

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central and Southeast				
(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-Z021) BECKHAM, (OK-Z022) WASHITA, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z036) JACKSON				
	06/01/23 00:00 CST		0	Drought
	06/19/23 23:59 CST		0	
Areas of severe to exceptional drought persisted from western into northern Oklahoma through the middle of June.				
CLEVELAND COUNTY --- 0.6 E MOORE [35.34, -97.48]				
	06/01/23 15:58 CST		0	Thunderstorm Wind (EG 56 kt)
	06/01/23 15:58 CST		0	Source: Public
Social media image showing a large tree, approximately 1-2 feet in diameter, uprooted. Time is radar estimated.				
CLEVELAND COUNTY --- 0.7 N MOORE [35.35, -97.49]				
	06/01/23 15:58 CST		0	Thunderstorm Wind (EG 52 kt)
	06/01/23 15:58 CST		0	Source: Public
Small tree limbs broken. Time is radar estimated.				
GARFIELD COUNTY --- 1.3 WNW (WDG) WOODRING ARPT [36.39, -97.81]				
	06/01/23 16:45 CST		10K	Thunderstorm Wind (EG 61 kt)
	06/01/23 16:45 CST		0	Source: Emergency Manager
A large barn collapsed due to thunderstorm wind. Time is radar estimated.				
Despite the presence of broad upper ridging, an extension of the subtropical jet stream across the Southern Plains fostered widespread (mostly sub-severe) convection across the forecast area. A few damaging wind reports were received associated with the strongest storms.				
JEFFERSON COUNTY --- 1.0 N RINGLING [34.19, -97.59]				
	06/02/23 22:15 CST		0	Thunderstorm Wind (MG 59 kt)
	06/02/23 22:15 CST		0	Source: Mesonet
Ringling (RING) Mesonet observation. Southeasterly wind gust.				
A weak upper trough moved out across of the southern High Plains during the afternoon of the 2nd, leading to widespread convection across the region. A storm across Jefferson County became briefly organized, producing a severe-criteria wind gust.				
PONTOTOC COUNTY --- 1.8 SE ADA [34.75, -96.66]				
	06/03/23 12:40 CST		0	Hail (0.88 in)
	06/03/23 12:40 CST		0	Source: Trained Spotter
PONTOTOC COUNTY --- 1.8 SE ADA [34.75, -96.66]				
	06/03/23 12:46 CST		0	Hail (1.00 in)
	06/03/23 12:46 CST		0	Source: Trained Spotter
PONTOTOC COUNTY --- 1.8 SE ADA [34.75, -96.66]				
	06/03/23 12:47 CST		0	Hail (1.00 in)
	06/03/23 12:47 CST		0	Source: Trained Spotter
PONTOTOC COUNTY --- 1.8 NE ADA [34.79, -96.66]				
	06/03/23 12:49 CST		0	Hail (1.00 in)
	06/03/23 12:49 CST		0	Source: Public
PONTOTOC COUNTY --- 1.8 NE ADA [34.79, -96.66]				

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	06/03/23 12:50 CST		0	Thunderstorm Wind (EG 52 kt)
	06/03/23 12:50 CST		0	Source: Public

Social media image showing a 6–12-inch diameter tree branch snapped. Time is radar estimated.

PONTOTOC COUNTY --- 1.8 NE ADA [34.79, -96.66]

	06/03/23 12:52 CST		0	Thunderstorm Wind (MG 52 kt)
	06/03/23 12:52 CST		0	Source: Trained Spotter

Wind gust measured with handheld anemometer.

PONTOTOC COUNTY --- 1.1 SE ADA [34.76, -96.67], 1.2 ESE ADA [34.76, -96.66], 1.5 SE ADA [34.76, -96.66], 1.4 SE ADA [34.76, -96.66]

	06/03/23 13:00 CST		5K	Flash Flood (due to Heavy Rain)
	06/03/23 16:00 CST		0	Source: Public

Social media video showing water flowing across portions of Craddock Road in southeast parts of Ada.

PONTOTOC COUNTY --- 2.0 S BYNG [34.83, -96.67]

	06/03/23 13:04 CST		0	Hail (0.75 in)
	06/03/23 13:04 CST		0	Source: Public

MPing report.

ATOKA COUNTY --- 3.1 W CANEY [34.23, -96.26]

	06/03/23 14:10 CST		0	Hail (0.75 in)
	06/03/23 14:10 CST		0	Source: Public

MPing report.

A cluster of thunderstorms became briefly organized across east-central into southeast Oklahoma during the early afternoon of the 3rd. A few reports of damaging wind gusts, large hail and flooding were received in around the community of Ada.

OKLAHOMA COUNTY --- 2.4 S OKLAHOMA CITY [35.44, -97.52]

	06/05/23 13:11 CST		0	Hail (1.00 in)
	06/05/23 13:11 CST		0	Source: Public

MPing report.

OKLAHOMA COUNTY --- 2.1 SSW OKLAHOMA CITY [35.44, -97.52]

	06/05/23 13:13 CST		0	Hail (1.00 in)
	06/05/23 13:13 CST		0	Source: Public

MPing report.

OKLAHOMA COUNTY --- 1.8 NW VALLEY BROOK [35.42, -97.50]

	06/05/23 13:15 CST		10K	Thunderstorm Wind (EG 56 kt)
	06/05/23 13:15 CST		0	Source: Public

A large carport was lifted and heavily damaged by thunderstorm wind. Time is radar estimated.

Several ordinary-type thunderstorms developed from the early afternoon into evening of the 5th across the forecast area. One of these storms produced severe hail and a damaging downburst wind event in the southern Oklahoma City metropolitan area.

LOGAN COUNTY --- 6.5 SW MULHALL [36.00, -97.49]

	06/06/23 14:28 CST		0	Hail (1.00 in)
	06/06/23 14:28 CST		0	Source: Public

Based on radar evidence, hailfall likely occurred prior (1415-1425 CST) to report time.

PAYNE COUNTY --- 1.1 W (SWO)STILLWATER AIRPORT [36.16, -97.11]

	06/06/23 14:45 CST		0	Hail (1.00 in)
	06/06/23 14:45 CST		0	Source: Public

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PAYNE COUNTY --- 2.1 NNW (SWO)STILLWATER AIRPORT [36.19, -97.10]				
	06/06/23 15:06 CST	0		Hail (1.50 in)
	06/06/23 15:06 CST	0		Source: Trained Spotter
PAYNE COUNTY --- (SWO)STILLWATER AIRPORT [36.16, -97.09]				
	06/06/23 15:08 CST	0		Hail (1.25 in)
	06/06/23 15:08 CST	0		Source: Public
Numerous ordinary-type thunderstorms developed across the forecast area from the early afternoon into evening of the 6th. A few storms became briefly severe across north-central Oklahoma, producing reports of large hail.				
ATOKA COUNTY --- LANE [34.30, -95.99]				
	06/07/23 17:55 CST	0		Hail (1.00 in)
	06/07/23 17:55 CST	0		Source: Broadcast Media
Numerous ordinary-type thunderstorms developed across the forecast area from the early afternoon into evening of the 7th. A storm in Atoka County produced a report of severe-criteria hail.				
DEWEY COUNTY --- 3.2 W CAMARGO [36.03, -99.35]				
	06/10/23 00:10 CST	0		Thunderstorm Wind (MG 53 kt)
	06/10/23 00:10 CST	0		Source: Mesonet
Camargo (CAMA) Mesonet observation. Along gust front.				
MAJOR COUNTY --- 0.7 S ISABELLA [36.23, -98.34]				
	06/10/23 01:13 CST	0		Hail (1.00 in)
	06/10/23 01:13 CST	0		Source: Public
MPing report.				
GARFIELD COUNTY --- 2.3 WSW NORTH ENID [36.43, -97.91]				
	06/10/23 01:35 CST	0		Thunderstorm Wind (EG 52 kt)
	06/10/23 01:35 CST	0		Source: Trained Spotter
Social media image of 2–3-inch tree branches broken.				
KINGFISHER COUNTY --- 5.3 SE DOVER [35.92, -97.85]				
	06/10/23 01:50 CST	0		Thunderstorm Wind (MG 59 kt)
	06/10/23 01:50 CST	0		Source: Public
Personal weather station measurement (KOKKINGF16).				
KINGFISHER COUNTY --- 5.3 SE DOVER [35.92, -97.85]				
	06/10/23 01:55 CST	0		Thunderstorm Wind (MG 52 kt)
	06/10/23 01:55 CST	0		Source: Public
Personal weather station measurement (KOKKINGF16).				
CUSTER COUNTY --- 2.1 WSW WEATHERFORD [35.52, -98.73]				
	06/10/23 04:24 CST	0		Hail (0.75 in)
	06/10/23 04:24 CST	0		Source: Public
MPing report.				
CLEVELAND COUNTY --- 1.1 W MOORE [35.34, -97.51]				
	06/10/23 05:34 CST	0		Thunderstorm Wind (EG 52 kt)
	06/10/23 05:34 CST	0		Source: NWS Employee
Multiple 2-inch tree branches blown down, lying across portions of Spring Creek Drive.				

A semi-organized linear band of thunderstorms moved across northern/northwest Oklahoma during the early morning hours of the 10th. Sufficient wind shear existed across the area, aided by a weak upper-level wave, such that occasional thunderstorm organization

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was observed during the early hours of the 10th. Several thunderstorm wind events were observed along with a few reports of hail.

MCCLAIN COUNTY --- 4.4 NW GOLDSBY [35.19, -97.54]

	06/12/23 03:48 CST	0		Hail (0.75 in)
	06/12/23 03:48 CST	0		Source: Public

MPing report.

GREER COUNTY --- 0.6 E WILLOW [35.05, -99.50]

	06/12/23 03:52 CST	0		Hail (1.75 in)
	06/12/23 03:52 CST	0		Source: COOP Observer

MCCLAIN COUNTY --- 3.1 NW GOLDSBY [35.18, -97.52]

	06/12/23 03:54 CST	0		Hail (0.75 in)
	06/12/23 03:54 CST	0		Source: Public

MPing report.

CLEVELAND COUNTY --- 3.0 NNW NOBLE [35.18, -97.41]

	06/12/23 03:59 CST	0		Hail (1.00 in)
	06/12/23 03:59 CST	0		Source: Public

Multiple caller and social media reports across southeast Norman.

CLEVELAND COUNTY --- 2.7 NW NOBLE [35.17, -97.42]

	06/12/23 04:00 CST	0		Hail (1.00 in)
	06/12/23 04:00 CST	0		Source: Public

MPing report.

JEFFERSON COUNTY --- 4.9 SE ADDINGTON [34.19, -97.91]

	06/12/23 04:00 CST	0		Hail (1.75 in)
	06/12/23 04:00 CST	0		Source: Trained Spotter

CLEVELAND COUNTY --- 0.4 WNW NOBLE [35.14, -97.40]

	06/12/23 04:01 CST	0		Hail (0.75 in)
	06/12/23 04:01 CST	0		Source: Public

MPing report.

CLEVELAND COUNTY --- 0.7 ESE NOBLE [35.14, -97.38]

	06/12/23 04:01 CST	0		Hail (0.75 in)
	06/12/23 04:01 CST	0		Source: Public

MPing report.

CLEVELAND COUNTY --- 3.0 SSE NORMAN [35.18, -97.42]

	06/12/23 04:02 CST	0		Hail (1.50 in)
	06/12/23 04:02 CST	0		Source: Public

MPing report.

CLEVELAND COUNTY --- 0.8 N NOBLE [35.15, -97.39]

	06/12/23 04:04 CST	0		Hail (1.00 in)
	06/12/23 04:04 CST	0		Source: Public

MPing report.

CLEVELAND COUNTY --- 1.7 E NOBLE [35.14, -97.36]

	06/12/23 04:05 CST	0		Hail (1.00 in)
	06/12/23 04:05 CST	0		Source: Public

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MPing report.				
CLEVELAND COUNTY --- 2.2 NNW NOBLE [35.17, -97.40]				
	06/12/23 04:05 CST		0	Hail (1.25 in)
	06/12/23 04:05 CST		0	Source: Public
Social media photo.				
LOVE COUNTY --- 3.5 WSW OVERBROOK [34.06, -97.20]				
	06/12/23 05:10 CST		0	Hail (0.75 in)
	06/12/23 05:10 CST		0	Source: Public
MPing report. Time is radar estimated.				
CADDO COUNTY --- 9.1 W BOONE [34.91, -98.62]				
	06/12/23 05:15 CST		0	Hail (1.25 in)
	06/12/23 05:15 CST		0	Source: Amateur Radio
CADDO COUNTY --- 0.7 N APACHE [34.90, -98.36]				
	06/12/23 05:40 CST		0	Hail (1.75 in)
	06/12/23 05:40 CST		0	Source: Public
COMANCHE COUNTY --- 1.3 ESE LAKE ELLSWORTH DAM [34.78, -98.35]				
	06/12/23 05:40 CST		0	Hail (2.00 in)
	06/12/23 05:40 CST		0	Source: Public
Time is radar estimated.				
COMANCHE COUNTY --- 0.6 E ELGIN [34.78, -98.28]				
	06/12/23 05:45 CST		20K	Hail (2.50 in)
	06/12/23 05:45 CST		0	Source: Public
Numerous social media images of golf ball to tennis ball size hail. Damage to vehicles also noted. Time is radar estimated.				
COMANCHE COUNTY --- 0.6 W FLETCHER [34.82, -98.25]				
	06/12/23 05:45 CST		0	Hail (2.50 in)
	06/12/23 05:45 CST		0	Source: Public
Numerous social media images of golf ball to tennis ball size hail. Time is radar estimated.				
COMANCHE COUNTY --- ELGIN [34.78, -98.29]				
	06/12/23 05:45 CST		0	Hail (1.75 in)
	06/12/23 05:45 CST		0	Source: Trained Spotter
COMANCHE COUNTY --- 2.8 E STERLING [34.75, -98.12]				
	06/12/23 05:55 CST		0	Hail (1.75 in)
	06/12/23 05:55 CST		0	Source: Public
Time is radar estimated.				
GRADY COUNTY --- 4.8 S RUSH SPRINGS [34.71, -97.96]				
	06/12/23 06:07 CST		0	Hail (1.75 in)
	06/12/23 06:07 CST		0	Source: Trained Spotter
STEPHENS COUNTY --- MARLOW [34.65, -97.96]				
	06/12/23 06:14 CST		0	Hail (1.75 in)
	06/12/23 06:14 CST		0	Source: Trained Spotter
STEPHENS COUNTY --- 0.6 E BRAY [34.64, -97.81]				

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	06/12/23 06:20 CST		0	Hail (1.00 in)
	06/12/23 06:20 CST		0	Source: Public

Time is radar estimated.

MARSHALL COUNTY --- 2.0 NE WOODVILLE [33.99, -96.63]

06/12/23 07:55 CST	0	Thunderstorm Wind (EG 52 kt)
06/12/23 07:55 CST	0	Source: Public

Social media image of a 12–24-inch diameter tree snapped near the base. Time is radar estimated.

BRYAN COUNTY --- 1.4 SSE SILO [34.02, -96.47]

06/12/23 08:06 CST	0	Hail (0.75 in)
06/12/23 08:06 CST	0	Source: Public

MPing report.

BRYAN COUNTY --- 4.5 SW ARMSTRONG [34.00, -96.39]

06/12/23 08:08 CST	2K	Thunderstorm Wind (EG 52 kt)
06/12/23 08:08 CST	0	Source: Emergency Manager

Small tree limbs and power lines down due to thunderstorm wind. Time is radar estimated.

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

06/12/23 08:20 CST	5K	Thunderstorm Wind (EG 61 kt)
06/12/23 08:20 CST	0	Source: Public

Social media image showing damage to several large trees and a small greenhouse.

TILLMAN COUNTY --- 2.2 SE TIPTON ARPT [34.44, -99.14]

06/12/23 13:56 CST	0	Hail (0.75 in)
06/12/23 13:56 CST	0	Source: Trained Spotter

As strong low-level flow increased in the vicinity of a warm front (across the Red River Valley), widespread strong to severe thunderstorm development occurred across the southern half of the forecast area during the early morning of the 12th. Given a mesoscale environment characterized by high magnitudes of elevated instability and deep-layer wind shear, the strongest storms produced reports of large to very large hail. This included reports of baseball-sized hail near the town of Elgin in northeast Comanche County. A few reports of thunderstorm wind were also received across southeast Oklahoma as storms grew upscale. By the afternoon, sufficient (elevated) instability and wind shear remained such that additional storm development, in the vicinity of a stationary boundary across north Texas, produced reports of sub-severe hail.

BRYAN COUNTY --- 0.3 SSE COBB [34.08, -96.41]

06/13/23 03:04 CST	0	Hail (1.00 in)
06/13/23 03:04 CST	0	Source: Public

MPing report. Based on radar evidence, hailfall likely occurred prior (0250-0255 LST) to event time.

GREER COUNTY --- 0.9 SW MANGUM [34.87, -99.51]

06/13/23 20:27 CST	0	Hail (1.50 in)
06/13/23 20:27 CST	0	Source: Public

MPing report.

JACKSON COUNTY --- 2.8 E MARTHA [34.73, -99.34]

06/13/23 20:50 CST	0	Hail (1.00 in)
06/13/23 20:50 CST	0	Source: Trained Spotter

JACKSON COUNTY --- 3.7 SE MARTHA [34.70, -99.34]

06/13/23 20:55 CST	0	Thunderstorm Wind (MG 59 kt)
06/13/23 20:55 CST	0	Source: AWOS

Altus/Quartz Mountain Regional Airport (KAXS) observation.

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JACKSON COUNTY --- 1.8 WNW (LTS)ALTUS AFB [34.67, -99.32]				
	06/13/23 20:56 CST	0		Hail (0.75 in)
	06/13/23 20:56 CST	0		Source: Public
MPing report.				
JACKSON COUNTY --- 1.5 ESE (LTS)ALTUS AFB [34.65, -99.27]				
	06/13/23 21:00 CST	0		Thunderstorm Wind (MG 60 kt)
	06/13/23 21:00 CST	0		Source: ASOS
Altus Air Force Base (KLTS) observation.				
<p>A weak upper wave swept across the region during the early morning hours of the 13th. This promoted ascent near a lifting warm front across southern Oklahoma. Provided sufficient wind shear and elevated instability, a few organized storms developed across the area. A supercell thunderstorm produced a severe hail report in Bryan County.</p> <p>Into the afternoon, a stronger upper wave lifted out across the High Plains. This instigated widespread convection here, with a dominant supercell emerging by the early afternoon hours. This storm traveled from far southeast Colorado through the Texas Panhandle and into portions of southwest Oklahoma by the late evening. Reports of severe hail and damaging wind gusts were received associated with this storm.</p>				
MARSHALL COUNTY --- 3.8 NNE WILLIS [33.94, -96.80]				
	06/14/23 08:29 CST	0		Hail (0.75 in)
	06/14/23 08:29 CST	0		Source: Public
MPing report.				
<p>A supercell thunderstorm developed across far southern Oklahoma during the morning of the 14th and lead to a report of sub-severe hail in Marshall County.</p>				
GREER COUNTY --- 3.7 SSE BRINKMAN [34.96, -99.50]				
	06/15/23 13:46 CST	0		Hail (1.00 in)
	06/15/23 13:46 CST	0		Source: Public
MPing report.				
GREER COUNTY --- 3.6 SSE BRINKMAN [34.96, -99.50]				
	06/15/23 13:48 CST	0		Hail (1.25 in)
	06/15/23 13:48 CST	0		Source: Public
MPing report.				
GREER COUNTY --- 1.1 W GRANITE [34.96, -99.40]				
	06/15/23 14:05 CST	0		Hail (1.00 in)
	06/15/23 14:05 CST	0		Source: Public
MPing report.				
GREER COUNTY --- GRANITE [34.96, -99.38]				
	06/15/23 14:06 CST	0		Hail (1.34 in)
	06/15/23 14:06 CST	0		Source: Broadcast Media
Measured with digital calipers.				
KIOWA COUNTY --- 4.0 W LONE WOLF [34.98, -99.32]				
	06/15/23 14:10 CST	0		Hail (1.25 in)
	06/15/23 14:10 CST	0		Source: Public
GREER COUNTY --- 0.7 N GRANITE [34.97, -99.38]				
	06/15/23 14:12 CST	0		Hail (1.75 in)
	06/15/23 14:12 CST	0		Source: Public

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KIOWA COUNTY --- LONE WOLF [34.99, -99.25]				
	06/15/23 14:26 CST		0	Hail (1.90 in)
	06/15/23 14:26 CST		0	Source: Broadcast Media
Measured with digital calipers.				
KIOWA COUNTY --- 6.1 NW ROOSEVELT [34.91, -99.10]				
	06/15/23 14:37 CST		0	Hail (2.75 in)
	06/15/23 14:37 CST		0	Source: Public
MPing report.				
COMANCHE COUNTY --- 2.2 NW MEERS [34.80, -98.61]				
	06/15/23 15:03 CST		0	Hail (1.25 in)
	06/15/23 15:03 CST		0	Source: Trained Spotter
Report relayed via Spotter Network.				
COMANCHE COUNTY --- 3.0 NNE MT SCOTT [34.78, -98.51]				
	06/15/23 15:12 CST		0	Hail (1.25 in)
	06/15/23 15:12 CST		0	Source: Public
MPing report.				
COMANCHE COUNTY --- 2.2 SW LAWTON [34.59, -98.42]				
	06/15/23 15:25 CST		0	Thunderstorm Wind (EG 61 kt)
	06/15/23 15:45 CST		0	Source: Public
Scattered tree and power line damage reported throughout the city of Lawton. Some of the more significant reports are listed separately.				
COMANCHE COUNTY --- 2.3 E MEDICINE PARK [34.72, -98.46]				
	06/15/23 15:26 CST		0	Hail (1.75 in)
	06/15/23 15:26 CST		0	Source: Broadcast Media
Hailfall was ongoing at the time of the report.				
COMANCHE COUNTY --- 3.6 WNW LAWTON [34.62, -98.45]				
	06/15/23 15:30 CST		30K	Thunderstorm Wind (EG 65 kt)
	06/15/23 15:30 CST		0	Source: NWS Storm Survey
Outermost layer of roof decking of a two-story apartment blown off due to thunderstorm wind. Time is radar estimated.				
COMANCHE COUNTY --- 1.8 WSW (FSI)FORT SILL [34.66, -98.41]				
	06/15/23 15:33 CST		0	Hail (2.50 in)
	06/15/23 15:33 CST		0	Source: Trained Spotter
COMANCHE COUNTY --- 1.1 WNW LAWTON [34.62, -98.41]				
	06/15/23 15:34 CST		0	Hail (1.50 in)
	06/15/23 15:34 CST		0	Source: Public
MPing report.				
COMANCHE COUNTY --- 3.0 NNW (FSI)FORT SILL [34.71, -98.40]				
	06/15/23 15:34 CST		0	Hail (2.75 in)
	06/15/23 15:34 CST		0	Source: Broadcast Media
COMANCHE COUNTY --- LAWTON [34.61, -98.39]				
	06/15/23 15:35 CST		0	Hail (4.00 in)
	06/15/23 15:35 CST		0	Source: Public

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Social media image. Time is radar estimated.				
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COMANCHE COUNTY --- 1.3 WNW (FSI)FORT SILL [34.68, -98.40]	06/15/23 15:38 CST		0	Hail (1.50 in)
	06/15/23 15:38 CST		0	Source: Public
MPing report.				
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COMANCHE COUNTY --- 3.2 WSW LAWTON [34.59, -98.44]	06/15/23 15:40 CST		0	Hail (2.00 in)
	06/15/23 15:40 CST		0	Source: Public
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COMANCHE COUNTY --- 2.1 WSW LAWTON [34.59, -98.42]	06/15/23 15:41 CST		0	Thunderstorm Wind (MG 90 kt)
	06/15/23 15:41 CST		0	Source: Trained Spotter
A wind gust of 103 mph was measured by a spotter just southeast of the intersection of Sheridan Road and Lee Blvd. Numerous power poles and trees were damaged near this intersection.				
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COMANCHE COUNTY --- 0.7 S (FSI)FORT SILL [34.66, -98.38]	06/15/23 15:45 CST		0	Hail (3.00 in)
	06/15/23 15:45 CST		0	Source: Public
MPing report.				
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COMANCHE COUNTY --- 2.8 E PUMPKIN CENTER [34.59, -98.16]	06/15/23 15:46 CST		0	Hail (1.75 in)
	06/15/23 15:46 CST		0	Source: Trained Spotter
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COMANCHE COUNTY --- 0.7 S CACHE [34.62, -98.63]	06/15/23 15:52 CST		0	Hail (2.00 in)
	06/15/23 15:52 CST		0	Source: Public
MPing report.				
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COMANCHE COUNTY --- 5.8 W LAWTON [34.62, -98.49]	06/15/23 15:53 CST		0	Hail (1.50 in)
	06/15/23 15:53 CST		0	Source: Public
MPing report.				
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COMANCHE COUNTY --- 2.1 S CACHE [34.60, -98.63]	06/15/23 15:57 CST		0	Hail (1.75 in)
	06/15/23 15:57 CST		0	Source: Trained Spotter
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COMANCHE COUNTY --- 3.7 WSW LAWTON [34.59, -98.45]	06/15/23 15:57 CST		0	Hail (1.75 in)
	06/15/23 15:57 CST		0	Source: Public
MPing report.				
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COMANCHE COUNTY --- 2.9 NE FAXON [34.48, -98.54], 5.3 E FAXON [34.45, -98.49]	06/15/23 15:58 CST		10K	Tornado (EF0, L: 3.80 mi , W: 50 yd)
	06/15/23 16:02 CST		0	Source: NWS Employee
This tornado developed near State Highway 36 and Deyo Mission Road, and produced tree and shingle damage as it moved southeast. It dissipated just north of the Cotton County line.				
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COMANCHE COUNTY --- 5.7 W LAWTON [34.62, -98.49]	06/15/23 15:59 CST		0	Hail (2.75 in)
	06/15/23 15:59 CST		0	Source: Public

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MPing report.				
COMANCHE COUNTY --- 1.2 SSE LAWTON [34.59, -98.38], 0.7 SE LAWTON [34.60, -98.38], 1.0 ESE LAWTON [34.60, -98.37], 1.5 SE LAWTON [34.59, -98.37]				
	06/15/23 16:00 CST		0	Flash Flood (due to Heavy Rain)
	06/15/23 19:00 CST		0	Source: Public
Social media image showing water flowing across portions of Lee Boulevard near Interstate 44.				
COMANCHE COUNTY --- 1.3 WNW LAWTON [34.62, -98.41]				
	06/15/23 16:00 CST		0	Hail (1.75 in)
	06/15/23 16:00 CST		0	Source: Public
MPing report.				
COMANCHE COUNTY --- 2.2 WSW LAWTON [34.60, -98.43]				
	06/15/23 16:01 CST		0	Hail (1.50 in)
	06/15/23 16:01 CST		0	Source: Public
MPing report.				
STEPHENS COUNTY --- 1.4 N DUNCAN [34.52, -97.96]				
	06/15/23 16:01 CST		0	Hail (1.00 in)
	06/15/23 16:01 CST		0	Source: Trained Spotter
COMANCHE COUNTY --- 1.5 N LAWTON [34.63, -98.39]				
	06/15/23 16:03 CST		0	Hail (1.50 in)
	06/15/23 16:03 CST		0	Source: Public
MPing report.				
COTTON COUNTY --- 3.5 N WALTERS ARPT [34.42, -98.40], 3.4 NNE WALTERS ARPT [34.41, -98.38]				
	06/15/23 16:10 CST		10K	Tornado (EF0, L: 1.20 mi , W: 50 yd)
	06/15/23 16:12 CST		0	Source: NWS Storm Survey
An EF0 tornado developed northwest of Walters and just east of Interstate 44. It produced barn and shingle damage as it moved east-southeast.				
STEPHENS COUNTY --- 9.4 NNW EMPIRE CITY [34.54, -98.13], 9.5 NNW EMPIRE CITY [34.54, -98.12]				
	06/15/23 16:11 CST		0	Tornado (EFU, L: 0.50 mi , W: 50 yd)
	06/15/23 16:13 CST		0	Source: Trained Spotter
Spotters reported a tornado near 9 Mile Road in northwest Stephens County. No damage was reported and the specific tornado path is estimated.				
COTTON COUNTY --- 2.4 WSW WALTERS ARPT [34.36, -98.45]				
	06/15/23 16:15 CST		20K	Thunderstorm Wind (EG 70 kt)
	06/15/23 16:15 CST		0	Source: Storm Chaser
Report of a roof off of a residence. Time is radar estimated.				
COTTON COUNTY --- 1.4 WNW WALTERS [34.36, -98.33]				
	06/15/23 16:20 CST		15K	Thunderstorm Wind (EG 65 kt)
	06/15/23 16:20 CST		0	Source: Public
Roof of a large aluminum building partially removed. Several power poles blown over in the vicinity as well. Time is radar estimated.				
COTTON COUNTY --- 4.0 NNW WALTERS [34.40, -98.35]				
	06/15/23 16:20 CST		0	Thunderstorm Wind (MG 70 kt)
	06/15/23 16:20 CST		0	Source: Mesonet
Walters (WAL2) Mesonet observation.				

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
COTTON COUNTY --- 2.4 WNW WALTERS [34.36, -98.35]				
	06/15/23 16:22 CST		5K	Thunderstorm Wind (EG 61 kt)
	06/15/23 16:22 CST		0	Source: Public
Power poles snapped. Time is radar estimated.				
STEPHENS COUNTY --- 5.3 SSW MARLOW [34.58, -98.00]				
	06/15/23 16:25 CST		0	Hail (0.75 in)
	06/15/23 16:25 CST		0	Source: Public
MPing report.				
COTTON COUNTY --- TEMPLE [34.27, -98.23]				
	06/15/23 16:28 CST		0	Thunderstorm Wind (EG 61 kt)
	06/15/23 16:28 CST		0	Source: Emergency Manager
Trees and power lines were damaged in Temple, and an RV was blown over. Time is estimated.				
STEPHENS COUNTY --- 1.3 WNW DUNCAN [34.51, -97.98]				
	06/15/23 16:29 CST		0	Hail (1.00 in)
	06/15/23 16:29 CST		0	Source: Public
MPing report.				
STEPHENS COUNTY --- 0.3 SSE SUNRAY [34.42, -97.96], 0.8 E SUNRAY [34.42, -97.95]				
	06/15/23 16:34 CST		0	Tornado (EF0, L: 0.80 mi , W: 200 yd)
	06/15/23 16:36 CST		0	Source: Storm Chaser
A storm chaser south of Comanche saw a tornado to the north of Comanche . No damage was reported in this area and the specific tornado path is estimated.				
STEPHENS COUNTY --- COMANCHE [34.37, -97.97]				
	06/15/23 16:35 CST		30K	Thunderstorm Wind (EG 70 kt)
	06/15/23 16:35 CST		0	Source: Amateur Radio
At least one home had significant roof damage in Comanche.				
STEPHENS COUNTY --- 1.2 WSW COMANCHE [34.36, -97.99], 0.8 WSW COMANCHE [34.36, -97.98]				
	06/15/23 16:37 CST		30K	Tornado (EF1, L: 0.50 mi , W: 20 yd)
	06/15/23 16:38 CST		0	Source: Trained Spotter
A spotter reported observing a tornado that moved into the southwestern portion of Comanche . Trees were downed and an outbuilding damaged just southwest of Comanche, then damaged an apartment building in southwest Comanche.				
STEPHENS COUNTY --- 2.8 S CORUM [34.32, -98.10]				
	06/15/23 16:40 CST		10K	Thunderstorm Wind (EG 61 kt)
	06/15/23 16:40 CST		0	Source: Public
Corum Fire Department building damaged. Time is radar estimated.				
STEPHENS COUNTY --- 1.8 SW COMANCHE [34.35, -97.99]				
	06/15/23 16:44 CST		0	Hail (1.00 in)
	06/15/23 16:44 CST		0	Source: Public
MPing report.				
STEPHENS COUNTY --- 2.5 WNW SUNRAY [34.44, -98.00]				
	06/15/23 16:50 CST		0	Hail (1.00 in)
	06/15/23 16:50 CST		0	Source: Public
MPing report.				

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
STEPHENS COUNTY --- 1.2 S SUNRAY [34.40, -97.96]				
	06/15/23 16:52 CST		0	Hail (0.75 in)
	06/15/23 16:52 CST		0	Source: Public
MPing report.				
JEFFERSON COUNTY --- 3.0 NE SUGDEN [34.11, -97.94]				
	06/15/23 16:58 CST		0	Tornado (EFU, L: 0.80 mi , W: 50 yd)
	06/15/23 17:00 CST		0	Source: Storm Chaser
Storm chasers both near Waurika and Ryan observed a tornado estimated to be about 3 miles northeast of Sugden. No damage is known to have occurred.				
JEFFERSON COUNTY --- 0.7 ESE WAURIKA [34.17, -97.99]				
	06/15/23 17:00 CST		0	Thunderstorm Wind (MG 50 kt)
	06/15/23 17:00 CST		0	Source: Mesonet
Waurika (WAUR) Mesonet observation.				
STEPHENS COUNTY --- 5.6 WNW LOCO [34.35, -97.77], 4.3 W LOCO [34.34, -97.75]				
	06/15/23 17:03 CST		10K	Tornado (EF1, L: 1.50 mi , W: 50 yd)
	06/15/23 17:05 CST		0	Source: Storm Chaser
A storm chaser observed a tornado west-northwest of Loco. Trees were snapped and uprooted along the tornado path . This tornado was embedded within an even larger area of damaging thunderstorms winds.				
JEFFERSON COUNTY --- 0.7 ESE WAURIKA [34.17, -97.99]				
	06/15/23 17:05 CST		0	Thunderstorm Wind (MG 53 kt)
	06/15/23 17:05 CST		0	Source: Mesonet
Waurika (WAUR) Mesonet observation.				
JEFFERSON COUNTY --- 9.0 E WAURIKA [34.17, -97.84]				
	06/15/23 17:10 CST		10K	Thunderstorm Wind (EG 61 kt)
	06/15/23 17:10 CST		0	Source: Trained Spotter
Trees and power poles were damaged 9 miles east of Waurika in a delayed report on mPing. The time of the damage is estimated.				
JEFFERSON COUNTY --- 9.2 E WAURIKA [34.16, -97.84]				
	06/15/23 17:10 CST		2K	Thunderstorm Wind (EG 52 kt)
	06/15/23 17:10 CST		0	Source: Public
MPing report of power pole damaged along US Highway 70. Time is radar estimated.				
STEPHENS COUNTY --- 2.6 SE LOCO [34.30, -97.65], 4.4 SE LOCO [34.29, -97.62]				
	06/15/23 17:16 CST		0.15M	Tornado (EF2, L: 1.90 mi , W: 700 yd)
	06/15/23 17:21 CST		0	Source: NWS Storm Survey
This tornado developed 2.6 miles southeast of Loco and moved east-southeast. Damage was confined to trees and power line poles until the tornado approached the county line where a mobile home was destroyed. The tornado did move into Jefferson County.				
JEFFERSON COUNTY --- 7.8 NNW RINGLING [34.29, -97.62], 6.2 N RINGLING [34.27, -97.60]				
	06/15/23 17:21 CST		0.10M	Tornado (EF1, L: 2.20 mi , W: 1000 yd)
	06/15/23 17:29 CST		0	Source: NWS Storm Survey
This tornado moved east-southeast out of Stephens County into Jefferson County. The tornado then turned southeast and dissipated soon after crossing State Highway 89 between E1890 Road and E1900 Road. In Jefferson County, at least four homes were damaged and a couple of barns were damaged or destroyed as well as many trees damaged.				
WOODWARD COUNTY --- 1.6 WSW WOODWARD [36.42, -99.42]				
	06/15/23 17:25 CST		0	Thunderstorm Wind (MG 51 kt)
	06/15/23 17:25 CST		0	Source: Mesonet

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Woodward (WOOD) Mesonet observation. Heat burst event.				
ELLIS COUNTY --- 13.9 WSW ARNETT [36.06, -100.00], 11.5 WSW ARNETT [36.05, -99.94]				
	06/15/23 17:31 CST		10K	Tornado (EF1, L: 3.50 mi , W: 200 yd)
	06/15/23 17:35 CST		0	Source: NWS Storm Survey
This tornado moved into Ellis County from Lipscomb County Texas (see entry in Texas panhandle from NWS Amarillo). In Oklahoma, this tornado produced scattered tree damage as it moved east-southeast, including snapping or uprooting trees at it approached County Road 171.				
CARTER COUNTY --- HEALDTON [34.23, -97.49]				
	06/15/23 17:35 CST		10K	Thunderstorm Wind (EG 70 kt)
	06/15/23 17:35 CST		0	Source: Emergency Manager
Power poles were downed on the west side of Healdton.				
HARMON COUNTY --- 0.6 E HOLLIS [34.69, -99.91]				
	06/15/23 17:35 CST		0	Hail (1.25 in)
	06/15/23 17:35 CST		0	Source: Public
MPing report.				
ELLIS COUNTY --- 8.0 W ARNETT [36.14, -99.91]				
	06/15/23 17:37 CST		2K	Thunderstorm Wind (EG 52 kt)
	06/15/23 17:37 CST		0	Source: Public
MPing report of power pole damage along US Highway 60. Time is radar estimated.				
CARTER COUNTY --- 6.0 S WILSON [34.07, -97.43]				
	06/15/23 17:45 CST		10K	Thunderstorm Wind (EG 61 kt)
	06/15/23 17:45 CST		0	Source: Emergency Manager
A barn was damaged south of Wilson just north of the Love County line.				
ROGER MILLS COUNTY --- 4.5 SW DURHAM [35.80, -99.98], 3.5 SW DURHAM [35.80, -99.96]				
	06/15/23 17:47 CST		0	Tornado (EFU, L: 1.00 mi , W: 50 yd)
	06/15/23 17:50 CST		0	Source: Storm Chaser
A storm chaser reported a tornado southwest of Durham in far western Roger Mills County . No damage is known to have occurred and the tornado path is estimated.				
ELLIS COUNTY --- 6.5 W ARNETT [36.14, -99.89]				
	06/15/23 17:50 CST		0	Hail (1.00 in)
	06/15/23 17:50 CST		0	Source: Public
MPing report.				
CARTER COUNTY --- HEALDTON [34.23, -97.49]				
	06/15/23 17:52 CST		0	Hail (1.00 in)
	06/15/23 17:52 CST		0	Source: Public
MPing report. Based on radar evidence, hailfall likely occurred prior (1740-1750 LST) to report time.				
ROGER MILLS COUNTY --- 4.2 N REYDON [35.71, -99.92]				
	06/15/23 18:00 CST		0	Hail (2.25 in)
	06/15/23 18:00 CST		0	Source: Public
Time is radar estimated.				
ROGER MILLS COUNTY --- 0.8 NNW REYDON [35.66, -99.93]				
	06/15/23 18:05 CST		0	Hail (2.75 in)
	06/15/23 18:05 CST		0	Source: Storm Chaser

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Social media image. Time is radar estimated.				
ROGER MILLS COUNTY --- CRAWFORD [35.83, -99.80]				
	06/15/23 18:05 CST		2K	Thunderstorm Wind (EG 56 kt)
	06/15/23 18:05 CST		0	Source: Emergency Manager
Tree damage and broken windows reported in the community of Crawford. Time is radar estimated.				
LOVE COUNTY --- BURNEYVILLE [33.91, -97.30]				
	06/15/23 18:10 CST		0	Thunderstorm Wind (EG 56 kt)
	06/15/23 18:10 CST		0	Source: Public
Several trees down in the town of Burneyville. Time is radar estimated.				
LOVE COUNTY --- MARIETTA [33.94, -97.12]				
	06/15/23 18:10 CST		20K	Thunderstorm Wind (EG 61 kt)
	06/15/23 18:25 CST		0	Source: Public
Tree and power line damage occurred throughout the town of Marietta. Damage to billboards along Interstate 35 also reported.				
LOVE COUNTY --- 9.3 NNE RUBOTTOM [34.07, -97.42]				
	06/15/23 18:20 CST		5K	Thunderstorm Wind (EG 61 kt)
	06/15/23 18:20 CST		0	Source: Public
MPing report of tree and roof damage. Time is radar estimated.				
ROGER MILLS COUNTY --- STRONG CITY [35.67, -99.60]				
	06/15/23 18:25 CST		0	Hail (2.25 in)
	06/15/23 18:25 CST		0	Source: Public
Social media image. Time is radar estimated.				
WOODWARD COUNTY --- 7.7 ESE MUTUAL [36.19, -99.04]				
	06/15/23 18:25 CST		0	Thunderstorm Wind (MG 56 kt)
	06/15/23 18:25 CST		0	Source: Mesonet
Seiling (SEIL) Mesonet observation.				
LOVE COUNTY --- 0.8 NNE MARIETTA [33.95, -97.11], 0.8 ENE MARIETTA [33.95, -97.11]				
	06/15/23 18:26 CST		0	Tornado (EF0, L: 0.50 mi , W: 10 yd)
	06/15/23 18:27 CST		0	Source: Storm Chaser
A research meteorologist observed a tornado just northeast of Marietta. Some light tree damage occurred with this tornado.				
CADDO COUNTY --- 2.7 SE BRIDGEPORT [35.52, -98.35]				
	06/15/23 18:30 CST		0	Hail (1.50 in)
	06/15/23 18:30 CST		0	Source: Public
WOODWARD COUNTY --- 7.7 ESE MUTUAL [36.19, -99.04]				
	06/15/23 18:30 CST		0	Thunderstorm Wind (MG 50 kt)
	06/15/23 18:30 CST		0	Source: Mesonet
Seiling (SEIL) Mesonet observation.				
JACKSON COUNTY --- 1.8 WNW (LTS)ALTUS AFB [34.67, -99.32]				
	06/15/23 18:31 CST		0	Hail (1.00 in)
	06/15/23 18:31 CST		0	Source: Public
MPing report.				
JACKSON COUNTY --- 3.2 E MARTHA [34.73, -99.33]				

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/15/23 18:31 CST		0	Hail (2.25 in)
	06/15/23 18:31 CST		0	Source: Trained Spotter
Social media image.				
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BECKHAM COUNTY --- 5.6 E SWEETWATER [35.42, -99.81]				
	06/15/23 18:37 CST		0	Hail (1.00 in)
	06/15/23 18:37 CST		0	Source: Public
MPing report.				
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BECKHAM COUNTY --- 3.9 NNE NEW LIBERTY [35.41, -99.69]				
	06/15/23 18:44 CST		0	Hail (1.25 in)
	06/15/23 18:44 CST		0	Source: Public
MPing report.				
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ROGER MILLS COUNTY --- HAMMON [35.63, -99.38]				
	06/15/23 18:45 CST		5K	Thunderstorm Wind (EG 56 kt)
	06/15/23 18:45 CST		0	Source: Emergency Manager
Power line damage reported in the community of Hammon. Time is radar estimated.				
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BECKHAM COUNTY --- 3.5 NNW NEW LIBERTY [35.41, -99.74]				
	06/15/23 18:46 CST		0	Hail (2.00 in)
	06/15/23 18:46 CST		0	Source: Public
MPing report.				
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CUSTER COUNTY --- 5.6 SW BUTLER [35.59, -99.27]				
	06/15/23 18:55 CST		0	Thunderstorm Wind (MG 55 kt)
	06/15/23 18:55 CST		0	Source: Mesonet
Butler (BUTL) Mesonet observation.				
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MAJOR COUNTY --- FAIRVIEW [36.27, -98.48]				
	06/15/23 18:55 CST		0	Thunderstorm Wind (EG 52 kt)
	06/15/23 18:55 CST		0	Source: Public
Tree damage in the town of Fairview. Time is radar estimated.				
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CANADIAN COUNTY --- 2.7 WSW YUKON [35.48, -97.78]				
	06/15/23 19:00 CST		0	Hail (0.75 in)
	06/15/23 19:00 CST		0	Source: Public
MPing report.				
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CUSTER COUNTY --- 5.6 SW BUTLER [35.59, -99.27]				
	06/15/23 19:00 CST		0	Thunderstorm Wind (MG 52 kt)
	06/15/23 19:00 CST		0	Source: Mesonet
Butler (BUTL) Mesonet observation.				
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DEWEY COUNTY --- 2.8 NNE PUTNAM [35.90, -98.96]				
	06/15/23 19:00 CST		0	Thunderstorm Wind (MG 50 kt)
	06/15/23 19:00 CST		0	Source: Mesonet
Putnam (PUTN) Mesonet observation.				
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BECKHAM COUNTY --- 2.5 S SAYRE [35.26, -99.64]				
	06/15/23 19:01 CST		0	Thunderstorm Wind (EG 56 kt)
	06/15/23 19:01 CST		0	Source: Public

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Semi-trailer flipped along Interstate 40. Time is radar estimated.				
BECKHAM COUNTY --- 0.7 S SAYRE [35.29, -99.64]				
	06/15/23 19:05 CST	0		Hail (2.00 in)
	06/15/23 19:05 CST	0		Source: Emergency Manager
BECKHAM COUNTY --- 0.9 SE SAYRE [35.29, -99.63]				
	06/15/23 19:07 CST	0		Hail (1.00 in)
	06/15/23 19:07 CST	0		Source: Public
MPing report.				
MAJOR COUNTY --- 3.8 E MENO [36.38, -98.11]				
	06/15/23 19:20 CST	0		Thunderstorm Wind (MG 52 kt)
	06/15/23 19:20 CST	0		Source: Mesonet
Lahoma (LAHO) Mesonet observation.				
GRADY COUNTY --- TUTTLE [35.29, -97.81]				
	06/15/23 19:28 CST	0		Hail (1.75 in)
	06/15/23 19:28 CST	0		Source: Public
GRADY COUNTY --- 3.1 ENE TUTTLE [35.30, -97.76]				
	06/15/23 19:35 CST	0		Hail (1.25 in)
	06/15/23 19:35 CST	0		Source: Public
MPing report.				
GRADY COUNTY --- TUTTLE [35.29, -97.81]				
	06/15/23 19:35 CST	0		Hail (2.00 in)
	06/15/23 19:35 CST	0		Source: Public
Time is radar estimated.				
GRADY COUNTY --- 4.0 N BRIDGE CREEK [35.29, -97.72]				
	06/15/23 19:40 CST	0		Hail (1.75 in)
	06/15/23 19:40 CST	0		Source: Public
Photo shared via social media. Time is radar estimated.				
GRADY COUNTY --- 1.8 SSE TUTTLE [35.27, -97.79]				
	06/15/23 19:42 CST	0		Hail (1.50 in)
	06/15/23 19:42 CST	0		Source: Public
MPing report.				
MCCLAIN COUNTY --- 3.6 WNW NEWCASTLE [35.27, -97.66]				
	06/15/23 19:46 CST	0		Hail (1.00 in)
	06/15/23 19:46 CST	0		Source: Public
MPing report.				
GRADY COUNTY --- 0.7 N BRIDGE CREEK [35.24, -97.72]				
	06/15/23 19:49 CST	0		Hail (2.00 in)
	06/15/23 19:49 CST	0		Source: Public
GRADY COUNTY --- 1.3 NNW BRIDGE CREEK [35.25, -97.73]				
	06/15/23 19:49 CST	0		Hail (1.75 in)
	06/15/23 19:49 CST	0		Source: Public

Reported at the intersection of Highway 4 and Fox Lane.

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MCCLAIN COUNTY --- 1.3 WSW NEWCASTLE [35.24, -97.62]				
	06/15/23 19:53 CST	0		Hail (1.75 in)
	06/15/23 19:53 CST	0		Source: NWS Employee
KIOWA COUNTY --- 0.2 W (HBR)HOBART AIRPORT [34.99, -99.05]				
	06/15/23 19:55 CST	0		Thunderstorm Wind (MG 56 kt)
	06/15/23 19:55 CST	0		Source: Mesonet
Hobart (HOBA) Mesonet observation.				
LOGAN COUNTY --- 3.1 SSE MARSHALL [36.12, -97.61]				
	06/15/23 20:00 CST	0		Thunderstorm Wind (MG 58 kt)
	06/15/23 20:00 CST	0		Source: Mesonet
Marshall (MRSH) Mesonet observation.				
CLEVELAND COUNTY --- 1.8 WNW (OUN)NORMAN WESTHEIMER ARPT [35.26, -97.50]				
	06/15/23 20:03 CST	0		Hail (1.00 in)
	06/15/23 20:03 CST	0		Source: Public
MPing report.				
CLEVELAND COUNTY --- 1.8 S (OUN)NORMAN WESTHEIMER ARPT [35.22, -97.48]				
	06/15/23 20:10 CST	0		Hail (1.00 in)
	06/15/23 20:10 CST	0		Source: Public
MPing report.				
CLEVELAND COUNTY --- 0.7 WSW NORMAN [35.22, -97.45]				
	06/15/23 20:11 CST	0		Hail (1.00 in)
	06/15/23 20:11 CST	0		Source: Public
MPing report.				
MCCLAIN COUNTY --- 4.4 WNW GOLDSBY [35.18, -97.55]				
	06/15/23 20:12 CST	0		Thunderstorm Wind (EG 53 kt)
	06/15/23 20:12 CST	0		Source: Public
Reported near the intersection of Highway 9 and Pennsylvania Avenue.				
CLEVELAND COUNTY --- 1.6 ENE (OUN)NORMAN WESTHEIMER ARPT [35.26, -97.45]				
	06/15/23 20:13 CST	0		Hail (1.00 in)
	06/15/23 20:13 CST	0		Source: Public
MPing report.				
CLEVELAND COUNTY --- 1.0 SSE (OUN)NORMAN WESTHEIMER ARPT [35.24, -97.46]				
	06/15/23 20:15 CST	0		Thunderstorm Wind (MG 73 kt)
	06/15/23 20:15 CST	0		Source: Mesonet
Norman (NRMN) Mesonet observation.				
KIOWA COUNTY --- 1.5 SSW (HBR)HOBART AIRPORT [34.97, -99.06]				
	06/15/23 20:16 CST	0		Hail (0.75 in)
	06/15/23 20:16 CST	0		Source: Public
MPing report.				
CLEVELAND COUNTY --- 3.1 NW NOBLE [35.17, -97.43]				

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/15/23 20:20 CST		0	Hail (1.00 in)
	06/15/23 20:20 CST		0	Source: NWS Employee

KIOWA COUNTY --- HOBART [35.03, -99.10]

	06/15/23 20:20 CST		0	Hail (1.75 in)
	06/15/23 20:20 CST		0	Source: Broadcast Media

Based on radar evidence, hailfall likely occurred prior (2010-2015 LST) to report time.

SEMINOLE COUNTY --- 0.7 WSW KONAWA [34.96, -96.76]

	06/15/23 21:05 CST		10K	Thunderstorm Wind (EG 61 kt)
	06/15/23 21:05 CST		0	Source: Broadcast Media

Significant roof damage to a building at Konawa High School. Time is radar estimated.

PONTOTOC COUNTY --- 6.4 SW FITTSTOWN [34.55, -96.72]

	06/15/23 21:40 CST		0	Thunderstorm Wind (MG 53 kt)
	06/15/23 21:40 CST		0	Source: Mesonet

Fittstown (FITT) Mesonet observation.

LOVE COUNTY --- 4.2 SSW MARIETTA [33.88, -97.14]

	06/15/23 21:45 CST		10K	Thunderstorm Wind (EG 61 kt)
	06/15/23 21:45 CST		0	Source: Emergency Manager

Tree on a house in the Shady Dale area along with multiple power poles blown down. Time is radar estimated.

LOVE COUNTY --- 4.2 S MARIETTA [33.88, -97.13]

	06/15/23 21:47 CST		0	Thunderstorm Wind (EG 61 kt)
	06/15/23 21:47 CST		0	Source: Emergency Manager

Two semi-trailers blown over on Interstate 35 at mile marker 11. Time is radar estimated.

LOVE COUNTY --- 0.7 N THACKERVILLE [33.80, -97.14]

	06/15/23 21:48 CST		0	Thunderstorm Wind (EG 61 kt)
	06/15/23 21:48 CST		0	Source: Emergency Manager

Multiple trees blown down. Time is radar estimated.

LOVE COUNTY --- 0.9 NW THACKERVILLE [33.80, -97.15]

	06/15/23 21:48 CST		0	Thunderstorm Wind (EG 61 kt)
	06/15/23 21:48 CST		0	Source: Public

Large tree uprooted, several trees snapped, and damage to an aluminum building. Time is radar estimated.

LOVE COUNTY --- 1.4 NNE THACKERVILLE [33.81, -97.13]

	06/15/23 21:48 CST		0	Thunderstorm Wind (EG 61 kt)
	06/15/23 21:48 CST		0	Source: Emergency Manager

Two trees blown down, partially lying in the fast lane of Interstate 35 at mile marker 6.

STEPHENS COUNTY --- 4.2 N DUNCAN [34.56, -97.97]

	06/15/23 22:04 CST		0	Hail (1.00 in)
	06/15/23 22:04 CST		0	Source: Public

MPing report.

STEPHENS COUNTY --- 5.4 WNW LOCO [34.36, -97.77]

	06/15/23 22:25 CST		50K	Thunderstorm Wind (EG 70 kt)
	06/15/23 22:25 CST		0	Source: Emergency Manager

A mobile home was rolled and destroyed.

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
STEPHENS COUNTY --- LOCO [34.33, -97.68]				
	06/15/23 22:30 CST		50K	Thunderstorm Wind (EG 70 kt)
	06/15/23 22:30 CST		0	Source: Emergency Manager
A number of trees and power lines in and near Loco were damaged by thunderstorm wind.				
CARTER COUNTY --- 0.7 S LONE GROVE [34.17, -97.26]				
	06/15/23 23:08 CST		0	Hail (1.25 in)
	06/15/23 23:08 CST		0	Source: Public
MPing report.				
CARTER COUNTY --- 2.8 S LONE GROVE [34.14, -97.26]				
	06/15/23 23:12 CST		0	Hail (1.00 in)
	06/15/23 23:12 CST		0	Source: Public
MPing report.				
CARTER COUNTY --- 0.7 S LONE GROVE [34.17, -97.26]				
	06/15/23 23:14 CST		0	Hail (1.75 in)
	06/15/23 23:14 CST		0	Source: Public
MPing report.				
CARTER COUNTY --- LONE GROVE [34.18, -97.26]				
	06/15/23 23:14 CST		0	Hail (2.00 in)
	06/15/23 23:14 CST		0	Source: Public
CARTER COUNTY --- 3.5 S LONE GROVE [34.13, -97.26]				
	06/15/23 23:18 CST		0	Hail (1.75 in)
	06/15/23 23:18 CST		0	Source: Emergency Manager
CARTER COUNTY --- 1.3 WSW ARDMORE [34.16, -97.16]				
	06/15/23 23:23 CST		0	Hail (1.25 in)
	06/15/23 23:23 CST		0	Source: Public
MPing report. Based on radar evidence, hailfall likely occurred prior (2315-2320 LST) to report.				
CARTER COUNTY --- 3.6 SSE ARDMORE [34.12, -97.12]				
	06/15/23 23:34 CST		0	Hail (1.00 in)
	06/15/23 23:34 CST		0	Source: Public
MPing report.				
<p>The approach of an anomalously strong (for mid-June) upper-level disturbance lead to a widespread severe weather outbreak across portions of the forecast area, especially along and west of the I-35 corridor, during the afternoon into late evening of the 15th. This included the development of numerous supercell thunderstorms across the area. Despite relatively high cloud bases, strong low-level instability and sufficient low-level wind shear aided tornadic outcomes, with eleven tornadoes confirmed across western into southern Oklahoma. Numerous reports of large to very large hail, including reports of 4-inch hail in Lawton, and wind damage were received across area.</p>				
HARPER COUNTY --- 5.9 SW ROSSTON [36.75, -100.00], 1.0 NE LAVERNE [36.72, -99.89]				
	06/17/23 18:43 CST		40K	Tornado (EF1, L: 7.10 mi , W: 300 yd)
	06/17/23 18:50 CST		0	Source: NWS Storm Survey
<p>This tornado moved into Harper County from Beaver County OK (see report from the Oklahoma panhandle from NWS Amarillo). At the Beaver County-Harper County line, the tornado caused roof damage to a home as well as tree damage. It continued to damage trees and power poles as the tornado moved to just northeast of Laverne. A barn was damaged along US-283 just north of Laverne before the tornado dissipated. In addition to the tornado, a large area of wind damage was observed south of the tornado creating areas of wind damage in the town of Laverne.</p>				
HARPER COUNTY --- LAVERNE [36.71, -99.90]				

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/17/23 18:50 CST		0.25M	Thunderstorm Wind (EG 83 kt)
	06/17/23 18:55 CST		0	Source: Emergency Manager

As a tornado was dissipating north of Laverne, damaging winds from this supercell produced widespread roof, tree and power line damage in Laverne. A number of homes and buildings throughout town suffered roof damage, and multiple power poles were downed in Laverne as well as to the east along State Highway 149.

HARPER COUNTY --- 0.6 W BUFFALO [36.83, -99.64]				
	06/17/23 19:15 CST		0	Thunderstorm Wind (MG 52 kt)
	06/17/23 19:15 CST		0	Source: Mesonet

Buffalo (BUFF) Mesonet observation.

WOODWARD COUNTY --- FORT SUPPLY [36.57, -99.57]				
	06/17/23 19:16 CST		2K	Thunderstorm Wind (EG 52 kt)
	06/17/23 19:16 CST		0	Source: Emergency Manager

Power line damage in the community of Fort Supply. Time is radar estimated.

HARPER COUNTY --- 0.6 W BUFFALO [36.83, -99.64]				
	06/17/23 19:20 CST		0	Thunderstorm Wind (MG 58 kt)
	06/17/23 19:20 CST		0	Source: Mesonet

Buffalo (BUFF) Mesonet observation.

HARPER COUNTY --- 0.6 W BUFFALO [36.83, -99.64]				
	06/17/23 19:25 CST		0	Thunderstorm Wind (MG 56 kt)
	06/17/23 19:25 CST		0	Source: Mesonet

Buffalo (BUFF) Mesonet observation.

HARPER COUNTY --- 0.6 W BUFFALO [36.83, -99.64]				
	06/17/23 19:30 CST		0	Thunderstorm Wind (MG 52 kt)
	06/17/23 19:30 CST		0	Source: Mesonet

Buffalo (BUFF) Mesonet observation.

HARPER COUNTY --- 0.6 W BUFFALO [36.83, -99.64]				
	06/17/23 19:35 CST		0	Thunderstorm Wind (MG 52 kt)
	06/17/23 19:35 CST		0	Source: Mesonet

Buffalo (BUFF) Mesonet observation.

WOODS COUNTY --- 10.7 NW CAMP HOUSTON [36.90, -99.28]				
	06/17/23 19:40 CST		0	Thunderstorm Wind (EG 56 kt)
	06/17/23 19:40 CST		0	Source: Emergency Manager

Tree down across the road at the intersection of County Road 100 and Latimer Road. Time is radar estimated.

WOODWARD COUNTY --- 17.2 N MOORELAND ARPT [36.73, -99.14]				
	06/17/23 19:45 CST		0	Thunderstorm Wind (MG 58 kt)
	06/17/23 19:45 CST		0	Source: Mesonet

Freedom (FREE) Mesonet observation.

WOODWARD COUNTY --- MOORELAND [36.44, -99.21]				
	06/17/23 19:45 CST		1K	Thunderstorm Wind (EG 52 kt)
	06/17/23 19:45 CST		0	Source: Public

Social media image showing a 12–18-inch diameter tree snapped along with large outdoor furniture damaged. Time is radar estimated.

WOODWARD COUNTY --- 17.2 N MOORELAND ARPT [36.73, -99.14]				
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Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/17/23 19:50 CST		0	Thunderstorm Wind (MG 67 kt)
	06/17/23 19:50 CST		0	Source: Mesonet
Freedom (FREE) Mesonet observation.				
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WOODWARD COUNTY --- SHARON [36.28, -99.34]				
	06/17/23 19:50 CST		0	Thunderstorm Wind (EG 52 kt)
	06/17/23 19:50 CST		0	Source: Public
Social media video showing tree limb damage in the community of Sharon. Time is radar estimated.				
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WOODWARD COUNTY --- 17.2 N MOORELAND ARPT [36.73, -99.14]				
	06/17/23 19:55 CST		0	Thunderstorm Wind (MG 53 kt)
	06/17/23 19:55 CST		0	Source: Mesonet
Freedom (FREE) Mesonet observation.				
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ELLIS COUNTY --- ARNETT [36.14, -99.77]				
	06/17/23 20:00 CST		2K	Thunderstorm Wind (EG 52 kt)
	06/17/23 20:00 CST		0	Source: Emergency Manager
Reports of power line damage in the community of Arnett. Time is radar estimated.				
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WOODWARD COUNTY --- 7.7 ESE MUTUAL [36.19, -99.04]				
	06/17/23 20:00 CST		0	Thunderstorm Wind (MG 66 kt)
	06/17/23 20:00 CST		0	Source: Mesonet
Seiling (SEIL) Mesonet observation.				
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WOODS COUNTY --- 0.5 SE WAYNOKA [36.58, -98.87]				
	06/17/23 20:03 CST		0	Thunderstorm Wind (EG 56 kt)
	06/17/23 20:03 CST		0	Source: Emergency Manager
Tree down across the road at the intersection of Santa Fe Street and High Street. Time is radar estimated.				
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WOODWARD COUNTY --- 7.7 ESE MUTUAL [36.19, -99.04]				
	06/17/23 20:05 CST		0	Thunderstorm Wind (MG 57 kt)
	06/17/23 20:05 CST		0	Source: Mesonet
Seiling (SEIL) Mesonet observation.				
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WOODS COUNTY --- 2.5 WNW HOPETON [36.71, -98.71]				
	06/17/23 20:10 CST		0	Thunderstorm Wind (MG 51 kt)
	06/17/23 20:10 CST		0	Source: Mesonet
Alva (ALV2) Mesonet observation.				
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WOODS COUNTY --- 9.9 ENE CAMP HOUSTON [36.84, -98.95]				
	06/17/23 20:16 CST		0	Thunderstorm Wind (MG 52 kt)
	06/17/23 20:16 CST		0	Source: Public
CWOP station (DW7732 Alva) observation.				
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WOODS COUNTY --- 2.5 WNW HOPETON [36.71, -98.71]				
	06/17/23 20:20 CST		0	Thunderstorm Wind (MG 51 kt)
	06/17/23 20:20 CST		0	Source: Mesonet
Alva (ALV2) Mesonet observation.				
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ALFALFA COUNTY --- 1.0 N BURLINGTON [36.91, -98.42], 2.0 NE BURLINGTON [36.92, -98.40]				
	06/17/23 20:24 CST		0	Tornado (EFU, L: 1.50 mi , W: 30 yd)
	06/17/23 20:25 CST		0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tornado developed and produced a Tornadic Debris Signature (TDS) on the KVMX radar north of Burlington. The tornado moved primarily over cropland, although it did apparently damage a few trees.				
MAJOR COUNTY --- CLEO SPRINGS [36.41, -98.44]				
	06/17/23 20:25 CST		5K	Thunderstorm Wind (EG 61 kt)
	06/17/23 20:25 CST		0	Source: Public
A large outbuilding had its roof blown off. Time is radar estimated.				
MAJOR COUNTY --- 1.3 S CLEO SPRINGS [36.39, -98.44]				
	06/17/23 20:26 CST		0	Thunderstorm Wind (EG 66 kt)
	06/17/23 20:26 CST		0	Source: Trained Spotter
Estimated wind gust.				
ALFALFA COUNTY --- 0.7 W CHEROKEE [36.75, -98.36]				
	06/17/23 20:35 CST		0	Thunderstorm Wind (MG 50 kt)
	06/17/23 20:35 CST		0	Source: Mesonet
Cherokee (CHER) Mesonet observation.				
JEFFERSON COUNTY --- 1.0 N RINGLING [34.19, -97.59]				
	06/17/23 20:50 CST		0	Thunderstorm Wind (MG 51 kt)
	06/17/23 20:50 CST		0	Source: Mesonet
Ringling (RING) Mesonet observation.				
MAJOR COUNTY --- 3.8 E MENO [36.38, -98.11]				
	06/17/23 20:55 CST		0	Thunderstorm Wind (MG 58 kt)
	06/17/23 20:55 CST		0	Source: Mesonet
Lahoma (LAHO) Mesonet observation.				
CARTER COUNTY --- LONE GROVE [34.18, -97.26]				
	06/17/23 21:05 CST		0	Thunderstorm Wind (EG 56 kt)
	06/17/23 21:05 CST		0	Source: Public
Social media image showing an 8–12-inch diameter tree limb blown down. Time is radar estimated.				
CARTER COUNTY --- 3.1 NW ARDMORE [34.21, -97.17]				
	06/17/23 21:10 CST		10K	Thunderstorm Wind (EG 56 kt)
	06/17/23 21:10 CST		0	Source: Trained Spotter
Roof damage to a large warehouse. Thirty-nine air vents were removed from the roofing structure which lead to extensive water damage inside the warehouse. Time is radar estimated.				
CARTER COUNTY --- 4.7 NE LONE GROVE [34.23, -97.20]				
	06/17/23 21:10 CST		0	Thunderstorm Wind (MG 60 kt)
	06/17/23 21:10 CST		0	Source: Mesonet
Newport (NEWP) Mesonet observation.				
CARTER COUNTY --- 1.7 WNW ARDMORE [34.18, -97.17]				
	06/17/23 21:11 CST		0	Thunderstorm Wind (EG 56 kt)
	06/17/23 21:11 CST		0	Source: Emergency Manager
Semi-trailer blown over on Interstate 35 near mile marker 32. Time is radar estimated.				
CARTER COUNTY --- 1.2 NW ARDMORE [34.18, -97.16]				
	06/17/23 21:12 CST		10K	Thunderstorm Wind (EG 56 kt)
	06/17/23 21:12 CST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Tree blown down, landing on a mobile home. Time is radar estimated.				
GARFIELD COUNTY --- 0.5 SSE (END)VANCE AFB ENID [36.33, -97.92]				
	06/17/23 21:12 CST		0	Thunderstorm Wind (MG 50 kt)
	06/17/23 21:12 CST		0	Source: ASOS
Vance Air Force Base (KEND) observation.				
BLAINE COUNTY --- 0.9 NW WATONGA [35.86, -98.42]				
	06/17/23 21:15 CST		0	Thunderstorm Wind (MG 50 kt)
	06/17/23 21:15 CST		0	Source: AWOS
Watonga Report Airport (KJWG) observation.				
GARFIELD COUNTY --- 0.5 SSE (END)VANCE AFB ENID [36.33, -97.92]				
	06/17/23 21:18 CST		0	Thunderstorm Wind (MG 56 kt)
	06/17/23 21:18 CST		0	Source: ASOS
Vance Air Force Base (KEND) observation.				
ROGER MILLS COUNTY --- 6.5 WNW DEMPSEY [35.54, -99.93]				
	06/17/23 21:19 CST		0	Hail (2.25 in)
	06/17/23 21:19 CST		0	Source: Public
Social media image. Time is radar estimated.				
PONTOTOC COUNTY --- 1.2 ESE ADA [34.76, -96.66]				
	06/17/23 21:20 CST		0	Thunderstorm Wind (EG 52 kt)
	06/17/23 21:20 CST		0	Source: Public
Social media image showing a 6–12-inch diameter tree limb blown down. Time is radar estimated.				
PONTOTOC COUNTY --- 1.3 NNE FITZHUGH [34.69, -96.76]				
	06/17/23 21:20 CST		0	Thunderstorm Wind (EG 52 kt)
	06/17/23 21:20 CST		0	Source: Emergency Manager
Tree blown down on State Highway 1, near the intersection of County Road 3510. Time is radar estimated.				
GARFIELD COUNTY --- 0.5 SSE (END)VANCE AFB ENID [36.33, -97.92]				
	06/17/23 21:26 CST		0	Thunderstorm Wind (MG 52 kt)
	06/17/23 21:26 CST		0	Source: ASOS
Vance Air Force Base (KEND) observation.				
MARSHALL COUNTY --- 4.3 NNW LEBANON [34.04, -96.94]				
	06/17/23 21:30 CST		0	Thunderstorm Wind (MG 55 kt)
	06/17/23 21:30 CST		0	Source: Mesonet
Madill (MADI) Mesonet observation.				
JOHNSTON COUNTY --- 0.4 WNW RAVIA [34.24, -96.77]				
	06/17/23 21:34 CST		5K	Thunderstorm Wind (EG 61 kt)
	06/17/23 21:34 CST		0	Source: Emergency Manager
Roof of residence damaged near the intersection of Highway 1 and Buffalo Road. Time is radar estimated.				
JOHNSTON COUNTY --- RAVIA [34.24, -96.76]				
	06/17/23 21:34 CST		20K	Thunderstorm Wind (EG 61 kt)
	06/17/23 21:34 CST		0	Source: Public
Tin roof removed from a house, multiple trees uprooted and power lines down in and near the community of Ravia. Time is radar estimated.				

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GARFIELD COUNTY --- 2.8 SE BRECKINRIDGE [36.41, -97.69]				
	06/17/23 21:35 CST		0	Thunderstorm Wind (MG 63 kt)
	06/17/23 21:35 CST		0	Source: Mesonet
Breckinridge (BREC) Mesonet observation.				
MARSHALL COUNTY --- 4.3 NNW LEBANON [34.04, -96.94]				
	06/17/23 21:35 CST		0	Thunderstorm Wind (MG 50 kt)
	06/17/23 21:35 CST		0	Source: Mesonet
Madill (MADI) Mesonet observation.				
CADDO COUNTY --- HYDRO [35.55, -98.58]				
	06/17/23 21:45 CST		0	Hail (1.25 in)
	06/17/23 21:45 CST		0	Source: Public
Social media report. Time is radar estimated.				
LOGAN COUNTY --- 3.1 SSE MARSHALL [36.12, -97.61]				
	06/17/23 21:45 CST		0	Thunderstorm Wind (MG 59 kt)
	06/17/23 21:45 CST		0	Source: Mesonet
Marshall (MRSH) Mesonet observation.				
LOGAN COUNTY --- 4.0 SSW SEWARD [35.75, -97.52]				
	06/17/23 21:48 CST		0	Thunderstorm Wind (EG 65 kt)
	06/17/23 21:48 CST		0	Source: Public
Video showing a few large trees snapped along with numerous large (12+ inch diameter) tree limbs blown down. Time is radar estimated.				
LOGAN COUNTY --- 4.0 SSW SEWARD [35.75, -97.52]				
	06/17/23 21:49 CST		0	Thunderstorm Wind (EG 70 kt)
	06/17/23 21:49 CST		0	Source: Public
A number of large trees were downed or damaged. Time is estimated.				
KAY COUNTY --- NEWKIRK [36.88, -97.06]				
	06/17/23 21:50 CST		5K	Thunderstorm Wind (EG 52 kt)
	06/17/23 21:50 CST		0	Source: Emergency Manager
Numerous power lines blown down. Time is radar estimated.				
LOGAN COUNTY --- 3.1 SSE MARSHALL [36.12, -97.61]				
	06/17/23 21:50 CST		0	Thunderstorm Wind (MG 60 kt)
	06/17/23 21:50 CST		0	Source: Mesonet
Marshall (MRSH) Mesonet observation.				
OKLAHOMA COUNTY --- 3.6 NNE EDMOND [35.70, -97.46]				
	06/17/23 21:53 CST		0	Thunderstorm Wind (EG 56 kt)
	06/17/23 21:53 CST		0	Source: Public
Several 3-inch diameter tree limbs blown down.				
LOGAN COUNTY --- 3.9 NW MULHALL [36.10, -97.45]				
	06/17/23 21:54 CST		20K	Thunderstorm Wind (EG 70 kt)
	06/17/23 21:54 CST		0	Source: Emergency Manager
Report of a house severely damaged. Time is radar estimated.				
BECKHAM COUNTY --- ELK CITY [35.41, -99.42]				

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/17/23 21:55 CST		0	Hail (0.88 in)
	06/17/23 21:55 CST		0	Source: Public
Social media report.				
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CANADIAN COUNTY --- 3.6 SE PIEDMONT [35.60, -97.71]				
	06/17/23 21:55 CST		0	Thunderstorm Wind (MG 51 kt)
	06/17/23 21:55 CST		0	Source: AWOS
Sundance Airport (KHSD) observation.				
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LOGAN COUNTY --- 3.1 SSE MARSHALL [36.12, -97.61]				
	06/17/23 21:55 CST		0	Thunderstorm Wind (MG 60 kt)
	06/17/23 21:55 CST		0	Source: Mesonet
Marshall (MRSH) Mesonet observation.				
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OKLAHOMA COUNTY --- 2.0 W EDMOND [35.65, -97.52]				
	06/17/23 21:55 CST		0	Thunderstorm Wind (EG 56 kt)
	06/17/23 21:55 CST		0	Source: Public
Social media image showing a 12–18-inch diameter tree snapped near the base. Time is radar estimated.				
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OKLAHOMA COUNTY --- 3.0 SSE EDMOND [35.61, -97.46]				
	06/17/23 22:00 CST		0	Thunderstorm Wind (EG 56 kt)
	06/17/23 22:00 CST		0	Source: Public
Social media image showing multiple large (12+ inch diameter) tree limbs blown down. Time is radar estimated.				
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LOGAN COUNTY --- 0.9 NE COYLE [35.96, -97.23]				
	06/17/23 22:01 CST		2K	Thunderstorm Wind (EG 56 kt)
	06/17/23 22:01 CST		0	Source: Emergency Manager
Power lines blown down.				
<hr/>				
LOGAN COUNTY --- 2.1 SSE GUTHRIE [35.85, -97.41]				
	06/17/23 22:03 CST		0	Thunderstorm Wind (MG 50 kt)
	06/17/23 22:03 CST		0	Source: ASOS
Guthrie Municipal Airport (KGOK) observation.				
<hr/>				
OKLAHOMA COUNTY --- 0.8 NNE (PWA)WILEY POST APT [35.54, -97.65]				
	06/17/23 22:03 CST		0	Thunderstorm Wind (MG 51 kt)
	06/17/23 22:03 CST		0	Source: ASOS
Wiley Post Airport (KPWA) observation.				
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OKLAHOMA COUNTY --- 0.1 S (OKC)WILL ROGERS APT [35.39, -97.60]				
	06/17/23 22:04 CST		0	Thunderstorm Wind (MG 51 kt)
	06/17/23 22:04 CST		0	Source: ASOS
Will Rogers World Airport (KOKC) observation.				
<hr/>				
BRYAN COUNTY --- 3.9 SSW ARMSTRONG [34.00, -96.37]				
	06/17/23 22:05 CST		10K	Thunderstorm Wind (EG 61 kt)
	06/17/23 22:05 CST		0	Source: Emergency Manager
Numerous power poles and tree limbs blown down. Time is radar estimated.				
<hr/>				
OKLAHOMA COUNTY --- 1.0 NW OKLAHOMA CITY [35.48, -97.52]				
	06/17/23 22:05 CST		5K	Thunderstorm Wind (EG 52 kt)
	06/17/23 22:05 CST		0	Source: Public

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A 180-pound telecommunications pole, located on top of a 5-story building, blown down. Time is radar estimated.				
PAYNE COUNTY --- 5.4 SSW LAKE CARL BLACKWELL DAM [36.06, -97.21]				
	06/17/23 22:05 CST		0	Thunderstorm Wind (MG 50 kt)
	06/17/23 22:05 CST		0	Source: Mesonet
Marena (MARE) Mesonet observation.				
CLEVELAND COUNTY --- 1.0 SSW MOORE [35.33, -97.50]				
	06/17/23 22:10 CST		5K	Thunderstorm Wind (EG 52 kt)
	06/17/23 22:10 CST		0	Source: Public
Windows of a residence blown out. Time is radar estimated.				
CLEVELAND COUNTY --- 3.0 SW MOORE [35.31, -97.53]				
	06/17/23 22:10 CST		2K	Thunderstorm Wind (EG 52 kt)
	06/17/23 22:10 CST		0	Source: Public
Power pole blown down. Time is radar estimated.				
OKLAHOMA COUNTY --- 2.0 NW DEL CITY [35.47, -97.46]				
	06/17/23 22:10 CST		0	Thunderstorm Wind (MG 52 kt)
	06/17/23 22:10 CST		0	Source: Mesonet
Oklahoma City East (OKCE) Mesonet observation.				
OKLAHOMA COUNTY --- MIDWEST CITY [35.46, -97.39]				
	06/17/23 22:10 CST		0	Thunderstorm Wind (EG 56 kt)
	06/17/23 22:10 CST		0	Source: Public
Social media image showing a 24–36-inch diameter tree uprooted. Time is radar estimated.				
OKLAHOMA COUNTY --- NICOMA PARK [35.49, -97.32]				
	06/17/23 22:10 CST		0	Thunderstorm Wind (EG 52 kt)
	06/17/23 22:10 CST		0	Source: Public
Numerous large (12+ inch diameter) tree limbs blown down. Time is radar estimated.				
PAYNE COUNTY --- 5.4 SSW LAKE CARL BLACKWELL DAM [36.06, -97.21]				
	06/17/23 22:10 CST		0	Thunderstorm Wind (MG 58 kt)
	06/17/23 22:10 CST		0	Source: Mesonet
Marena (MARE) Mesonet observation.				
OKLAHOMA COUNTY --- 2.7 NW OKLAHOMA CITY [35.49, -97.55]				
	06/17/23 22:11 CST		5K	Thunderstorm Wind (EG 56 kt)
	06/17/23 22:11 CST		0	Source: Trained Spotter
Report of 4-inch diameter tree limbs blown down, along with gutter and shingle damage, near the intersection of 23rd Street and Pennsylvania Avenue.				
OKLAHOMA COUNTY --- 0.1 S (OKC)WILL ROGERS APT [35.39, -97.60]				
	06/17/23 22:12 CST		0	Thunderstorm Wind (MG 55 kt)
	06/17/23 22:12 CST		0	Source: ASOS
Will Rogers World Airport (KOKC) observation.				
OKLAHOMA COUNTY --- LUTHER [35.66, -97.19]				
	06/17/23 22:12 CST		2K	Thunderstorm Wind (EG 52 kt)
	06/17/23 22:12 CST		0	Source: Public
Social media image showing a power pole snapped. Time is radar estimated.				

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATOKA COUNTY --- 0.5 NNE ATOKA [34.39, -96.13]				
	06/17/23 22:15 CST		20K	Thunderstorm Wind (EG 56 kt)
	06/17/23 22:15 CST		0	Source: Emergency Manager
Multiple structures with varying degrees of roof damage. A large brick building had a partial roof collapse. Time is radar estimated.				
ATOKA COUNTY --- ATOKA [34.38, -96.13]				
	06/17/23 22:15 CST		0	Thunderstorm Wind (MG 55 kt)
	06/17/23 22:15 CST		0	Source: Emergency Manager
Numerous large tree limbs blown down throughout the community of Atoka. Time is radar estimated.				
BRYAN COUNTY --- 0.9 NNE DURANT EAKER ARPT [33.94, -96.39]				
	06/17/23 22:15 CST		0	Thunderstorm Wind (MG 53 kt)
	06/17/23 22:15 CST		0	Source: AWOS
Durant/Eaker Field Airport (KDUA) observation.				
CLEVELAND COUNTY --- 0.5 S (OUN)NORMAN WESTHEIMER ARPT [35.24, -97.47]				
	06/17/23 22:15 CST		0	Thunderstorm Wind (MG 52 kt)
	06/17/23 22:15 CST		0	Source: AWOS
Norman/Max Westheimer Airport (KOUN) observation.				
CLEVELAND COUNTY --- 1.0 SSE (OUN)NORMAN WESTHEIMER ARPT [35.24, -97.46]				
	06/17/23 22:15 CST		0	Thunderstorm Wind (MG 52 kt)
	06/17/23 22:15 CST		0	Source: Mesonet
Norman (NRMN) Mesonet observation.				
PAYNE COUNTY --- 0.7 S PERKINS [35.97, -97.03]				
	06/17/23 22:15 CST		10K	Thunderstorm Wind (EG 61 kt)
	06/17/23 22:15 CST		0	Source: Emergency Manager
Extensive tree damage, including numerous trees blocking city streets, in the community of Perkins. Time is radar estimated.				
PAYNE COUNTY --- 1.6 NW PERKINS [36.00, -97.05]				
	06/17/23 22:15 CST		0	Thunderstorm Wind (MG 50 kt)
	06/17/23 22:15 CST		0	Source: Mesonet
Perkins (PERK) Mesonet observation.				
PAYNE COUNTY --- 5.4 SSW LAKE CARL BLACKWELL DAM [36.06, -97.21]				
	06/17/23 22:15 CST		0	Thunderstorm Wind (MG 67 kt)
	06/17/23 22:15 CST		0	Source: Mesonet
Marena (MARE) Mesonet observation.				
LINCOLN COUNTY --- WELLSTON [35.69, -97.06]				
	06/17/23 22:16 CST		5K	Thunderstorm Wind (EG 56 kt)
	06/17/23 22:16 CST		0	Source: Emergency Manager
Numerous power lines blown down and a tree blocking the road in the community of Wellston.				
CLEVELAND COUNTY --- 1.2 SW NORMAN [35.21, -97.45]				
	06/17/23 22:17 CST		0	Thunderstorm Wind (EG 52 kt)
	06/17/23 22:17 CST		0	Source: Public
Social media image showing a large tree blown down near the intersection of Flood Avenue and Parsons Street.				
CLEVELAND COUNTY --- 1.6 S NORMAN [35.20, -97.44]				

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/17/23 22:17 CST		0	Thunderstorm Wind (EG 52 kt)
	06/17/23 22:17 CST		0	Source: Trained Spotter
An 8–10-inch diameter tree limb was blown down. Time is radar estimated.				
CLEVELAND COUNTY --- 2.0 NNW NORMAN [35.25, -97.45]				
	06/17/23 22:17 CST		0	Thunderstorm Wind (MG 51 kt)
	06/17/23 22:17 CST		0	Source: NWS Employee
Ambient weather station observation.				
LINCOLN COUNTY --- 3.8 WNW TRYON [35.90, -97.02]				
	06/17/23 22:18 CST		0	Thunderstorm Wind (EG 52 kt)
	06/17/23 22:18 CST		0	Source: Tribal Official
Multiple tree limbs blown down near the intersection of Highway 177 and East County Road 770. Time is radar estimated.				
LINCOLN COUNTY --- 4.7 NW TRYON [35.91, -97.02]				
	06/17/23 22:18 CST		5K	Thunderstorm Wind (EG 56 kt)
	06/17/23 22:18 CST		0	Source: Tribal Official
Estimated 65 mph wind gust along with damage to multiple large tents. Time is radar estimated.				
CLEVELAND COUNTY --- 1.0 SSE (OUN)NORMAN WESTHEIMER ARPT [35.24, -97.46]				
	06/17/23 22:20 CST		0	Thunderstorm Wind (MG 54 kt)
	06/17/23 22:20 CST		0	Source: Mesonet
Norman (NRMN) Mesonet observation.				
CLEVELAND COUNTY --- 2.0 S NORMAN [35.19, -97.44]				
	06/17/23 22:20 CST		5K	Thunderstorm Wind (EG 52 kt)
	06/17/23 22:20 CST		0	Source: Public
Social media image showing a free-standing metal wall, at a building under construction, collapsed due to thunderstorm wind. Time is radar estimated.				
CLEVELAND COUNTY --- 2.8 S NORMAN [35.18, -97.44]				
	06/17/23 22:20 CST		0	Thunderstorm Wind (EG 52 kt)
	06/17/23 22:20 CST		0	Source: NWS Employee
Large tree uprooted along with damage to a road sign near the intersection of Highway 9 and Jenkins Avenue. Time is radar estimated.				
LINCOLN COUNTY --- 0.4 SSW AGRA [35.90, -96.87]				
	06/17/23 22:20 CST		5K	Thunderstorm Wind (EG 56 kt)
	06/17/23 22:20 CST		0	Source: Emergency Manager
Power lines blown down. Time is radar estimated.				
PAYNE COUNTY --- 1.6 NW PERKINS [36.00, -97.05]				
	06/17/23 22:20 CST		0	Thunderstorm Wind (MG 62 kt)
	06/17/23 22:20 CST		0	Source: Mesonet
Perkins (PERK) Mesonet observation.				
PAYNE COUNTY --- 5.4 SSW LAKE CARL BLACKWELL DAM [36.06, -97.21]				
	06/17/23 22:20 CST		0	Thunderstorm Wind (MG 52 kt)
	06/17/23 22:20 CST		0	Source: Mesonet
Marena (MARE) Mesonet observation.				
PAYNE COUNTY --- 0.2 NNE (SWO)STILLWATER AIRPORT [36.16, -97.09]				
	06/17/23 22:21 CST		0	Thunderstorm Wind (MG 51 kt)
	06/17/23 22:21 CST		0	Source: ASOS

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Stillwater Regional Airport (KSWO) observation.				
LINCOLN COUNTY --- 6.5 NNW JACKTOWN [35.59, -97.06]				
	06/17/23 22:23 CST		0	Thunderstorm Wind (EG 52 kt)
	06/17/23 22:23 CST		0	Source: Public
Report of 6–8-inch diameter tree limbs blown down. Time is radar estimated.				
OKLAHOMA COUNTY --- 0.6 NE (TIK)TINKER AFB [35.42, -97.38]				
	06/17/23 22:25 CST		0	Thunderstorm Wind (MG 51 kt)
	06/17/23 22:25 CST		0	Source: AWOS
Tinker Air Force Base (KTIK) observation.				
PAYNE COUNTY --- 1.6 NW PERKINS [36.00, -97.05]				
	06/17/23 22:25 CST		0	Thunderstorm Wind (MG 56 kt)
	06/17/23 22:25 CST		0	Source: Mesonet
Perkins (PERK) Mesonet observation.				
PAYNE COUNTY --- 0.7 N CUSHING [35.99, -96.76]				
	06/17/23 22:26 CST		0	Thunderstorm Wind (EG 52 kt)
	06/17/23 22:26 CST		0	Source: Emergency Manager
Estimated 60 mph wind gust reported in the community of Cushing.				
PAYNE COUNTY --- 1.4 N CUSHING [36.00, -96.76]				
	06/17/23 22:26 CST		10K	Thunderstorm Wind (EG 61 kt)
	06/17/23 22:26 CST		0	Source: Storm Chaser
Several large tree limbs blown down along with significant damage to a carport. Power lines were also reported down in the vicinity.				
PAYNE COUNTY --- CUSHING [35.98, -96.76]				
	06/17/23 22:26 CST		20K	Thunderstorm Wind (EG 61 kt)
	06/17/23 22:26 CST		0	Source: Emergency Manager
Multiple power poles blown down and roof damage to several buildings in the community of Cushing. Time is radar estimated.				
PAYNE COUNTY --- 1.4 W CUSHING [35.98, -96.79]				
	06/17/23 22:30 CST		20K	Thunderstorm Wind (MG 85 kt)
	06/17/23 22:30 CST		0	Source: Emergency Manager
Davis Weather Station observation. Station mounted at an elevation of 31-feet. In addition, numerous 24–36-inch diameter trees uprooted along with a roof completely removed from a brick building. Time is radar estimated.				
PAYNE COUNTY --- 0.2 NNE (SWO)STILLWATER AIRPORT [36.16, -97.09]				
	06/17/23 22:31 CST		0	Thunderstorm Wind (MG 50 kt)
	06/17/23 22:31 CST		0	Source: ASOS
Stillwater Regional Airport (KSWO) observation.				
PAYNE COUNTY --- 3.9 NE CUSHING [36.02, -96.71]				
	06/17/23 22:37 CST		0	Thunderstorm Wind (MG 62 kt)
	06/17/23 22:37 CST		0	Source: Public
Personal weather station observation. In addition, multiple large trees snapped in the vicinity.				
PAYNE COUNTY --- YALE [36.11, -96.70]				
	06/17/23 22:37 CST		20K	Thunderstorm Wind (EG 70 kt)
	06/17/23 22:37 CST		0	Source: Emergency Manager
Structural damage throughout the community of Yale. Time is radar estimated.				

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
POTTAWATOMIE COUNTY --- 1.0 NW SHAWNEE [35.34, -96.93]				
	06/17/23 22:40 CST		0	Thunderstorm Wind (EG 52 kt)
	06/17/23 22:40 CST		0	Source: Public
Social media image showing a 12–18-inch diameter tree limb blown down. Time is radar estimated.				
<p>Another unseasonably strong upper trough approached the region during the day on the 17th. Widespread thunderstorm development occurred across the High Plains, from southwest Kansas into the central Texas Panhandle by the late afternoon. The combination of anomalously (for mid-June) high magnitudes of wind shear and instability produced widespread severe weather outcomes across southern, central and northern Oklahoma. By the late evening hours, convection had organized into a mature bow echo across north-central Oklahoma, where numerous significant wind gusts (and damage) were observed. Similar outcomes occurred into portions of northeastern Oklahoma towards early morning hours of the 18th.</p>				
(OK-Z011) MAJOR, (OK-Z012) GARFIELD, (OK-Z016) CUSTER, (OK-Z020) PAYNE, (OK-Z021) BECKHAM, (OK-Z023) CADDO, (OK-Z025) OKLAHOMA, (OK-Z030) POTTAWATOMIE, (OK-Z032) HUGHES, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z038) COMANCHE, (OK-Z044) COTTON, (OK-Z045) JEFFERSON, (OK-Z048) ATOKA, (OK-Z050) LOVE				
	06/19/23 12:00 CST		0	Heat
	06/21/23 21:00 CST		0	
Heat and humidity combined to yield 105-110 degree heat indices across portions of the area during the afternoon/evening of the 19th through 21st.				
(OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z010) WOODWARD, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z016) CUSTER, (OK-Z021) BECKHAM, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z036) JACKSON				
	06/20/23 00:00 CST		0	Drought
	06/26/23 23:59 CST		0	
While bouts of organized heavy rainfall occurred (associated with deep convection) across portions of west-central and northwestern Oklahoma, areas of severe to extreme drought continued from western into northern Oklahoma during the middle of June.				
(OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z024) CANADIAN, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z031) SEMINOLE, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z042) PONTOTOC, (OK-Z043) COAL, (OK-Z045) JEFFERSON, (OK-Z046) CARTER, (OK-Z047) JOHNSTON, (OK-Z050) LOVE, (OK-Z051) MARSHALL, (OK-Z052) BRYAN				
	06/20/23 12:00 CST		0	Excessive Heat
	06/20/23 20:00 CST		0	
Hot temperatures and high humidity combined to create dangerous heat indices of 110-115+ degrees across portions of southern, central and northern Oklahoma during the afternoon/evening of the 20th.				
ROGER MILLS COUNTY --- 5.5 SW CHEYENNE [35.55, -99.73]				
	06/22/23 15:40 CST		0	Thunderstorm Wind (MG 52 kt)
	06/22/23 15:40 CST		0	Source: Mesonet
Cheyenne (CHEY) Mesonet observation.				
ROGER MILLS COUNTY --- 5.5 SW CHEYENNE [35.55, -99.73]				
	06/22/23 15:45 CST		0	Thunderstorm Wind (MG 53 kt)
	06/22/23 15:45 CST		0	Source: Mesonet
Cheyenne (CHEY) Mesonet observation.				
ROGER MILLS COUNTY --- 5.5 SW CHEYENNE [35.55, -99.73]				
	06/22/23 15:50 CST		0	Thunderstorm Wind (MG 55 kt)
	06/22/23 15:50 CST		0	Source: Mesonet
Cheyenne (CHEY) Mesonet observation.				
BECKHAM COUNTY --- 4.0 N ELK CITY [35.47, -99.42]				
	06/22/23 16:10 CST		10K	Thunderstorm Wind (EG 61 kt)
	06/22/23 16:10 CST		0	Source: Broadcast Media

Large free-standing communications tower collapsed due to thunderstorm wind. Time is radar estimated.

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WASHITA COUNTY --- 4.3 NNE CORN [35.44, -98.76]				
	06/22/23 17:16 CST		0	Thunderstorm Wind (MG 64 kt)
	06/22/23 17:16 CST		0	Source: Trained Spotter
<p>A semi-organized cluster of thunderstorms slowly moved from the High Plains of southeastern Colorado/southwest Kansas towards the forecast area during the day on the 22nd. Owing to sufficient wind shear and strong instability, a few wind gusts of severe caliber were noted as the complex moved across western Oklahoma. Marginal instability towards central Oklahoma/I-35 corridor caused the system to weaken across these areas.</p>				
WASHITA COUNTY --- 3.8 ENE BURNS FLAT [35.38, -99.12]				
	06/23/23 09:33 CST		0	Hail (1.00 in)
	06/23/23 09:33 CST		0	Source: Public
MPing report.				
BECKHAM COUNTY --- ELK CITY [35.41, -99.42]				
	06/23/23 09:38 CST		5K	Thunderstorm Wind (EG 56 kt)
	06/23/23 09:38 CST		0	Source: Public
MPing report of tree and power pole damage.				
CUSTER COUNTY --- 5.6 SW BUTLER [35.59, -99.27]				
	06/23/23 09:45 CST		0	Thunderstorm Wind (MG 57 kt)
	06/23/23 09:45 CST		0	Source: Mesonet
Butler (BUTL) Mesonet observation.				
WASHITA COUNTY --- 1.2 N (CSM)CLINTON SHERMAN AIRPORT [35.36, -99.20]				
	06/23/23 09:53 CST		0	Thunderstorm Wind (MG 55 kt)
	06/23/23 09:53 CST		0	Source: ASOS
Clinton-Sherman Airport (KCSM) observation.				
CUSTER COUNTY --- 1.0 WSW WEATHERFORD [35.52, -98.72], 0.9 WSW WEATHERFORD [35.52, -98.71], 0.8 WSW WEATHERFORD [35.52, -98.71], 0.8 SW WEATHERFORD [35.52, -98.71]				
	06/23/23 10:30 CST		5K	Flash Flood (due to Heavy Rain)
	06/23/23 13:30 CST		0	Source: Public
Social media video showing 1-3 feet of flowing water across the road near the intersection of West Rainey Street and West Main Street.				
BLAINE COUNTY --- 6.5 W WATONGA [35.84, -98.53]				
	06/23/23 10:45 CST		0	Thunderstorm Wind (MG 60 kt)
	06/23/23 10:45 CST		0	Source: Mesonet
Watonga (WATO) Mesonet observation.				
KIOWA COUNTY --- MOUNTAIN VIEW [35.10, -98.75]				
	06/23/23 10:54 CST		0	Hail (1.25 in)
	06/23/23 10:54 CST		0	Source: Public
MPing report. Based on radar evidence, hailfall likely occurred prior (1035-1045 LST) to report.				
CADDO COUNTY --- 1.2 SW FT COBB RES DAM [35.15, -98.47]				
	06/23/23 11:00 CST		0	Thunderstorm Wind (MG 66 kt)
	06/23/23 11:00 CST		0	Source: Mesonet
Fort Cobb (FTCB) Mesonet observation.				
CANADIAN COUNTY --- 4.7 SSW EL RENO [35.47, -98.00]				
	06/23/23 11:15 CST		0	Thunderstorm Wind (MG 52 kt)
	06/23/23 11:15 CST		0	Source: AWOS

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
El Reno Regional Airport (KRQO) observation.				
CANADIAN COUNTY --- 3.9 E RICHLAND [35.58, -97.73]				
	06/23/23 11:30 CST	0		Thunderstorm Wind (EG 56 kt)
	06/23/23 11:30 CST	0		Source: Public
Social media image showing an 8–12-inch diameter tree snapped. Time is radar estimated.				
OKLAHOMA COUNTY --- 0.8 NNE (PWA)WILEY POST APT [35.54, -97.65]				
	06/23/23 11:33 CST	0		Thunderstorm Wind (MG 51 kt)
	06/23/23 11:33 CST	0		Source: ASOS
Wiley Post Airport (KPWA) observation.				
OKLAHOMA COUNTY --- 1.7 SE WARR ACRES [35.50, -97.60]				
	06/23/23 11:40 CST	0		Thunderstorm Wind (EG 56 kt)
	06/23/23 11:40 CST	0		Source: Public
Social media image showing a 24–36-inch diameter tree blown down. Time is radar estimated.				
Convection during the early morning hours of the 23rd, centered across the Texas Panhandle, organized into a small mesoscale convective system (MCS) as it entered into portions of western Oklahoma by the mid-morning time frame. Severe wind gusts, a report of large hail and urban flash flooding were noted from western into central Oklahoma through the early afternoon hours.				
(OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z016) CUSTER, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z020) PAYNE, (OK-Z021) BECKHAM, (OK-Z024) CANADIAN, (OK-Z025) OKLAHOMA, (OK-Z026) LINCOLN, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z031) SEMINOLE, (OK-Z032) HUGHES, (OK-Z033) HARMON, (OK-Z035) KIOWA, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z042) PONTOTOC, (OK-Z043) COAL, (OK-Z044) COTTON, (OK-Z045) JEFFERSON, (OK-Z046) CARTER, (OK-Z047) JOHNSTON, (OK-Z048) ATOKA, (OK-Z050) LOVE, (OK-Z051) MARSHALL, (OK-Z052) BRYAN				
	06/24/23 12:00 CST	0		Heat
	06/29/23 20:00 CST	0		
Heat and humidity combined to yield 105–110-degree heat indices across portions of the area during the afternoon/evening of the 24th through 29th.				
(OK-Z013) NOBLE, (OK-Z018) KINGFISHER, (OK-Z020) PAYNE, (OK-Z025) OKLAHOMA, (OK-Z026) LINCOLN, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z031) SEMINOLE, (OK-Z032) HUGHES, (OK-Z034) GREER, (OK-Z037) TILLMAN, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z042) PONTOTOC, (OK-Z043) COAL, (OK-Z045) JEFFERSON, (OK-Z046) CARTER, (OK-Z047) JOHNSTON, (OK-Z048) ATOKA, (OK-Z050) LOVE, (OK-Z051) MARSHALL, (OK-Z052) BRYAN				
	06/24/23 12:00 CST	0		Excessive Heat
	06/29/23 20:00 CST	0		
Hot temperatures and high humidity combined to create dangerous heat indices of 110-115+ degrees across portions of southern, central and northern Oklahoma during the afternoon/evening of the 24th through 29th.				
(OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z036) JACKSON				
	06/27/23 00:00 CST	0		Drought
	06/30/23 23:59 CST	0		
While periods of heavy rainfall continued through the end of June across the area, severe to extreme drought remained across far southwest and northeast Oklahoma.				
OKLAHOMA COUNTY --- 0.9 NW (PWA)WILEY POST APT [35.54, -97.66]				
	06/27/23 06:39 CST	0		Hail (0.75 in)
	06/27/23 06:39 CST	0		Source: Public
MPing report.				
GARFIELD COUNTY --- 2.8 SE BRECKINRIDGE [36.41, -97.69]				
	06/27/23 06:55 CST	0		Thunderstorm Wind (MG 50 kt)
	06/27/23 06:55 CST	0		Source: Mesonet

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Breckinridge (BREC) Mesonet observation.				
PAYNE COUNTY --- 5.4 SSW LAKE CARL BLACKWELL DAM [36.06, -97.21]				
	06/27/23 07:20 CST		0	Thunderstorm Wind (MG 52 kt)
	06/27/23 07:20 CST		0	Source: Mesonet
Marena (MARE) Mesonet observation.				
LINCOLN COUNTY --- 2.1 SSW WELLSTON [35.66, -97.07]				
	06/27/23 07:24 CST		0	Thunderstorm Wind (EG 65 kt)
	06/27/23 07:24 CST		0	Source: Emergency Manager
Reported by Broken Arrow Emergency Manager.				
PAYNE COUNTY --- 1.6 NW PERKINS [36.00, -97.05]				
	06/27/23 07:25 CST		0	Thunderstorm Wind (MG 54 kt)
	06/27/23 07:25 CST		0	Source: Mesonet
Perkins (PERK) Mesonet observation.				
PAYNE COUNTY --- 1.6 NW PERKINS [36.00, -97.05]				
	06/27/23 07:30 CST		0	Thunderstorm Wind (MG 69 kt)
	06/27/23 07:30 CST		0	Source: Mesonet
Perkins (PERK) Mesonet observation.				
PAYNE COUNTY --- PERKINS [35.98, -97.03]				
	06/27/23 07:30 CST		20K	Thunderstorm Wind (EG 61 kt)
	06/27/23 07:30 CST		0	Source: Emergency Manager
Damage to outbuildings, roofs, and trees in and near the community of Perkins. Time is radar estimated.				
LINCOLN COUNTY --- 3.0 WNW DAVENPORT [35.72, -96.82]				
	06/27/23 07:55 CST		0	Thunderstorm Wind (MG 57 kt)
	06/27/23 07:55 CST		0	Source: AWOS
Chandler Municipal Airport (KCQB) observation.				
WOODS COUNTY --- 13.6 NNE CAMP HOUSTON [36.99, -99.01]				
	06/27/23 20:50 CST		0	Thunderstorm Wind (MG 50 kt)
	06/27/23 20:50 CST		0	Source: Mesonet
May Ranch (MAYR) Mesonet observation.				
WOODWARD COUNTY --- 17.2 N MOORELAND ARPT [36.73, -99.14]				
	06/27/23 21:00 CST		0	Thunderstorm Wind (MG 52 kt)
	06/27/23 21:00 CST		0	Source: Mesonet
Freedom (FREE) Mesonet observation.				
KAY COUNTY --- 7.9 SW HARDY [36.90, -96.91]				
	06/27/23 22:55 CST		0	Thunderstorm Wind (MG 55 kt)
	06/27/23 22:55 CST		0	Source: Mesonet
Newkirk (NEWK) Mesonet observation.				

A generally weak/sub-severe cluster of thunderstorms/small mesoscale convective system (MCS) approached the forecast area towards daybreak on the 27th. While the background severe weather environment was modest, strengthening of the system occurred across east-central Oklahoma, with significant severe wind events noted across Payne County. Into the evening of the 27th, a mature MCS developed across far southwestern Kansas/Oklahoma Panhandle and subsequently moved across portions of northern Oklahoma. A few severe caliber wind gusts were measured across the area through the late evening hours.

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WASHITA COUNTY --- 4.1 WNW BESSIE [35.40, -99.06]				
	06/30/23 17:55 CST		0	Thunderstorm Wind (MG 54 kt)
	06/30/23 17:55 CST		0	Source: Mesonet

Bessie (BESS) Mesonet observation.

WASHITA COUNTY --- 4.1 WNW BESSIE [35.40, -99.06]				
	06/30/23 18:00 CST		0	Thunderstorm Wind (MG 63 kt)
	06/30/23 18:00 CST		0	Source: Mesonet

Bessie (BESS) Mesonet observation.

DEWEY COUNTY --- 2.8 NNE PUTNAM [35.90, -98.96]				
	06/30/23 18:35 CST		0	Thunderstorm Wind (MG 51 kt)
	06/30/23 18:35 CST		0	Source: Mesonet

Putnam (PUTN) Mesonet observation.

A loosely organized area of thunderstorms developed along propagating outflow from the Texas Panhandle into portions of western and southwestern Oklahoma. A few severe wind gusts were noted beneath the strongest developing thunderstorm cores.

TEXAS, Western North

CLAY COUNTY --- 4.9 SW BLUEGROVE [33.63, -98.30]				
	06/12/23 13:51 CST		0	Hail (0.88 in)
	06/12/23 13:51 CST		0	Source: Trained Spotter

During the afternoon of the 12th, sufficient (elevated) instability and wind shear existed such that storm development, in the vicinity of a stationary boundary across north Texas, produced reports of sub-severe hail.

WICHITA COUNTY --- 0.9 NW KADANE CORNER [33.86, -98.84]				
	06/15/23 17:33 CST		0	Hail (1.00 in)
	06/15/23 17:33 CST		0	Source: Broadcast Media

WICHITA COUNTY --- 6.3 SW WICHITA FALLS [33.85, -98.57]				
	06/15/23 18:01 CST		0	Hail (1.00 in)
	06/15/23 18:01 CST		0	Source: Public

MPing report.

WICHITA COUNTY --- 1.1 W WICHITA FALLS [33.91, -98.51]				
	06/15/23 18:15 CST		0	Hail (1.00 in)
	06/15/23 18:15 CST		0	Source: Public

WICHITA COUNTY --- 3.7 S WICHITA FALLS [33.86, -98.50]				
	06/15/23 18:17 CST		0	Hail (1.25 in)
	06/15/23 18:17 CST		0	Source: Public

MPing report.

CLAY COUNTY --- 4.6 SSE HENRIETTA [33.76, -98.17], 6.4 SE HENRIETTA [33.74, -98.13]				
	06/15/23 19:02 CST		8K	Tornado (EF1, L: 2.50 mi , W: 100 yd)
	06/15/23 19:08 CST		0	Source: Emergency Manager

Spotters and chasers reported a tornado southeast of Henrietta. This tornado likely developed near New London Road about 2 miles south of US-287. It initially moved southeast, and then east crossing New York Road where a large tree was downed, an outbuilding destroyed and one house received roof damage. Chaser video showed the tornado as a slowly rotating dust column with faster moving subvorticies at times rotating around the primary circulation.

The approach of an anomalously strong (for mid-June) upper-level disturbance lead to a widespread severe weather outbreak across portions of the forecast area during the afternoon into late evening of the 15th. This included the development of numerous supercell

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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thunderstorms across the area. Despite relatively high cloud bases, strong low-level instability and wind shear aided tornadic outcomes, with a tornado occurring in eastern Clay County. Reports of large hail were also received.

WICHITA COUNTY --- KAMAY [33.86, -98.81]

	06/17/23 20:03 CST	0	0	Hail (1.75 in)
	06/17/23 20:03 CST	0	0	Source: Emergency Manager

Another unseasonably strong upper trough approached the region during the day on the 17th. Widespread thunderstorm development occurred across the High Plains, from southwest Kansas into the central Texas Panhandle by the late afternoon. This included a supercell thunderstorm that impacted portions of Wichita County, producing a report of large hail.

(TX-Z086) WICHITA, (TX-Z089) ARCHER, (TX-Z090) CLAY

	06/19/23 12:00 CST	0	0	Heat
	06/19/23 20:00 CST	0	0	

Heat and humidity combined to yield 110–115-degree heat indices across portions of western-north Texas during the afternoon/evening of the 19th.

(TX-Z086) WICHITA

	06/20/23 12:00 CST	0	0	Excessive Heat
	06/20/23 20:00 CST	0	0	

Hot temperatures and high humidity combined to create dangerous heat indices of 115+ degrees across portions of western-north Texas during the afternoon/evening of the 20th.

(TX-Z085) WILBARGER, (TX-Z086) WICHITA, (TX-Z088) BAYLOR, (TX-Z089) ARCHER, (TX-Z090) CLAY

	06/21/23 12:00 CST	0	0	Heat
	06/21/23 20:00 CST	0	0	

Heat and humidity combined to yield 110–115-degree heat indices across portions of western-north Texas during the afternoon/evening of the 21st.

HARDEMAN COUNTY --- 1.5 SSW GOODLETT [34.32, -99.89]

	06/22/23 17:25 CST	0	0	Hail (1.75 in)
	06/22/23 17:25 CST	0	0	Source: Broadcast Media

Image shared via KOLJ. Time is radar estimated.

HARDEMAN COUNTY --- 0.9 NE COPPER BREAKS ST PK [34.12, -99.73]

	06/22/23 18:00 CST	0	0	Hail (2.25 in)
	06/22/23 18:00 CST	0	0	Source: Broadcast Media

Imaged shared via KOLJ. Time is radar estimated.

FOARD COUNTY --- CROWELL [33.98, -99.72]

	06/22/23 18:25 CST	0	0	Hail (2.50 in)
	06/22/23 18:25 CST	0	0	Source: COOP Observer

KNOX COUNTY --- 3.0 W TRUSCOTT [33.75, -99.86]

	06/22/23 18:57 CST	0	0	Hail (1.00 in)
	06/22/23 18:57 CST	0	0	Source: COOP Observer

KNOX COUNTY --- RHINELAND [33.53, -99.65]

	06/22/23 19:36 CST	0	0	Hail (2.75 in)
	06/22/23 19:36 CST	0	0	Source: Emergency Manager

KNOX COUNTY --- MUNDAY [33.45, -99.63]

	06/22/23 19:39 CST	0	0	Hail (1.00 in)
	06/22/23 19:39 CST	0	0	Source: Public

MPing report.

Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Severe thunderstorm development occurred across western-north Texas during the evening of the 22nd. While, wind shear was marginally sufficient for supercell storm structures, a few such storm types did emerge. One of these storms produced large to very large hail from Hardeman to Knox County during the evening time frame.

ARCHER COUNTY --- 3.9 NNE MANKINS [33.83, -98.77]

	06/23/23 10:23 CST	0		Hail (1.00 in)
	06/23/23 10:23 CST	0		Source: Trained Spotter

HARDEMAN COUNTY --- 3.4 W GOODLETT [34.34, -99.94]

	06/23/23 19:33 CST	0		Thunderstorm Wind (MG 60 kt)
	06/23/23 19:33 CST	0		Source: Mesonet

Goodlett (GOOD) Mesonet observation.

HARDEMAN COUNTY --- 3.4 W GOODLETT [34.34, -99.94]

	06/23/23 19:45 CST	0		Thunderstorm Wind (MG 50 kt)
	06/23/23 19:45 CST	0		Source: Mesonet

Goodlett (GOOD) Mesonet observation.

HARDEMAN COUNTY --- 3.5 S CHILLICOTHE [34.21, -99.52]

	06/23/23 20:31 CST	0		Hail (0.88 in)
	06/23/23 20:31 CST	0		Source: Broadcast Media

KNOX COUNTY --- 3.7 NNW GOREE [33.52, -99.54]

	06/23/23 22:10 CST	0		Thunderstorm Wind (MG 58 kt)
	06/23/23 22:10 CST	0		Source: Mesonet

Hefner (HEFN) Mesonet observation.

BAYLOR COUNTY --- 2.2 SW SEYMOUR MUNI ARPT [33.63, -99.29]

	06/23/23 22:25 CST	0		Thunderstorm Wind (MG 60 kt)
	06/23/23 22:25 CST	0		Source: Mesonet

Seymour (SEYM) Mesonet observation.

BAYLOR COUNTY --- 2.2 SW SEYMOUR MUNI ARPT [33.63, -99.29]

	06/23/23 22:30 CST	0		Thunderstorm Wind (MG 63 kt)
	06/23/23 22:30 CST	0		Source: Mesonet

Seymour (SEYM) Mesonet observation.

By the evening of the 23rd, as an upper system moved out across the Central Plains, widespread thunderstorm development occurred across the Texas Panhandle into Rolling Plains. A mix of cellular and linear storms moved across western-north Texas during the late evening time frame, producing reports of severe wind gusts and sub-severe hail across the area.

(TX-Z083) HARDEMAN, (TX-Z085) WILBARGER, (TX-Z086) WICHITA, (TX-Z089) ARCHER, (TX-Z090) CLAY

	06/24/23 12:00 CST	0		Heat
	06/28/23 20:00 CST	0		

Heat and humidity combined to yield 110–115-degree heat indices across portions of western-north Texas during the afternoon/evening of the 24th through 28th.

(TX-Z086) WICHITA, (TX-Z089) ARCHER, (TX-Z090) CLAY

	06/24/23 12:00 CST	0		Excessive Heat
	06/27/23 19:00 CST	0		

Hot temperatures and high humidity combined to create dangerous heat indices of 115+ degrees across portions of western-north Texas during the afternoon/evening of the 24th through 27th.