

# National Weather Service

April 4, 2025  
10:30 AM

Disclaimer: The information contained in this briefing is time sensitive which should be taken into consideration while viewing.

## Special Severe Weather Briefing

NWS Shreveport, LA  
For Friday, April 4th, 2025

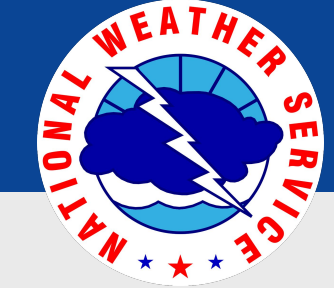


*Chris Nuttall - Warning Coordination Meteorologist*



National Oceanic and  
Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Shreveport, LA



# Bottom Line Up Front...

April 4, 2025  
10:30 AM

## Key Messages

- Multiple rounds of severe weather and heavy rain will impact the Four State Region now through early Sunday morning
- All severe weather hazards are likely through early Sunday morning:
  - Tornadoes: EF2+ tornadoes (111+ mph winds) cannot be ruled out
  - Very large Hail: Golf Ball size or larger
  - Damaging Winds: 60 mph or greater, potential for 74 mph winds or greater
- Heavy rainfall will produce additional rises on area waterways, especially along and north of I-30; **Moderate** to **Major** river flooding expected in SE OK and SW AR.







# Upcoming Weather Risks

April 4, 2025  
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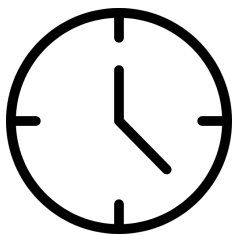
	Friday, Apr 4	Saturday, Apr 5	Sunday, Apr 6	Monday, Apr 7	Tuesday, Apr 8
<b>Severe Weather</b> Wind / Hail / Tornadoes	Greatest risk in SE OK, SW AR, NE TX, portions of extreme NW LA	Greatest risk across all of N LA, much of S AR, and portions of E and Deep E TX			
<b>Heavy Rain / Flash Flooding</b>	Greatest risk across SE OK and SW AR	Greatest risk across portions of SW AR			
<b>Lake/River Flooding</b>		Particular concern with river basins along and north of I-30 Flooding likely to persist into mid-April			
<b>Lightning</b>		Greatest risk for →o-ground lightning nearly areawide			
<b>Risk Levels</b>	Little to None	Minor	Elevated	Major	Extreme





# Severe Thunderstorm Watch In Effect

April 4, 2025  
10:30 AM



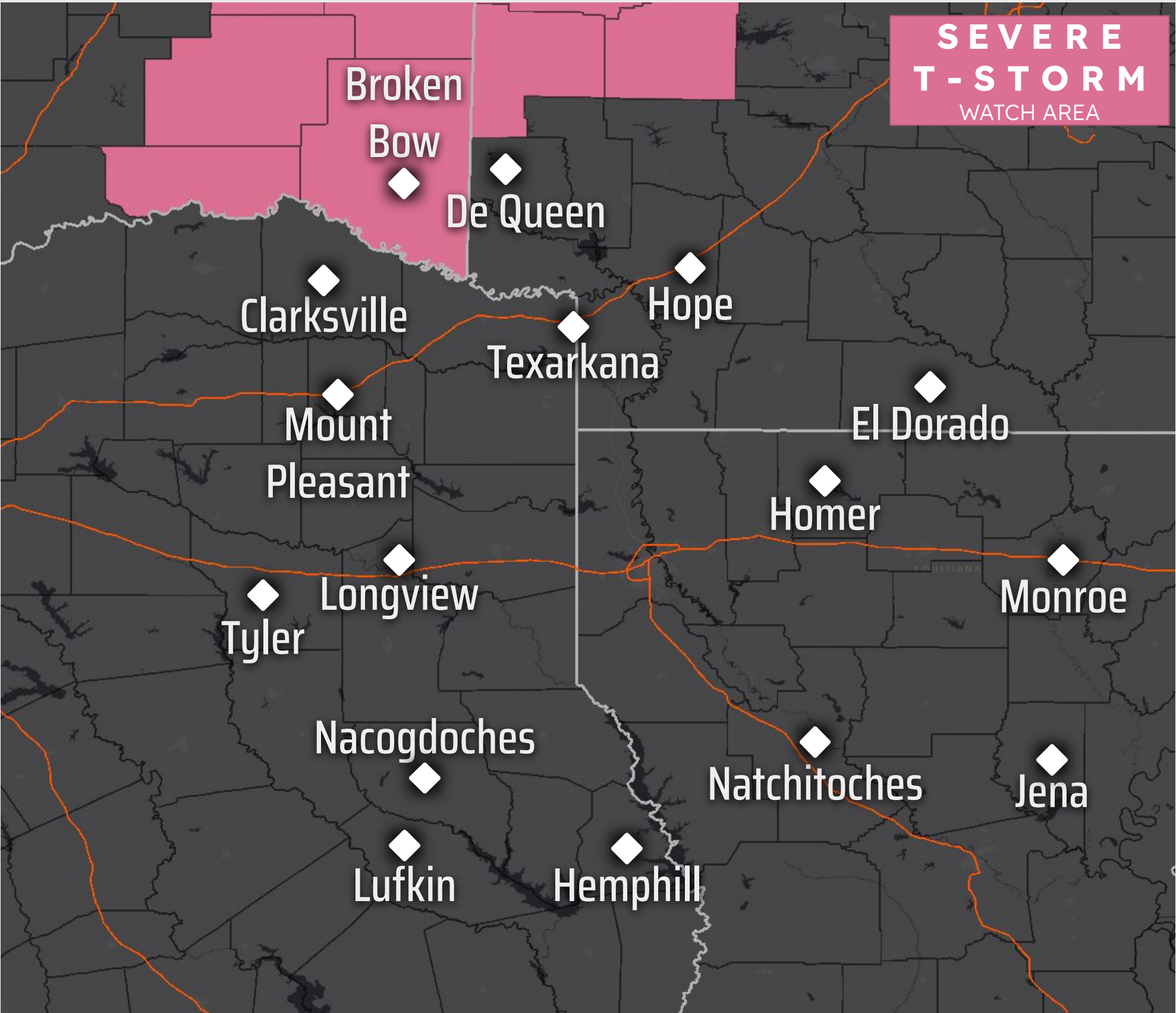
Through 11 AM CDT This Morning



McCurtain County in Southeast Oklahoma



- Large hail of quarter sized or larger and isolated very large hail of 2 inches in diameter or greater.
- Isolated damaging wind gusts to 70 mph.

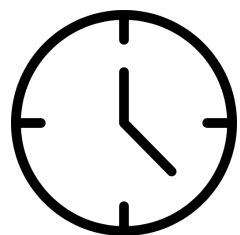






# Flood Watch In Effect

April 4, 2025  
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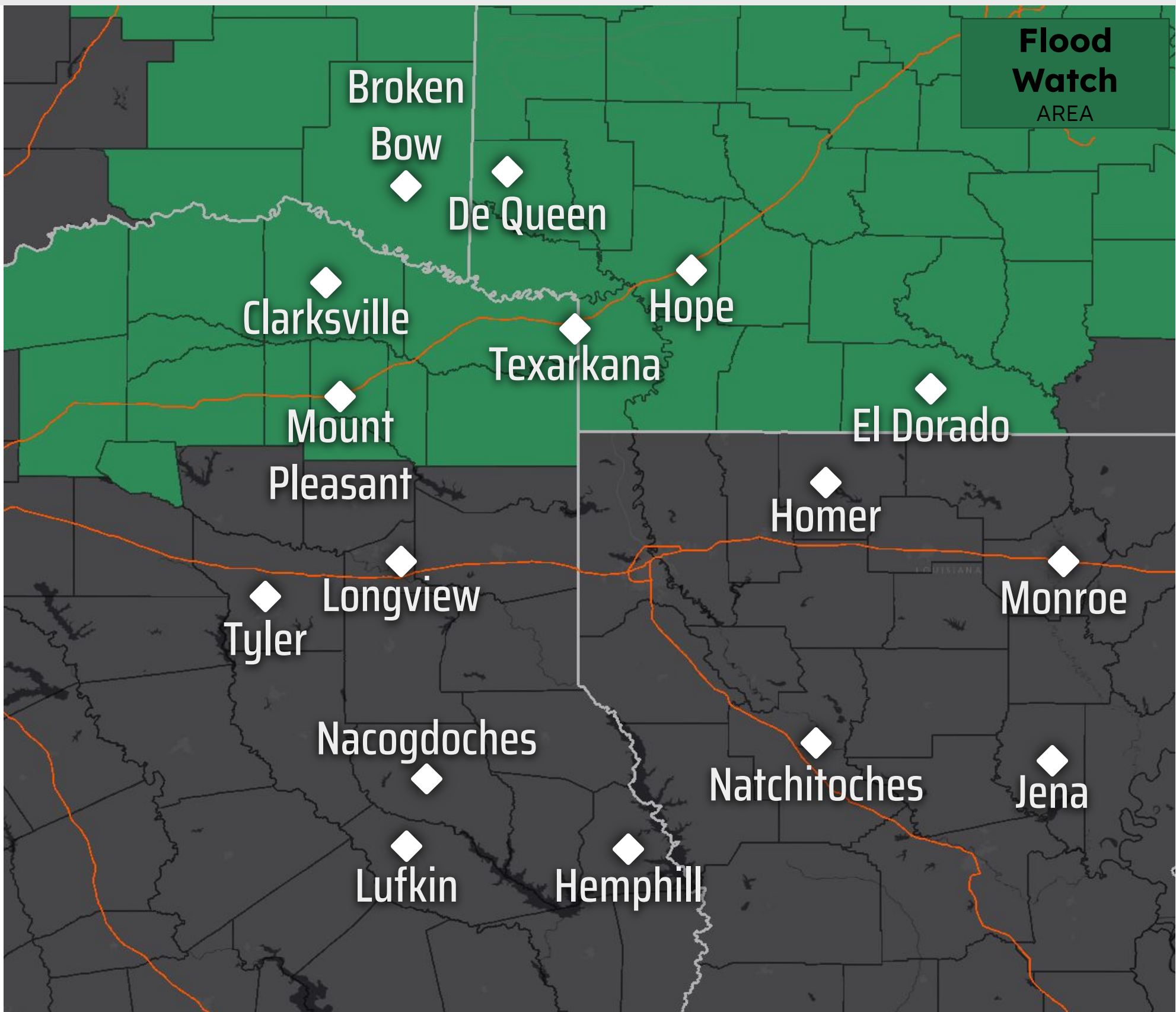


Through Sunday Morning



Southeast Oklahoma, Southwest Arkansas, and portions of Northeast Texas

- Heavy rain may lead to flash flooding of low-lying areas, rivers/creeks, and roads
- **Locations not under the watch may still experience significant river/lake flooding over the next 7 days.**
- **Moderate** to **Major** river flooding is already forecast in SE OK and SW AR.







# Severe Weather Risk: Today / Tonight

April 4, 2025  
10:30 AM

Through 7 AM CDT Saturday

## Timing



- Primary severe weather threat will be from early afternoon through late this evening, likely ending by midnight.
- Another round of severe storms likely to develop across SE OK & E TX in the 5 AM - 7 AM timeframe.

## Severe Threats



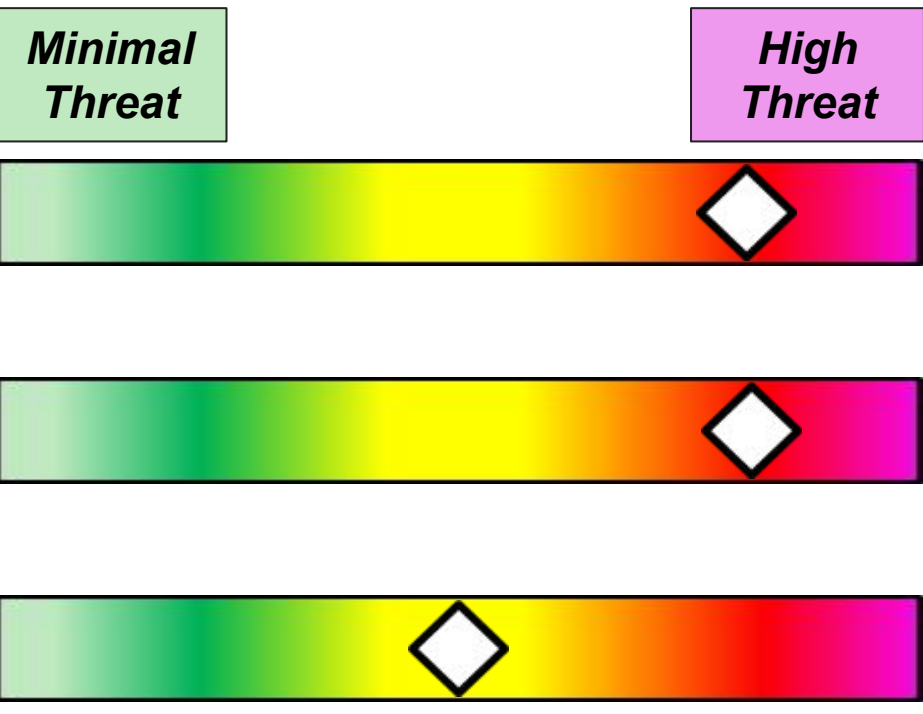
Tornadoes



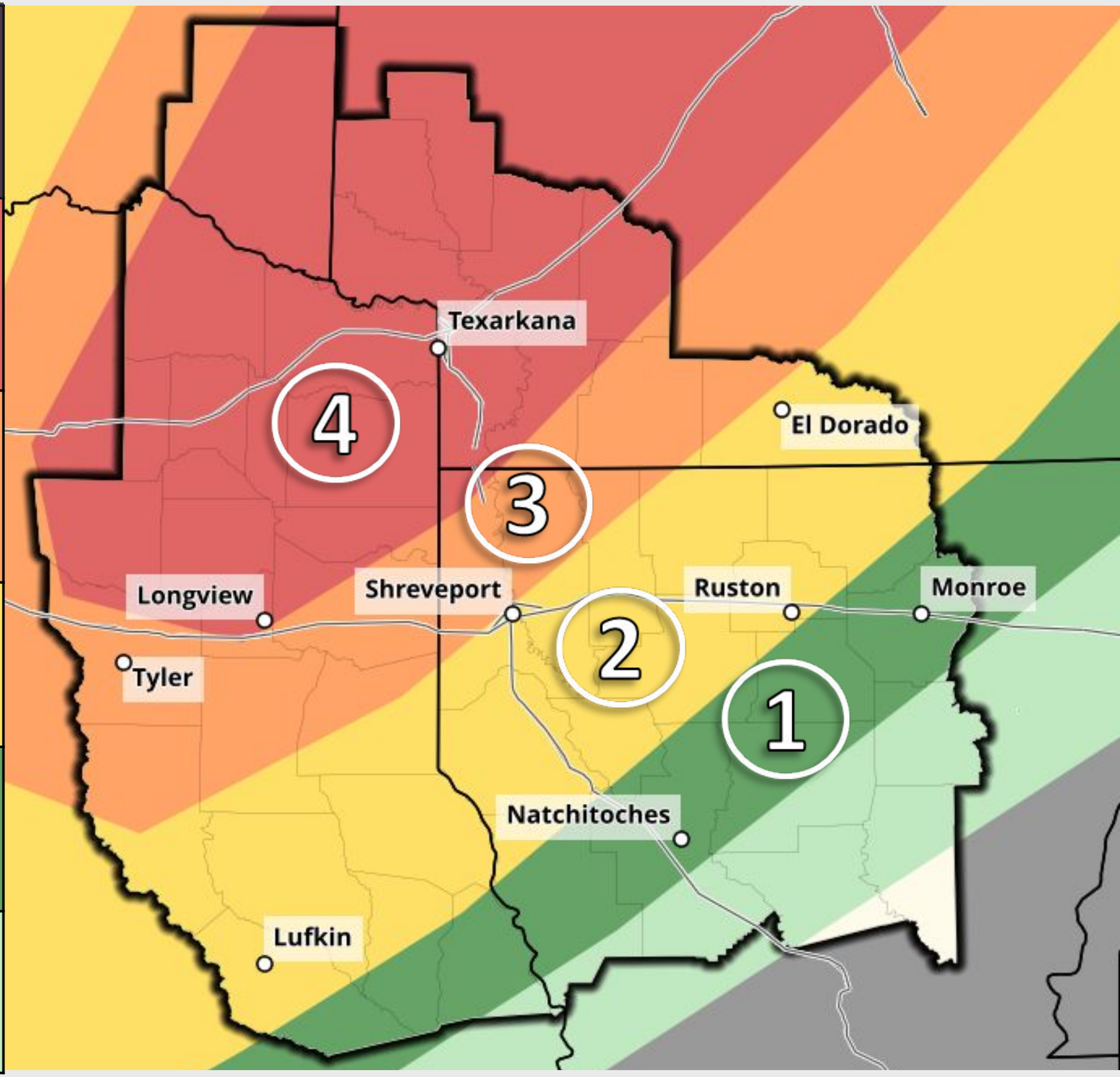
Large Hail



Damaging Wind



5 – HIGH (HIGH)	Widespread severe storms expected
4 – MODERATE (MDT)	Widespread severe storms likely
3 – ENHANCED (ENH)	Numerous severe storms possible
2 – SLIGHT (SLGT)	Scattered severe storms possible
1 – MARGINAL (MRGL)	Isolated severe storms possible
THUNDERSTORMS (no label)	No severe storms expected







# Chances for a Tornado: Today / Tonight

April 4, 2025  
10:30 AM

Within 25 Miles of a Point - Through 7 AM CDT Saturday

## Timing

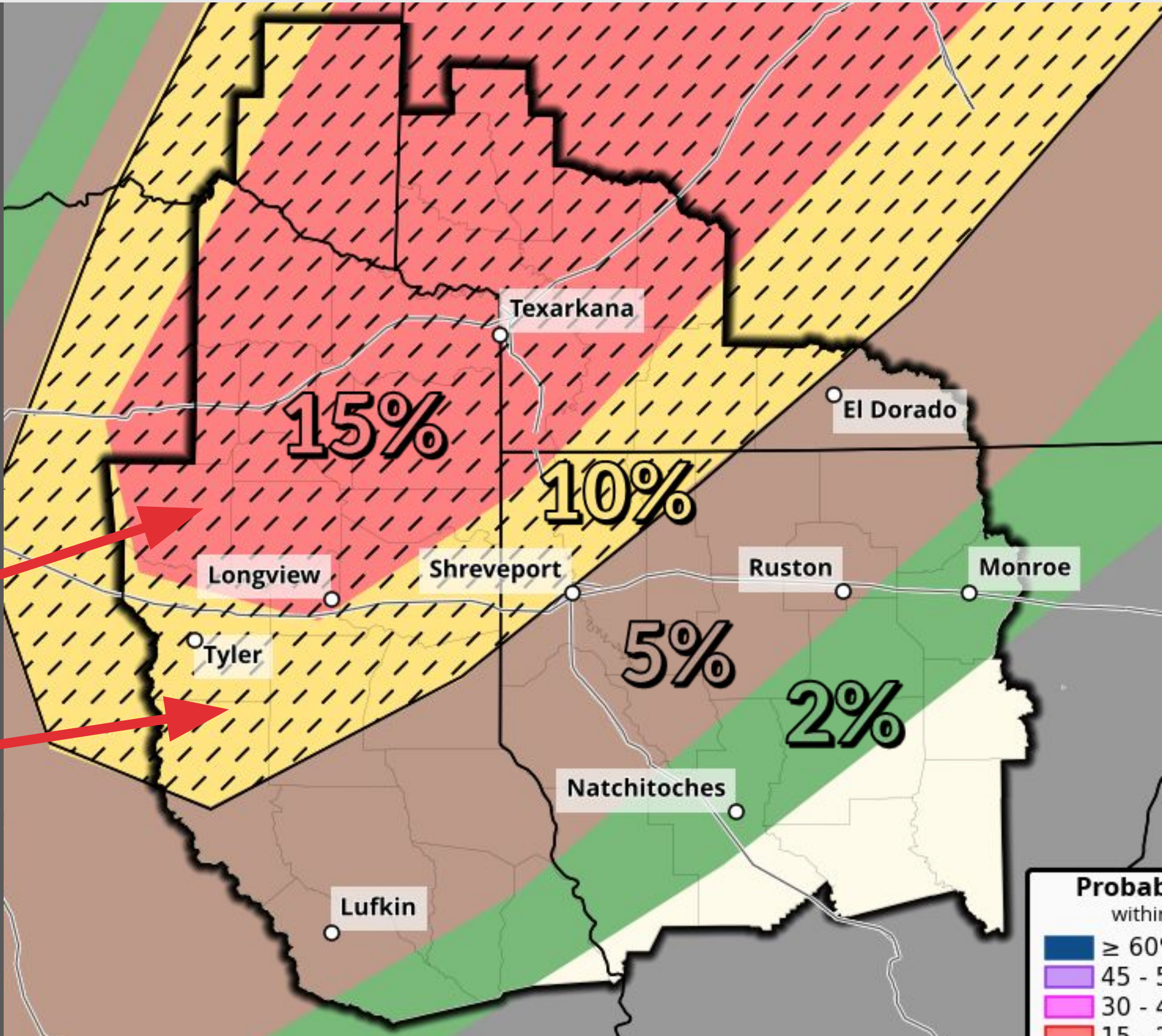


- Primary severe weather threat will be from early afternoon through late this evening, likely ending by midnight.
- Another round of severe storms likely to develop across SE OK & E TX in the 5 AM - 7 AM timeframe.

## What To Know



- Black hatched zone is an area with there is a 10% or greater chance of a strong tornado (rated EF2 or greater).







# Chances for Large Hail: Today / Tonight

April 4, 2025  
10:30 AM

Within 25 Miles of a Point - Through 7 AM CDT Saturday

## Timing

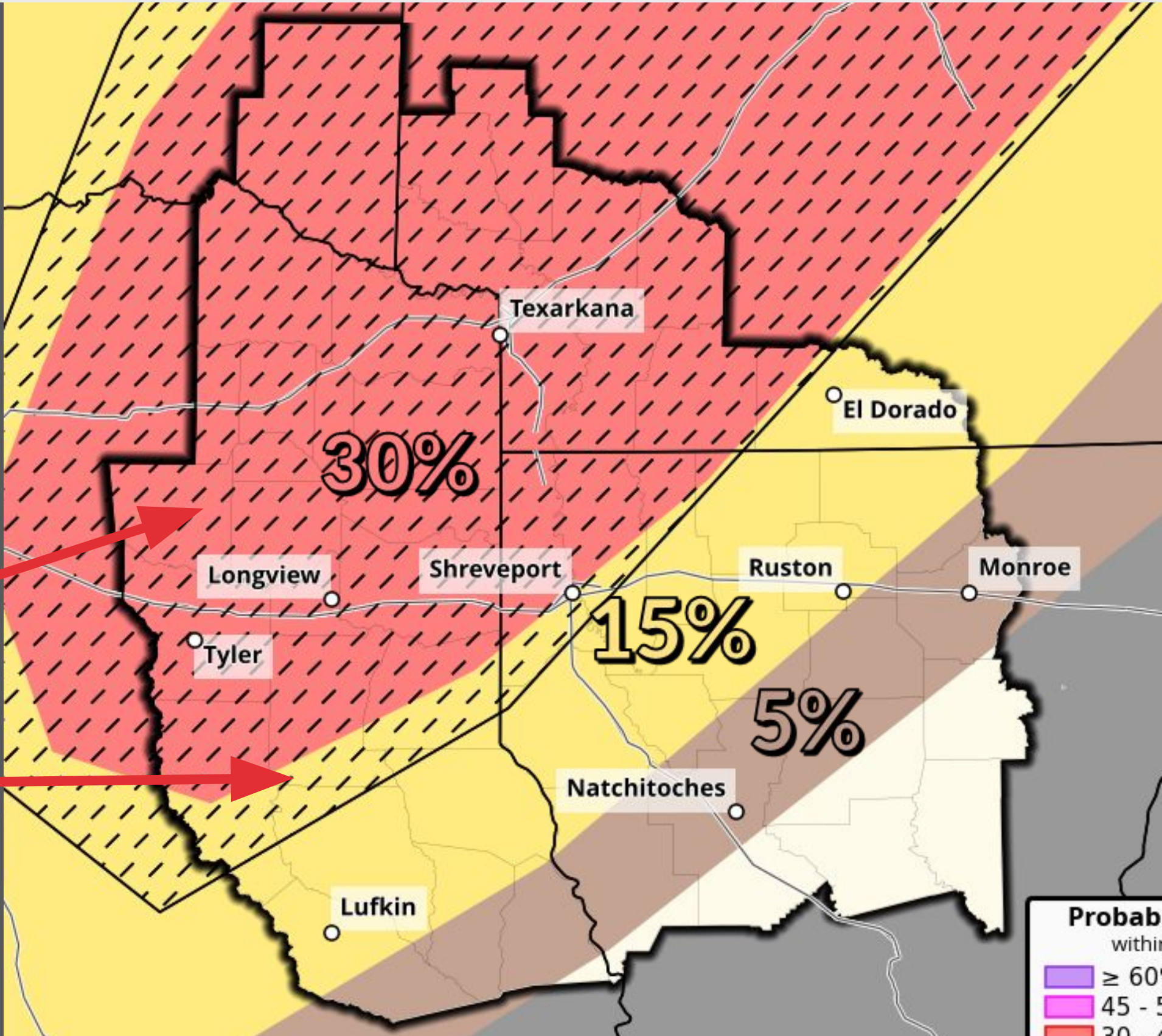


- Primary severe weather threat will be from early afternoon through late this evening, likely ending by midnight.
- Another round of severe storms likely to develop across SE OK & E TX in the 5 AM - 7 AM timeframe.

## What To Know



- Black hatched zone is an area with there is a 10% or greater chance of very large hail of two inches in diameter or greater.







# Chances for Wind of 58+ MPH: Today / Tonight

April 4, 2025  
10:30 AM

Within 25 Miles of a Point - Through 7 AM CDT Saturday

## Timing

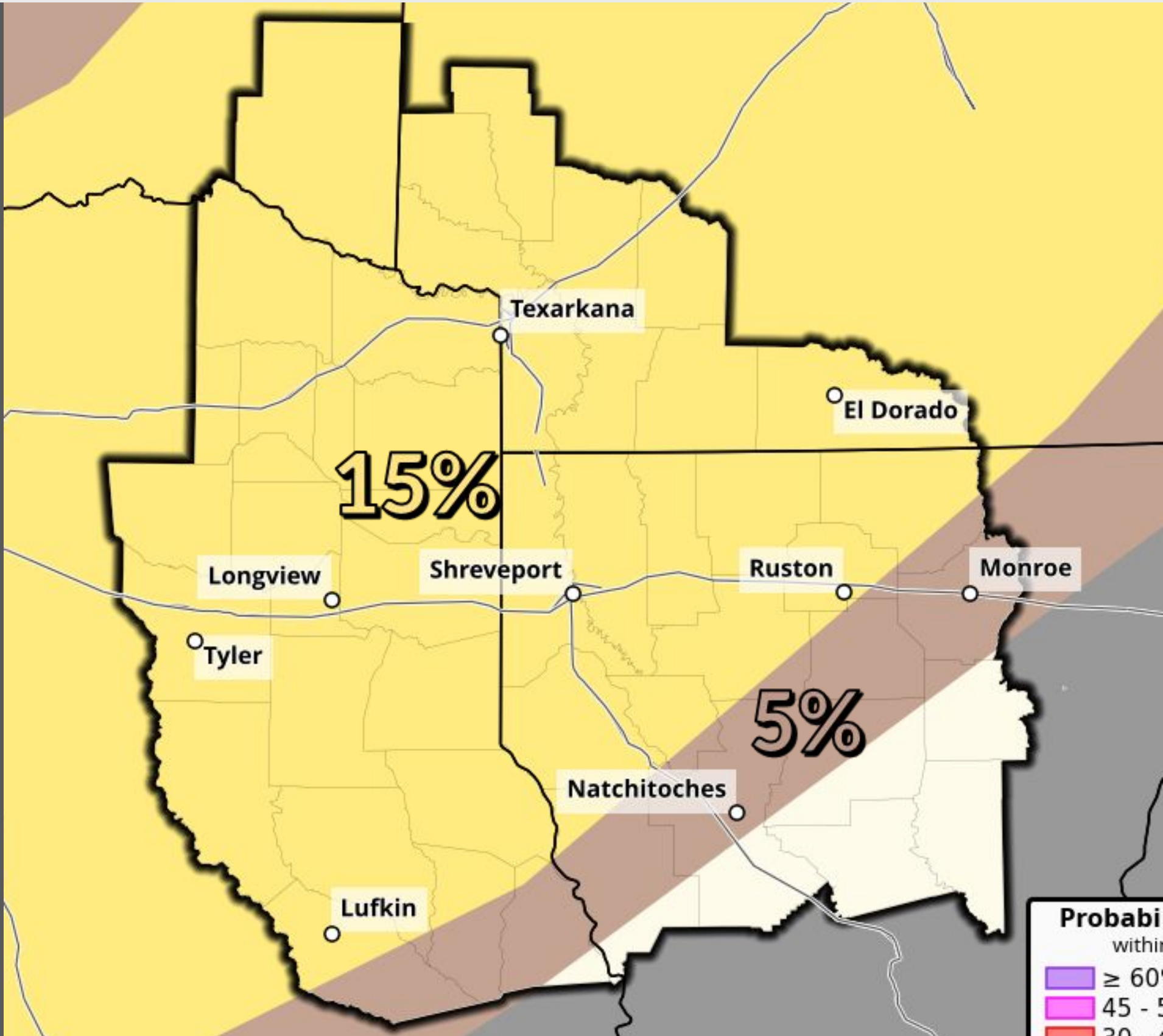


- Primary severe weather threat will be from early afternoon through late this evening, likely ending by midnight.
- Another round of severe storms likely to develop across SE OK & E TX in the 5 AM - 7 AM timeframe.

## What To Know



- Wind gusts of 60-70 mph possible with any severe storm.
- Saturated soils will increase the likelihood of trees being uprooted in strong winds.







# Severe Weather Risk: Saturday

April 4, 2025  
10:30 AM

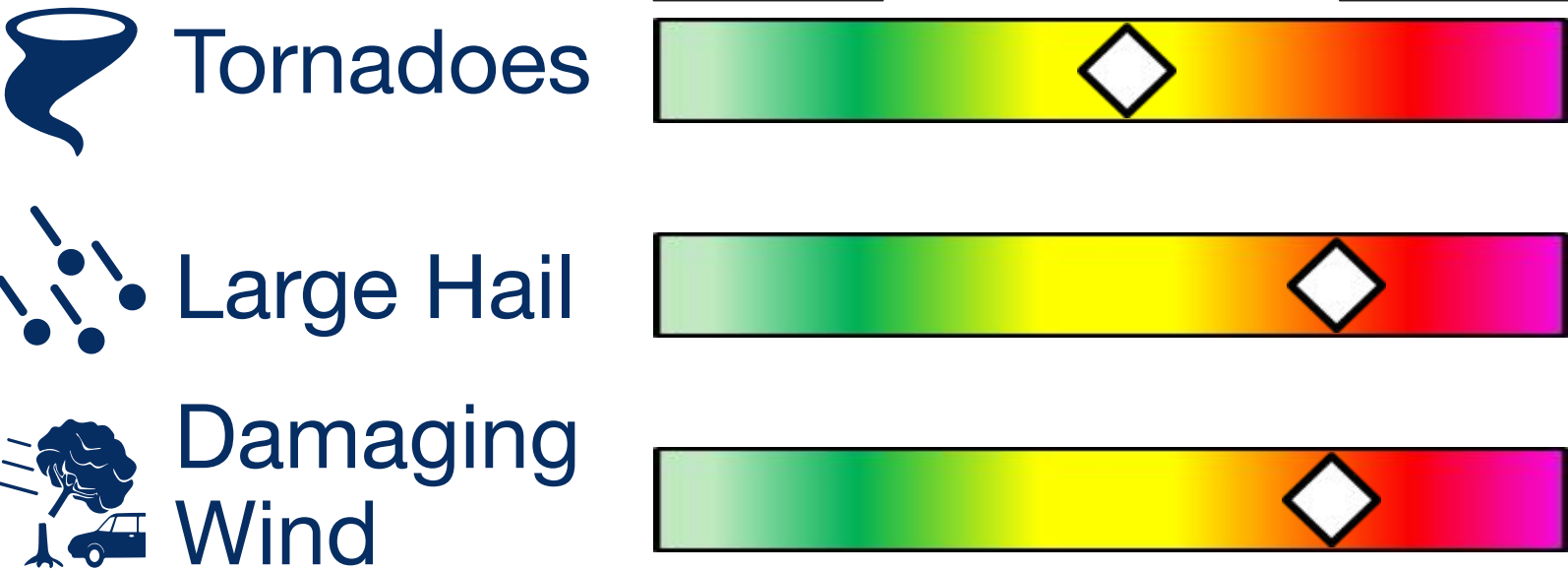
7 AM CDT Saturday through 7 AM CDT Sunday

## Timing

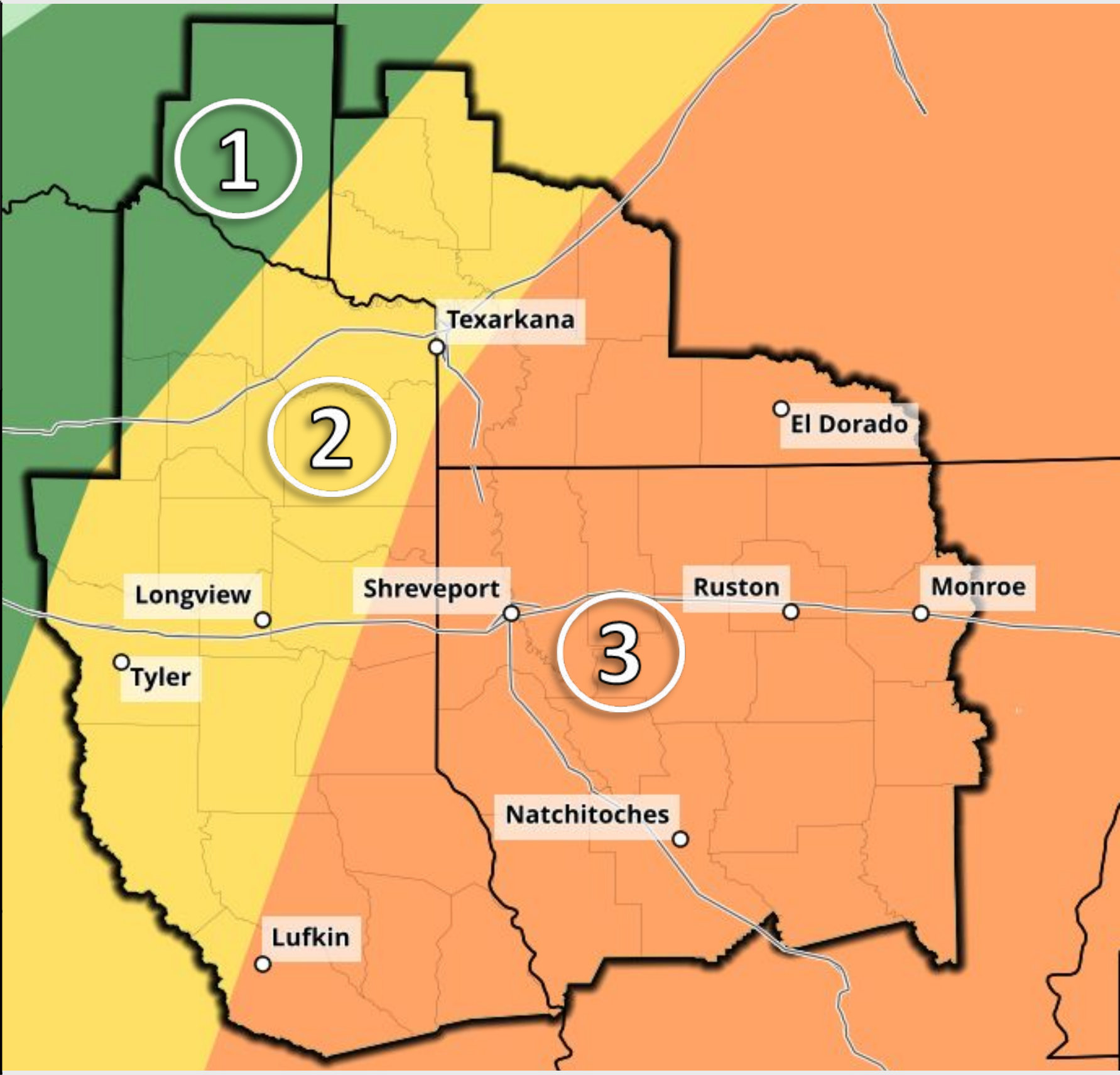


- Storms will likely begin in the 5 AM - 7 AM timeframe.
- Greatest threat will be over the Enhanced Risk area from Saturday afternoon into very early Sunday morning.

## Severe Threats



5 – HIGH (HIGH)
Widespread severe storms expected
4 – MODERATE (MDT)
Widespread severe storms likely
3 – ENHANCED (ENH)
Numerous severe storms possible
2 – SLIGHT (SLGT)
Scattered severe storms possible
1 – MARGINAL (MRGL)
Isolated severe storms possible
THUNDERSTORMS (no label)
No severe storms expected







# Chances for a Tornado: Saturday

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Within 25 Miles of a Point - 7 AM CDT Saturday through 7 AM Sunday

## Timing

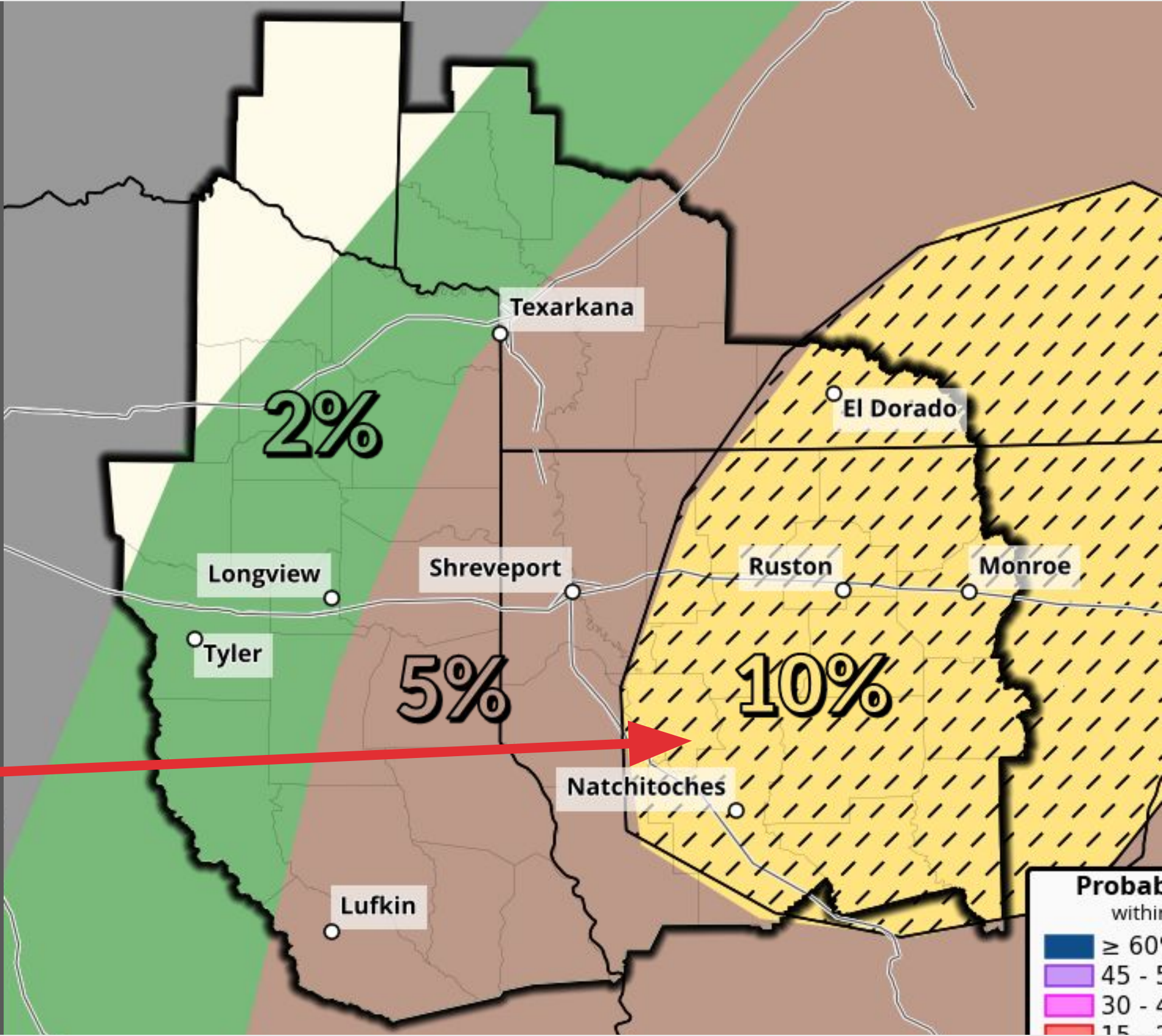


- Greatest threat will be over South Central Arkansas and much of North Central and Northeast Louisiana Saturday afternoon into very early Sunday morning.

## What To Know



- Black hatched zone is an area with there is a 10% or greater chance of a strong tornado (rated EF2 or greater).







# Chances for Large Hail: Saturday

April 4, 2025  
10:30 AM

Within 25 Miles of a Point - 7 AM CDT Saturday through 7 AM CDT Sunday

## Timing

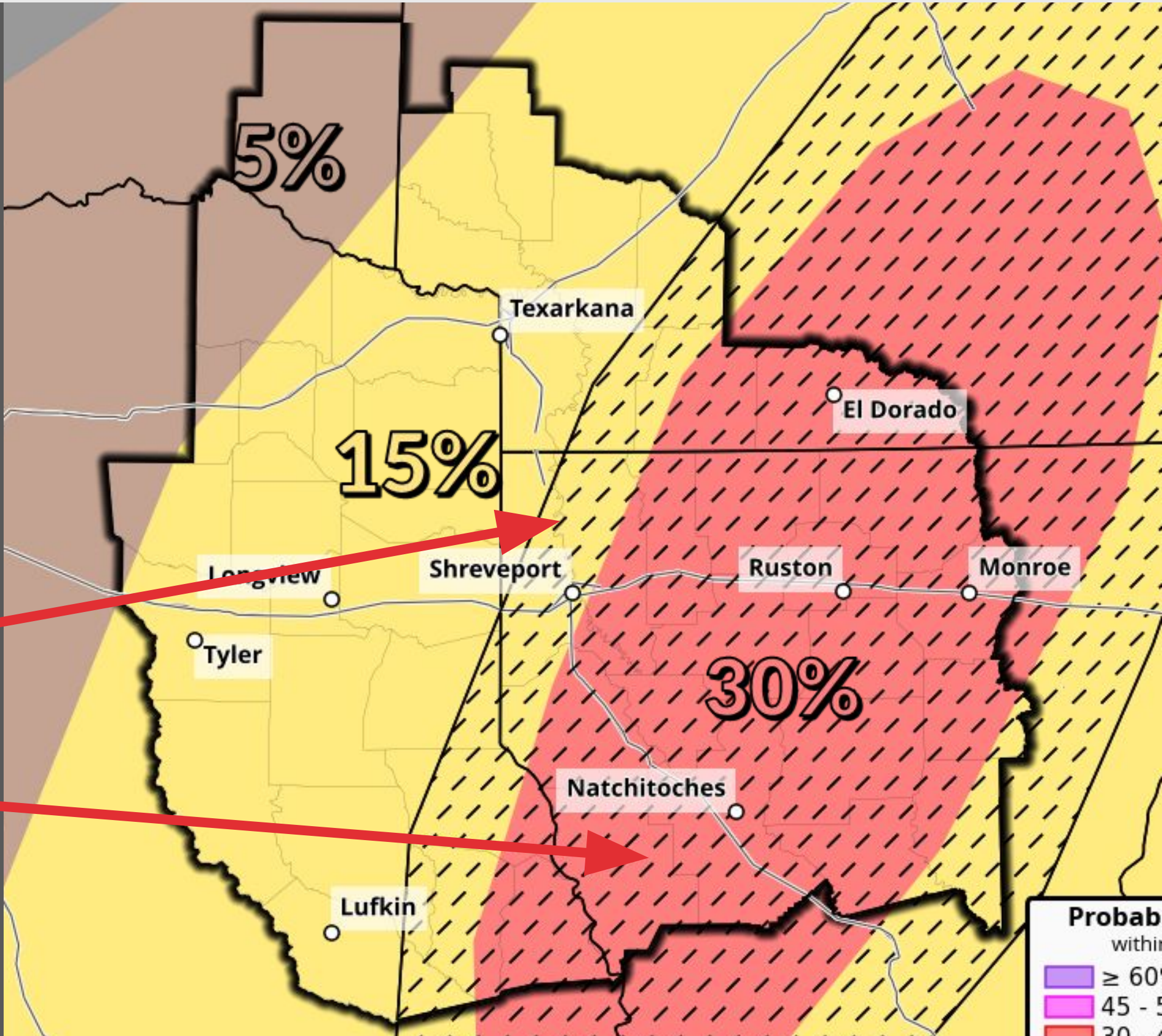


- Greatest threat will be over South Central Arkansas, all of Northern Louisiana, and portions of Deep East Texas Saturday afternoon into very early Sunday morning.

## What To Know



- Black hatched zone is an area with there is a 10% or greater chance of very large hail of two inches in diameter or greater.







# Chances for Wind of 58+ MPH: Saturday

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Within 25 Miles of a Point - 7 AM CDT Saturday through 7 AM CDT Sunday

## Timing

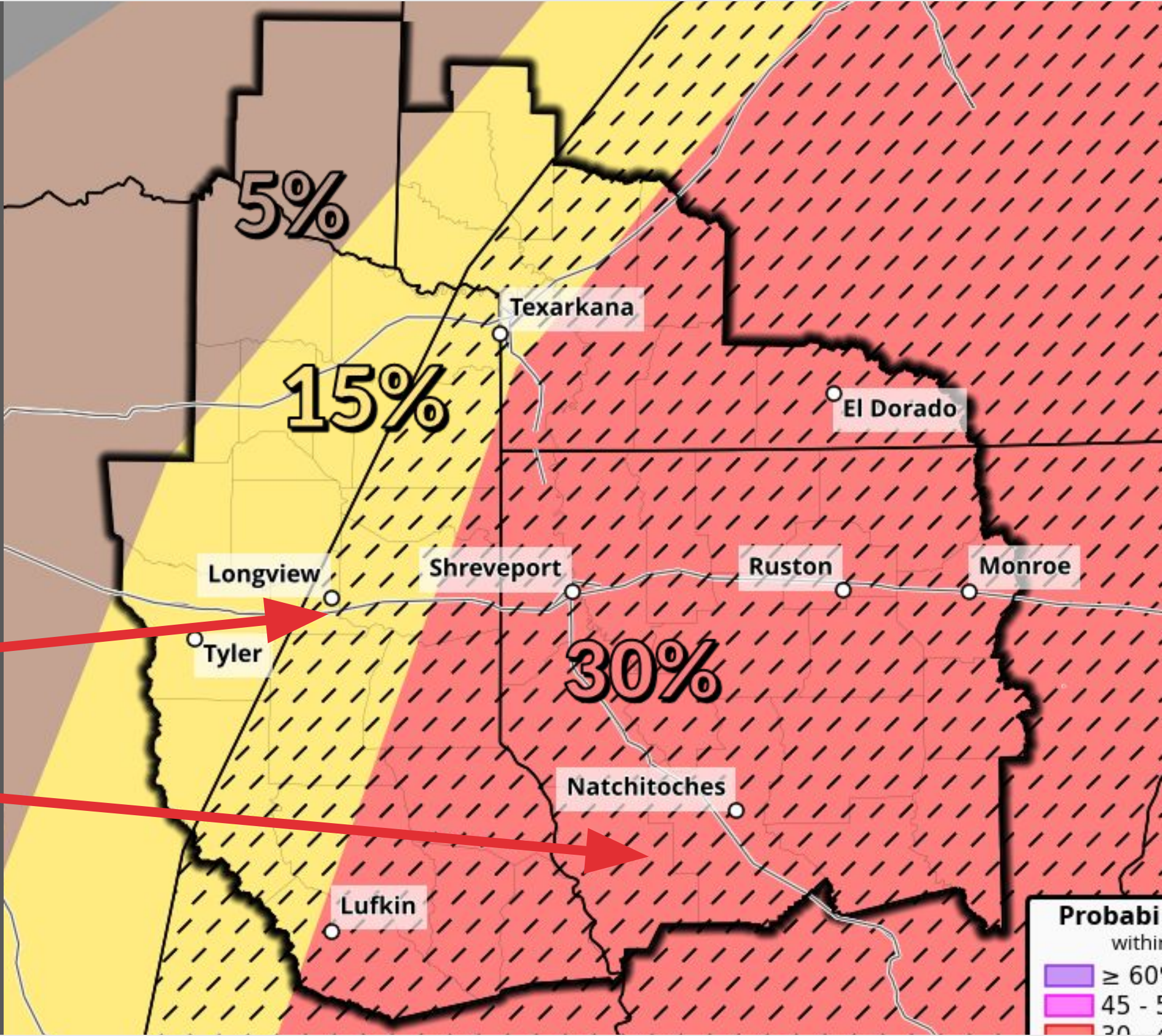


- Greatest threat will be over South Central Arkansas, all of Northern Louisiana, and portions of East Texas Saturday morning into very early Sunday morning.

## What To Know



- Black hatched zone is an area with there is a 10% or greater chance of wind gusts of 74 MPH or greater.
- Saturated soils will increase the likelihood of trees being uprooted in strong winds.







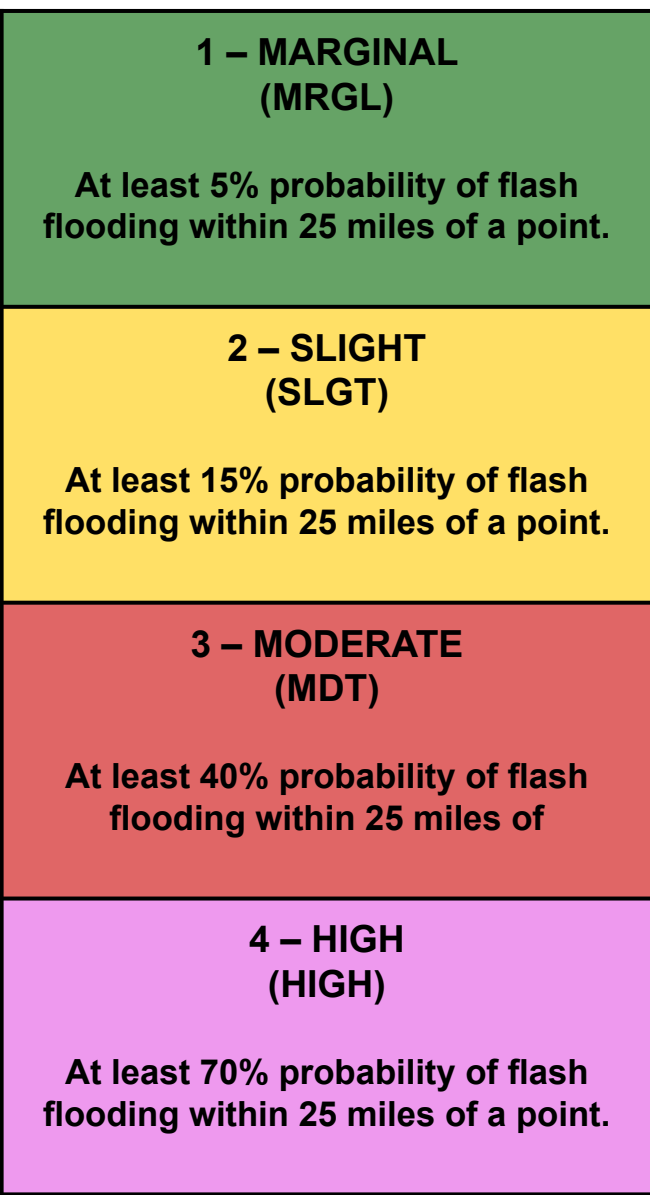
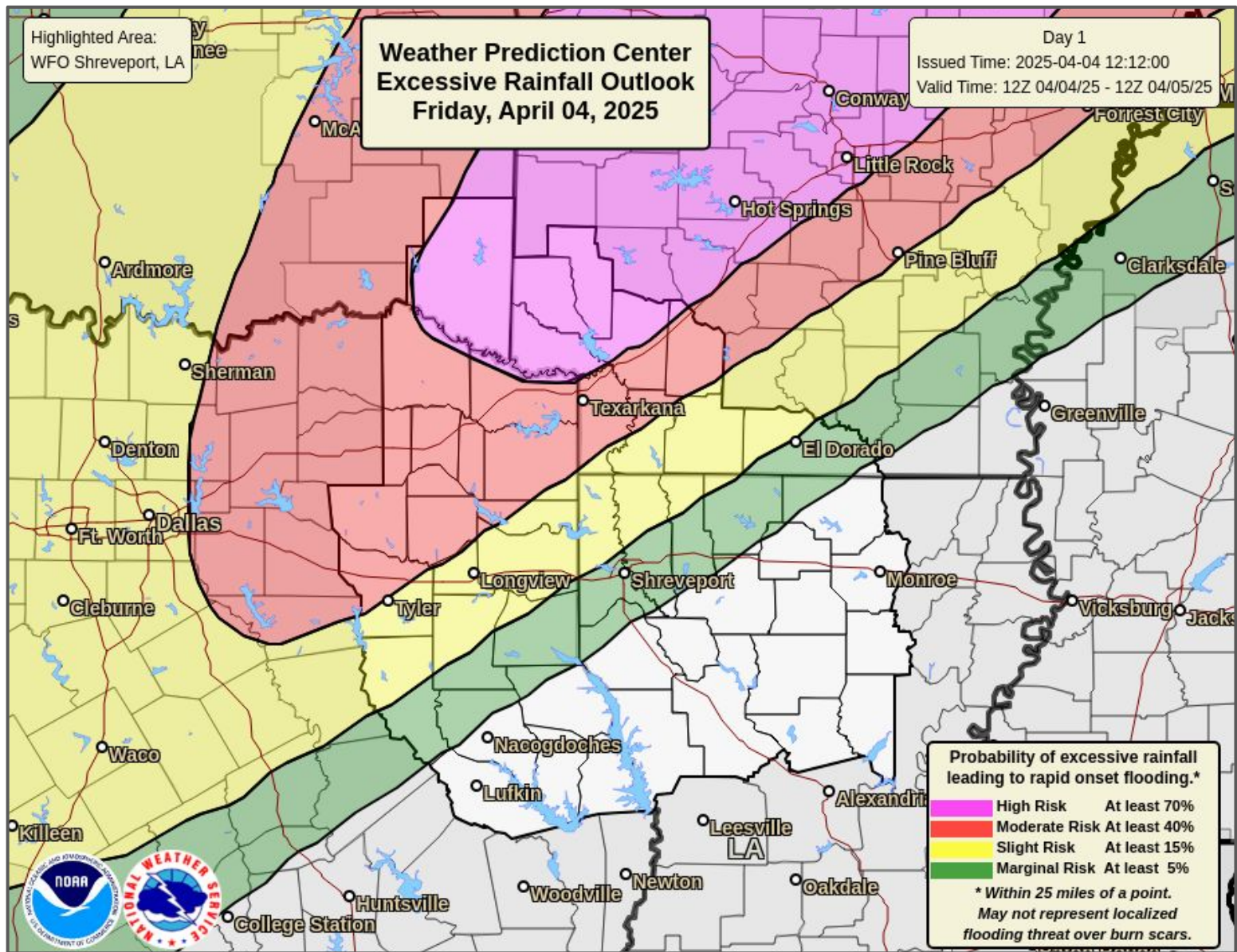
# Flash Flood Risk

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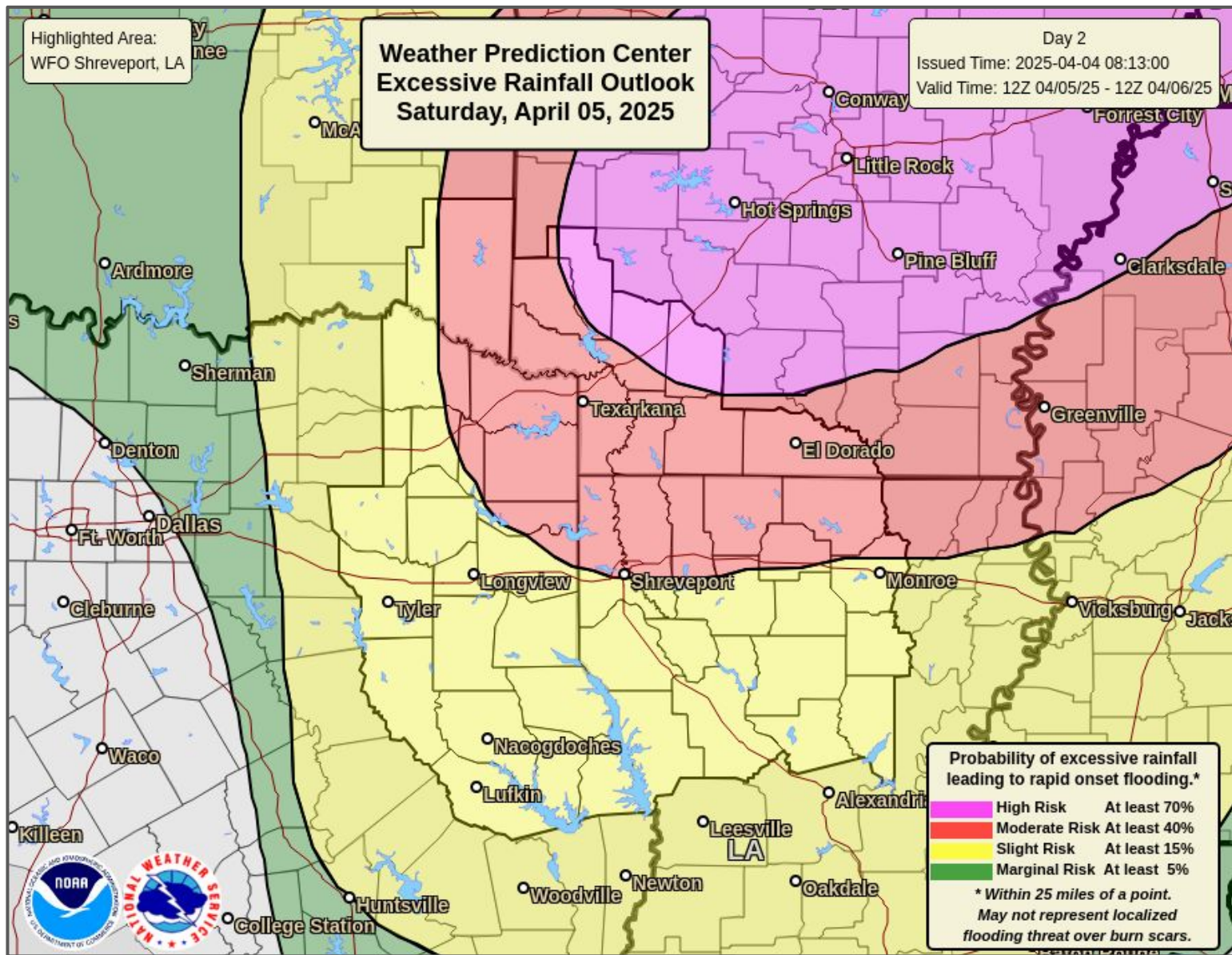
Today through Sunday Morning

- Areas outlined in **PINK** have the greatest potential for flash flooding.
- An additional 4-7 inches of rainfall possible north of I-30. Higher amounts of 8-10 inches possible in Southeast Oklahoma and Southwest Arkansas.

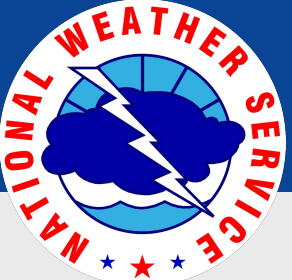
Today - 7 AM Saturday



7 AM Saturday - 7 AM Sunday







# Potential ADDITIONAL Rainfall Amounts

April 4, 2025  
10:30 AM

**\*\*Most Likely Outcome (Official Forecast)\*\***

## Timing



Today through Monday Morning

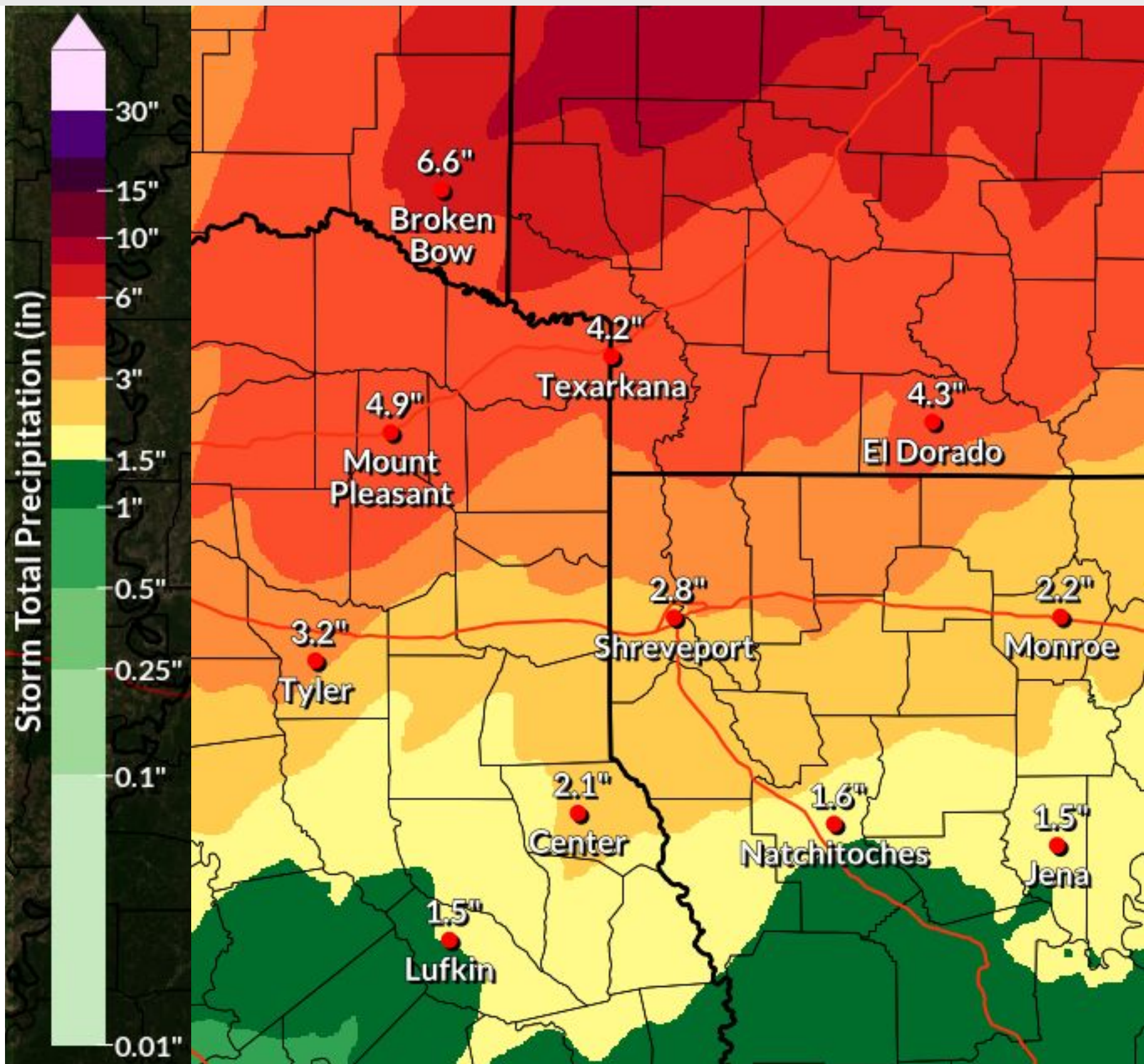
## Forecast Confidence



## Impacts



- Highest rainfall amounts should be across Southeast Oklahoma, Southwest Arkansas, and extreme Northeast Texas.
- Much of McCurtain County has already received 2 to 6 inches of rain since Wednesday
- **Moderate** to **Major** river flooding is expected in SE OK and SW AR.







# Potential ADDITIONAL Rainfall Amounts

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**\*\*Reasonable Worst Case\*\***

## Timing

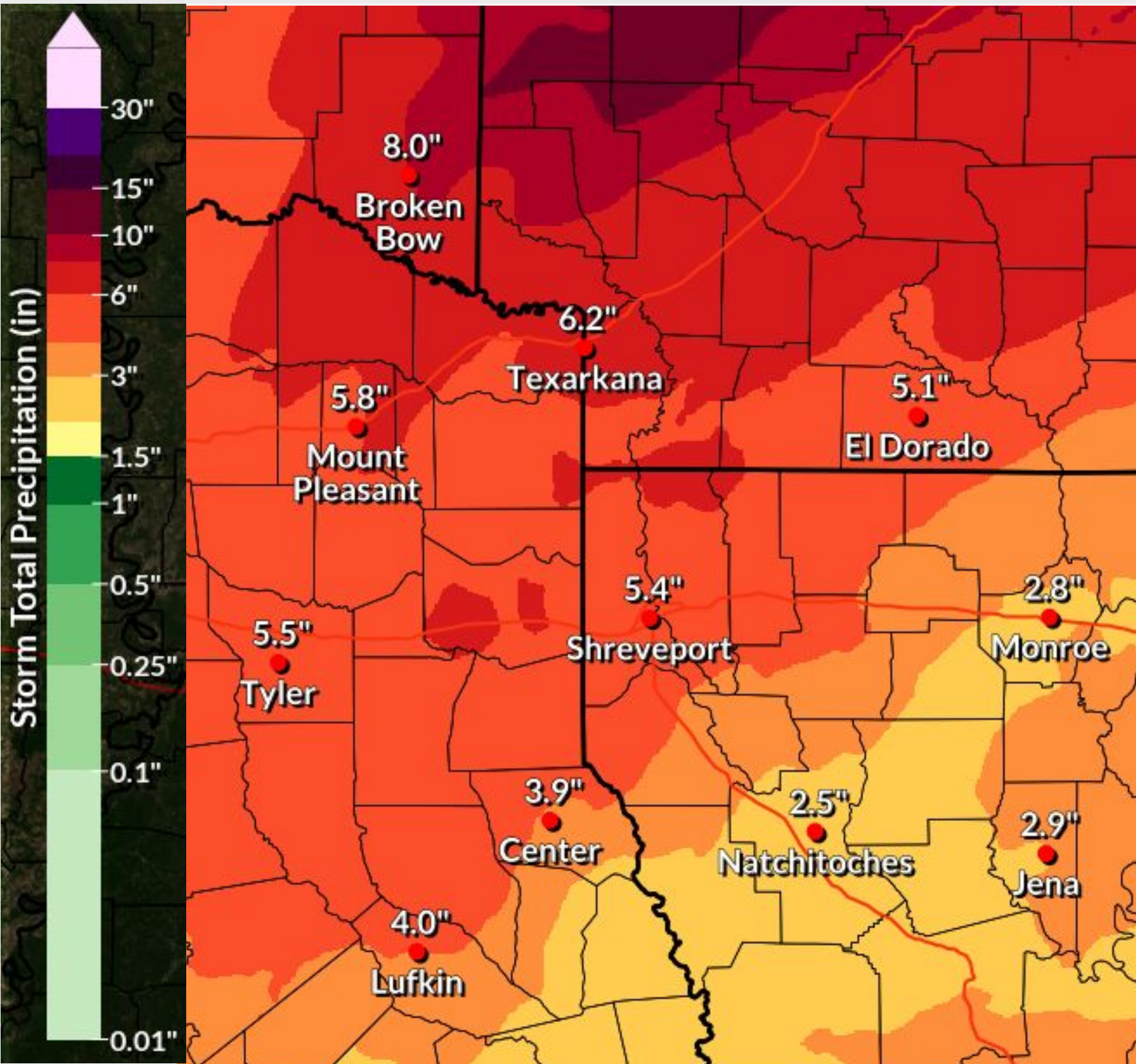


Today through Monday Morning

## Forecast Details



- 1 in 10 (10%) chance of rainfall totals **higher** than these amounts.
- **Greatest forecast confidence** in heavy rain amounts are **along and north of I-30** in Southeast Oklahoma, Southwest Arkansas, and Northeast Texas.
- Localized totals may be **higher** in a few locations.







# Current Lake and River Flooding

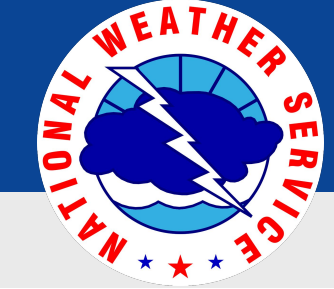
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Action Stage
Minor Flood
Moderate Flood
Major Flood

- Into the weekend, additional rainfall across SE Oklahoma and S Arkansas watersheds will produce impactful flooding. **Some rivers/lakes will rise into Moderate and Major Flood Stages.**
- Impacts include (and are not limited to) creeks and streams rising out of their banks, producing flooding of low-lying areas.

Waterways of Concern	Current Stages	Forecast Stages
Little River		At Horatio, AR
Little River		At Idabel, OK
Glover River		At Glover, OK
Sulphur River		Near Talco, TX
Red River		Near Dekalb, TX
Angelina River	Near Lufkin and Chireno, TX	continues...
Sabine River		At Kilgore, near Mineola, TX
Neches River		Near Diboll, Near Neches
Wallace Lake	Uncertainty remains with Wallace Lake, Cross Lake, Caddo Lake, Bayou Bodcau due to uncertainty of where the heaviest rain will fall. All lakes will rise next week.	
Caddo Lake		
Cross Lake		

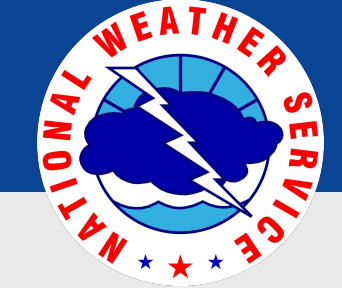




## Key Messages

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- All severe weather hazards are likely through early Sunday morning:
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# Contact and Next Briefing Information

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## Briefing Webpage

→ <https://weather.gov/shv/briefing>



## Next Scheduled Briefing

→ 10:30 AM on Thursday, April 10, 2025  
→ Method: Webinar



## Disclaimer

→ Information contained in this briefing is time-sensitive



## Contact Information

### Web

→ <https://weather.gov/shv>

### Phone

→ (318) 631-3669

### Email

→ [nws.shreveport@noaa.gov](mailto:nws.shreveport@noaa.gov)

### Facebook

→ [NWSShreveport](https://www.facebook.com/NWSShreveport)

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