

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central and Southeast				
(OK-Z006) ALFALFA, (OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z036) JACKSON				
	07/01/23 00:00 CST		0	Drought
	07/10/23 23:59 CST		0	
While continued periods of rainfall improved drought conditions across west-central Oklahoma, severe to extreme drought persisted across pockets of southwest and far north-central Oklahoma.				
GARFIELD COUNTY --- DOUGLAS [36.26, -97.67]				
	07/03/23 12:10 CST		0	Thunderstorm Wind (EG 52 kt)
	07/03/23 12:10 CST		0	Source: Emergency Manager
Estimated wind gust.				
PONTOTOC COUNTY --- 1.8 N ADA [34.80, -96.68]				
	07/03/23 12:29 CST		0	Hail (0.75 in)
	07/03/23 12:29 CST		0	Source: Public
MPing report.				
PONTOTOC COUNTY --- 0.6 E ADA [34.77, -96.67]				
	07/03/23 12:36 CST		0	Hail (1.00 in)
	07/03/23 12:36 CST		0	Source: Public
MPing report.				
PONTOTOC COUNTY --- 0.9 SW ADA [34.76, -96.69]				
	07/03/23 12:45 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/03/23 12:45 CST		0	Source: Emergency Manager
Report of power poles snapped.				
LOVE COUNTY --- 2.1 ESE BURNEYVILLE [33.89, -97.27]				
	07/03/23 16:35 CST		0	Thunderstorm Wind (MG 56 kt)
	07/03/23 16:35 CST		0	Source: Mesonet
Burneyville (BURN) Mesonet observation.				
JACKSON COUNTY --- 1.1 SSE ALTUS [34.63, -99.32]				
	07/03/23 16:57 CST		0	Hail (0.75 in)
	07/03/23 16:57 CST		0	Source: Public
MPing report.				
JACKSON COUNTY --- 3.7 S ALTUS [34.59, -99.34]				
	07/03/23 17:00 CST		0	Thunderstorm Wind (MG 51 kt)
	07/03/23 17:00 CST		0	Source: Mesonet
Altus (ALTU) Mesonet observation.				
JACKSON COUNTY --- 3.7 S ALTUS [34.59, -99.34]				
	07/03/23 17:05 CST		0	Thunderstorm Wind (MG 50 kt)
	07/03/23 17:05 CST		0	Source: Mesonet
Altus (ALTU) Mesonet observation.				
JACKSON COUNTY --- 3.7 S ALTUS [34.59, -99.34]				

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	07/03/23 17:15 CST		0	Thunderstorm Wind (MG 53 kt)
	07/03/23 17:15 CST		0	Source: Mesonet

Altus (ALTU) Mesonet observation.

COTTON COUNTY --- 4.0 NNW WALTERS [34.40, -98.35]

	07/03/23 17:55 CST		0	Thunderstorm Wind (MG 69 kt)
	07/03/23 17:55 CST		0	Source: Mesonet

Walters (WAL2) Mesonet observation.

Strong to severe thunderstorms developed in the vicinity of a weak cold/surface front across central into southern Oklahoma on the afternoon of the 3rd. Despite weak magnitudes of organizing wind shear, a few storms produced reports of large hail and damaging wind across the aforementioned areas.

(OK-Z048) ATOKA, (OK-Z050) LOVE, (OK-Z052) BRYAN

	07/05/23 12:00 CST		0	Heat
	07/05/23 20:00 CST		0	

Heat and humidity combined to yield 105--110-degree heat indices across southeastern Oklahoma during the afternoon/evening of the 5th.

(OK-Z037) TILLMAN

	07/05/23 23:15 CST		10K	High Wind (MAX 52 kt)
	07/05/23 23:15 CST		0	

Despite a rather nebulous upper air pattern, a weak impulse instigated deep convection across western into southwestern Oklahoma. Sufficient wind shear and instability allowed for at least transient storm organization. While severe outcomes concentrated south of the Red River, a wake low developed behind convection and produced wind damage across Tillman County.

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

	07/06/23 03:25 CST		0	Thunderstorm Wind (MG 51 kt)
	07/06/23 03:25 CST		0	Source: Mesonet

Arnett (ARNE) Mesonet observation.

A mesoscale convective system (MCS) moved into parts of northwestern Oklahoma early on the morning of the 6th. While generally weak/unsupportive magnitudes of wind shear and instability lead to its gradual decay across the area, a severe-caliber wind gust was measured in Ellis County.

WOODWARD COUNTY --- 3.1 SW TANGIER [36.39, -99.57]

	07/07/23 03:18 CST		0	Hail (1.25 in)
	07/07/23 03:18 CST		0	Source: COOP Observer

Time is radar estimated.

WOODWARD COUNTY --- 2.3 SSW TANGIER [36.39, -99.55]

	07/07/23 03:20 CST		10K	Thunderstorm Wind (EG 61 kt)
	07/07/23 03:20 CST		0	Source: COOP Observer

Multiple power poles snapped in the vicinity. Time is radar estimated.

WOODWARD COUNTY --- 3.1 SW TANGIER [36.39, -99.57]

	07/07/23 03:20 CST		0	Thunderstorm Wind (EG 61 kt)
	07/07/23 03:20 CST		0	Source: COOP Observer

A 40-foot-tall tree, 18 inches in diameter, snapped near the base. Time is radar estimated.

WOODWARD COUNTY --- 4.8 SSW WOODWARD [36.36, -99.41]

	07/07/23 03:35 CST		10K	Thunderstorm Wind (EG 61 kt)
	07/07/23 03:35 CST		0	Source: Broadcast Media

Numerous power poles and lines blown down in the vicinity. Time is radar estimated.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WOODWARD COUNTY --- 1.6 WSW WOODWARD [36.42, -99.42]				
	07/07/23 03:40 CST		0	Thunderstorm Wind (MG 56 kt)
	07/07/23 03:40 CST		0	Source: Mesonet
Woodward (WOOD) Mesonet observation.				
WOODWARD COUNTY --- 1.6 WSW WOODWARD [36.42, -99.42]				
	07/07/23 03:45 CST		0	Thunderstorm Wind (MG 60 kt)
	07/07/23 03:45 CST		0	Source: Mesonet
Woodward (WOOD) Mesonet observation.				
WOODWARD COUNTY --- 0.2 SSW WOODWARD ARPT [36.44, -99.52]				
	07/07/23 03:55 CST		0	Thunderstorm Wind (MG 51 kt)
	07/07/23 03:55 CST		0	Source: AWOS
West Woodward Airport (KWWR) observation.				
WOODWARD COUNTY --- 4.7 WNW MOORELAND [36.45, -99.29]				
	07/07/23 03:55 CST		0	Thunderstorm Wind (EG 56 kt)
	07/07/23 03:55 CST		0	Source: Public
Social media images showing multiple large (6-inch+ diameter) tree limbs blown down in Boiling Springs State Park. Time is radar estimated.				
WOODWARD COUNTY --- 0.3 ENE MUTUAL [36.23, -99.16]				
	07/07/23 04:02 CST		10K	Thunderstorm Wind (EG 61 kt)
	07/07/23 04:02 CST		0	Source: Emergency Manager
Metal roof blown off of the Mutual Fire Department building. Time is radar estimated.				
WOODWARD COUNTY --- 7.7 ESE MUTUAL [36.19, -99.04]				
	07/07/23 04:40 CST		0	Thunderstorm Wind (MG 54 kt)
	07/07/23 04:40 CST		0	Source: Mesonet
Seiling (SEIL) Mesonet observation.				
WOODWARD COUNTY --- 7.7 ESE MUTUAL [36.19, -99.04]				
	07/07/23 04:45 CST		0	Thunderstorm Wind (MG 59 kt)
	07/07/23 04:45 CST		0	Source: Mesonet
Seiling (SEIL) Mesonet observation.				
ROGER MILLS COUNTY --- 1.0 N HAMMON [35.65, -99.38]				
	07/07/23 04:53 CST		0	Hail (0.75 in)
	07/07/23 04:53 CST		0	Source: Trained Spotter
(OK-Z005) WOODS				
	07/07/23 05:20 CST		0	High Wind (MAX 57 kt)
	07/07/23 05:20 CST		0	
KINGFISHER COUNTY --- 0.6 E OKARCHE [35.73, -97.97]				
	07/07/23 06:23 CST		0	Thunderstorm Wind (MG 50 kt)
	07/07/23 06:23 CST		0	Source: Trained Spotter
KINGFISHER COUNTY --- 0.5 NW KINGFISHER [35.86, -97.94], 0.3 N KINGFISHER [35.86, -97.93], 0.2 S KINGFISHER [35.86, -97.93], 0.4 WSW KINGFISHER [35.86, -97.94]				
	07/07/23 06:30 CST		10K	Flash Flood (due to Heavy Rain)
	07/07/23 09:30 CST		0	Source: Department of Highways

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US Highway 81 was closed at the intersection of State Highway 3 and 33 in the community of Kingfisher. In addition, broadcast media video showed a car stalled in floodwaters near this intersection.				
COMANCHE COUNTY --- 0.2 NNE MEERS [34.78, -98.58]				
	07/07/23 06:54 CST		0	Thunderstorm Wind (MG 63 kt)
	07/07/23 06:54 CST		0	Source: Trained Spotter
CLEVELAND COUNTY --- 1.3 S MOORE [35.32, -97.49]				
	07/07/23 07:05 CST		10K	Thunderstorm Wind (EG 52 kt)
	07/07/23 07:05 CST		0	Source: Emergency Manager
Light pole blown down onto a vehicle. Time is radar estimated.				
OKLAHOMA COUNTY --- 0.1 S (OKC)WILL ROGERS APT [35.39, -97.60]				
	07/07/23 07:06 CST		0	Thunderstorm Wind (MG 53 kt)
	07/07/23 07:06 CST		0	Source: ASOS
Will Rogers World Airport (KOKC) observation.				
STEPHENS COUNTY --- 2.0 S DUNCAN [34.47, -97.96]				
	07/07/23 07:55 CST		0	Thunderstorm Wind (MG 52 kt)
	07/07/23 07:55 CST		0	Source: AWOS
Duncan Halliburton Field Airport (KDUC) observation.				
ELLIS COUNTY --- 0.7 N SHATTUCK [36.28, -99.88]				
	07/07/23 18:57 CST		20K	Thunderstorm Wind (EG 70 kt)
	07/07/23 18:57 CST		0	Source: Broadcast Media
Report of a brick building collapse. Time is radar estimated.				
BECKHAM COUNTY --- 5.5 SSE ELK CITY [35.33, -99.39]				
	07/07/23 19:45 CST		0	Thunderstorm Wind (MG 59 kt)
	07/07/23 19:45 CST		0	Source: Mesonet
Elk City (ELKC) Mesonet observation.				
BECKHAM COUNTY --- 1.1 E ELK CITY [35.41, -99.40]				
	07/07/23 19:50 CST		0	Thunderstorm Wind (EG 56 kt)
	07/07/23 19:50 CST		0	Source: Public
Tree blown down near the Elk City Police Department. Time is radar estimated.				
BECKHAM COUNTY --- 2.0 NE ELK CITY [35.43, -99.39]				
	07/07/23 19:50 CST		0	Thunderstorm Wind (MG 64 kt)
	07/07/23 19:50 CST		0	Source: AWOS
Elk City Regional Airport (KELK) observation.				
CUSTER COUNTY --- 0.9 SW FOSS RES DAM [35.53, -99.20]				
	07/07/23 19:50 CST		50K	Thunderstorm Wind (EG 78 kt)
	07/07/23 19:50 CST		0	Source: Park/Forest Service
Damage to a cabin, travel trailer and vehicles, along with extensive tree damage, at Foss State Park. Time is radar estimated.				
DEWEY COUNTY --- 3.2 W CAMARGO [36.03, -99.35]				
	07/07/23 19:50 CST		0	Thunderstorm Wind (MG 56 kt)
	07/07/23 19:50 CST		0	Source: Mesonet
Camargo (CAMA) Mesonet observation.				
WOODWARD COUNTY --- 1.6 WSW WOODWARD [36.42, -99.42]				

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	07/07/23 19:55 CST		0	Thunderstorm Wind (MG 52 kt)
	07/07/23 19:55 CST		0	Source: Mesonet

Woodward (WOOD) Mesonet observation.

CUSTER COUNTY --- CLINTON [35.51, -98.97]

	07/07/23 20:15 CST		20K	Thunderstorm Wind (EG 61 kt)
	07/07/23 20:15 CST		0	Source: Emergency Manager

Report of power pole, power line and tree damage throughout the community of Clinton. This includes a portion of US Highway 183 blocked by downed power poles. Time is radar estimated.

CUSTER COUNTY --- 0.5 NNE CLINTON [35.52, -98.97]

	07/07/23 20:17 CST		20K	Thunderstorm Wind (EG 61 kt)
	07/07/23 20:17 CST		0	Source: Emergency Manager

Top three-quarters of a communication tower broken and blown down. Time is radar estimated.

JACKSON COUNTY --- 1.5 ESE (LTS)ALTUS AFB [34.65, -99.27]

	07/07/23 20:26 CST		0	Thunderstorm Wind (MG 60 kt)
	07/07/23 20:26 CST		0	Source: ASOS

Altus Air Force Base (KLTS) observation.

On the morning of the 7th, a robust mesoscale convective system (MCS) entered portions of northwestern Oklahoma and translated towards central Oklahoma through mid-morning hours. A corridor of wind damage occurred across Woodward County due to a mesovortex. Elsewhere, intermittent increases in storm intensity lead to reports and measurements of severe-caliber wind and small hail. Brief training of heavy thunderstorm cores also lead to street flooding near the community of Kingfisher.

During the evening hours of the 7th, an additional MCS developed across the Texas Panhandle and entered western Oklahoma. Once again, wind damage occurred with the most intense portions of the thunderstorm line. This included a report of extensive wind damage near Foss State Park in Custer County.

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

	07/09/23 00:35 CST		0	Thunderstorm Wind (MG 50 kt)
	07/09/23 00:35 CST		0	Source: Mesonet

Arnett (ARNE) Mesonet observation.

CLEVELAND COUNTY --- 1.8 SW NORMAN [35.20, -97.46]

	07/09/23 00:40 CST		0	Hail (1.25 in)
	07/09/23 00:40 CST		0	Source: Public

MPing report.

CLEVELAND COUNTY --- 2.4 SSW NORMAN [35.19, -97.46]

	07/09/23 00:40 CST		0	Hail (1.00 in)
	07/09/23 00:40 CST		0	Source: Public

MPing report.

DEWEY COUNTY --- 2.8 NNE PUTNAM [35.90, -98.96]

	07/09/23 00:45 CST		0	Thunderstorm Wind (MG 52 kt)
	07/09/23 00:45 CST		0	Source: Mesonet

Putnam (PUTN) Mesonet observation.

DEWEY COUNTY --- 2.8 NNE PUTNAM [35.90, -98.96]

	07/09/23 00:50 CST		0	Thunderstorm Wind (MG 53 kt)
	07/09/23 00:50 CST		0	Source: Mesonet

Putnam (PUTN) Mesonet observation.

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	07/09/23 00:55 CST		0	Thunderstorm Wind (MG 63 kt)
	07/09/23 00:55 CST		0	Source: Mesonet
Putnam (PUTN) Mesonet observation.				
CLEVELAND COUNTY --- 1.3 ESE NORMAN [35.21, -97.42]				
	07/09/23 00:57 CST		0	Hail (1.00 in)
	07/09/23 00:57 CST		0	Source: Public
Based on radar evidence, hailfall likely occurred prior (0045-0055 LST) to report time.				
DEWEY COUNTY --- 2.8 NNE PUTNAM [35.90, -98.96]				
	07/09/23 01:00 CST		0	Thunderstorm Wind (MG 57 kt)
	07/09/23 01:00 CST		0	Source: Mesonet
Putnam (PUTN) Mesonet observation.				
DEWEY COUNTY --- 2.8 NNE PUTNAM [35.90, -98.96]				
	07/09/23 01:05 CST		0	Thunderstorm Wind (MG 51 kt)
	07/09/23 01:05 CST		0	Source: Mesonet
Putnam (PUTN) Mesonet observation.				
ROGER MILLS COUNTY --- 5.5 SW CHEYENNE [35.55, -99.73]				
	07/09/23 01:10 CST		0	Thunderstorm Wind (MG 52 kt)
	07/09/23 01:10 CST		0	Source: Mesonet
Cheyenne (CHEY) Mesonet observation.				
ROGER MILLS COUNTY --- 5.5 SW CHEYENNE [35.55, -99.73]				
	07/09/23 01:15 CST		0	Thunderstorm Wind (MG 50 kt)
	07/09/23 01:15 CST		0	Source: Mesonet
Cheyenne (CHEY) Mesonet observation.				
BECKHAM COUNTY --- ERICK [35.21, -99.87]				
	07/09/23 01:20 CST		0	Thunderstorm Wind (EG 52 kt)
	07/09/23 01:20 CST		0	Source: Public
Social media image showing multiple 6–12-inch diameter tree limbs blown down. Time is radar estimated.				
BECKHAM COUNTY --- ERICK [35.21, -99.87]				
	07/09/23 01:20 CST		5K	Thunderstorm Wind (EG 61 kt)
	07/09/23 01:20 CST		0	Source: Public
Social media image showing a snapped power pole in the community of Erick. Time is radar estimated.				
CUSTER COUNTY --- CUSTER CITY [35.66, -98.88]				
	07/09/23 01:20 CST		0	Thunderstorm Wind (EG 52 kt)
	07/09/23 01:20 CST		0	Source: Public
Social media image showing a 6–12-inch diameter tree limb blown down. Time is radar estimated.				
BECKHAM COUNTY --- SAYRE [35.30, -99.64]				
	07/09/23 01:26 CST		0	Thunderstorm Wind (EG 52 kt)
	07/09/23 01:26 CST		0	Source: Public
Social media image showing a 12–24-inch diameter tree snapped halfway up. Time is radar estimated.				
BECKHAM COUNTY --- 5.5 WSW ELK CITY [35.38, -99.51]				

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	07/09/23 01:28 CST		0	Thunderstorm Wind (EG 61 kt)
	07/09/23 01:28 CST		0	Source: Broadcast Media

Social media image showing a 12–24-inch diameter tree uprooted. Time is radar estimated.

CUSTER COUNTY --- 6.9 N WEATHERFORD [35.63, -98.69]

	07/09/23 01:34 CST		0	Hail (1.50 in)
	07/09/23 01:34 CST		0	Source: Public

MPing report.

BECKHAM COUNTY --- 2.4 E ELK CITY [35.41, -99.38]

	07/09/23 01:35 CST		30K	Thunderstorm Wind (EG 61 kt)
	07/09/23 01:35 CST		0	Source: Public

Numerous social media images showing the front entryway of a Walmart Supercenter blown inward by thunderstorm wind. Time is radar estimated.

CUSTER COUNTY --- WEATHERFORD [35.53, -98.70]

	07/09/23 01:38 CST		0.10M	Thunderstorm Wind (EG 87 kt)
	07/09/23 01:38 CST		0	Source: Emergency Manager

Multiple reports and images showing extensive wind damage throughout the community of Weatherford . This includes numerous power poles/lines blown down, large trees snapped/uprooted and windows broken in buildings on the Southwestern Oklahoma State University campus. In addition, a few homes had significant roof damage, including partial or complete removal, on the northeast side of the community. Time is radar estimated.

CUSTER COUNTY --- 0.2 ENE WEATHERFORD [35.53, -98.70]

	07/09/23 01:40 CST		5K	Thunderstorm Wind (EG 61 kt)
	07/09/23 01:40 CST		0	Source: Public

Social media image showing large tree limbs and powerlines blown down and a telephone pole snapped. Time is radar estimated.

WASHITA COUNTY --- 1.2 N (CSM)CLINTON SHERMAN AIRPORT [35.36, -99.20]

	07/09/23 01:48 CST		0	Thunderstorm Wind (MG 60 kt)
	07/09/23 01:48 CST		0	Source: ASOS

Clinton-Sherman Airport (KCSM) observation.

CANADIAN COUNTY --- 0.6 E YUKON [35.50, -97.73]

	07/09/23 01:53 CST		0	Hail (1.00 in)
	07/09/23 01:53 CST		0	Source: Public

MPing report.

WASHITA COUNTY --- DILL CITY [35.28, -99.13]

	07/09/23 01:55 CST		0	Thunderstorm Wind (EG 56 kt)
	07/09/23 01:55 CST		0	Source: Public

Social media image showing a 12–24-inch diameter tree uprooted. Time is radar estimated.

WASHITA COUNTY --- SENTINEL [35.16, -99.17]

	07/09/23 01:55 CST		0	Thunderstorm Wind (EG 56 kt)
	07/09/23 01:55 CST		0	Source: Public

Social media image showing a large tree blown down. Time is radar estimated.

CANADIAN COUNTY --- 1.9 E YUKON [35.50, -97.71]

	07/09/23 02:02 CST		0	Hail (1.00 in)
	07/09/23 02:02 CST		0	Source: Public

MPing report.

WASHITA COUNTY --- CORDELL [35.29, -98.99]

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	07/09/23 02:02 CST		0	Thunderstorm Wind (EG 56 kt)
	07/09/23 02:02 CST		0	Source: Broadcast Media

Social media image showing large (12–24-inch diameter) trees snapped. Time is radar estimated.

CANADIAN COUNTY --- 3.4 SSE YUKON [35.45, -97.73]

	07/09/23 02:05 CST		0	Hail (1.00 in)
	07/09/23 02:05 CST		0	Source: Public

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

	07/09/23 02:05 CST		2K	Thunderstorm Wind (EG 56 kt)
	07/09/23 02:05 CST		0	Source: Public

Social media image showing a large tree blown down, landing on a carport. Time is radar estimated.

OKLAHOMA COUNTY --- 1.5 WSW BETHANY [35.50, -97.66]

	07/09/23 02:05 CST		0	Hail (1.00 in)
	07/09/23 02:05 CST		0	Source: Public

MPing report.

CADDO COUNTY --- 5.6 W LOOKEBA [35.36, -98.46]

	07/09/23 02:08 CST		10K	Thunderstorm Wind (EG 65 kt)
	07/09/23 02:08 CST		0	Source: Public

Social media image showing a center irrigation pivot blown over. Time is radar estimated.

OKLAHOMA COUNTY --- 2.3 SSW BETHANY [35.48, -97.65]

	07/09/23 02:10 CST		0	Hail (1.50 in)
	07/09/23 02:10 CST		0	Source: Public

Phone call report.

OKLAHOMA COUNTY --- 1.4 WNW WHEATLAND [35.41, -97.67]

	07/09/23 02:13 CST		0	Hail (0.75 in)
	07/09/23 02:13 CST		0	Source: Public

MPing report.

JACKSON COUNTY --- 1.5 ESE (LTS)ALTUS AFB [34.65, -99.27]

	07/09/23 02:18 CST		0	Thunderstorm Wind (MG 53 kt)
	07/09/23 02:18 CST		0	Source: ASOS

Altus Air Force Base (KLTS) observation.

JACKSON COUNTY --- ALTUS [34.64, -99.33]

	07/09/23 02:19 CST		0	Thunderstorm Wind (EG 52 kt)
	07/09/23 02:19 CST		0	Source: Public

Social media image showing multiple large tree limbs blown down. Time is radar estimated.

CADDO COUNTY --- BINGER [35.31, -98.34]

	07/09/23 02:20 CST		0	Thunderstorm Wind (EG 56 kt)
	07/09/23 02:20 CST		0	Source: Public

Social media image showing a 12–24-inch diameter tree uprooted. Time is radar estimated.

CANADIAN COUNTY --- 12.2 SSW CALUMET [35.43, -98.19]

	07/09/23 02:20 CST		10K	Thunderstorm Wind (EG 61 kt)
	07/09/23 02:20 CST		0	Source: Public

Social media image showing solar panels blown off of the Cedar Lake Fire Department building. Time is radar estimated.

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	07/09/23 02:20 CST	0		Flash Flood (due to Heavy Rain)
	07/09/23 05:20 CST	0		Source: Public
Social media video showing water flowing across the road near the intersection of N 2420 Road and E 960 Road.				
OKLAHOMA COUNTY --- 3.5 SSE BETHANY [35.46, -97.61]				
	07/09/23 02:21 CST	0		Hail (1.75 in)
	07/09/23 02:21 CST	0		Source: Public
OKLAHOMA COUNTY --- 4.0 SSE BETHANY [35.46, -97.60]				
	07/09/23 02:21 CST	0		Hail (1.75 in)
	07/09/23 02:21 CST	0		Source: Public
MPing report.				
OKLAHOMA COUNTY --- (OKC)WILL ROGERS APT [35.39, -97.60]				
	07/09/23 02:28 CST	0		Hail (1.25 in)
	07/09/23 02:28 CST	0		Source: Official NWS Observations
Will Rogers World Airport (KOKC) observation.				
OKLAHOMA COUNTY --- 2.4 NNE (OKC)WILL ROGERS APT [35.42, -97.58]				
	07/09/23 02:28 CST	0		Hail (2.50 in)
	07/09/23 02:28 CST	0		Source: Public
MPing report.				
OKLAHOMA COUNTY --- 2.6 E (OKC)WILL ROGERS APT [35.39, -97.55]				
	07/09/23 02:28 CST	0		Hail (1.75 in)
	07/09/23 02:28 CST	0		Source: Public
CADDO COUNTY --- 1.2 SW FT COBB RES DAM [35.15, -98.47]				
	07/09/23 02:30 CST	0		Thunderstorm Wind (MG 50 kt)
	07/09/23 02:30 CST	0		Source: Mesonet
Fort Cobb (FTCB) Mesonet observation.				
JACKSON COUNTY --- 3.7 S ALTUS [34.59, -99.34]				
	07/09/23 02:30 CST	0		Thunderstorm Wind (MG 67 kt)
	07/09/23 02:30 CST	0		Source: Mesonet
Altus (ALTU) Mesonet observation.				
OKLAHOMA COUNTY --- 0.9 WSW OKLAHOMA CITY [35.47, -97.52]				
	07/09/23 02:30 CST	10K		Thunderstorm Wind (EG 52 kt)
	07/09/23 02:30 CST	0		Source: NWS Employee
Siding removed from the side of a large metal building. Time is radar estimated.				
OKLAHOMA COUNTY --- 3.7 SSE BETHANY [35.46, -97.60], 3.8 SSE BETHANY [35.46, -97.60], 4.0 SE BETHANY [35.46, -97.60], 3.9 SE BETHANY [35.46, -97.60]				
	07/09/23 02:30 CST	10K		Flash Flood (due to Heavy Rain)
	07/09/23 05:30 CST	0		Source: Broadcast Media
Vehicle submerged in floodwaters near the intersection of Reno Avenue and Meridian Avenue.				
OKLAHOMA COUNTY --- 3.7 NNE (OKC)WILL ROGERS APT [35.44, -97.57]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/09/23 02:32 CST		0	Hail (2.75 in)
	07/09/23 02:32 CST		0	Source: Trained Spotter
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TILLMAN COUNTY --- 0.1 NW TIPTON [34.50, -99.14]	07/09/23 02:40 CST		5K	Thunderstorm Wind (EG 52 kt)
	07/09/23 02:40 CST		0	Source: Emergency Manager
Image showing a small metal outbuilding destroyed. Time is radar estimated.				
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TILLMAN COUNTY --- 2.3 SE TIPTON ARPT [34.44, -99.14]	07/09/23 02:45 CST		0	Thunderstorm Wind (MG 53 kt)
	07/09/23 02:45 CST		0	Source: Mesonet
Tipton (TIPT) Mesonet observation.				
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OKLAHOMA COUNTY --- 0.1 S (OKC)WILL ROGERS APT [35.39, -97.60]	07/09/23 02:47 CST		0	Thunderstorm Wind (MG 61 kt)
	07/09/23 02:47 CST		0	Source: ASOS
Will Rogers World Airport (KOKC) observation.				
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CLEVELAND COUNTY --- 1.2 WSW MOORE [35.34, -97.51]	07/09/23 02:50 CST		0	Thunderstorm Wind (EG 52 kt)
	07/09/23 02:50 CST		0	Source: Public
Social media image showing a 6–12-inch diameter tree snapped near the base. Time is radar estimated.				
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CLEVELAND COUNTY --- 1.9 SW MOORE [35.32, -97.51]	07/09/23 02:50 CST		0	Thunderstorm Wind (EG 56 kt)
	07/09/23 02:50 CST		0	Source: Public
Social media image showing a 6–12-inch diameter tree branch blown down. Time is radar estimated.				
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CLEVELAND COUNTY --- 3.5 WSW MOORE [35.32, -97.55]	07/09/23 02:50 CST		30K	Thunderstorm Wind (EG 70 kt)
	07/09/23 02:50 CST		0	Source: Public
Numerous social media images showing multiple power poles blown over. This includes large metal and wooden power poles. Time is radar estimated.				
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CLEVELAND COUNTY --- 2.7 S MOORE [35.30, -97.49]	07/09/23 02:55 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/09/23 02:55 CST		0	Source: Public
Social media report showing shingle damage to a residence along with a 6–12-inch diameter tree snapped in half. Time is radar estimated.				
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CLEVELAND COUNTY --- 3.6 SSW MOORE [35.29, -97.51]	07/09/23 02:55 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/09/23 02:55 CST		0	Source: Broadcast Media
Social media report showing multiple power poles blown down near the intersection of Southwest 179 th Street and Santa Fe Avenue. Time is radar estimated.				
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GRADY COUNTY --- 1.1 N CHICKASHA ARPT [35.10, -97.97]	07/09/23 02:55 CST		0	Thunderstorm Wind (MG 52 kt)
	07/09/23 02:55 CST		0	Source: AWOS
Chickasha Municipal Airport (KCHK) observation.				
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CLEVELAND COUNTY --- 1.8 ENE (OUN)NORMAN WESTHEIMER ARPT [35.26, -97.44]	07/09/23 03:00 CST		0	Thunderstorm Wind (EG 56 kt)
	07/09/23 03:00 CST		0	Source: Public

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Large tree uprooted. Time is radar estimated.				
OKLAHOMA COUNTY --- 2.3 N (OKC)WILL ROGERS APT [35.42, -97.60], 2.3 N (OKC)WILL ROGERS APT [35.42, -97.60], 4.2 SSE BETHANY [35.46, -97.60], 4.0 SSE BETHANY [35.46, -97.60]				
	07/09/23 03:00 CST		10K	Flash Flood (due to Heavy Rain)
	07/09/23 06:00 CST		0	Source: Public
Numerous vehicles stalled in floodwaters along Meridian Avenue between Highway 152 and Interstate 40.				
TILLMAN COUNTY --- HOLLISTER [34.34, -98.87]				
	07/09/23 03:05 CST		0	Thunderstorm Wind (EG 50 kt)
	07/09/23 03:05 CST		0	Source: Emergency Manager
Estimated wind gust.				
TILLMAN COUNTY --- 0.5 E GRANDFIELD [34.23, -98.68]				
	07/09/23 03:15 CST		0	Thunderstorm Wind (EG 56 kt)
	07/09/23 03:15 CST		0	Source: Emergency Manager
Image showing a 6–12-inch diameter tree uprooted. Time is radar estimated.				
MCCLAIN COUNTY --- 1.1 WSW NEWCASTLE [35.24, -97.62]				
	07/09/23 03:20 CST		0	Thunderstorm Wind (EG 52 kt)
	07/09/23 03:20 CST		0	Source: NWS Employee
Estimated wind gust.				
STEPHENS COUNTY --- MARLOW [34.65, -97.96]				
	07/09/23 03:27 CST		0	Thunderstorm Wind (EG 56 kt)
	07/09/23 03:27 CST		0	Source: Public
Social media image showing a 12–24-inch diameter tree uprooted along with several large tree limbs blown down. Time is radar estimated.				
CANADIAN COUNTY --- 3.5 WSW MUSTANG [35.36, -97.77], 3.8 SW MUSTANG [35.36, -97.77], 5.8 WSW MUSTANG [35.36, -97.81], 5.6 WSW MUSTANG [35.36, -97.81]				
	07/09/23 03:30 CST		10K	Flash Flood (due to Heavy Rain)
	07/09/23 06:30 CST		0	Source: Public
Social media image showing a service road washed out due to flooding. Time and location are estimated.				
CLEVELAND COUNTY --- 1.2 WSW NORMAN [35.21, -97.46], 2.4 SSW NORMAN [35.19, -97.46], 2.2 SSE NORMAN [35.19, -97.43], 0.8 SE NORMAN [35.21, -97.43]				
	07/09/23 03:30 CST		10K	Flash Flood (due to Heavy Rain)
	07/09/23 06:30 CST		0	Source: Trained Spotter
Social media and broadcast images showing 6-12 inches of flowing water across the road at usual flood-prone intersections near the University of Oklahoma campus.				
CLEVELAND COUNTY --- 1.4 S MOORE [35.32, -97.49], 1.5 S MOORE [35.32, -97.49], 1.6 SSE MOORE [35.32, -97.48], 1.4 SSE MOORE [35.32, -97.48]				
	07/09/23 03:30 CST		50K	Flash Flood (due to Heavy Rain)
	07/09/23 06:30 CST		0	Source: Trained Spotter
Social media video showing multiple vehicles stranded in 4-6 feet of floodwater beneath the train underpass on Southwest 19th Street.				
CLEVELAND COUNTY --- 4.1 NW MOORE [35.38, -97.55], 4.0 SW MOORE [35.31, -97.55], 3.6 SE MOORE [35.31, -97.44], 3.8 NE MOORE [35.38, -97.44]				
	07/09/23 03:30 CST		0	Flash Flood (due to Heavy Rain)
	07/09/23 06:30 CST		0	Source: Emergency Manager
Reports of at least four locations of water rescues in and around the community of Moore.				
OKLAHOMA COUNTY --- 3.9 N SPENCER [35.57, -97.37], 4.0 NNE SPENCER [35.57, -97.37], 3.9 NNE SPENCER [35.56, -97.36], 3.8 N SPENCER [35.56, -97.37]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/09/23 03:30 CST		50K	Flash Flood (due to Heavy Rain)
	07/09/23 06:30 CST		0	Source: Broadcast Media

Large section of North Canadian River Bridge on Britton Road collapsed due to flooding. Time is estimated.

PONTOTOC COUNTY --- ALLEN [34.88, -96.41]

07/09/23 03:50 CST	0	Thunderstorm Wind (EG 52 kt)
07/09/23 03:50 CST	0	Source: Law Enforcement

Report of 6–9-inch diameter tree branches blown down throughout the community of Allen. Time is radar estimated.

CLEVELAND COUNTY --- 2.9 NNW (OUN)NORMAN WESTHEIMER ARPT [35.29, -97.48], 2.8 NNW (OUN)NORMAN WESTHEIMER ARPT [35.29, -97.48], 2.8 N (OUN)NORMAN WESTHEIMER ARPT [35.29, -97.48], 2.9 N (OUN)NORMAN WESTHEIMER ARPT [35.29, -97.48]

07/09/23 04:00 CST	10K	Flash Flood (due to Heavy Rain)
07/09/23 07:00 CST	0	Source: Trained Spotter

Heavy rainfall caused a dry creek bed to overtop portions of the Indian Hills Road bridge near the intersection of 24 th Avenue Northwest. Later broadcast media images showed at least one car stranded in the floodwaters.

CLEVELAND COUNTY --- 3.5 SE MOORE [35.30, -97.45], 3.3 SE MOORE [35.31, -97.45], 3.6 SE MOORE [35.31, -97.44], 3.7 SE MOORE [35.30, -97.44]

07/09/23 04:00 CST	0	Flash Flood (due to Heavy Rain)
07/09/23 07:00 CST	0	Source: Public

Heavy rainfall caused the North Fork of the Little River to rise out of its banks, flooding portions of Southeast 34th Street. Social media image. Time is estimated.

MCCLAIN COUNTY --- PURCELL [35.01, -97.37]

07/09/23 04:00 CST	0	Thunderstorm Wind (EG 56 kt)
07/09/23 04:00 CST	0	Source: Public

Social media image showing a very large (24–36-inch diameter) tree split in half. Time is radar estimated.

GARVIN COUNTY --- PAULS VALLEY [34.74, -97.22]

07/09/23 04:20 CST	0	Thunderstorm Wind (EG 56 kt)
07/09/23 04:20 CST	0	Source: Public

Social media image showing a 6–12-inch diameter tree limb blown down. Time is radar estimated.

PONTOTOC COUNTY --- 1.2 ENE ADA [34.78, -96.66]

07/09/23 05:15 CST	0	Thunderstorm Wind (EG 56 kt)
07/09/23 05:15 CST	0	Source: Public

Report of a 12–24-inch diameter tree split in half. Time is radar estimated.

CLEVELAND COUNTY --- 4.0 NNE NOBLE [35.19, -97.35], 3.3 NE NOBLE [35.18, -97.35], 3.4 NE NOBLE [35.18, -97.35], 4.1 NNE NOBLE [35.19, -97.35]

07/09/23 05:30 CST	10K	Flash Flood (due to Heavy Rain)
07/09/23 08:30 CST	0	Source: Broadcast Media

Heavy rainfall caused Dave Blue Creek to rise out its banks, flooding a portion of 60 th Avenue Southeast just south of Highway 9. Broadcast media video showing a stalled vehicle near this location. Time is estimated.

PONTOTOC COUNTY --- 0.6 ESE ADA [34.77, -96.67], 1.4 SSE ADA [34.75, -96.67], 1.8 SE ADA [34.75, -96.66], 1.4 E ADA [34.77, -96.66]

07/09/23 05:55 CST	0	Flash Flood (due to Heavy Rain)
07/09/23 08:55 CST	0	Source: Trained Spotter

Report of 4-8 inches of water flowing across roads on the south side of the community of Ada.

CLEVELAND COUNTY --- 3.3 NNW (OUN)NORMAN WESTHEIMER ARPT [35.29, -97.50], 2.7 NNW (OUN)NORMAN WESTHEIMER ARPT [35.28, -97.50], 2.6 NNW (OUN)NORMAN WESTHEIMER ARPT [35.28, -97.49], 3.2 NNW (OUN)NORMAN WESTHEIMER ARPT [35.29, -97.49]

07/09/23 08:00 CST	0	Flood (due to Heavy Rain)
07/09/23 11:00 CST	0	Source: Public

Social media image showing 6-12 inches of standing water across the road near the intersection of Indian Hills Road and 36th Avenue Northwest.

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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An impactful severe weather event occurred across portions of western into central Oklahoma during the early morning hours of the 9th. Initially, a broken line of strong to severe thunderstorms entered northwestern Oklahoma and slowly organized into a quasi-linear convective system (QLCS). Additional organized/severe storms developed across central Oklahoma owing to an increasing low-level jet/isentropic ascent. Sufficient wind shear and instability lead to a mix of supercell and cluster storm modes producing reports of large hail and wind damage. The strongest storm of the event developed on the western sides of the OKC metropolitan area and produced reports of baseball size hail in southwestern Oklahoma City. An additional area of particularly significant damage occurred near Weatherford in Custer County. In addition, owing to repeated rounds of heavy rainfall, significant urban and creek flooding occurred across portions of the OKC metropolitan area towards daybreak on the 9th.

(OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z013) NOBLE, (OK-Z036) JACKSON

07/11/23 00:00 CST	0	Drought
07/30/23 23:59 CST	0	

Heavy rainfall and organized storm complexes continued to improve drought conditions across much of the area. Severe to extreme drought persisted in confined areas of southwest and far north-central Oklahoma.

POTTAWATOMIE COUNTY --- 3.5 N SHAWNEE [35.38, -96.93]

07/11/23 00:49 CST	0	Hail (0.75 in)
07/11/23 00:49 CST	0	Source: Public

MPing report.

POTTAWATOMIE COUNTY --- 0.3 NW SHAWNEE [35.33, -96.92]

07/11/23 00:52 CST	0	Hail (1.00 in)
07/11/23 00:52 CST	0	Source: NWS Employee

OKLAHOMA COUNTY --- 7.1 NW THE VILLAGE [35.64, -97.64]

07/11/23 01:10 CST	0	Hail (1.00 in)
07/11/23 01:10 CST	0	Source: Trained Spotter

CUSTER COUNTY --- 0.2 WNW WEATHERFORD [35.53, -98.70]

07/11/23 01:14 CST	0	Thunderstorm Wind (EG 52 kt)
07/11/23 01:14 CST	0	Source: Trained Spotter

Estimated wind gust.

OKLAHOMA COUNTY --- 4.1 W EDMOND [35.65, -97.55]

07/11/23 01:14 CST	0	Hail (1.25 in)
07/11/23 01:14 CST	0	Source: Broadcast Media

OKLAHOMA COUNTY --- 4.7 NW THE VILLAGE [35.62, -97.61]

07/11/23 01:14 CST	0	Hail (1.00 in)
07/11/23 01:14 CST	0	Source: Public

OKLAHOMA COUNTY --- 5.3 N (PWA)WILEY POST APT [35.61, -97.65]

07/11/23 01:14 CST	0	Hail (1.00 in)
07/11/23 01:14 CST	0	Source: Public

OKLAHOMA COUNTY --- 2.4 N THE VILLAGE [35.60, -97.55]

07/11/23 01:15 CST	15K	Thunderstorm Wind (EG 70 kt)
07/11/23 01:15 CST	0	Source: Broadcast Media

Social media images showing multiple power poles, light poles, and road signs blown down along Pennsylvania Avenue between Memorial Road and Highland Park Boulevard. Time is radar estimated.

OKLAHOMA COUNTY --- 1.7 NNE THE VILLAGE [35.59, -97.54]

07/11/23 01:17 CST	15K	Thunderstorm Wind (EG 70 kt)
07/11/23 01:17 CST	0	Source: Broadcast Media

Multiple power poles and lines down on Northwest 122nd Street between Pennsylvania Avenue and Western Avenue. Time is radar estimated.

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CADDO COUNTY --- 6.9 W HINTON [35.48, -98.48]				
	07/11/23 01:25 CST		0	Thunderstorm Wind (MG 63 kt)
	07/11/23 01:25 CST		0	Source: Mesonet
Hinton (HINT) Mesonet observation.				
OKLAHOMA COUNTY --- 2.9 NW THE VILLAGE [35.60, -97.59]				
	07/11/23 01:25 CST		0	Thunderstorm Wind (EG 52 kt)
	07/11/23 01:25 CST		0	Source: Trained Spotter
Estimated wind gust.				
CADDO COUNTY --- 6.9 W HINTON [35.48, -98.48]				
	07/11/23 01:30 CST		0	Thunderstorm Wind (MG 58 kt)
	07/11/23 01:30 CST		0	Source: Mesonet
Hinton (HINT) Mesonet observation.				
POTTAWATOMIE COUNTY --- 2.9 NNW SHAWNEE [35.36, -96.95]				
	07/11/23 01:30 CST		0	Thunderstorm Wind (MG 56 kt)
	07/11/23 01:30 CST		0	Source: Mesonet
Shawnee (SHAW) Mesonet observation.				
POTTAWATOMIE COUNTY --- 2.9 NNW SHAWNEE [35.36, -96.95]				
	07/11/23 01:35 CST		0	Thunderstorm Wind (MG 51 kt)
	07/11/23 01:35 CST		0	Source: Mesonet
Shawnee (SHAW) Mesonet observation.				
PONTOTOC COUNTY --- 2.8 NNW ADA [34.81, -96.69]				
	07/11/23 01:43 CST		0	Hail (1.50 in)
	07/11/23 01:43 CST		0	Source: Public
CLEVELAND COUNTY --- 1.0 SSE (OUN)NORMAN WESTHEIMER ARPT [35.24, -97.46]				
	07/11/23 01:50 CST		0	Thunderstorm Wind (MG 52 kt)
	07/11/23 01:50 CST		0	Source: Mesonet
Norman (NRMN) Mesonet observation.				
OKLAHOMA COUNTY --- 3.4 WSW EDMOND [35.63, -97.53]				
	07/11/23 02:00 CST		0.50M	Lightning
	07/11/23 02:00 CST		0	Source: Broadcast Media
Lightning struck a house causing a fire start in the attic. Broadcast media reports that an adult male was transported to the hospital with critical injuries as a result of the fire. Time is estimated.				
GRADY COUNTY --- 2.8 SSW MINCO [35.27, -97.96]				
	07/11/23 02:15 CST		0	Thunderstorm Wind (MG 55 kt)
	07/11/23 02:15 CST		0	Source: Mesonet
Minco (MINC) Mesonet observation.				
GRADY COUNTY --- 2.8 SSW MINCO [35.27, -97.96]				
	07/11/23 02:20 CST		0	Thunderstorm Wind (MG 56 kt)
	07/11/23 02:20 CST		0	Source: Mesonet
Minco (MINC) Mesonet observation.				
OKLAHOMA COUNTY --- 0.6 NE (TIK)TINKER AFB [35.42, -97.38]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/11/23 02:22 CST		0	Thunderstorm Wind (MG 63 kt)
	07/11/23 02:22 CST		0	Source: ASOS
Tinker Air Force Base (KTIK) observation.				
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GRADY COUNTY --- 2.8 SSW MINCO [35.27, -97.96]				
	07/11/23 02:25 CST		0	Thunderstorm Wind (MG 54 kt)
	07/11/23 02:25 CST		0	Source: Mesonet
Minco (MINC) Mesonet observation.				
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LOGAN COUNTY --- 6.9 WSW NAVINA [35.77, -97.68], 7.1 WSW NAVINA [35.76, -97.68], 6.8 WSW NAVINA [35.76, -97.67], 6.6 WSW NAVINA [35.77, -97.67]				
	07/11/23 02:30 CST		0	Flash Flood (due to Heavy Rain)
	07/11/23 05:30 CST		0	Source: Emergency Manager
Heavy rainfall caused Cottonwood Creek to rise out of its banks, flooding portions of County Line Road. Time is estimated.				
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PONTOTOC COUNTY --- 0.6 ESE ADA [34.77, -96.67], 1.3 SSE ADA [34.75, -96.67], 2.0 SE ADA [34.75, -96.65], 1.6 E ADA [34.77, -96.65]				
	07/11/23 02:30 CST		0	Flash Flood (due to Heavy Rain)
	07/11/23 05:30 CST		0	Source: Public
Reports of road flooding across the south side of the community of Ada. Time is estimated.				
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PONTOTOC COUNTY --- 0.6 NNE BYNG [34.87, -96.67]				
	07/11/23 02:38 CST		30K	Thunderstorm Wind (EG 61 kt)
	07/11/23 02:38 CST		0	Source: Emergency Manager
Numerous trees and powerlines down in and around the community of Byng. Two homes and two barns, along with the Byng City Hall/Fire Department building, received varying degrees of roof damage. Time is radar estimated.				
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CLEVELAND COUNTY --- 1.2 SSW NORMAN [35.20, -97.45], 1.3 SSW NORMAN [35.20, -97.45], 1.2 SSW NORMAN [35.20, -97.45], 1.1 SSW NORMAN [35.20, -97.45]				
	07/11/23 02:45 CST		0	Flash Flood (due to Heavy Rain)
	07/11/23 05:45 CST		0	Source: Broadcast Media
Street flooding reported near the intersection of Lindsey Street and Elm Avenue.				
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MURRAY COUNTY --- 4.0 NNE SULPHUR [34.57, -96.95]				
	07/11/23 03:15 CST		0	Thunderstorm Wind (MG 57 kt)
	07/11/23 03:15 CST		0	Source: Mesonet
Sulphur (SULP) Mesonet observation.				
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MURRAY COUNTY --- 4.0 NNE SULPHUR [34.57, -96.95]				
	07/11/23 03:20 CST		0	Thunderstorm Wind (MG 56 kt)
	07/11/23 03:20 CST		0	Source: Mesonet
Sulphur (SULP) Mesonet observation.				
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MURRAY COUNTY --- DOUGHERTY [34.40, -97.05]				
	07/11/23 03:20 CST		0	Thunderstorm Wind (EG 56 kt)
	07/11/23 03:20 CST		0	Source: Law Enforcement
Image showing a large (12–24-inch diameter) tree limb blown down. Time is radar estimated.				
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GARVIN COUNTY --- 6.5 W WYNNEWOOD [34.65, -97.27]				
	07/11/23 03:25 CST		0	Thunderstorm Wind (EG 56 kt)
	07/11/23 03:25 CST		0	Source: Emergency Manager
Image showing a 6–12-inch diameter tree limb blown down, blocking a portion of Highway 29. Time is radar estimated.				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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MURRAY COUNTY --- 0.3 WNW SULPHUR [34.51, -96.97], 0.3 W SULPHUR [34.51, -96.97], 0.0 ESE SULPHUR [34.51, -96.97], 0.1 N SULPHUR [34.51, -96.97]

07/11/23 03:30 CST		0		Flash Flood (due to Heavy Rain)
07/11/23 06:30 CST		0		Source: Broadcast Media

Heavy rainfall caused Rock Creek to overtop its banks, flooding a portion of the Oklahoma Avenue bridge. Time is estimated.

MURRAY COUNTY --- 0.4 SW TURNER FALLS [34.43, -97.15], 0.4 SSW TURNER FALLS [34.42, -97.15], 0.3 SSE TURNER FALLS [34.43, -97.15], 0.3 ENE TURNER FALLS [34.43, -97.15], 0.2 NE TURNER FALLS [34.43, -97.15]

07/11/23 04:00 CST		0		Flash Flood (due to Heavy Rain)
07/11/23 07:00 CST		0		Source: Emergency Manager

Heavy rainfall caused Honey Creek to rise out of its banks, flooding a low-water crossing near the entrance to Turner Falls State Park. Numerous campers were reported to have been trapped at the park campground until water levels receded. Time is estimated.

OKLAHOMA COUNTY --- 3.0 SE WARR ACRES [35.49, -97.58], 3.3 SE WARR ACRES [35.49, -97.58], 3.3 WNW OKLAHOMA CITY [35.49, -97.57], 3.5 WNW OKLAHOMA CITY [35.49, -97.57]

07/11/23 04:00 CST		0		Flood (due to Heavy Rain)
07/11/23 07:00 CST		0		Source: Law Enforcement

Report of cars stranded and streets closed due to flooding. Time is estimated.

MCCLAIN COUNTY --- 1.2 ENE GOLDSBY [35.16, -97.46], 1.1 ESE GOLDSBY [35.15, -97.46], 1.3 ESE GOLDSBY [35.15, -97.46], 1.3 ENE GOLDSBY [35.16, -97.46]

07/11/23 05:00 CST		0		Flood (due to Heavy Rain)
07/11/23 08:00 CST		0		Source: NWS Employee

Relayed report of Northeast 12th Avenue impassable due to high water near the Oklahoma Forestry Division building. Time is estimated.

OKLAHOMA COUNTY --- 1.6 NNE DEL CITY [35.47, -97.43], 1.3 NE DEL CITY [35.47, -97.43], 1.5 NE DEL CITY [35.47, -97.42], 1.8 NE DEL CITY [35.47, -97.42]

07/11/23 06:00 CST		0		Flood (due to Heavy Rain)
07/11/23 09:00 CST		0		Source: Public

Social media report showing 4-6 inches of standing water over the road. Time is estimated.

OKLAHOMA COUNTY --- 1.9 SSW MIDWEST CITY [35.44, -97.41], 1.5 SW (TIK)TINKER AFB [35.39, -97.41], 1.7 SE (TIK)TINKER AFB [35.39, -97.37], 2.0 SSE MIDWEST CITY [35.44, -97.37]

07/11/23 06:00 CST		0		Flood (due to Heavy Rain)
07/11/23 09:00 CST		0		Source: Broadcast Media

Multiple roads in and around Tinker Air Force Base closed due to residual flooding. Time is estimated.

Numerous severe thunderstorms developed amidst an increasing low-level jet/isentropic ascent regime during the early morning hours of the 11th. Sufficient wind shear and instability allowed for organized modes (both cells and small lines) from west-central into southeastern Oklahoma. The strongest storms produced reports of wind damage and large hail. Given favorable antecedent conditions for flash flooding, a few reports of urban and creek flooding were noted across the central and southern forecast area. A lightning induced fire at a residence near the community of Edmond also lead to one indirect injury.

(OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z006) ALFALFA, (OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z010) WOODWARD, (OK-Z011) MAJOR, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z014) ROGER MILLS, (OK-Z016) CUSTER, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z021) BECKHAM, (OK-Z022) WASHITA, (OK-Z023) CADDO, (OK-Z024) CANADIAN, (OK-Z025) OKLAHOMA, (OK-Z026) LINCOLN, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z031) SEMINOLE, (OK-Z032) HUGHES, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z042) PONTOTOC, (OK-Z043) COAL, (OK-Z044) COTTON, (OK-Z045) JEFFERSON, (OK-Z047) JOHNSTON, (OK-Z048) ATOKA, (OK-Z051) MARSHALL, (OK-Z052) BRYAN

07/11/23 12:00 CST		0		Heat
07/14/23 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 11th through 14th.

(OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z020) PAYNE,

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(OK-Z023) CADDO, (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-Z034) GREER, (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				
	07/12/23 12:00 CST		0	Excessive Heat
	07/14/23 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 11th through 14th.				
TILLMAN COUNTY --- 2.1 N HOLLISTER [34.37, -98.87]				
	07/13/23 17:00 CST		0	Thunderstorm Wind (EG 52 kt)
	07/13/23 17:00 CST		0	Source: Emergency Manager
Estimated wind gust. Outflow winds.				
TILLMAN COUNTY --- 2.0 S HOLLISTER [34.31, -98.87]				
	07/13/23 17:15 CST		0	Hail (1.00 in)
	07/13/23 17:15 CST		0	Source: Storm Chaser
Social media image.				
COTTON COUNTY --- 2.9 W TEMPLE [34.28, -98.28]				
	07/13/23 17:40 CST		5K	Thunderstorm Wind (EG 61 kt)
	07/13/23 17:40 CST		0	Source: Broadcast Media
Relayed image showing a snapped power pole. Time and location are estimated.				
COMANCHE COUNTY --- 3.2 ESE LAWTON [34.59, -98.34]				
	07/13/23 18:30 CST		10K	Thunderstorm Wind (EG 61 kt)
	07/13/23 18:30 CST		0	Source: Broadcast Media
Relayed image showing 6 power poles snapped or blown down just west of the Southeast Lee Boulevard and Southeast 45th Street intersection. Time is radar estimated.				
COMANCHE COUNTY --- CHATTANOOGA [34.42, -98.65]				
	07/13/23 20:46 CST		5K	Thunderstorm Wind (EG 61 kt)
	07/13/23 20:46 CST		0	Source: Emergency Manager
Report of two power poles blown down. Time is radar estimated.				
CANADIAN COUNTY --- 1.0 WSW EL RENO [35.53, -97.98]				
	07/13/23 20:48 CST		0	Hail (0.75 in)
	07/13/23 20:48 CST		0	Source: Public
MPing report.				
Despite an upper ridge extending from the Desert Southwest into the Southern Plains, scattered diurnal storms developed during the evening of the 13th. While weak magnitudes of organizing wind shear existed across the area, storm organization occurred along the composite outflow from initial storms across western-north Texas into southwestern Oklahoma. Damaging downburst wind events and a few reports of large hail were received with the strongest storms.				
KAY COUNTY --- 1.3 WSW PONCA CITY [36.70, -97.10]				
	07/14/23 17:40 CST		5K	Thunderstorm Wind (EG 61 kt)
	07/14/23 17:40 CST		0	Source: Broadcast Media
Social media image showing power poles down along US Highway 60. Time is radar estimated.				
WOODWARD COUNTY --- 1.3 ENE WOODWARD [36.44, -99.37]				
	07/14/23 18:17 CST		0	Hail (1.50 in)
	07/14/23 18:17 CST		0	Source: COOP Observer

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WOODWARD COUNTY --- 2.3 WNW WOODWARD [36.44, -99.43]				
	07/14/23 18:25 CST		0	Hail (1.75 in)
	07/14/23 18:25 CST		0	Source: Public
MPing report.				
WOODWARD COUNTY --- 1.2 WNW WOODWARD [36.44, -99.41]				
	07/14/23 18:26 CST		0	Hail (1.00 in)
	07/14/23 18:26 CST		0	Source: Public
MPing report.				
SEMINOLE COUNTY --- 3.2 N LIMA [35.22, -96.59]				
	07/14/23 22:55 CST		0	Thunderstorm Wind (EG 61 kt)
	07/14/23 22:55 CST		0	Source: Emergency Manager
Relayed images showing several large (24 inch+ diameter) trees uprooted in the vicinity. Time is radar estimated.				
<p>A long-track mesoscale convective system (MCS) tracked from southern Nebraska into the Ozarks during daytime hours on the 14th. The southwestern portion of this system clipped the far northeast forecast area (Kay County) and produced a report of wind damage near Ponca City. Further west, scattered supercell thunderstorms developed by the evening hours and produced reports of large hail near the community of Woodward.</p>				
JOHNSTON COUNTY --- 1.5 SE MANNSVILLE [34.18, -96.86], 1.5 SE MANNSVILLE [34.18, -96.86], 1.7 SE MANNSVILLE [34.18, -96.86], 1.7 SE MANNSVILLE [34.17, -96.86]				
	07/16/23 09:15 CST		0	Flash Flood (due to Heavy Rain)
	07/16/23 12:15 CST		0	Source: Law Enforcement
Heavy rainfall caused Turkey Creek to rise out of its banks, flooding portion of the US Highway 177 bridge. Time is estimated.				
BRYAN COUNTY --- 0.7 N DURANT EAKER ARPT [33.94, -96.40]				
	07/16/23 09:22 CST		0	Thunderstorm Wind (MG 51 kt)
	07/16/23 09:22 CST		0	Source: Emergency Manager
Measurement at Durant Emergency Operations Center.				
MARSHALL COUNTY --- 0.6 E OAKLAND [34.10, -96.78], 1.0 SW MADILL [34.08, -96.78], 0.9 SSE MADILL [34.08, -96.76], 0.8 NNE MADILL [34.10, -96.76]				
	07/16/23 09:30 CST		0	Flood (due to Heavy Rain)
	07/16/23 12:30 CST		0	Source: Broadcast Media
Street flooding in downtown Madill. Water depth estimated at 6-12 inches from relayed image. Time is estimated.				
<p>Generally disorganized convection across far southern into southeastern Oklahoma produced a severe-caliber wind gust near the community of Durant during morning hours of the 16th. Repeated rounds of heavy rainfall across the region also lead to isolated reports of urban and creek flooding.</p>				
(OK-Z005) WOODS, (OK-Z006) ALFALFA, (OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z010) WOODWARD, (OK-Z011) MAJOR, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z016) CUSTER, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z020) PAYNE, (OK-Z022) WASHITA, (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-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z042) PONTOTOC, (OK-Z044) COTTON, (OK-Z045) JEFFERSON, (OK-Z047) JOHNSTON, (OK-Z048) ATOKA				
	07/17/23 11:00 CST		0	Heat
	07/20/23 19:00 CST		0	
Heat and humidity combined to yield 105–110-degree heat indices across portions of the area during the afternoon/evening of the 17th through 20th.				
(OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z012) GARFIELD, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z020) PAYNE, (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-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				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/17/23 11:00 CST		0	Excessive Heat
	07/20/23 19:00 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 17th through 20th.				
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ALFALFA COUNTY --- 0.7 W CHEROKEE [36.75, -98.36]				
	07/17/23 18:15 CST		0	Thunderstorm Wind (MG 52 kt)
	07/17/23 18:15 CST		0	Source: Mesonet
Cherokee (CHER) Mesonet observation. Heat burst event.				
<hr/>				
ALFALFA COUNTY --- 0.7 W CHEROKEE [36.75, -98.36]				
	07/17/23 18:25 CST		0	Thunderstorm Wind (MG 53 kt)
	07/17/23 18:25 CST		0	Source: Mesonet
Cherokee (CHER) Mesonet observation. Heat burst event.				
While impactful storms remained outside (to the north) of the forecast area, robust supercell storms developed across south-central Kansas during the afternoon of the 17th. Given a very hot and well-mixed boundary layer, heat burst events occurred beneath the anvil of these storms across portions of Alfalfa County. This included a severe-caliber wind gust near the community of Cherokee.				
<hr/>				
GARFIELD COUNTY --- 0.5 SSE (END)VANCE AFB ENID [36.33, -97.92]				
	07/21/23 02:45 CST		0	Thunderstorm Wind (MG 73 kt)
	07/21/23 02:45 CST		0	Source: ASOS
Vance Air Force Base (KEND) observation.				
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GARFIELD COUNTY --- 0.5 SSE (END)VANCE AFB ENID [36.33, -97.92]				
	07/21/23 02:56 CST		0	Thunderstorm Wind (MG 68 kt)
	07/21/23 02:56 CST		0	Source: ASOS
Vance Air Force Base (KEND) observation.				
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GARFIELD COUNTY --- 0.0 NE FAIRMONT [36.35, -97.70]				
	07/21/23 03:03 CST		75K	Thunderstorm Wind (EG 70 kt)
	07/21/23 03:03 CST		0	Source: Emergency Manager
Twenty-four train cars were blown off tracks south of the community of Fairmont. A grain elevator also collapsed near this location. Time is radar estimated.				
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GARFIELD COUNTY --- 2.8 SE BRECKINRIDGE [36.41, -97.69]				
	07/21/23 03:10 CST		0	Thunderstorm Wind (MG 50 kt)
	07/21/23 03:10 CST		0	Source: Mesonet
Breckinridge (BREC) Mesonet observation.				
<hr/>				
KAY COUNTY --- 0.4 NNW BLACKWELL [36.81, -97.28]				
	07/21/23 03:57 CST		50K	Thunderstorm Wind (EG 61 kt)
	07/21/23 03:57 CST		0	Source: Broadcast Media
Varying degrees of roof damage to buildings near the intersection of Main Street and Oklahoma Avenue . Additional reports of tree damage throughout the community of Blackwell. Time is radar estimated.				
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KAY COUNTY --- 7.9 SW HARDY [36.90, -96.91]				
	07/21/23 04:30 CST		0	Thunderstorm Wind (MG 59 kt)
	07/21/23 04:30 CST		0	Source: Mesonet
Newkirk (NEWK) Mesonet observation.				
<hr/>				
KAY COUNTY --- 7.9 SW HARDY [36.90, -96.91]				
	07/21/23 04:35 CST		0	Thunderstorm Wind (MG 56 kt)
	07/21/23 04:35 CST		0	Source: Mesonet

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Newkirk (NEWK) Mesonet observation.

A robust mesoscale convective system (MCS)/bow echo swept across portions of northern Oklahoma during the early morning hours of the 21st. An intense mesovortex emerged across portions of Garfield County and produced measured (significant) severe wind gusts and damage across the area.

(OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z020) PAYNE, (OK-Z026) LINCOLN, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z031) SEMINOLE, (OK-Z032) HUGHES, (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	07/25/23 11:00 CST	0	Heat
	07/30/23 19:00 CST	0	

Heat and humidity combined to yield 105–110-degree heat indices across portions of the area during the afternoon/evening of the 25th through 30th.

(OK-Z008) KAY, (OK-Z013) NOBLE, (OK-Z043) COAL, (OK-Z048) ATOKA, (OK-Z052) BRYAN	07/31/23 11:00 CST	0	Excessive Heat
	07/31/23 19:00 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 31st.

(OK-Z007) GRANT, (OK-Z012) GARFIELD, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (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-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z042) PONTOTOC, (OK-Z045) JEFFERSON, (OK-Z046) CARTER, (OK-Z047) JOHNSTON, (OK-Z051) MARSHALL	07/31/23 11:00 CST	0	Heat
	07/31/23 19:00 CST	0	

Heat and humidity combined to yield 105–110-degree heat indices across portions of the area during the afternoon/evening of the 31st.

TEXAS, Western North

HARDEMAN COUNTY --- 3.4 W GOODLETT [34.34, -99.94]	07/05/23 19:59 CST	0	Thunderstorm Wind (MG 50 kt)
	07/05/23 19:59 CST	0	Source: Mesonet

Goodlett (GOOD) Mesonet observation.

HARDEMAN COUNTY --- 3.4 W GOODLETT [34.34, -99.94]	07/05/23 20:09 CST	0	Thunderstorm Wind (MG 58 kt)
	07/05/23 20:09 CST	0	Source: Mesonet

Goodlett (GOOD) Mesonet observation.

WICHITA COUNTY --- 3.3 SSW WICHITA FALLS [33.87, -98.52]	07/05/23 22:56 CST	0	Thunderstorm Wind (EG 52 kt)
	07/05/23 22:56 CST	0	Source: Public

Social media image showing a large tree limb blown down on the campus of Midwestern State University.

Despite a rather nebulous upper air pattern, a weak impulse instigated deep convection across western-north Texas. Sufficient wind shear and instability allowed for at least transient storm organization. The strongest storms produced severe-caliber wind gusts and wind damage across the area.

WICHITA COUNTY --- 6.0 S PLEASANT VALLEY [33.85, -98.58]	07/09/23 03:45 CST	0	Thunderstorm Wind (MG 66 kt)
	07/09/23 03:45 CST	0	Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WICHITA COUNTY --- 2.0 SSE WICHITA FALLS [33.88, -98.48]				
	07/09/23 03:52 CST		0	Thunderstorm Wind (MG 51 kt)
	07/09/23 03:52 CST		0	Source: Mesonet
Wichita Falls (WICH) Mesonet observation.				
<p>An organized line of strong to severe thunderstorms impacted portions of western-north Texas during early morning hours of the 9th. The strongest portion of the thunderstorm line produced severe-caliber wind gusts across portions of Wichita County.</p>				
(TX-Z083) HARDEMAN, (TX-Z085) WILBARGER, (TX-Z086) WICHITA, (TX-Z089) ARCHER, (TX-Z090) CLAY				
	07/11/23 12:00 CST		0	Heat
	07/14/23 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 11-12th and 14th.				
(TX-Z083) HARDEMAN, (TX-Z085) WILBARGER, (TX-Z086) WICHITA, (TX-Z089) ARCHER, (TX-Z090) CLAY				
	07/12/23 12:00 CST		0	Excessive Heat
	07/13/23 20:00 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 12th and 13th.				
FOARD COUNTY --- CROWELL [33.98, -99.72]				
	07/13/23 15:05 CST		0	Hail (1.00 in)
	07/13/23 15:05 CST		0	Source: COOP Observer
FOARD COUNTY --- 0.5 ENE CROWELL [33.98, -99.71]				
	07/13/23 15:15 CST		0	Thunderstorm Wind (MG 63 kt)
	07/13/23 15:15 CST		0	Source: Mesonet
Crowell (CROW) Mesonet observation.				
WILBARGER COUNTY --- 0.9 NW VERNON [34.16, -99.30]				
	07/13/23 16:15 CST		20K	Thunderstorm Wind (EG 61 kt)
	07/13/23 16:15 CST		0	Source: Public
Image showing a large section of a metal roof facade removed from a motel building. Time is radar estimated.				
WICHITA COUNTY --- 0.8 S (SPS)SHEPPARD AFB [33.98, -98.49]				
	07/13/23 17:31 CST		0	Thunderstorm Wind (MG 55 kt)
	07/13/23 17:31 CST		0	Source: ASOS
Sheppard Air Force Base (KSPS) observation.				
KNOX COUNTY --- 1.3 ESE TRUSCOTT [33.74, -99.79]				
	07/13/23 17:40 CST		0	Thunderstorm Wind (MG 50 kt)
	07/13/23 17:40 CST		0	Source: Mesonet
Truscott (TRUS) Mesonet observation.				
<p>Despite an upper ridge extending from the Desert Southwest into the Southern Plains, scattered diurnal storms developed during the evening of the 13th. While weak magnitudes of organizing wind shear existed across the area, storm organization occurred along the composite outflow from initial storms across western-north Texas into southwestern Oklahoma. Damaging downburst wind events and a few reports of large hail were received with the strongest storms.</p>				
(TX-Z086) WICHITA, (TX-Z089) ARCHER, (TX-Z090) CLAY				
	07/17/23 11:00 CST		0	Heat
	07/19/23 19:00 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 17th through 19th.				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(TX-Z085) WILBARGER	07/19/23 16:41 CST		0	Wildfire
	07/22/23 20:04 CST		0	

Dry and breezy conditions, combined with a favorable fuel environment, lead to a significant wildfire start across Wilbarger County.