

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>OKLAHOMA, Western, Central and Southeast</b>				
(OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z006) ALFALFA, (OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z011) MAJOR, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z014) ROGER MILLS, (OK-Z015) DEWEY, (OK-Z016) CUSTER, (OK-Z017) BLAINE, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z020) PAYNE, (OK-Z021) BECKHAM, (OK-Z022) WASHITA, (OK-Z023) CADDO, (OK-Z024) CANADIAN, (OK-Z027) GRADY, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z036) JACKSON, (OK-Z037) TILLMAN				
	05/01/23 00:00 CST	0		Drought
	05/15/23 23:59 CST	0		
Despite multiple rounds of heavy rainfall across portions of the area, severe to exceptional drought conditions persisted, especially along and west of the I-44 corridor.				
<b>TILLMAN COUNTY --- DAVIDSON [34.24, -99.08]</b>				
	05/06/23 18:13 CST	0		Hail (0.88 in)
	05/06/23 18:13 CST	0		Source: Trained Spotter
<b>TILLMAN COUNTY --- 2.1 SSW FREDERICK [34.36, -99.03]</b>				
	05/06/23 18:19 CST	0		Hail (1.75 in)
	05/06/23 18:19 CST	0		Source: Trained Spotter
<b>TILLMAN COUNTY --- 0.8 SSE FREDERICK [34.38, -99.02]</b>				
	05/06/23 18:21 CST	0		Hail (1.00 in)
	05/06/23 18:21 CST	0		Source: Public
MPing report.				
<b>TILLMAN COUNTY --- 2.1 N HOLLISTER [34.37, -98.87]</b>				
	05/06/23 18:30 CST	0		Hail (1.50 in)
	05/06/23 18:30 CST	0		Source: Fire Department/Rescue
<b>TILLMAN COUNTY --- 6.7 N HOLLISTER [34.44, -98.89]</b>				
	05/06/23 18:34 CST	0		Hail (1.00 in)
	05/06/23 18:34 CST	0		Source: Public
MPing report.				
<b>TILLMAN COUNTY --- 6.3 SE MANITOU [34.44, -98.91]</b>				
	05/06/23 18:38 CST	0		Hail (1.00 in)
	05/06/23 18:38 CST	0		Source: Public
<b>TILLMAN COUNTY --- 4.7 NE HOLLISTER [34.39, -98.82]</b>				
	05/06/23 18:39 CST	0		Hail (0.75 in)
	05/06/23 18:39 CST	0		Source: Public
MPing report.				
<b>COMANCHE COUNTY --- 4.2 S LAWTON [34.55, -98.40]</b>				
	05/06/23 19:10 CST	0		Thunderstorm Wind (MG 72 kt)
	05/06/23 19:10 CST	0		Source: Storm Chaser
A television storm chaser measured an 81 mph wind gust south of Lawton. Report location is estimated.				
<b>COMANCHE COUNTY --- 4.0 W LAWTON [34.61, -98.46]</b>				
	05/06/23 19:23 CST	0		Hail (1.00 in)
	05/06/23 19:23 CST	0		Source: Public
<b>COMANCHE COUNTY --- 0.9 NE ELGIN [34.79, -98.28]</b>				
	05/06/23 19:50 CST	0		Hail (0.75 in)
	05/06/23 19:50 CST	0		Source: Public

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MPing report.				
<b>(OK-Z044) COTTON</b>				
	05/06/23 21:10 CST		0	High Wind (MAX 53 kt)
	05/06/23 21:10 CST		0	
<b>BRYAN COUNTY --- 4.0 SW YUBA [33.77, -96.26]</b>				
	05/06/23 21:45 CST		0	Thunderstorm Wind (EG 61 kt)
	05/06/23 21:45 CST		0	Source: Fire Department/Rescue
A 3-foot diameter tree was snapped near the base and twisted. Time estimated via radar.				
A low-amplitude shortwave trough, embedded within broad southwesterly flow aloft, moved across the Southern Plains. Strong instability and sufficient wind shear lead to numerous severe thunderstorms across southwest Oklahoma. Large hail and damaging wind occurred. Strong non-thunderstorm winds were also observed across southwest into south-central Oklahoma due to the development of a wake low behind thunderstorms.				
<b>COTTON COUNTY --- 4.0 W TEMPLE [34.27, -98.30]</b>				
	05/11/23 16:20 CST		0	Hail (1.00 in)
	05/11/23 16:20 CST		0	Source: Broadcast Media
<b>COTTON COUNTY --- 4.8 W TEMPLE [34.26, -98.31]</b>				
	05/11/23 16:22 CST		0	Hail (0.75 in)
	05/11/23 16:22 CST		0	Source: Public
MPing report.				
<b>GRADY COUNTY --- 1.9 NNW NORGE [35.01, -98.02], 2.1 N NORGE [35.02, -98.00]</b>				
	05/11/23 17:25 CST		0	Tornado (EF0, L: 1.00 mi , W: 20 yd)
	05/11/23 17:26 CST		0	Source: Storm Chaser
A storm chaser south of Chickasha observed a small tornado north of Norge . No damage was observed or reported, and the tornado path is estimated. The tornado may not have been continuous along this path.				
<b>CANADIAN COUNTY --- 2.4 W MUSTANG [35.40, -97.76]</b>				
	05/11/23 17:56 CST		0	Hail (0.75 in)
	05/11/23 17:56 CST		0	Source: Public
MPing report.				
<b>GRADY COUNTY --- 4.2 S TUTTLE [35.23, -97.81], 2.0 SE TUTTLE [35.27, -97.79]</b>				
	05/11/23 17:57 CST		0	Tornado (EFU, L: 2.90 mi , W: 50 yd)
	05/11/23 18:08 CST		0	Source: Broadcast Media
Media and other storm chasers observed a tornado that moved north-northeast from about 4 miles south of Tuttle to about 2 miles southeast of Tuttle. No significant damage was reported in this area, and the specific path was estimated.				
<b>CANADIAN COUNTY --- 4.3 WNW MUSTANG [35.42, -97.79]</b>				
	05/11/23 17:59 CST		0	Hail (0.75 in)
	05/11/23 17:59 CST		0	Source: Public
MPing report.				
<b>GRADY COUNTY --- 3.1 SE BRIDGE CREEK [35.20, -97.67], 3.3 ESE BRIDGE CREEK [35.20, -97.67]</b>				
	05/11/23 18:36 CST		2K	Tornado (EF0, L: 0.26 mi , W: 30 yd)
	05/11/23 18:38 CST		0	Source: NWS Storm Survey
A tornado was observed by storm chasers touching down near the Grady-McClain County line. An NWS storm survey team found tree damage and damage to a barn along County Road 1250 just west of the McClain County line. The tornado moved north-northeast and crossed into McClain County just north of County Road 1250.				
<b>MCCLAIN COUNTY --- 4.6 N BLANCHARD [35.21, -97.67]</b>				

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/11/23 18:38 CST		2K	Tornado (EF0, L: 0.10 mi , W: 30 yd)
	05/11/23 18:38 CST		0	Source: NWS Storm Survey

This tornado moved into McClain County from Grady County. An unanchored shed was blown over and rolled just inside the McClain County line before the tornado dissipated.

### MCCLAIN COUNTY --- 4.1 SW NEWCASTLE [35.21, -97.65], 2.2 SSW NEWCASTLE [35.22, -97.62]

	05/11/23 18:42 CST		5K	Tornado (EF0, L: 2.10 mi , W: 30 yd)
	05/11/23 18:49 CST		0	Source: NWS Storm Survey

A few minutes after the tornado near the Grady-McClain County line dissipated, another tornado was observed to develop moving from just south of the intersection of State Highway 76 and the H.E. Bailey Turnpike Spur in far northern Blanchard, east-northeast into the southwest edge of Newcastle. At least two homes suffered damage to shingles, and a few trees were damaged along path.

### GRADY COUNTY --- 2.0 NNW RUSH SPRINGS [34.81, -97.97]

	05/11/23 18:45 CST		0	Tornado (EFU, L: 0.20 mi , W: 20 yd)
	05/11/23 18:45 CST		0	Source: Storm Chaser

A few spotters and chasers observed a brief tornado estimated to be 2 miles north-northwest of Rush Springs. No damage was reported.

### GRADY COUNTY --- 7.0 NE ALEX [34.99, -97.70], 7.2 SSE MIDDLEBERG [35.02, -97.69]

	05/11/23 19:04 CST		0	Tornado (EF0, L: 1.50 mi , W: 75 yd)
	05/11/23 19:07 CST		0	Source: NWS Storm Survey

Storm chasers reported a tornado that touched down in Grady County to the southwest of Dibble. Some tree damage was observed on County Street 2980.

### MCCLAIN COUNTY --- 2.1 W DIBBLE [35.03, -97.67], 1.8 W DIBBLE [35.03, -97.66]

	05/11/23 19:12 CST		0	Tornado (EF0, L: 0.40 mi , W: 30 yd)
	05/11/23 19:13 CST		0	Source: NWS Storm Survey

Tree damage was noted along 220th Street to the west of Dibble by a tornado.

### MCCLAIN COUNTY --- 2.7 SW COLE [35.07, -97.60], 0.9 W GOLDSBY [35.15, -97.50]

	05/11/23 19:29 CST		0.10M	Tornado (EF1, L: 9.40 mi , W: 250 yd)
	05/11/23 19:59 CST		0	Source: NWS Storm Survey

A tornado was observed by many spotters and storm chasers moving from southwest of Cole to Goldsby, remaining to the south of the damage path of the large EF3 tornado that affected Cole on April 19. This tornado was a multiple vortex tornado at times, developing initially 2 miles southwest of the center of Cole and move east-northeast through the southern portion of Cole producing tree and roof damage, including removing a large section of roof to a home just east of the Cole city limits. The tornado turned northeast towards Goldsby continuing to produce tree and roof damage. At the end of the path in Goldsby, the tornado took a hard left and moved northwest for the final half-mile dissipating just northwest of NW 12 th Avenue and Center Road, crossing the damage path from the February 26 Goldsby-Norman Tornado along Center Road.

### CLEVELAND COUNTY --- 0.6 W MOORE [35.34, -97.50]

	05/11/23 19:37 CST		0	Hail (1.25 in)
	05/11/23 19:37 CST		0	Source: Trained Spotter

### CLEVELAND COUNTY --- 1.1 W NOBLE [35.14, -97.41], 1.5 NE NOBLE [35.16, -97.37]

	05/11/23 20:03 CST		0.20M	Tornado (EF1, L: 2.25 mi , W: 300 yd)
	05/11/23 20:13 CST		0	Source: NWS Storm Survey

This tornado developed in the Canadian River valley just to the west of Noble, then move east and northeast through the north side of town before dissipating southwest of the intersection of 48th Street and Post Oak Road. The most significant damage was just north of Highway 77 and Etowah Road where homes and businesses had significant roof damage.

### CLEVELAND COUNTY --- 5.2 WSW LAKE THUNDERBIRD DAM [35.18, -97.30]

	05/11/23 20:33 CST		10K	Tornado (EF0, L: 0.20 mi , W: 25 yd)
	05/11/23 20:33 CST		0	Source: Broadcast Media

Media and other storm chasers and storm spotters observed a brief tornado in southeast Norman. Windows were broken and shingles were damaged on a mobile home near 96th Avenue SE to the south of State Highway 9.

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>POTTAWATOMIE COUNTY --- 2.6 SW PEARSON [35.05, -96.95], 2.4 SW PEARSON [35.05, -96.95]</b>				
	05/11/23 20:47 CST	0		Tornado (EFU, L: 0.21 mi , W: 50 yd)
	05/11/23 20:48 CST	0		Source: Emergency Manager
Pottawatomie County storm spotters observed a brief tornado about 4 miles north- northwest of Asher, or about 2.5 miles southwest of Pearson. No damage was reported and the specific path is estimated.				
<b>CLEVELAND COUNTY --- 2.1 SSE NOBLE [35.11, -97.38]</b>				
	05/11/23 21:00 CST	0		Hail (1.00 in)
	05/11/23 21:00 CST	0		Source: Trained Spotter
<b>CLEVELAND COUNTY --- 2.9 NW NOBLE [35.17, -97.42]</b>				
	05/11/23 21:04 CST	0		Hail (0.75 in)
	05/11/23 21:04 CST	0		Source: Public
MPing report.				
<b>SEMINOLE COUNTY --- 0.7 N BOWLEGS [35.16, -96.67]</b>				
	05/11/23 21:09 CST	0		Hail (1.00 in)
	05/11/23 21:09 CST	0		Source: Emergency Manager
<b>POTTAWATOMIE COUNTY --- 2.4 W MAUD [35.13, -96.82], 2.4 NW MAUD [35.15, -96.81]</b>				
	05/11/23 21:16 CST	0		Tornado (EF0, L: 1.70 mi , W: 300 yd)
	05/11/23 21:21 CST	0		Source: NWS Storm Survey
Television storm chasers observed a tornado west of Maud . An NWS storm survey team observed EF0 tree damage, although this tornado was likely stronger than EF0.				
<b>PONTOTOC COUNTY --- 1.4 N STONEWALL [34.67, -96.53]</b>				
	05/11/23 22:03 CST	0		Hail (1.00 in)
	05/11/23 22:03 CST	0		Source: Emergency Manager
<b>A deepening upper/low pressure system slowly approached portions of the Central Plains on the 11th. Combined with increasing instability and wind shear, a favorable environment for severe weather (capable of producing all severe hazards) developed across much of western into central Oklahoma on the evening of the 11th. Numerous supercell thunderstorms developed and produced twelve tornadoes and large hail across portions of these areas.</b>				
<b>GRADY COUNTY --- 2.0 NNW RUSH SPRINGS [34.81, -97.97]</b>				
	05/12/23 14:36 CST	0		Hail (1.00 in)
	05/12/23 14:36 CST	0		Source: Public
MPing report.				
<b>GRADY COUNTY --- 2.1 NNW RUSH SPRINGS [34.81, -97.97]</b>				
	05/12/23 14:41 CST	0		Hail (1.00 in)
	05/12/23 14:41 CST	0		Source: Trained Spotter
<b>GRADY COUNTY --- 1.2 E ACME [34.80, -98.00]</b>				
	05/12/23 15:07 CST	0		Hail (0.75 in)
	05/12/23 15:07 CST	0		Source: Public
MPing report.				
<b>GRADY COUNTY --- 3.2 SSE AGAWAM [34.83, -97.93]</b>				
	05/12/23 15:56 CST	0		Hail (0.75 in)
	05/12/23 15:56 CST	0		Source: Public
MPing report.				
<b>GRADY COUNTY --- 1.5 SE AGAWAM [34.85, -97.93]</b>				

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/12/23 16:04 CST		0	Hail (0.75 in)
	05/12/23 16:04 CST		0	Source: Public

MPing report.

---

### GRADY COUNTY --- 1.8 SE AGAWAM [34.85, -97.93]

	05/12/23 16:06 CST		0	Hail (1.00 in)
	05/12/23 16:06 CST		0	Source: Public

MPing report.

---

### CANADIAN COUNTY --- 0.7 S OKARCHE [35.72, -97.98]

	05/12/23 16:49 CST		0	Hail (1.00 in)
	05/12/23 16:49 CST		0	Source: Public

MPing report.

---

### KINGFISHER COUNTY --- 3.9 W OKARCHE [35.73, -98.05]

	05/12/23 16:52 CST		0	Hail (1.00 in)
	05/12/23 16:52 CST		0	Source: Broadcast Media

---

### KINGFISHER COUNTY --- OKARCHE [35.73, -97.98]

	05/12/23 16:53 CST		0	Hail (1.50 in)
	05/12/23 16:53 CST		0	Source: Public

MPing report.

---

### CANADIAN COUNTY --- 1.4 SSE OKARCHE [35.71, -97.97]

	05/12/23 16:56 CST		0	Hail (1.50 in)
	05/12/23 16:56 CST		0	Source: Public

MPing report.

---

### KINGFISHER COUNTY --- OKARCHE [35.73, -97.98]

	05/12/23 16:57 CST		0	Hail (2.00 in)
	05/12/23 16:57 CST		0	Source: Public

MPing report.

---

### KAY COUNTY --- 2.4 NE PONCA CITY [36.73, -97.05]

	05/12/23 17:10 CST		0	Hail (1.75 in)
	05/12/23 17:10 CST		0	Source: Public

MPing report.

---

### KAY COUNTY --- PONCA CITY [36.70, -97.08]

	05/12/23 17:10 CST		0	Hail (1.75 in)
	05/12/23 17:10 CST		0	Source: Public

Photo relayed via social media.

---

### KAY COUNTY --- 1.2 ENE (PNC)PONCA CITY ARPT [36.74, -97.08]

	05/12/23 17:14 CST		0	Hail (1.25 in)
	05/12/23 17:14 CST		0	Source: Public

MPing report.

---

### KAY COUNTY --- 2.6 ENE (PNC)PONCA CITY ARPT [36.75, -97.06]

	05/12/23 17:15 CST		0	Hail (1.00 in)
	05/12/23 17:15 CST		0	Source: Public

MPing report.

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>KINGFISHER COUNTY --- 1.0 NE OKARCHE [35.74, -97.97]</b>				
	05/12/23 17:22 CST	0		Hail (2.50 in)
	05/12/23 17:22 CST	0		Source: Public
MPing report.				
<b>KINGFISHER COUNTY --- 2.1 N OKARCHE [35.76, -97.98]</b>				
	05/12/23 17:27 CST	0		Hail (2.50 in)
	05/12/23 17:27 CST	0		Source: Broadcast Media
<b>KAY COUNTY --- 1.1 E PONCA CITY [36.70, -97.06]</b>				
	05/12/23 17:42 CST	0		Hail (2.00 in)
	05/12/23 17:42 CST	0		Source: Public
Photo relayed via social media.				
<b>KAY COUNTY --- 2.7 WSW KILDARE [36.80, -97.10]</b>				
	05/12/23 17:49 CST	0		Hail (0.75 in)
	05/12/23 17:49 CST	0		Source: Public
MPing report.				
<b>KAY COUNTY --- 5.6 W (PNC)PONCA CITY ARPT [36.74, -97.20]</b>				
	05/12/23 17:51 CST	0		Hail (1.00 in)
	05/12/23 17:51 CST	0		Source: Public
MPing report.				
<b>KINGFISHER COUNTY --- 4.9 S LOYAL [35.90, -98.12]</b>				
	05/12/23 18:06 CST	0		Hail (1.75 in)
	05/12/23 18:06 CST	0		Source: Public
MPing report.				
<b>KINGFISHER COUNTY --- 3.9 S LOYAL [35.91, -98.12]</b>				
	05/12/23 18:10 CST	0		Hail (2.75 in)
	05/12/23 18:10 CST	0		Source: Public
MPing report.				
<b>KINGFISHER COUNTY --- 4.2 S LOYAL [35.91, -98.12]</b>				
	05/12/23 18:22 CST	0		Hail (2.50 in)
	05/12/23 18:22 CST	0		Source: Broadcast Media
<b>KAY COUNTY --- TONKAWA [36.68, -97.31]</b>				
	05/12/23 19:03 CST	0		Hail (1.75 in)
	05/12/23 19:03 CST	0		Source: Emergency Manager
<b>KAY COUNTY --- 2.0 SW TONKAWA [36.66, -97.34]</b>				
	05/12/23 19:06 CST	0		Tornado (EF0, L: 0.30 mi , W: 10 yd)
	05/12/23 19:07 CST	0		Source: Storm Chaser
A number of spotters and chasers observed this tornado estimated to be about 2 miles southwest of Tonkawa. Some light tree damage was reported.				
<b>KAY COUNTY --- TONKAWA [36.68, -97.31]</b>				
	05/12/23 19:24 CST	0		Hail (2.00 in)
	05/12/23 19:24 CST	0		Source: Trained Spotter
<b>LOGAN COUNTY --- 0.4 ESE CRESCENT [35.95, -97.59]</b>				

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/12/23 21:10 CST		0	Hail (0.75 in)
	05/12/23 21:10 CST		0	Source: Public

MPing report.

### LOGAN COUNTY --- 2.3 ENE CRESCENT [35.96, -97.56]

05/12/23 22:38 CST	0	Hail (1.00 in)
05/12/23 22:38 CST	0	Source: Public

MPing report.

### KINGFISHER COUNTY --- 0.6 E KINGFISHER [35.86, -97.92]

05/12/23 22:40 CST	0	Hail (1.00 in)
05/12/23 22:40 CST	0	Source: Public

MPing report.

### KINGFISHER COUNTY --- 8.4 S OMEGA [35.75, -98.18]

05/12/23 22:49 CST	0	Hail (1.00 in)
05/12/23 22:49 CST	0	Source: Public

MPing report.

### KINGFISHER COUNTY --- 0.7 WNW KINGFISHER [35.86, -97.94], 0.5 NE KINGFISHER [35.86, -97.92], 0.6 SSE KINGFISHER [35.85, -97.93], 1.1 SW KINGFISHER [35.85, -97.95]

05/12/23 23:09 CST	20K	Flash Flood (due to Heavy Rain)
05/13/23 02:09 CST	0	Source: Broadcast Media

Report of stalled vehicles in flood-prone areas around Kingfisher.

Scattered strong to severe thunderstorms developed from border-to-border in the forecast area, along a cold front that extended from the West Texas Plains into Missouri River Valley. Supportive magnitudes of instability and wind shear allowed for all severe hazards to be observed. In addition to large hail and damaging winds with the strongest storms, a well-documented tornado occurred near Tonkawa in Kay County, OK.

### CLEVELAND COUNTY --- 2.2 WNW (OUN)NORMAN WESTHEIMER ARPT [35.27, -97.50]

05/13/23 01:28 CST	0	Hail (0.75 in)
05/13/23 01:28 CST	0	Source: Public

MPing report.

### GRADY COUNTY --- 1.7 SSW CHICKASHA ARPT [35.06, -97.98]

05/13/23 14:18 CST	0	Tornado (EF0, L: 0.10 mi , W: 20 yd)
05/13/23 14:18 CST	0	Source: Storm Chaser

Storm chasers observed a tornado estimated to have been just south of the Chickasha airport. No damage is known to have occurred.

### GRADY COUNTY --- 2.4 N CHICKASHA ARPT [35.11, -97.96]

05/13/23 14:26 CST	0	Thunderstorm Wind (EG 70 kt)
05/13/23 14:26 CST	0	Source: Emergency Manager

A power pole was damaged along US-81 just north of the Chickasha airport. Some damage to outbuildings was also reported near US-81 and 4-mile Road.

### GRADY COUNTY --- 0.9 E POCASSET [35.19, -97.94], 3.5 NE POCASSET [35.22, -97.90]

05/13/23 14:40 CST	0	Thunderstorm Wind (EG 70 kt)
05/13/23 14:45 CST	0	Source: Emergency Manager

An area of wind damage was reported from about a mile east of Pocasset to about 3.5 miles northeast of Pocasset. One house east of Pocasset has broken windows and porch pillars. At least two barns were damaged in this area.

### OKLAHOMA COUNTY --- (PWA)WILEY POST APT [35.53, -97.65]

05/13/23 15:45 CST	0	Thunderstorm Wind (MG 57 kt)
05/13/23 15:45 CST	0	Source: ASOS

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>OKLAHOMA COUNTY --- 2.1 NNE (PWA)WILEY POST APT [35.56, -97.64]</b>				
	05/13/23 15:48 CST		5K	Thunderstorm Wind (EG 56 kt)
	05/13/23 15:48 CST		0	Source: Trained Spotter
A row of power poles were blown down near the intersection of Northwest Expressway and Rockwell Ave. Time is estimated via radar.				
<b>OKLAHOMA COUNTY --- 2.8 NNW (PWA)WILEY POST APT [35.57, -97.66]</b>				
	05/13/23 15:51 CST		0	Hail (1.25 in)
	05/13/23 15:51 CST		0	Source: Public
<b>OKLAHOMA COUNTY --- 5.8 NW THE VILLAGE [35.63, -97.62]</b>				
	05/13/23 15:59 CST		0	Hail (1.00 in)
	05/13/23 15:59 CST		0	Source: Public
MPing report.				
<b>OKLAHOMA COUNTY --- 3.9 W EDMOND [35.65, -97.55]</b>				
	05/13/23 16:01 CST		0	Hail (1.50 in)
	05/13/23 16:01 CST		0	Source: Public
Photo relayed via social media.				
<b>OKLAHOMA COUNTY --- 4.2 WSW EDMOND [35.63, -97.55]</b>				
	05/13/23 16:06 CST		0	Hail (1.50 in)
	05/13/23 16:06 CST		0	Source: Public
MPing report.				
<b>OKLAHOMA COUNTY --- 4.3 W EDMOND [35.66, -97.56]</b>				
	05/13/23 16:08 CST		0	Hail (1.25 in)
	05/13/23 16:08 CST		0	Source: Public
MPing report.				
<b>OKLAHOMA COUNTY --- 2.2 SW EDMOND [35.63, -97.51]</b>				
	05/13/23 16:16 CST		0	Hail (1.25 in)
	05/13/23 16:16 CST		0	Source: Public
Photo relayed via social media.				
<b>PAYNE COUNTY --- 2.6 ESE LAKE CARL BLACKWELL DAM [36.12, -97.15]</b>				
	05/13/23 17:40 CST		0	Thunderstorm Wind (EG 50 kt)
	05/13/23 17:40 CST		0	Source: Trained Spotter
Tree limbs blown down onto portions of Highway 51 west of Peacan Valley Dr.				
<b>PAYNE COUNTY --- 0.6 W STILLWATER [36.12, -97.07]</b>				
	05/13/23 17:42 CST		0	Thunderstorm Wind (EG 50 kt)
	05/13/23 17:42 CST		0	Source: NWS Employee
Numerous 2+ inch diameter tree limbs blown down across portions of the Oklahoma State University campus.				
<b>PAYNE COUNTY --- (SWO)STILLWATER AIRPORT [36.16, -97.09]</b>				
	05/13/23 18:00 CST		0	Thunderstorm Wind (MG 53 kt)
	05/13/23 18:00 CST		0	Source: ASOS
<b>PAYNE COUNTY --- 4.7 WSW QUAY [36.13, -96.78], 1.6 NNW YALE [36.13, -96.71], 1.7 SSW YALE [36.09, -96.71], 5.0 WSW YALE [36.09, -96.78]</b>				
	05/13/23 19:12 CST		0	Flash Flood (due to Heavy Rain)
	05/13/23 22:12 CST		0	Source: Emergency Manager



## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

Multiple roads with water covering them (up to 1-foot in spots).

Some severe and flood hazard, associated with convection from the 12th, lingered into the early morning hours of the 13th. By the afternoon, a few scattered storms developed in the vicinity of a remnant mesoscale convective vortex (MCV) as it translated across southwest into north-central Oklahoma. This convection produced a few reports of wind damage, large hail, and a brief (weak) tornado across portions of central Oklahoma.

**SEMINOLE COUNTY --- 1.6 NW SEMINOLE [35.25, -96.70], 2.3 ENE SEMINOLE [35.25, -96.64], 2.3 ESE SEMINOLE [35.22, -96.64], 1.6 WSW SEMINOLE [35.22, -96.70]**

05/15/23 08:34 CST	10K	Flash Flood (due to Heavy Rain)
05/15/23 11:34 CST	0	Source: Emergency Manager

Numerous streets flooded due to heavy rainfall.

**SEMINOLE COUNTY --- 0.6 NE SEMINOLE [35.24, -96.67], 0.5 E SEMINOLE [35.23, -96.67], 1.5 E SEMINOLE [35.23, -96.65], 1.6 ENE SEMINOLE [35.24, -96.65]**

05/15/23 10:54 CST	10K	Flood (due to Heavy Rain)
05/15/23 13:54 CST	0	Source: Emergency Manager

Strother Street, east of Main Street, closed due to continued flooding/water across the roadway.

Widespread, mostly sub-severe convection, developed on the periphery of a low-pressure center as it traversed across portions of the Ozarks. Localized heavy rainfall across eastern Oklahoma lead to an instance of flash flooding near Seminole, OK.

**(OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z006) ALFALFA, (OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z011) MAJOR, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z014) ROGER MILLS, (OK-Z015) DEWEY, (OK-Z016) CUSTER, (OK-Z017) BLAINE, (OK-Z018) KINGFISHER, (OK-Z021) BECKHAM, (OK-Z022) WASHITA, (OK-Z023) CADDO, (OK-Z024) CANADIAN, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z036) JACKSON, (OK-Z037) TILLMAN**

05/16/23 00:00 CST	0	Drought
05/31/23 23:59 CST	0	

Despite multiple rounds of heavy rainfall across portions of the area, severe to exceptional drought conditions persisted, especially along and west of the I-44 corridor.

**BLAINE COUNTY --- 3.5 S GEARY [35.58, -98.33]**

05/19/23 11:35 CST	0	Tornado (EF0, L: 0.10 mi , W: 10 yd)
05/19/23 11:35 CST	0	Source: Storm Chaser

A storm chaser observed a landspout tornado while driving on Interstate 40 just west of the Caddo-Canadian County line with a photo shared on social media. This appears to be associated with an echo of radar reflectivity of less than 5 dBZ. No damage was reported. The location is estimated but believed to be within 1 or 2 miles based on geolocation of the photograph.

**BRYAN COUNTY --- BOKCHITO [34.02, -96.14]**

05/19/23 16:30 CST	0	Hail (1.50 in)
05/19/23 16:30 CST	0	Source: Broadcast Media

Relayed photo from social media.

As a shortwave trough (and associated area of low pressure) advanced towards the Ozarks, widespread convection developed across eastern into southeastern Oklahoma. This included a severe thunderstorm that produced large hail across eastern Bryan County, Oklahoma. A landspout-type tornado developed along the advancing surface front, not associated with any discernable radar reflectivity or velocity signature, on the western edge of the Oklahoma City Metropolitan area.

**ELLIS COUNTY --- 8.8 WSW ARNETT [36.07, -99.90]**

05/31/23 00:20 CST	0	Thunderstorm Wind (MG 51 kt)
05/31/23 00:20 CST	0	Source: Mesonet

**ELLIS COUNTY --- 8.8 WSW ARNETT [36.07, -99.90]**

05/31/23 00:35 CST	0	Thunderstorm Wind (MG 52 kt)
05/31/23 00:35 CST	0	Source: Mesonet

**CADDO COUNTY --- 6.9 W HINTON [35.48, -98.48]**

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/31/23 17:00 CST		0	Thunderstorm Wind (MG 51 kt)
	05/31/23 17:00 CST		0	Source: Mesonet

---

**CADDO COUNTY --- 6.9 W HINTON [35.48, -98.48]**

	05/31/23 17:05 CST		0	Thunderstorm Wind (MG 50 kt)
	05/31/23 17:05 CST		0	Source: Mesonet

---

**CADDO COUNTY --- 6.9 W HINTON [35.48, -98.48]**

	05/31/23 17:10 CST		0	Thunderstorm Wind (MG 56 kt)
	05/31/23 17:10 CST		0	Source: Mesonet

An overnight storm complex moved across portions far western Oklahoma, producing a period of severe wind gusts near Arnett, OK. By the daytime, convection developed across central into northern Oklahoma on weak surfaces boundaries across the area. Severe-caliber wind gusts occurred with a semi-organized storm in northern Caddo County, Oklahoma.

### TEXAS, Western North

---

**(TX-Z083) HARDEMAN**

	05/01/23 00:00 CST		0	Drought
	05/31/23 23:59 CST		0	

Despite multiple rounds of heavy rainfall across portions of the area, severe to exceptional drought conditions persisted across the eastern Texas Caprock into portions of western-north Texas.

---

**WICHITA COUNTY --- 4.1 WSW WICHITA FALLS [33.89, -98.56]**

	05/03/23 09:43 CST		0	Hail (0.75 in)
	05/03/23 09:43 CST		0	Source: Public

MPing report.

---

**WICHITA COUNTY --- PLEASANT VALLEY [33.94, -98.60]**

	05/03/23 10:07 CST		0	Hail (0.88 in)
	05/03/23 10:07 CST		0	Source: Public

A weak shortwave trough, combined with favorable instability and marginally supportive wind shear, lead to the development of strong thunderstorms across portions of western-north Texas. Small hail was observed with a thunderstorm in Wichita County.

---

**FOARD COUNTY --- 2.8 S CROWELL [33.94, -99.72]**

	05/04/23 15:34 CST		0	Hail (1.75 in)
	05/04/23 15:34 CST		0	Source: Storm Chaser

---

**BAYLOR COUNTY --- 3.1 SW SEYMOUR MUNI ARPT [33.62, -99.30]**

	05/04/23 15:55 CST		0	Thunderstorm Wind (EG 56 kt)
	05/04/23 15:55 CST		0	Source: Storm Chaser

A storm chaser reported that powerlines were down near this location.

---

**BAYLOR COUNTY --- 3.1 SW SEYMOUR MUNI ARPT [33.62, -99.30]**

	05/04/23 15:55 CST		0	Thunderstorm Wind (MG 55 kt)
	05/04/23 15:55 CST		0	Source: Mesonet

---

**CLAY COUNTY --- 0.6 N BELLEVUE [33.64, -98.02]**

	05/04/23 18:06 CST		0	Tornado (EF0, L: 0.10 mi , W: 20 yd)
	05/04/23 18:06 CST		0	Source: Storm Chaser

Two independent storm chasers got video of a small, brief tornado near US Highway 287 on the northwest side of Bellevue. No damage was reported.

A northward extending subtropical jet fostered widespread thunderstorm development across the forecast area, generally along and south of I-40. Across western-north Texas, where higher magnitudes of instability and wind shear existed, a few supercell storms formed and produced reports of severe hail and wind. A brief tornado also occurred near the town of Bellevue, Texas in Clay County.

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>KNOX COUNTY --- BENJAMIN [33.58, -99.79]</b>				
	05/06/23 16:45 CST		0	Hail (1.50 in)
	05/06/23 16:45 CST		0	Source: Law Enforcement
<b>KNOX COUNTY --- BENJAMIN [33.58, -99.79]</b>				
	05/06/23 16:48 CST		5K	Thunderstorm Wind (EG 56 kt)
	05/06/23 16:48 CST		0	Source: Law Enforcement
Report of trees and signs blown down in Benjamin. Time estimated via radar.				
<b>KNOX COUNTY --- 2.3 ENE GILLILAND [33.75, -99.65]</b>				
	05/06/23 17:01 CST		0	Hail (0.75 in)
	05/06/23 17:01 CST		0	Source: Public
MPing report.				
<b>BAYLOR COUNTY --- 4.3 WNW SEYMOUR MUNI ARPT [33.67, -99.33]</b>				
	05/06/23 17:05 CST		0	Hail (1.75 in)
	05/06/23 17:05 CST		0	Source: Emergency Manager
Hailfall began ~30 minutes prior (1635 CST) to report time.				
<b>ARCHER COUNTY --- 2.7 ENE LAKE KICKAPOO DAM [33.68, -98.74]</b>				
	05/06/23 17:22 CST		0	Hail (1.00 in)
	05/06/23 17:22 CST		0	Source: Trained Spotter
<b>ARCHER COUNTY --- MANKINS [33.78, -98.80]</b>				
	05/06/23 17:35 CST		0	Hail (0.88 in)
	05/06/23 17:35 CST		0	Source: Trained Spotter
<b>WICHITA COUNTY --- 0.9 SW (SPS)SHEPPARD AFB [33.98, -98.50]</b>				
	05/06/23 18:07 CST		0	Thunderstorm Wind (MG 51 kt)
	05/06/23 18:07 CST		0	Source: ASOS
<b>WICHITA COUNTY --- 2.1 SSE WICHITA FALLS [33.88, -98.48]</b>				
	05/06/23 18:10 CST		5K	Thunderstorm Wind (EG 61 kt)
	05/06/23 18:10 CST		0	Source: Trained Spotter
Canopy blown down at Clinics of North Texas building. Time estimated via radar.				
<b>KNOX COUNTY --- 0.2 SSE KNOX CITY [33.42, -99.82]</b>				
	05/06/23 18:14 CST		0	Hail (0.75 in)
	05/06/23 18:14 CST		0	Source: Public
MPing report.				
<b>(TX-Z088) BAYLOR</b>				
	05/06/23 18:46 CST		0	High Wind (MAX 51 kt)
	05/06/23 18:46 CST		0	
<b>ARCHER COUNTY --- 1.1 NW WINDTHORST [33.59, -98.45], 1.5 NE WINDTHORST [33.59, -98.42], 1.6 SE WINDTHORST [33.56, -98.42], 1.3 SSW WINDTHORST [33.56, -98.45]</b>				
	05/06/23 18:59 CST		10K	Flash Flood (due to Heavy Rain)
	05/06/23 22:00 CST		0	Source: Public
Vehicles stranded near Windthorst.				
<b>A low-amplitude shortwave trough, embedded within broad southwesterly flow aloft, moved across the Southern Plains on the 6th. Strong instability and sufficient wind shear lead to numerous severe thunderstorms across western-north Texas. A few reports of large hail and damaging wind occurred. Strong non-thunderstorm winds were also observed due to the development of a wake low</b>				

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>behind thunderstorm activity.</b>				
<b>KNOX COUNTY --- BENJAMIN [33.58, -99.79]</b>				
	05/07/23 17:50 CST		0	Hail (1.25 in)
	05/07/23 17:50 CST		0	Source: Law Enforcement
<b>KNOX COUNTY --- BENJAMIN [33.58, -99.79]</b>				
	05/07/23 17:50 CST		0	Thunderstorm Wind (EG 61 kt)
	05/07/23 17:50 CST		0	Source: Law Enforcement
Estimated wind gust.				
<b>KNOX COUNTY --- 4.0 WNW BENJAMIN [33.59, -99.86], 2.6 WNW BENJAMIN [33.59, -99.83], 2.4 W BENJAMIN [33.58, -99.83], 3.8 W BENJAMIN [33.58, -99.86]</b>				
	05/07/23 17:57 CST		0	Flash Flood (due to Heavy Rain)
	05/07/23 20:57 CST		0	Source: Law Enforcement
Heavy rainfall caused flooding along portions of Texas State Highway 82 and adjacent portions of CR 1115 North west of Benjamin.				
<b>KNOX COUNTY --- BENJAMIN [33.58, -99.79]</b>				
	05/07/23 18:25 CST		0	Hail (1.75 in)
	05/07/23 18:25 CST		0	Source: Law Enforcement
<b>(TX-Z086) WICHITA, (TX-Z088) BAYLOR</b>				
	05/07/23 18:48 CST		0	High Wind (MAX 52 kt)
	05/07/23 19:30 CST		0	
<b>KNOX COUNTY --- 2.7 E KNOX CITY [33.42, -99.77]</b>				
	05/07/23 18:56 CST		0	Hail (1.00 in)
	05/07/23 18:56 CST		0	Source: Public
MPing report.				
<b>KNOX COUNTY --- 0.6 NNW BENJAMIN [33.59, -99.80], 0.5 NNE BENJAMIN [33.59, -99.79], 0.2 ESE BENJAMIN [33.58, -99.79], 0.3 W BENJAMIN [33.58, -99.80]</b>				
	05/07/23 19:00 CST		10K	Flash Flood (due to Heavy Rain)
	05/07/23 22:00 CST		0	Source: Fire Department/Rescue
Significant yard flooding reported, with water nearing porches of houses. 3 to 4 inches of water was flowing over the road near the intersection of Texas State Highways 82 and 6.				
<b>KNOX COUNTY --- BENJAMIN [33.58, -99.79]</b>				
	05/07/23 19:24 CST		0	Hail (1.50 in)
	05/07/23 19:24 CST		0	Source: Public
Hailfall likely occurred prior to report (1915-1920 CST).				
<b>A subtle/low-amplitude trough helped to trigger scattered strong to severe storms across western-north Texas/far southwest Oklahoma on the 7th. A few reports of damaging wind and large hail were noted. Repeated rounds of heavy rainfall across portions of Knox County, Texas lead to reports of flash flooding.</b>				
<b>KNOX COUNTY --- 4.8 N GOREE [33.54, -99.52]</b>				
	05/12/23 15:56 CST		0	Hail (2.25 in)
	05/12/23 15:56 CST		0	Source: Trained Spotter
Relayed via social media.				
<b>BAYLOR COUNTY --- 3.7 WSW RED SPRINGS [33.59, -99.47]</b>				
	05/12/23 16:30 CST		0	Hail (1.50 in)
	05/12/23 16:30 CST		0	Source: Emergency Manager

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>BAYLOR COUNTY --- MABELLE [33.67, -99.13]</b>				
	05/12/23 17:46 CST	0		Hail (1.75 in)
	05/12/23 17:46 CST	0		Source: Storm Chaser
Relayed via social media. Hailfall likely occurred prior to report (1720-1730 CST).				
<b>KNOX COUNTY --- 1.8 SE TRUSCOTT [33.73, -99.79]</b>				
	05/12/23 18:44 CST	0		Thunderstorm Wind (MG 52 kt)
	05/12/23 18:44 CST	0		Source: Mesonet
Heat burst event.				
<b>ARCHER COUNTY --- 3.6 SW ARCHER CITY [33.55, -98.67]</b>				
	05/12/23 19:03 CST	0		Hail (1.75 in)
	05/12/23 19:03 CST	0		Source: Public
Scattered strong to severe thunderstorms developed from border-to-border in the forecast area, along a cold front that extended from the West Texas Plains into Missouri River Valley. Supportive magnitudes of instability and wind shear allowed for reports of damaging winds and large hail in the strongest storms.				
<b>CLAY COUNTY --- 4.9 SW BLUEGROVE [33.63, -98.30]</b>				
	05/18/23 16:46 CST	0		Hail (0.88 in)
	05/18/23 16:46 CST	0		Source: Emergency Manager
Widespread convection, fostered by a subtropical shortwave trough, developed from the High Plains into western-north Texas during the afternoon of the 18th. Sub-severe hail was reported with a storm across portions of Clay County, Texas.				
<b>KNOX COUNTY --- GOREE [33.47, -99.52]</b>				
	05/23/23 18:28 CST	0		Hail (1.75 in)
	05/23/23 18:28 CST	0		Source: 911 Call Center
<b>KNOX COUNTY --- 0.1 ENE KNOX CITY [33.42, -99.82]</b>				
	05/23/23 21:32 CST	0		Hail (0.75 in)
	05/23/23 21:32 CST	0		Source: Public
MPing report.				
<b>BAYLOR COUNTY --- 2.2 SW SEYMOUR MUNI ARPT [33.63, -99.29]</b>				
	05/23/23 22:10 CST	0		Thunderstorm Wind (MG 59 kt)
	05/23/23 22:10 CST	0		Source: Mesonet
<b>BAYLOR COUNTY --- 2.2 SW SEYMOUR MUNI ARPT [33.63, -99.29]</b>				
	05/23/23 22:15 CST	0		Thunderstorm Wind (MG 66 kt)
	05/23/23 22:15 CST	0		Source: Mesonet
Despite broad upper ridging across the Southern Plains, weak disturbances moved across the High Plains during the early evening hours of the 23rd, initiating widespread convection (some severe). Favorable wind shear and instability was in place for organized thunderstorm modes, with a supercell producing large hail across portions of southern Knox County, Texas. By the late evening, a linear complex of storms moved from the Texas Caprock across portions of western-north Texas, producing damaging wind gusts.				