

## Storm Data and Unusual Weather Phenomena - March 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>OKLAHOMA, Western, Central and Southeast</b>				
<b>(OK-Z009) ELLIS, (OK-Z014) ROGER MILLS</b>				
	03/01/24 00:00 CST		1.30M	Wildfire
	03/09/24 19:00 CST		0	
Large wildfires, igniting during the 26-27 February 2024 Southern Plains Wildfire Outbreak, continued to burn into the first days of the month. See entries in February 2024 Storm Data for additional details on these fires.				
<b>(OK-Z010) WOODWARD</b>				
	03/06/24 17:00 CST		51.17K	Wildfire
	03/24/24 00:00 CST		0	
The combination of warm, dry and breezy conditions created favorable conditions for fire starts and spread.				
<b>COAL COUNTY --- 3.9 SW LEHIGH [34.43, -96.27]</b>				
	03/07/24 00:08 CST		0	Hail (1.00 in)
	03/07/24 00:08 CST		0	Source: COOP Observer
<b>COMANCHE COUNTY --- 5.5 NNE MEERS [34.85, -98.54]</b>				
	03/07/24 16:23 CST		0	Hail (1.00 in)
	03/07/24 16:23 CST		0	Source: Public
MPing report.				
<b>JACKSON COUNTY --- 0.3 W BLAIR [34.78, -99.33]</b>				
	03/07/24 18:10 CST		0	Hail (0.75 in)
	03/07/24 18:10 CST		0	Source: Public
MPing report. Based on radar evidence, hailfall likely occurred prior (1800-1805 LST) to report time.				
<b>WASHITA COUNTY --- 4.6 SSE COLONY [35.29, -98.64]</b>				
	03/07/24 18:17 CST		0	Hail (0.75 in)
	03/07/24 18:17 CST		0	Source: Public
MPing report.				
<b>KIOWA COUNTY --- LONE WOLF [34.99, -99.25]</b>				
	03/07/24 18:19 CST		0	Hail (2.00 in)
	03/07/24 18:19 CST		0	Source: Public
A few hailstones may have been larger.				
<b>GREER COUNTY --- 0.9 SW MANGUM [34.87, -99.51]</b>				
	03/07/24 18:24 CST		0	Hail (1.25 in)
	03/07/24 18:24 CST		0	Source: Public
MPing report.				
<b>KAY COUNTY --- 0.9 NE KAW CITY [36.77, -96.85]</b>				
	03/07/24 19:56 CST		0	Hail (0.75 in)
	03/07/24 19:56 CST		0	Source: Public
MPing report. Based on radar evidence, hailfall likely occurred prior (1940-1950 LST) to report time.				
A broad upper trough, centered near the Four Corners, began to approach the region during the evening of the 7th. Scattered thunderstorm development occurred ahead of a dryline positioned near the 100th meridian. Given sufficient instability and deep-layer wind shear, a few organized (supercell) thunderstorms developed. A few reports of large hail were received across western Oklahoma associated with these storms.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>(OK-Z010) WOODWARD</b>				
	03/07/24 18:27 CST		36.07K	Wildfire
	03/09/24 12:00 CST		0	
The combination of warm, dry and breezy conditions created favorable conditions for fire starts and spread.				
<b>(OK-Z032) HUGHES</b>				
	03/12/24 13:22 CST		0.20M	Wildfire
	03/31/24 23:59 CST		0	
The combination of warm, dry and breezy conditions created favorable conditions for fire starts and spread.				
<b>GARVIN COUNTY --- 2.9 W PAOLI [34.83, -97.31]</b>				
	03/14/24 10:27 CST		0	Hail (0.75 in)
	03/14/24 10:27 CST		0	Source: Public
MPing report.				
<b>POTTAWATOMIE COUNTY --- 0.7 WSW PEARSON [35.07, -96.93]</b>				
	03/14/24 10:30 CST		0	Hail (0.88 in)
	03/14/24 10:30 CST		0	Source: Emergency Manager
Relayed report. Time and location are estimated.				
<b>JEFFERSON COUNTY --- 5.2 E WAURIKA [34.17, -97.91]</b>				
	03/14/24 10:47 CST		0	Hail (1.00 in)
	03/14/24 10:47 CST		0	Source: Trained Spotter
<b>LINCOLN COUNTY --- PRAGUE [35.49, -96.69]</b>				
	03/14/24 11:28 CST		0	Hail (1.50 in)
	03/14/24 11:28 CST		0	Source: Broadcast Media
Social media image. Time is radar estimated.				
<b>LINCOLN COUNTY --- 3.0 NNE PRAGUE [35.53, -96.67]</b>				
	03/14/24 11:31 CST		0	Hail (1.00 in)
	03/14/24 11:31 CST		0	Source: Public
MPing report.				
<b>GARVIN COUNTY --- 3.4 S PAULS VALLEY [34.69, -97.21]</b>				
	03/14/24 11:42 CST		0	Hail (0.88 in)
	03/14/24 11:42 CST		0	Source: Emergency Manager
Relayed report. Location is estimated.				
<b>CARTER COUNTY --- 0.9 S FOX [34.35, -97.49]</b>				
	03/14/24 11:46 CST		0	Hail (0.88 in)
	03/14/24 11:46 CST		0	Source: Broadcast Media
<b>GARVIN COUNTY --- 0.7 SSE PAULS VALLEY [34.73, -97.21]</b>				
	03/14/24 11:50 CST		0	Hail (1.00 in)
	03/14/24 11:50 CST		0	Source: Public
MPing report. Based on radar evidence, hailfall likely occurred prior (1140-1145 LST) to report time.				
<b>POTTAWATOMIE COUNTY --- 6.3 E ASHER [34.99, -96.81]</b>				
	03/14/24 11:54 CST		0	Hail (0.88 in)
	03/14/24 11:54 CST		0	Source: Emergency Manager

## Storm Data and Unusual Weather Phenomena - March 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>GARVIN COUNTY --- 1.1 WSW STRATFORD [34.80, -96.98]</b>				
	03/14/24 12:15 CST	0		Hail (1.00 in)
	03/14/24 12:15 CST	0		Source: Emergency Manager
Relayed report.				
<b>HUGHES COUNTY --- 2.4 WSW WETUMKA [35.23, -96.28]</b>				
	03/14/24 12:18 CST	0		Hail (0.88 in)
	03/14/24 12:18 CST	0		Source: Emergency Manager
<b>MURRAY COUNTY --- 6.0 W TURNER FALLS [34.43, -97.25]</b>				
	03/14/24 12:19 CST	0		Hail (1.00 in)
	03/14/24 12:19 CST	0		Source: Public
MPing report.				
<b>MURRAY COUNTY --- TURNER FALLS [34.43, -97.15]</b>				
	03/14/24 12:38 CST	0		Hail (1.75 in)
	03/14/24 12:38 CST	0		Source: Broadcast Media
Additional confirmation from emergency management.				
<b>MURRAY COUNTY --- 1.3 SSW DAVIS [34.48, -97.13]</b>				
	03/14/24 12:39 CST	0		Hail (1.25 in)
	03/14/24 12:39 CST	0		Source: Public
MPing report.				
<b>MURRAY COUNTY --- 0.4 WNW DAVIS [34.50, -97.13]</b>				
	03/14/24 12:41 CST	0		Hail (1.75 in)
	03/14/24 12:41 CST	0		Source: Public
MPing report.				
<b>MURRAY COUNTY --- 3.0 W SULPHUR [34.51, -97.02]</b>				
	03/14/24 12:51 CST	0		Hail (1.00 in)
	03/14/24 12:51 CST	0		Source: Emergency Manager
<b>MURRAY COUNTY --- 4.5 N SULPHUR [34.58, -96.97]</b>				
	03/14/24 13:04 CST	0		Hail (1.75 in)
	03/14/24 13:04 CST	0		Source: Broadcast Media
Relayed report. Time is radar estimated.				
<b>JOHNSTON COUNTY --- 2.3 S CONNERVILLE [34.42, -96.64]</b>				
	03/14/24 15:01 CST	0		Hail (1.00 in)
	03/14/24 15:01 CST	0		Source: Public
MPing report.				
<b>JOHNSTON COUNTY --- 2.1 S CONNERVILLE [34.42, -96.64]</b>				
	03/14/24 15:04 CST	0		Hail (1.82 in)
	03/14/24 15:04 CST	0		Source: Broadcast Media
Measured with digital calipers.				
<b>SEMINOLE COUNTY --- 1.4 N DEWRIGHT [35.09, -96.68]</b>				
	03/14/24 15:32 CST	0		Hail (1.00 in)
	03/14/24 15:32 CST	0		Source: Public

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MPing report. Additional trained spotter confirmation nearby in time/space.				
<b>COAL COUNTY --- 8.9 NNE COTTONWOOD [34.68, -96.14]</b>				
	03/14/24 15:58 CST		0	Hail (1.00 in)
	03/14/24 15:58 CST		0	Source: Broadcast Media
<b>LOVE COUNTY --- MARIETTA [33.94, -97.12]</b>				
	03/14/24 16:05 CST		0	Hail (1.00 in)
	03/14/24 16:05 CST		0	Source: Emergency Manager
<b>LOVE COUNTY --- 0.7 W MARIETTA [33.94, -97.13]</b>				
	03/14/24 16:10 CST		0	Hail (1.25 in)
	03/14/24 16:10 CST		0	Source: Public
MPing report.				
<b>LOVE COUNTY --- 1.9 SSW MARIETTA [33.92, -97.13]</b>				
	03/14/24 16:16 CST		0	Hail (1.25 in)
	03/14/24 16:16 CST		0	Source: Public
MPing report. Based on radar evidence, hailfall likely occurred prior (1610-1615 LST) to report time.				
<b>LOVE COUNTY --- 3.0 SW MARIETTA [33.91, -97.16]</b>				
	03/14/24 16:24 CST		0	Hail (2.00 in)
	03/14/24 16:24 CST		0	Source: Fire Department/Rescue
Relayed image. Based on radar evidence, hailfall likely occurred prior (1600-1610 LST) to report time.				
<b>SEMINOLE COUNTY --- 4.2 S WEWOKA [35.09, -96.49]</b>				
	03/14/24 16:26 CST		0	Hail (1.00 in)
	03/14/24 16:26 CST		0	Source: Public
MPing report.				
<b>MARSHALL COUNTY --- 1.5 ENE LEBANON [33.99, -96.88]</b>				
	03/14/24 16:35 CST		0	Hail (1.00 in)
	03/14/24 16:35 CST		0	Source: Public
MPing report.				
<b>SEMINOLE COUNTY --- 4.4 NNE SASAKWA [35.01, -96.51]</b>				
	03/14/24 16:42 CST		0	Hail (1.00 in)
	03/14/24 16:42 CST		0	Source: Public
MPing report. Based on radar evidence, hailfall likely occurred prior (1630-1640 LST) to report time.				
<b>HUGHES COUNTY --- HOLDENVILLE [35.08, -96.40]</b>				
	03/14/24 16:45 CST		0	Hail (1.00 in)
	03/14/24 16:45 CST		0	Source: Emergency Manager
<b>PONTOTOC COUNTY --- 1.4 N ADA [34.79, -96.68]</b>				
	03/14/24 16:48 CST		0	Hail (1.25 in)
	03/14/24 16:48 CST		0	Source: Law Enforcement
<b>HUGHES COUNTY --- 1.4 WSW HOLDENVILLE [35.07, -96.42]</b>				
	03/14/24 16:50 CST		0	Hail (1.50 in)
	03/14/24 16:50 CST		0	Source: Emergency Manager
Relayed image.				

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<b>PONTOTOC COUNTY --- 2.3 NNW ADA [34.80, -96.70]</b>				
	03/14/24 16:51 CST	0		Hail (1.75 in)
	03/14/24 16:51 CST	0		Source: Public
MPing report.				
<b>PONTOTOC COUNTY --- 2.0 S BYNG [34.83, -96.67]</b>				
	03/14/24 16:52 CST	0		Hail (2.50 in)
	03/14/24 16:52 CST	0		Source: Public
MPing report.				
<b>MARSHALL COUNTY --- MADILL [34.09, -96.77]</b>				
	03/14/24 16:53 CST	0		Hail (1.75 in)
	03/14/24 16:53 CST	0		Source: Emergency Manager
Time is radar estimated.				
<b>PONTOTOC COUNTY --- 0.7 N ADA [34.78, -96.68]</b>				
	03/14/24 16:53 CST	0		Hail (3.00 in)
	03/14/24 16:53 CST	0		Source: Trained Spotter
Time is radar estimated.				
<b>MARSHALL COUNTY --- OAKLAND [34.10, -96.79]</b>				
	03/14/24 16:54 CST	0		Hail (2.50 in)
	03/14/24 16:54 CST	0		Source: Emergency Manager
Relayed images. Time is radar estimated.				
<b>PONTOTOC COUNTY --- 0.1 NW ADA [34.77, -96.68]</b>				
	03/14/24 16:54 CST	0		Hail (2.75 in)
	03/14/24 16:54 CST	0		Source: Public
MPing report.				
<b>PONTOTOC COUNTY --- 1.3 ESE ADA [34.76, -96.66]</b>				
	03/14/24 16:54 CST	0		Hail (4.50 in)
	03/14/24 16:54 CST	0		Source: Trained Spotter
Numerous additional social media images.				
<b>PONTOTOC COUNTY --- 1.4 NNE ADA [34.79, -96.67]</b>				
	03/14/24 16:54 CST	0		Hail (1.75 in)
	03/14/24 16:54 CST	0		Source: Public
MPing report.				
<b>PONTOTOC COUNTY --- 1.8 SW ADA [34.75, -96.70]</b>				
	03/14/24 16:54 CST	0		Hail (3.25 in)
	03/14/24 16:54 CST	0		Source: Public
MPing report.				
<b>PONTOTOC COUNTY --- 1.1 E ADA [34.77, -96.66]</b>				
	03/14/24 16:55 CST	0		Hail (6.00 in)
	03/14/24 16:55 CST	0		Source: Public
Multiple shared images. Based on additional (digital) analysis conducted by the Insurance Institute for Business and Home Safety (IBHS), the hailstone diameter may have been as large as 6.1 inches. Numerous additional hailstones up to 4 inches in diameter were also noted at this location. Time is radar estimated.				

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<b>PONTOTOC COUNTY --- ADA [34.77, -96.68]</b>				
	03/14/24 16:55 CST		2M	Hail (4.00 in)
	03/14/24 16:55 CST		0	Source: Public
Numerous images from various sources showing hailstones of up to 4- inches in diameter across the community of Ada. Widespread damage to vehicles and buildings reported. Time of event is estimated, with majority of hailfall occurring between 1650-1700 LST.				
<b>PONTOTOC COUNTY --- 0.7 E BYNG [34.86, -96.66]</b>				
	03/14/24 16:56 CST		0	Hail (1.00 in)
	03/14/24 16:56 CST		0	Source: Public
MPing report.				
<b>PONTOTOC COUNTY --- 3.0 ENE ADA [34.79, -96.63]</b>				
	03/14/24 16:59 CST		0	Hail (4.00 in)
	03/14/24 16:59 CST		0	Source: Public
<b>JOHNSTON COUNTY --- 0.1 NW MILL CREEK [34.40, -96.82]</b>				
	03/14/24 17:16 CST		0	Hail (0.75 in)
	03/14/24 17:16 CST		0	Source: Public
MPing report.				
<b>JOHNSTON COUNTY --- 2.0 NE MILL CREEK [34.42, -96.79]</b>				
	03/14/24 17:19 CST		0	Hail (1.00 in)
	03/14/24 17:19 CST		0	Source: Public
MPing report.				
<b>MARSHALL COUNTY --- 3.3 N LEBANON [34.03, -96.90]</b>				
	03/14/24 17:23 CST		0	Hail (1.75 in)
	03/14/24 17:23 CST		0	Source: Trained Spotter
<b>MARSHALL COUNTY --- 5.8 WSW OAKLAND [34.08, -96.89]</b>				
	03/14/24 17:25 CST		0	Hail (2.50 in)
	03/14/24 17:25 CST		0	Source: Fire Department/Rescue
Relayed image. Time is radar estimated.				
<b>JOHNSTON COUNTY --- 0.5 NE FILLMORE [34.28, -96.49]</b>				
	03/14/24 17:30 CST		0	Hail (1.00 in)
	03/14/24 17:30 CST		0	Source: COOP Observer
Time is radar estimated.				
<b>JOHNSTON COUNTY --- WAPANUCKA [34.37, -96.42]</b>				
	03/14/24 17:45 CST		0	Hail (2.00 in)
	03/14/24 17:45 CST		0	Source: Trained Spotter
<b>JOHNSTON COUNTY --- 4.6 NW BROMIDE [34.47, -96.55]</b>				
	03/14/24 17:48 CST		0	Hail (1.00 in)
	03/14/24 17:48 CST		0	Source: Public
MPing report. Based on radar evidence, hailfall likely occurred prior (1740-1745 LST) to report time.				
<b>PONTOTOC COUNTY --- 4.0 SE ADA [34.73, -96.63]</b>				
	03/14/24 17:52 CST		0	Hail (0.75 in)
	03/14/24 17:52 CST		0	Source: Public
MPing report.				

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<b>HUGHES COUNTY --- 2.2 WNW STUART [34.91, -96.14]</b>				
	03/14/24 17:55 CST		0	Hail (1.75 in)
	03/14/24 17:55 CST		0	Source: Public
MPing report.				
<b>HUGHES COUNTY --- 0.0 E STUART [34.90, -96.10]</b>				
	03/14/24 17:56 CST		0	Hail (1.75 in)
	03/14/24 17:56 CST		0	Source: Public
MPing report.				
<b>COAL COUNTY --- LEHIGH [34.47, -96.22]</b>				
	03/14/24 18:09 CST		0	Hail (1.00 in)
	03/14/24 18:09 CST		0	Source: Trained Spotter
<b>JOHNSTON COUNTY --- 0.8 SE EMET [34.19, -96.53]</b>				
	03/14/24 18:23 CST		0	Hail (1.25 in)
	03/14/24 18:23 CST		0	Source: Emergency Manager
Location is approximate.				
<b>JOHNSTON COUNTY --- 0.4 N TISHOMINGO [34.24, -96.68]</b>				
	03/14/24 18:28 CST		0	Hail (1.00 in)
	03/14/24 18:28 CST		0	Source: Emergency Manager
<b>JOHNSTON COUNTY --- 0.5 NNW NIDA [34.15, -96.50]</b>				
	03/14/24 18:36 CST		0	Hail (1.00 in)
	03/14/24 18:36 CST		0	Source: Emergency Manager
<b>ATOKA COUNTY --- 1.7 NNE TUSHKA [34.34, -96.15]</b>				
	03/14/24 19:18 CST		0	Hail (1.75 in)
	03/14/24 19:18 CST		0	Source: Public
MPing report. Based on radar evidence, hailfall likely occurred prior (1910-1915 LST) to report time.				
<b>JOHNSTON COUNTY --- 0.8 ENE FILLMORE [34.28, -96.49], 0.7 E FILLMORE [34.27, -96.49], 1.4 E FILLMORE [34.27, -96.48], 1.4 ENE FILLMORE [34.28, -96.48]</b>				
	03/14/24 20:30 CST		0	Flash Flood (due to Heavy Rain)
	03/14/24 23:30 CST		0	Source: Emergency Manager
Heavy rainfall caused Sandy Creek to rise out of its banks, flooding portions of Oklahoma Highway 48A near Coleman. Relayed video.				
<p>Despite a rather nebulous/non-traditional synoptic regime for severe weather (evidence of rising mid/upper-level heights), numerous organized severe thunderstorms developed across portions of western-north Texas into south-central/southeast Oklahoma from the late morning into evening of the 14th. The impetus for convective development was a trailing cold front, extending from a departing system across the Great Lakes. The combination of solar insolation beneath cold temperatures aloft yielded strong instability, and with strong magnitudes of organizing wind shear, fostered development of numerous supercell thunderstorms. While wind shear over deep layers was quite strong, low-level wind shear was rather weak, promoting a favorable environment for large hail production. Numerous large to very large hailstones were noted across the southern county warning area during the afternoon into early evening. The most impactful event was a supercell storm that impacted the community of Ada, producing reports of hail as large as six inches in diameter, and leading to significant property damage.</p>				
<b>(OK-Z004) HARPER</b>				
	03/20/24 13:37 CST		0.43M	Wildfire
	03/29/24 12:00 CST		0	
The combination of warm, dry and breezy conditions created favorable conditions for fire starts and spread.				
<b>JEFFERSON COUNTY --- 4.5 NNW GRADY [34.08, -97.70]</b>				

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	03/24/24 19:23 CST		0	Hail (1.00 in)
	03/24/24 19:23 CST		0	Source: Public

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JEFFERSON COUNTY --- 1.6 ESE RINGLING [34.17, -97.56]				
	03/24/24 19:38 CST		0	Hail (1.00 in)
	03/24/24 19:38 CST		0	Source: Trained Spotter

Relayed report via emergency management.

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MARSHALL COUNTY --- 3.9 NW OAKLAND [34.13, -96.85]				
	03/24/24 21:30 CST		0	Thunderstorm Wind (EG 56 kt)
	03/24/24 21:30 CST		0	Source: Emergency Manager

Relayed images showing multiple large (8-12-inch diameter) trees snapped. Time is radar estimated.

A powerful upper wave impacted the Southern Great Plains during the afternoon/evening of the 24th. Despite a synoptic pattern favoring organized and potentially widespread severe weather outcomes, mass return ahead of this system was paltry (low to mid-50s surface dewpoints by the mid-evening) owing to prior (highly modified) frontal intrusions across the Gulf of Mexico. Still, with marginally sufficient instability and strong wind shear, a few organized storms emerged off of a dryline across western Oklahoma into western-north Texas. The most significant (supercell) thunderstorm moved across the Red River Valley producing reports of large hail and wind damage, along with the first tornado of 2024 across the WFO Norman area.

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(OK-Z012) GARFIELD				
	03/28/24 16:16 CST		26K	Wildfire
	03/31/24 23:59 CST		0	

The combination of warm, dry and breezy conditions created favorable conditions for fire starts and spread.

### TEXAS, Western North

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FOARD COUNTY --- 0.8 NW CROWELL [33.99, -99.73]				
	03/07/24 16:37 CST		0	Hail (1.50 in)
	03/07/24 16:37 CST		0	Source: COOP Observer

Time is radar estimated.

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HARDEMAN COUNTY --- 5.5 SE QUANAH [34.25, -99.67]				
	03/07/24 17:06 CST		0	Hail (1.50 in)
	03/07/24 17:06 CST		0	Source: Public

Time is radar estimated.

A broad upper trough, centered near the Four Corners, began to approach the region during the evening of the 7th. Scattered thunderstorm development occurred ahead of a dryline positioned near the 100th meridian. Given sufficient instability and deep-layer wind shear, a few organized (supercell) thunderstorms developed. A few reports of large hail were received across western-north Texas associated with these storms.

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WILBARGER COUNTY --- 6.6 SSE SANTA ROSA LAKE DAM [33.85, -99.21]				
	03/24/24 16:27 CST		0	Tornado (EFU, L: 0.50 mi , W: 30 yd)
	03/24/24 16:27 CST		0	Source: Storm Chaser

Numerous storm chasers observed a brief tornado in southern Wilbarger County estimated to be about 2 miles west of US-183/283 and a mile or two north of the Baylor County line. No damage is known to have occurred.

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WICHITA COUNTY --- 4.3 NNW KADANE CORNER [33.90, -98.87]				
	03/24/24 17:00 CST		0	Hail (1.00 in)
	03/24/24 17:00 CST		0	Source: Public

MPing report.



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<b>WICHITA COUNTY --- 2.8 NW WICHITA FALLS [33.93, -98.53]</b>				
	03/24/24 17:34 CST	0		Hail (1.00 in)
	03/24/24 17:34 CST	0		Source: Amateur Radio
Location is approximated.				
<b>WICHITA COUNTY --- 3.5 WSW WICHITA FALLS [33.90, -98.55]</b>				
	03/24/24 17:34 CST	0		Hail (1.00 in)
	03/24/24 17:34 CST	0		Source: Public
MPing report.				
<b>WICHITA COUNTY --- 3.4 SW (SPS) SHEPPARD AFB [33.95, -98.53]</b>				
	03/24/24 17:37 CST	0		Hail (1.00 in)
	03/24/24 17:37 CST	0		Source: Public
MPing report.				
<b>WICHITA COUNTY --- WICHITA FALLS [33.91, -98.49]</b>				
	03/24/24 17:42 CST	0		Hail (1.75 in)
	03/24/24 17:42 CST	0		Source: Broadcast Media
<b>CLAY COUNTY --- DEAN [33.95, -98.35]</b>				
	03/24/24 17:55 CST	0		Hail (1.00 in)
	03/24/24 17:55 CST	0		Source: Amateur Radio
<b>CLAY COUNTY --- 5.0 NNW HENRIETTA [33.89, -98.22]</b>				
	03/24/24 18:17 CST	0		Hail (1.00 in)
	03/24/24 18:17 CST	0		Source: Public
MPing report.				
<b>CLAY COUNTY --- 11.5 SE BYERS [33.97, -98.03]</b>				
	03/24/24 18:36 CST	0		Hail (1.75 in)
	03/24/24 18:36 CST	0		Source: Public
Relayed report via amateur radio.				
<b>ARCHER COUNTY --- ARCHER CITY [33.59, -98.63]</b>				
	03/24/24 19:21 CST	0		Hail (1.00 in)
	03/24/24 19:21 CST	0		Source: Trained Spotter
Report relayed via amateur radio.				

A powerful upper wave impacted the Southern Great Plains during the afternoon/evening of the 24th. Despite a synoptic pattern favoring organized and potentially widespread severe weather outcomes, mass return ahead of this system was paltry (low to mid-50s surface dewpoints by the mid-evening) owing to prior (highly modified) frontal intrusions across the Gulf of Mexico. Still, with marginally sufficient instability and strong wind shear, a few organized storms emerged off of a dryline across western Oklahoma into western-north Texas. The most significant (supercell) thunderstorm moved across the Red River Valley producing reports of large hail and the first tornado of 2024 across the WFO Norman area.