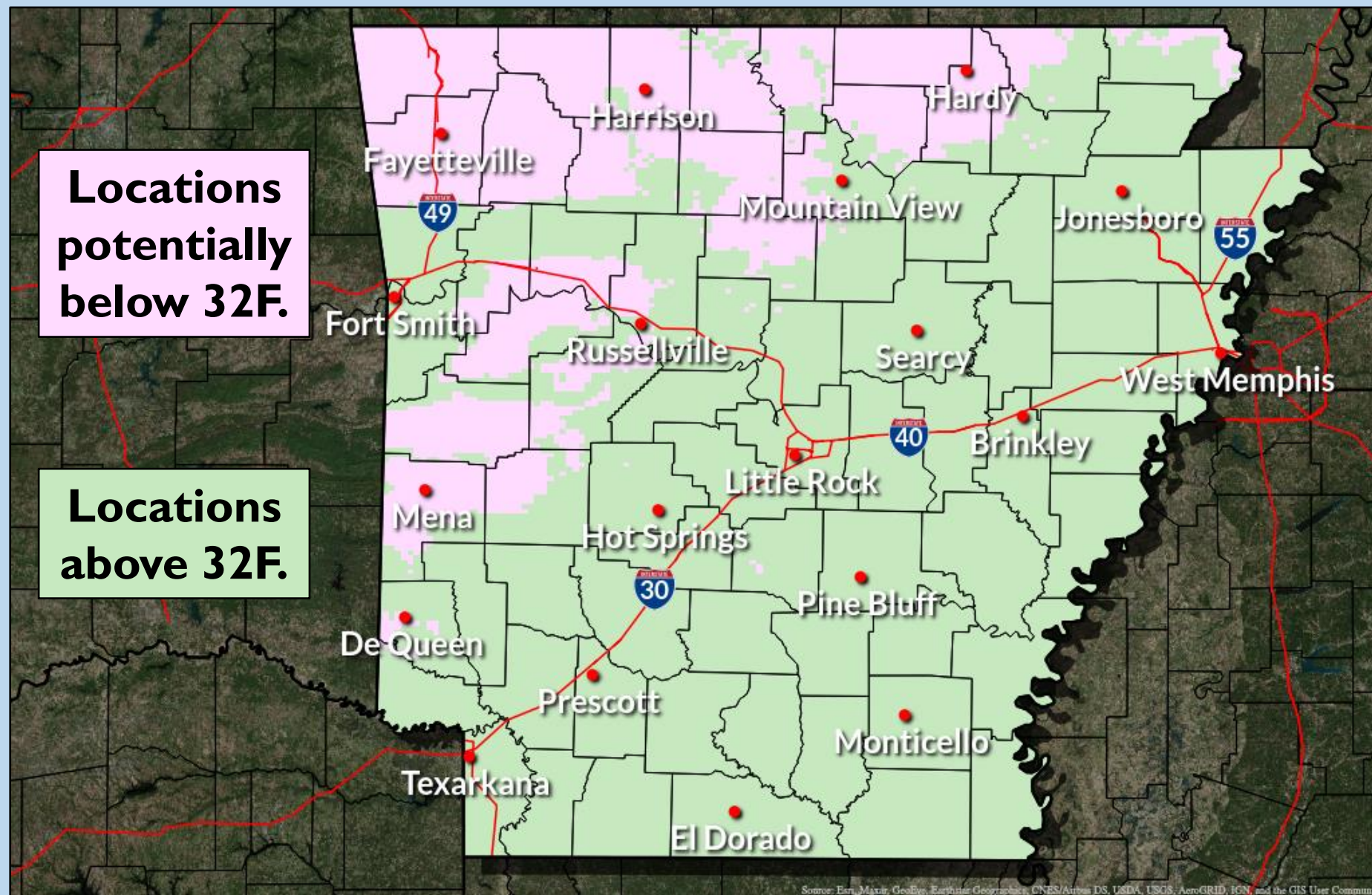


Scattered to numerous showers and thunderstorms are expected today and tonight. The forecast calls for an additional one-quarter of an inch to over one inch of rain across Arkansas, with locally heavier amounts possible.

Any flash flooding should be localized.

Freezing Temperatures Possible Sunday (March 10, 2024)

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Temperatures below freezing (29F to 32F) are possible Sunday morning for locations highlighted in pink.

Areas highlighted in green represent locations expected to be above 32F.

Frost will be possible for locations between 33F and 36F.

This map configuration will likely change between now and Saturday night.

Probability of Frost/Freeze/Hard Freeze Thresholds

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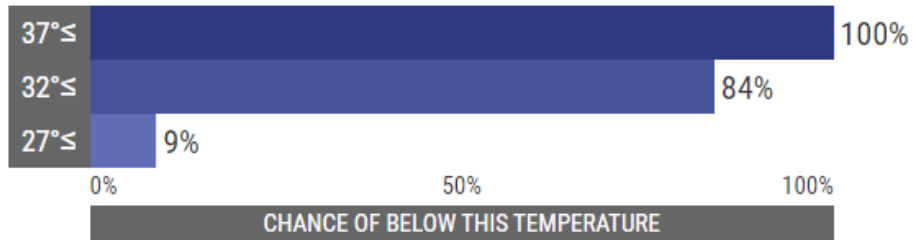
Valid for Sunday Morning – March 10th



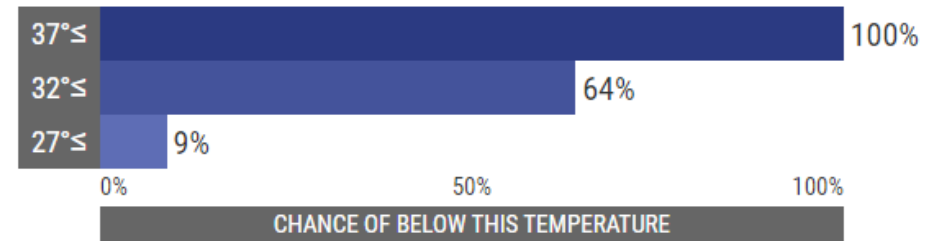
Temperature Probabilities

Sunday, March 10, 2024

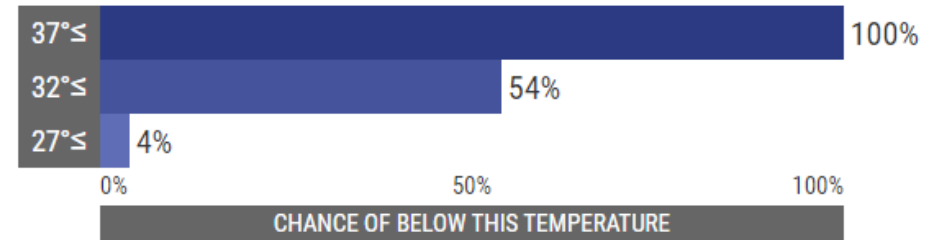
These graphs show the probability that the low temperature will reach or drop below the given value for select locations. Values above 50% indicate that these temperatures have a greater than 50/50 chance of occurring.



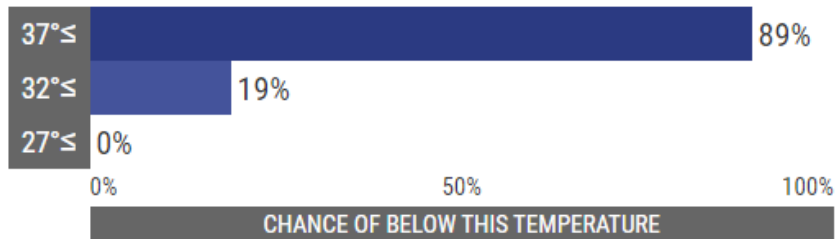
HARRISON, ARKANSAS



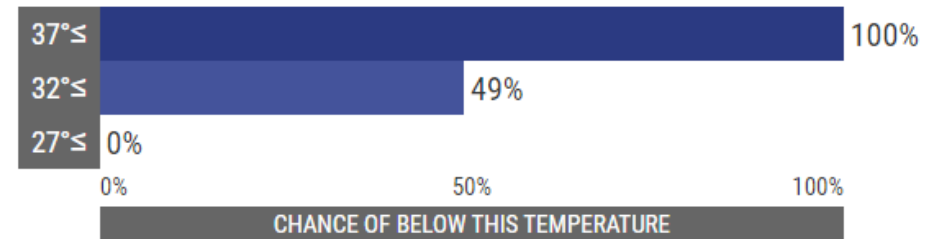
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CLINTON, ARKANSAS



RUSSELLVILLE, ARKANSAS



MOUNTAIN HOME, ARKANSAS



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