Storm Data and Unusual Weather Phenomena - September 2025

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

OKLAHOMA, Western, Central and Southeast

ELLIS COUNTY --- 0.7 ESE (GAG)GAGE AIRPORT [36.30, -99.77]

	09/01/25 16:23 CST	0	Thunderstorm Wind (MG 60 kt)
	09/01/25 16:23 CST	0	Source: ASOS

Gage Airport (KGAG) observation.

ELLIS COUNTY --- 0.7 ESE (GAG)GAGE AIRPORT [36.30, -99.77]

	09/01/25 16:35 CST	0	Thunderstorm Wind (MG 54 kt)
	09/01/25 16:35 CST	0	Source: ASOS

Gage Airport (KGAG) observation.

ELLIS COUNTY --- 3.0 E ARNETT [36.14, -99.72]

	09/01/25 16:47 CST	0	Thunderstorm Wind (EG 56 kt)
	09/01/25 16:47 CST	0	Source: Broadcast Media

An estimated wind gust from a broadcast media storm chaser. The location is approximate.

DEWEY COUNTY --- 3.2 W CAMARGO [36.03, -99.35]

	09/01/25 17:20 CST	0	Thunderstorm Wind (MG 64 kt)
	09/01/25 17:20 CST	0	Source: Mesonet

Camargo (CAMA) Mesonet observation.

DEWEY COUNTY --- 3.2 W CAMARGO [36.03, -99.35]

	09/01/25 17:25 CST	0	Thunderstorm Wind (MG 56 kt)
	09/01/25 17:25 CST	0	Source: Mesonet

Camargo (CAMA) Mesonet observation.

An upper-level disturbance, on the western periphery of a larger trough across the eastern United States, led to scattered severe thunderstorms across portions of northern Oklahoma on the afternoon and evening of the 1st. Sufficient instability and wind shear promoted a few semi-organized thunderstorms, producing observations of severe wind gusts.

HARPER COUNTY --- 8.8 NNE ROSSTON [36.93, -99.87]

	09/08/25 16:57 CST	0	Tornado (EFU, L: 0.10 mi , W: 20 yd)
	09/08/25 16:57 CST	0	Source: Trained Spotter

A spotter reported a brief tornado touchdown in northern Harper County. No damage was reported and the location is estimated.

HARPER COUNTY --- 8.1 NE ROSSTON [36.89, -99.82]

	09/08/25 17:05 CST	0	Hail (2.00 in)
	09/08/25 17:05 CST	0	Source: Fire Department/Rescue

The location is approximate, and the event time is estimated from radar observations.

HARPER COUNTY --- ROSSTON [36.81, -99.93]

	09/08/25 17:25 CST	0	Hail (2.50 in)
	09/08/25 17:25 CST	0	Source: Broadcast Media

The location is approximate, and the event time is estimated from radar observations.

HARPER COUNTY --- LAVERNE [36.71, -99.90]

	09/08/25 18:00 CST	0	Hail (1.75 in)
	09/08/25 18:00 CST	0	Source: Fire Department/Rescue

The location is approximate.

GARFIELD COUNTY --- HILLSDALE [36.56, -97.99]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/08/25 18:22 CST		0	Hail (1.50 in)
	09/08/25 18:22 CST		0	Source: Emergency Manager

The location is approximate.

GARFIELD COUNTY --- 4.4 ESE CARRIER [36.46, -97.94]

	09/08/25 18:37 CST		0	Hail (1.00 in)
	09/08/25 18:37 CST		0	Source: Emergency Manager

ELLIS COUNTY --- 1.5 WNW CATESBY [36.50, -99.98]

	09/08/25 18:40 CST		15K	Thunderstorm Wind (EG 61 kt)
	09/08/25 18:40 CST		0	Source: Emergency Manager

Relayed images show three power poles snapped along County Road 170. The event time is estimated from radar observations.

GARFIELD COUNTY --- 1.5 W ENID [36.40, -97.91]

	09/08/25 18:49 CST		0	Hail (1.00 in)
	09/08/25 18:49 CST		0	Source: Emergency Manager

The location is approximate.

ELLIS COUNTY --- CATESBY [36.49, -99.96]

	09/08/25 18:50 CST		0	Hail (1.75 in)
	09/08/25 18:50 CST		0	Source: Fire Department/Rescue

The report was relayed by emergency management. The location is approximate, and the event time is estimated from radar observations.

WOODS COUNTY --- 7.5 NE CAMP HOUSTON [36.88, -99.02]

	09/08/25 18:50 CST		0	Hail (1.25 in)
	09/08/25 18:50 CST		0	Source: Emergency Manager

The location is approximate.

ELLIS COUNTY --- 1.8 NW CATESBY [36.51, -99.98], 1.5 WSW CATESBY [36.48, -99.98], 2.0 ESE CATESBY [36.48, -99.93], 2.2 NE CATESBY [36.51, -99.93]

	09/08/25 19:30 CST		0	Flash Flood (due to Heavy Rain)
	09/08/25 22:30 CST		0	Source: Law Enforcement

Several county roads around the unincorporated community of Catesby were flooded. The location and event time are approximate.

On the 8th, modest northwesterly flow aloft, including an embedded upper-level impulse, was present across the Southern Plains. This enhanced flow and lift contributed to scattered supercell thunderstorms from southern Kansas into portions of northern Oklahoma and the adjacent northeast Texas Panhandle. In addition to reports of large hail and isolated wind damage, a well-documented tornado occurred in northern Harper County, north of the community of Buffalo, Oklahoma.

HARPER COUNTY --- 13.8 N SELMAN [37.00, -99.48]

	09/17/25 17:08 CST		0	Hail (1.75 in)
	09/17/25 17:08 CST		0	Source: Emergency Manager

The Comanche County, Kansas Emergency Management Agency relayed a report of hailfall along the Oklahoma-Kansas border.

Scattered afternoon and evening thunderstorms developed along a cold front across western and northern Oklahoma on the 17th. A meandering upper-level low over the north-central United States increased wind shear near to the Oklahoma-Kansas state line during the evening. This created conditions that supported a briefly organized thunderstorm, which resulted in reports of large hail.

ROGER MILLS COUNTY --- 5.2 W DEMPSEY [35.52, -99.91]

	09/18/25 17:05 CST		0	Hail (1.50 in)
	09/18/25 17:05 CST		0	Source: Trained Spotter

The report was relayed by emergency management. The location is approximate.

On the 18th, a cluster of thunderstorms formed across northwestern Oklahoma due to strong daytime heating. Marginally sufficient wind shear, influenced by an upper low lingering over the north-central Plains, allowed for brief storm organization, which led to a

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report of large hail.

OKLAHOMA COUNTY --- 8.6 N (PWA)WILEY POST APT [35.65, -97.67]

	09/19/25 01:45 CST	0	Thunderstorm Wind (EG 56 kt)
	09/19/25 01:45 CST	0	Source: Fire Department/Rescue

Tree damage occurred near the intersection of Northwest 178th Street and County Line Road. The event time is estimated from radar observations.

OKLAHOMA COUNTY --- 5.8 NW EDMOND [35.71, -97.55]

	09/19/25 01:55 CST	15K	Thunderstorm Wind (EG 61 kt)
	09/19/25 01:55 CST	0	Source: Fire Department/Rescue

Relayed images show damage to trees, power poles and the road sign of a church near the intersection of Northwest 234th Street and Pennsylvania Avenue. The event time is estimated from radar observations.

Widely scattered thunderstorms developed along an advancing cold front across portions of central Oklahoma during the predawn hours of the 19th. A few of these thunderstorms produced reports of thunderstorm wind damage, particularly across the northwestern corner of the Oklahoma City Metropolitan Area.

WOODWARD COUNTY --- 17.2 N MOORELAND ARPT [36.73, -99.14]

	09/20/25 16:05 CST	0	Thunderstorm Wind (MG 56 kt)
	09/20/25 16:05 CST	0	Source: Mesonet

Freedom (FREE) Mesonet observation.

GARFIELD COUNTY --- 3.2 S FAIRMONT [36.30, -97.71]

	09/20/25 16:37 CST	0	Hail (1.00 in)
	09/20/25 16:37 CST	0	Source: Emergency Manager

GARFIELD COUNTY --- 1.2 WSW WAUKOMIS [36.27, -97.92]

	09/20/25 17:20 CST	10K	Thunderstorm Wind (EG 65 kt)
	09/20/25 17:20 CST	0	Source: Emergency Manager

Relayed images show multiple power poles snapped along Wood Road . The location is approximate, and the event time is estimated from radar observations.

NOBLE COUNTY --- 3.9 SSE BILLINGS [36.48, -97.42]

	09/20/25 17:20 CST	0	Hail (1.00 in)
	09/20/25 17:20 CST	0	Source: Public

The report was relayed through mPING.

GARFIELD COUNTY --- 4.1 E WAUKOMIS [36.27, -97.83]

	09/20/25 17:26 CST	0	Thunderstorm Wind (MG 73 kt)
	09/20/25 17:26 CST	0	Source: Trained Spotter

Wind gust measured by a mobile mesonet platform.

GARFIELD COUNTY --- 1.5 SSE WAUKOMIS [36.26, -97.89], 2.4 SSE WAUKOMIS [36.25, -97.89], 2.4 SSE WAUKOMIS [36.25, -97.89], 1.5 SSE WAUKOMIS [36.26, -97.89]

	09/20/25 18:00 CST	0	Flash Flood (due to Heavy Rain)
	09/20/25 21:00 CST	0	Source: Emergency Manager

The northbound lanes of U.S. Highway 81, between Flynn and Lucien Roads, were impassable due to flooding. The event time is approximate.

GARFIELD COUNTY --- 2.0 S WAUKOMIS [36.25, -97.90]

	09/20/25 18:01 CST	0	Hail (1.00 in)
	09/20/25 18:01 CST	0	Source: Emergency Manager

The location is approximate.

Widespread daytime and evening thunderstorm activity impacted the WFO Norman Forecast Area on the 20th. This activity was influenced by two factors: 1.) a weak surface low and associated front, and 2.) a remnant mesoscale convective vortex (MCV) across the

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Red River Valley. Despite relatively weak wind shear across most of the area, slightly stronger daytime instability across the former regime promoted more robust convection (and associated severe outcomes). Damaging wind gusts and a few instances of large hail were observed with this activity.

ATOKA COUNTY --- 0.7 NW LANE [34.31, -96.00]

	09/21/25 19:40 CST	0	Thunderstorm Wind (MG 57 kt)
	09/21/25 19:40 CST	0	Source: Mesonet

Lane (LANE) Mesonet observation.

Strong to severe thunderstorms developed across the Red River Valley during the afternoon and evening of the 21st, influenced by an upper-level impulse that enhanced convection. A severe wind gust was observed in Atoka County, near the community of Lane.

ELLIS COUNTY --- 0.7 ESE (GAG)GAGE AIRPORT [36.30, -99.77]

	09/22/25 22:29 CST	0	Thunderstorm Wind (MG 62 kt)
	09/22/25 22:29 CST	0	Source: ASOS

Gage Airport (KGAG) observation.

WOODWARD COUNTY --- 17.2 N MOORELAND ARPT [36.73, -99.14]

	09/22/25 23:30 CST	0	Thunderstorm Wind (MG 51 kt)
	09/22/25 23:30 CST	0	Source: Mesonet

Freedom (FREE) Mesonet observation.

WOODWARD COUNTY --- 17.2 N MOORELAND ARPT [36.73, -99.14]

	09/22/25 23:35 CST	0	Thunderstorm Wind (MG 54 kt)
	09/22/25 23:35 CST	0	Source: Mesonet

Freedom (FREE) Mesonet observation.

LOVE COUNTY --- 3.2 SE THACKERVILLE [33.75, -97.11]

	09/23/25 17:00 CST	0	Hail (1.75 in)
	09/23/25 17:00 CST	0	Source: Emergency Manager

An image was relayed. The location is approximate, and the event time is estimated from radar observations.

MARSHALL COUNTY --- MCBRIDE [33.94, -96.64]

	09/23/25 17:45 CST	0	Hail (0.88 in)
	09/23/25 17:45 CST	0	Source: Amateur Radio

The location is approximate, and the event time is estimated from radar observations.

MARSHALL COUNTY --- 2.9 W MCBRIDE [33.93, -96.69]

	09/23/25 17:46 CST	0	Hail (1.00 in)
	09/23/25 17:46 CST	0	Source: Public

The report was relayed through mPING.

MARSHALL COUNTY --- 1.9 E MCBRIDE [33.94, -96.61]

	09/23/25 17:50 CST	0	Hail (1.25 in)
	09/23/25 17:50 CST	0	Source: Public

The report was relayed through mPING. The event time was adjusted based on radar observations.

BRYAN COUNTY --- 4.4 SSW ARMSTRONG [33.99, -96.37]

	09/23/25 18:00 CST	0	Hail (0.88 in)
	09/23/25 18:00 CST	0	Source: Trained Spotter

The report was relayed by emergency management. The location is approximate.

BRYAN COUNTY --- 4.1 SE SILO [34.00, -96.43]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/23/25 18:08 CST		0	Hail (1.00 in)
	09/23/25 18:08 CST		0	Source: Trained Spotter

The report was relayed by emergency management.

BRYAN COUNTY --- 1.5 ESE COBB [34.07, -96.39]

09/23/25 18:15 CST		0	Hail (2.50 in)
09/23/25 18:15 CST		0	Source: Public

The report was relayed through mPING. The event time is adjusted based on radar observations.

BRYAN COUNTY --- 3.3 SSW ARMSTRONG [34.01, -96.36]

09/23/25 18:15 CST		0	Hail (1.25 in)
09/23/25 18:15 CST		0	Source: Trained Spotter

The report was relayed through Spotter Network. The event time is estimated from radar observations.

BRYAN COUNTY --- 2.2 WSW ARMSTRONG [34.04, -96.38]

09/23/25 18:19 CST		0	Hail (1.25 in)
09/23/25 18:19 CST		0	Source: Trained Spotter

The report was relayed by emergency management. The location is approximate.

ATOKA COUNTY --- 3.0 NNE ATOKA [34.42, -96.10]

09/23/25 18:36 CST		0	Hail (0.88 in)
09/23/25 18:36 CST		0	Source: Law Enforcement

The report was relayed by emergency management.

BRYAN COUNTY --- 3.3 E BENNINGTON [34.00, -95.98]

09/23/25 21:15 CST		50K	Thunderstorm Wind (EG 65 kt)
09/23/25 21:15 CST		0	Source: Emergency Manager

Relayed images courtesy of the Oklahoma Department of Emergency Management show the roof of a large brick outbuilding blown off along with siding damage to a nearby house. The event time is estimated from radar observations.

BRYAN COUNTY --- 0.5 N DURANT EAKER ARPT [33.94, -96.40]

09/24/25 00:48 CST		0.10M	Thunderstorm Wind (MG 62 kt)
09/24/25 00:48 CST		0	Source: Emergency Manager

A wind gust measured at the City of Durant Emergency Operations Center . Relayed images show four light aircraft damaged by thunderstorms winds at nearby Durant Eaker Field (KDUA).

Between the very late evening of the 22nd and the early morning of the 24th, multiple severe convective regimes developed across the WFO Norman Forecast Area. This convective event was triggered by a slow-moving upper-level system and its associated lead impulses. Initially, thunderstorms formed a broken line as they traversed northern Oklahoma. The presence of a reservoir of instability increased the potential for wind damage for a short time, with the system weakening as it approached the I-35 corridor. By the early evening of the 23rd, another round of severe weather emerged along a trailing cold front across eastern and southeastern Oklahoma. The combination of sufficient wind shear and instability during this event resulted in large hail and damaging wind gusts.

TEXAS, Western North

BAYLOR COUNTY --- 0.6 W MABELLE [33.67, -99.14]

09/22/25 17:00 CST		0	Hail (1.75 in)
09/22/25 17:00 CST		0	Source: Emergency Manager

The location is approximate.

A short-lived severe thunderstorm occurred in Baylor County on the evening of the 22nd, bringing reports of large hail near the unincorporated community of Mabelle.