

Excessive Rainfall Briefing

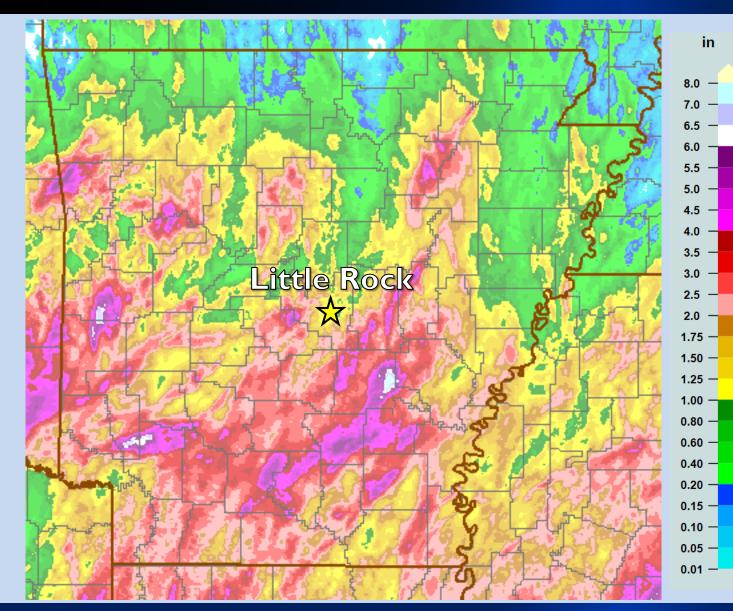
National Weather Service Little Rock, Arkansas

June 8, 2021 5:00 AM

Situation Overview – Estimated Rainfall (Past 72 Hours)

Weather Forecast Office Little Rock, AR





Over the last 72 hours heavy rain has fallen over a large portion of the state with many areas seeing in excess of four to six inches.

These antecedent conditions have led to saturated soils where the ground simply can not absorb any more rain. Runoff is likely to occur quickly should heavy rainfall persist.

Additional forecast heavy rainfall through Wednesday morning will contribute to an elevated flash flooding risk over much of the state.

In addition to the flash flooding concerns, many local streams and rivers are running high with several rivers already in flood.

Flash Flood Watches

Flash flood watches remain in effect for much of Arkansas through Wednesday AM

Rainfall Rates

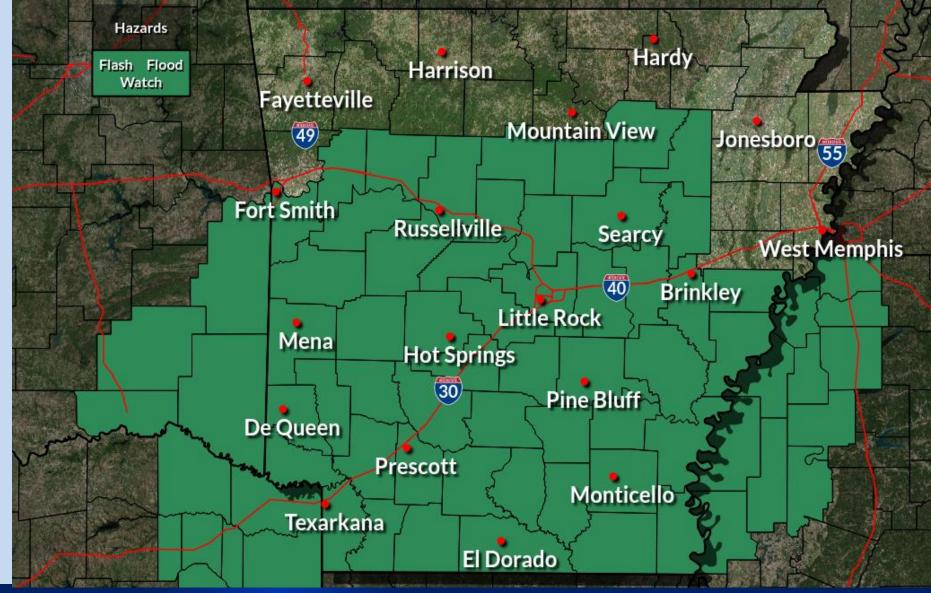
Winds aloft remain weak resulting in slow moving thunderstorms capable of producing 2-3" per hour rainfall rates.

Rainfall Amount

An additional 4 -6" of rain is possible in parts of the flash flood watch area through Wednesday morning, with some locally greater amounts.

Impacts

The areas most susceptible to heavy rain will be over central and southern Arkansas. Several days of heavy rain has left the ground saturated in many areas.



6/8/2021 4:39 AM

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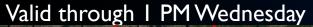
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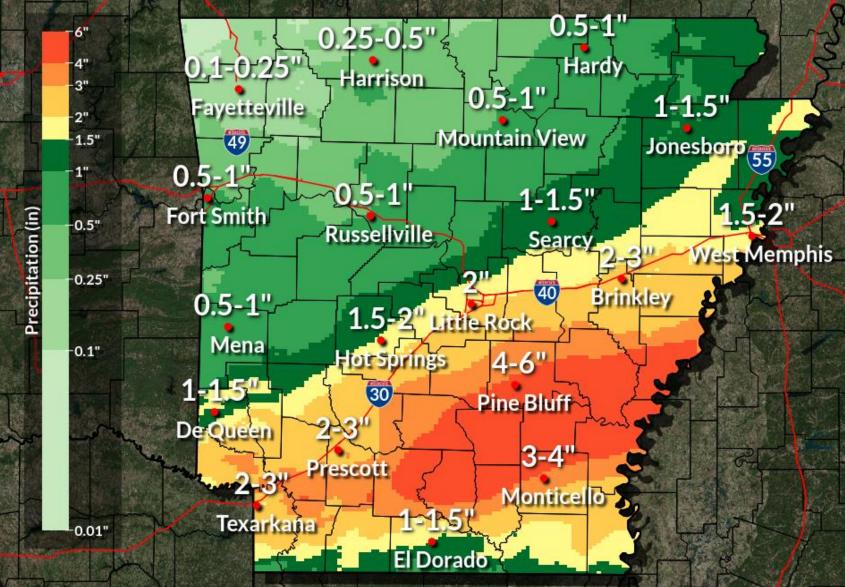
Little Rock, AR

Forecast Rainfall –

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A swath of heavy rain is expected across central and southern Arkansas through Wednesday morning.

Most areas will see 2 to 3 inches of rain but parts of southeast Arkansas could see anywhere between four to six inches.

Locally higher amounts of rain can not be ruled out as thunderstorms will likely move over the same areas several times during the course of the event.

These amounts will be on top of what has already fallen over the past few days.

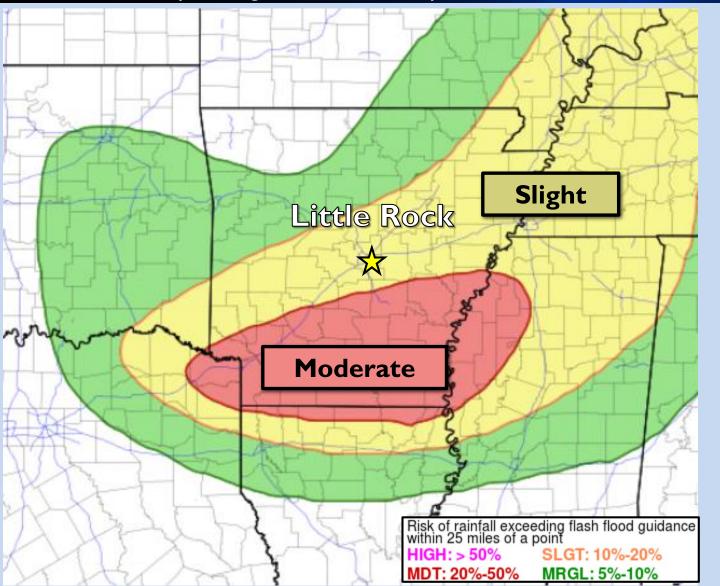
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Excessive Rainfall Outlook – Tuesday (6/8)

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Valid 7 am Tuesday through 7 am Wednesday



A <u>slight</u> risk of excessive rainfall is over much of the state, meaning <u>there will be a 10% to 20%</u> probability of rainfall exceeding flash flood guidance.

There is a <u>moderate</u> risk of excessive rainfall over a large portion of central and southern Arkansas meaning <u>there is a 20% to 50%</u> <u>probability of rainfall exceeding flash flood</u> <u>guidance.</u>

Following heavy rainfall from Monday, soil saturation around the state will likely be elevated and it may not take much more heavy rainfall to cause additional flash flooding.

Severe Potential – Tuesday (6/8)

Valid 7 am Tuesday through 7 am Wednesday

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In addition to the flooding potential, there is a marginal chance of seeing severe weather over roughly the southeastern half of the state.

The biggest concern with severe weather will be during the afternoon through early evening hours.

The primary hazard from any storm that develops will be gusty winds.



For the latest information

