## Storm Data and Unusual Weather Phenomena - February 2024

Property &

**Event Type and Details** 

Deaths &

Date/Time

Location

Location	Date/Time	Injuries	Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central a	and Southeast			
HARMON COUNTY 0.1 NNE VINSON [:	24.00 00.961			
HARMON COUNTY U.T NINE VINSON [.	02/02/24 18:57 CST		0	Hail (1.25 in)
	02/02/24 18:57 CST		0	Source: Broadcast Media
Vind gusts estimated to 45-50 mph also n	noted.			
GREER COUNTY 2.5 N HESTER [34.84	4, -99.42]			
	02/02/24 19:35 CST		0	Thunderstorm Wind (MG 50 kt)
	02/02/24 19:35 CST		0	Source: Mesonet
Mangum (MANG) Mesonet observation.				
As a shortwave trough approached the S the 2nd. Overall, instability and wind she thunderstorms produced a few reports o	ear were on the lower margins for s	severe outcomes.	Still, a few transi	<del>-</del>
· · · · · · · · · · · · · · · · · · ·				7 7024) CDEED (OK 7025) KIONA
OK-Z021) BECKHAM, (OK-Z022) WASHI OK-Z038) COMANCHE	, , , , , , ,	OANADIAN, (UR-Z	,	,
	02/11/24 05:00 CST		0	Heavy Snow
	02/12/24 05:00 CST		0	
type, owing to warm (upper-30s/40s) sur cooling and heavy rates yielded a chang	geover to all snow and accumulatio	on. The axis of high		
type, owing to warm (upper-30s/40s) sur cooling and heavy rates yielded a chang western-north Texas into southwest Okla	geover to all snow and accumulatio	on. The axis of high		
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type, owing to warm (upper-30s/40s) sur cooling and heavy rates yielded a chang western-north Texas into southwest Okla	geover to all snow and accumulatio ahoma (near the Interstate 44 corri	on. The axis of high	est snow totals	set up from far
type, owing to warm (upper-30s/40s) sur cooling and heavy rates yielded a chang western-north Texas into southwest Okla (OK-Z047) JOHNSTON	geover to all snow and accumulation ahoma (near the Interstate 44 corri- 02/21/24 14:15 CST 02/22/24 12:21 CST	on. The axis of high dor).	23.79K 0	set up from far
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## Storm Data and Unusual Weather Phenomena - February 2024

Location	Date/Time	Deaths &	Property &	Event Type and Details
		Injuries	Crop Dmg	
	02/27/24 13:20 CST		1.30M	Wildfire
	02/29/24 23:59 CST		0	

A powerful (130-150 knot) jet streak was positioned across the southern one-third of the CONUS during the day on the 27th. A very dry and warm airmass existed across the western half of the area by the afternoon. With deep vertical mixing and transport of strong mid-level winds, severe-caliber wind gusts occurred during the day as well. The combination of these factors set the stage for a significant wildfire event across far western/northwestern Oklahoma.

KNOX COUNTY 0.4 ESE MUNDAY	[33.45, -99.62]	_	
	02/02/24 17:53 CST	0	Hail (0.88 in)
	02/02/24 17:53 CST	0	Source: Public
FOARD COUNTY 13.7 W CROWEL	_L [33.99, -99.96]		
	02/02/24 18:11 CST	0	Thunderstorm Wind (MG 51 kt)
	02/02/24 18:11 CST	0	Source: Mesonet
Comanche Springs (COMA) Mesonet	observation.		
As a shortwave trough approached the 2nd. Overall, instability and wind	the Southern Plains, thunderstorm developmen I shear were on the lower margins for severe ou	utcomes. Still, a few tra	_
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As a strong (closed) upper cyclone moved from the Four Corners into central Texas, portions of western-north Texas observed a significant snowfall event from midday on the 11th into the morning of the 12th. Initially, rain was the dominant hydrometeor type, owing to warm (upper-30s/40s) surface temperatures. However, as the main system moved overhead, a combination of dynamic cooling and heavy rates yielded a changeover to all snow and accumulation. The axis of highest snow totals set up from far western-north Texas into southwest Oklahoma (near the Interstate 44 corridor).

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