

Storm Data and Unusual Weather Phenomena - October 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central and Southeast				
(OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z010) WOODWARD, (OK-Z021) BECKHAM, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z031) SEMINOLE, (OK-Z032) HUGHES, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA				
	10/01/21 00:00 CST		0	Drought
	10/16/21 00:00 CST		0	
An active period led to multiple rounds of storms for the region, with drought improving for portions of central Oklahoma.				
JACKSON COUNTY --- 3.1 NW ELMER [34.51, -99.39]				
	10/10/21 16:16 CST		0	Hail (1.25 in)
	10/10/21 16:16 CST		0	Source: Social Media
JACKSON COUNTY --- (LTS)ALTUS AFB [34.66, -99.29]				
	10/10/21 16:27 CST		0	Hail (1.00 in)
	10/10/21 16:27 CST		0	Source: Trained Spotter
JACKSON COUNTY --- 3.5 S ALTUS [34.59, -99.33]				
	10/10/21 16:45 CST		0	Thunderstorm Wind (MG 69 kt)
	10/10/21 16:45 CST		0	Source: Mesonet
JACKSON COUNTY --- 1.8 NE (LTS)ALTUS AFB [34.68, -99.27]				
	10/10/21 16:59 CST		0	Thunderstorm Wind (MG 57 kt)
	10/10/21 16:59 CST		0	Source: AWOS
KIOWA COUNTY --- 4.0 SSW COOPERTON [34.82, -98.90]				
	10/10/21 16:59 CST		0	Tornado (EFU, L: 0.10 mi , W: 20 yd)
	10/10/21 16:59 CST		0	Source: Storm Chaser
A number of storm chasers observed a brief tornado approximately 4 miles south-southwest of Cooperton. No damage was reported and the location is estimated.				
KIOWA COUNTY --- 6.2 S COOPERTON [34.78, -98.88]				
	10/10/21 17:08 CST		0	Thunderstorm Wind (EG 61 kt)
	10/10/21 17:08 CST		0	Source: Trained Spotter
Estimated severe wind gusts in rear flank downdraft.				
KIOWA COUNTY --- 8.3 E COOPERTON [34.88, -98.72], 10.9 E COOPERTON [34.87, -98.68]				
	10/10/21 17:13 CST		30K	Tornado (EF1, L: 2.89 mi , W: 200 yd)
	10/10/21 17:18 CST		0	Source: NWS Employee
This tornado was initially observed by storm chasers including an off-duty meteorologist from the Storm Prediction Center and was visible for a couple of minutes before becoming wrapped in rain. The rain-wrapped tornado likely continued generally east-southeast and destroyed a trailer and damaged trees at the Saddle Mountain cemetery.				
KIOWA COUNTY --- ROOSEVELT [34.85, -99.02]				
	10/10/21 17:15 CST		50K	Hail (2.00 in)
	10/10/21 17:15 CST		0	Source: Emergency Manager
Significant damage reported to cars and windows of buildings due to wind-driven hail.				
CADDO COUNTY --- 9.0 W BOONE [34.90, -98.62], 5.7 WNW BOONE [34.93, -98.55]				
	10/10/21 17:20 CST		40K	Tornado (EF1, L: 4.40 mi , W: 50 yd)
	10/10/21 17:25 CST		0	Source: Storm Chaser

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<p>Numerous storm chasers observed a tornado that developed about 9 miles west of Boone near the Kiowa-Caddo County line. The tornado moved northeast crossing State Highways 58 and 19 causing significant roof damage to a home and breaking power poles. Although this tornado became wrapped in rain and was generally not visible after crossing the highway, additional tree damage was reported east of the highway, and it is believed to have continued northeast approximately three miles.</p>				
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CADDO COUNTY --- 4.9 N BOONE [34.97, -98.45]				
	10/10/21 17:30 CST		5K	Thunderstorm Wind (EG 74 kt)
	10/10/21 17:30 CST		0	Source: Trained Spotter
<p>A number of power poles were downed near N2550 and E1410 Roads just southwest of Broxton.</p>				
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COMANCHE COUNTY --- 6.0 WNW MEERS [34.83, -98.67]				
	10/10/21 17:38 CST		20K	Thunderstorm Wind (EG 70 kt)
	10/10/21 17:38 CST		0	Source: Trained Spotter
<p>An outbuilding was destroyed near SH-115 and North Drive to the northwest of Meers.</p>				
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CADDO COUNTY --- 4.0 W STECKER [34.96, -98.39]				
	10/10/21 17:40 CST		5K	Thunderstorm Wind (EG 65 kt)
	10/10/21 17:40 CST		0	Source: Trained Spotter
<p>Trees downed and outbuildings damaged.</p>				
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CADDO COUNTY --- 4.0 SW ANADARKO [35.04, -98.30], 4.5 SSW LAKE CHICKASHA DAM [35.07, -98.16]				
	10/10/21 17:45 CST		60K	Tornado (EF2, L: 8.10 mi , W: 100 yd)
	10/10/21 17:59 CST		0	Source: Storm Chaser
<p>Storm chasers initially observed a tornado develop southwest of Anadarko and move east -northeast. Damage was reported to a hangar at the Anadarko airport just south of town. The most significant damage was about 5 miles east of Anadarko where a roof was removed from a home. Although the tornado itself passed just south of Anadarko, the storm produced widespread wind damage within the town of Anadarko (see separate entry).</p>				
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TILLMAN COUNTY --- 2.9 W GRANDFIELD [34.23, -98.74]				
	10/10/21 17:50 CST		0	Thunderstorm Wind (MG 50 kt)
	10/10/21 17:50 CST		0	Source: Mesonet
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CADDO COUNTY --- ANADARKO [35.08, -98.24]				
	10/10/21 17:52 CST		50K	Thunderstorm Wind (EG 78 kt)
	10/10/21 17:52 CST		0	Source: Trained Spotter
<p>While a tornado was occurring just south of Anadarko, thunderstorm winds were also causing damage in Anadarko. The most concentrated area of damage was in the vicinity of Oklahoma Avenue, Broadway Avenue and Main Street near the railroad tracks, or just northeast of the intersection of US-281 and SH-8. A few buildings were damaged including the loss of the brick facade of one building. Trees, power poles and fences were also damaged in the area.</p>				
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CADDO COUNTY --- 3.2 SSE STECKER [34.92, -98.29]				
	10/10/21 18:00 CST		0	Thunderstorm Wind (MG 54 kt)
	10/10/21 18:00 CST		0	Source: Mesonet
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GRADY COUNTY --- 1.3 WSW CHICKASHA ARPT [35.07, -97.99]				
	10/10/21 18:00 CST		0	Thunderstorm Wind (MG 71 kt)
	10/10/21 18:00 CST		0	Source: AWOS
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CADDO COUNTY --- 5.3 S LAKE CHICKASHA DAM [35.05, -98.11], 5.2 SSE LAKE CHICKASHA DAM [35.06, -98.09]				
	10/10/21 18:02 CST		0	Tornado (EFU, L: 1.15 mi , W: 50 yd)
	10/10/21 18:04 CST		0	Source: Storm Chaser
<p>Storm chasers observed a tornado that developed about 3 miles southwest of Verden and moved east-northeast, crossing into Grady County about 1.5 miles south of Verden. No damage was reported along the path of this tornado and the path was estimated.</p>				
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GRADY COUNTY --- 1.3 S VERDEN [35.06, -98.09], 1.0 SSE VERDEN [35.07, -98.08]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/10/21 18:04 CST		0	Tornado (EFU, L: 0.68 mi , W: 50 yd)
	10/10/21 18:05 CST		0	Source: Storm Chaser

Storm chasers observed a tornado which initially developed in Caddo County approximately 3 miles southwest of Verden and moved east-northeast crossing into Grady County about 1.5 mile south of Verden and to a point approximately 1 mile south-southeast of Verden. The tornado path was estimated as no damage was reported along the tornado path. Despite no known damage from the tornado, the storm did produce wind damage in and north of the town of Verden (see separate entry for this wind damage).

GRADY COUNTY --- VERDEN [35.08, -98.09]

10/10/21 18:04 CST	5K	Thunderstorm Wind (EG 56 kt)
10/10/21 18:04 CST	0	Source: Emergency Manager

While a tornado was occurring just south of Verden, strong thunderstorm winds produced damage in Verden including tree damage and the collapse of walls of an abandoned building on the north side of Verden.

GRADY COUNTY --- 4.4 NNW CHICKASHA ARPT [35.14, -98.00]

10/10/21 18:10 CST	3K	Thunderstorm Wind (EG 64 kt)
10/10/21 18:10 CST	0	Source: Emergency Manager

Part of the roof of an outbuilding was blown off.

GRADY COUNTY --- 3.5 S POCASSET [35.14, -97.96]

10/10/21 18:12 CST	7K	Thunderstorm Wind (EG 65 kt)
10/10/21 18:12 CST	0	Source: Emergency Manager

Damage was noted along US-81 about three miles south of Pocasset. Power lines, an outbuilding and fences were damaged.

GRADY COUNTY --- 2.8 NNW NINNEKAH [34.99, -97.93]

10/10/21 18:13 CST	0	Thunderstorm Wind (EG 61 kt)
10/10/21 18:13 CST	0	Source: Public

Tree damage reported.

CANADIAN COUNTY --- 3.9 SW EL RENO [35.49, -98.01]

10/10/21 18:15 CST	0	Thunderstorm Wind (MG 61 kt)
10/10/21 18:15 CST	0	Source: AWOS

GRADY COUNTY --- 3.2 SSE POCASSET [35.15, -97.94]

10/10/21 18:15 CST	0	Thunderstorm Wind (EG 64 kt)
10/10/21 18:15 CST	0	Source: Emergency Manager

An outbuilding was damaged.

GRADY COUNTY --- 3.7 ENE NORGE [35.01, -97.94]

10/10/21 18:15 CST	0	Thunderstorm Wind (MG 50 kt)
10/10/21 18:15 CST	0	Source: Mesonet

LOGAN COUNTY --- 0.9 SE CRESCENT [35.94, -97.59]

10/10/21 18:20 CST	5K	Thunderstorm Wind (EG 61 kt)
10/10/21 18:20 CST	0	Source: Law Enforcement

Damage to power lines.

GRADY COUNTY --- AMBER [35.16, -97.88]

10/10/21 18:23 CST	10K	Thunderstorm Wind (EG 70 kt)
10/10/21 18:23 CST	0	Source: Emergency Manager

Thunderstorm winds damaged a school and at least one home on the east side of Amber.

CANADIAN COUNTY --- 3.1 NW MUSTANG [35.42, -97.76]

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	10/10/21 18:24 CST		20K	Thunderstorm Wind (EG 78 kt)
	10/10/21 18:24 CST		0	Source: Public
Thunderstorm winds created significant roof damage to at least one home near Southwest 44th Street and Cemetery Road.				
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CANADIAN COUNTY --- YUKON [35.50, -97.74]				
	10/10/21 18:30 CST		0	Thunderstorm Wind (EG 56 kt)
	10/10/21 18:30 CST		0	Source: Public
Large trees downed.				
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GRADY COUNTY --- 1.3 WSW CHICKASHA ARPT [35.07, -97.99]				
	10/10/21 18:35 CST		0	Thunderstorm Wind (MG 52 kt)
	10/10/21 18:35 CST		0	Source: AWOS
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MCCLAIN COUNTY --- 1.3 WNW DIBBLE [35.04, -97.65]				
	10/10/21 18:40 CST		0	Hail (1.50 in)
	10/10/21 18:40 CST		0	Source: Public
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MCCLAIN COUNTY --- 4.2 S NEWCASTLE [35.19, -97.61]				
	10/10/21 18:40 CST		0	Hail (1.75 in)
	10/10/21 18:40 CST		0	Source: Trained Spotter
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OKLAHOMA COUNTY --- 0.9 SW (PWA)WILEY POST APT [35.52, -97.66]				
	10/10/21 18:42 CST		20K	Thunderstorm Wind (MG 57 kt)
	10/10/21 18:42 CST		0	Source: ASOS
Hangars were damaged at Wiley Post Airport.				
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MCCLAIN COUNTY --- 0.2 S NEWCASTLE [35.25, -97.60]				
	10/10/21 18:48 CST		0	Hail (1.00 in)
	10/10/21 18:48 CST		0	Source: Trained Spotter
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MCCLAIN COUNTY --- GOLDSBY [35.15, -97.48]				
	10/10/21 18:51 CST		0	Hail (1.00 in)
	10/10/21 18:51 CST		0	Source: NWS Employee
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CANADIAN COUNTY --- 3.9 SE PIEDMONT [35.60, -97.70]				
	10/10/21 18:54 CST		0	Thunderstorm Wind (MG 56 kt)
	10/10/21 18:54 CST		0	Source: AWOS
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CLEVELAND COUNTY --- 1.2 NW (OUN)NORMAN WESTHEIMER ARPT [35.26, -97.49]				
	10/10/21 18:55 CST		2K	Thunderstorm Wind (EG 65 kt)
	10/10/21 18:55 CST		0	Source: NWS Employee
Power poles were damaged near Interstate 35 and Tecumseh Road in Norman. A tool shed was also reported blown into an adjacent property near 36th Avenue NW and Robinson Street.				
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CLEVELAND COUNTY --- 0.7 N NOBLE [35.15, -97.39]				
	10/10/21 18:57 CST		0	Hail (1.00 in)
	10/10/21 18:57 CST		0	Source: Public
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MCCLAIN COUNTY --- 3.1 SE GOLDSBY [35.12, -97.44]				
	10/10/21 18:57 CST		0	Hail (1.75 in)
	10/10/21 18:57 CST		0	Source: Trained Spotter
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OKLAHOMA COUNTY --- 2.9 N WARR ACRES [35.56, -97.61], 2.8 N WHEATLAND [35.44, -97.65], 2.1 SSW OKLAHOMA CITY [35.44, -97.53], 1.6 ENE NICHOLS HILLS [35.56, -97.51]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/10/21 19:01 CST		0	Flash Flood (due to Heavy Rain)
	10/10/21 22:01 CST		0	Source: Fire Department/Rescue
Vehicle stalled in high water.				
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CLEVELAND COUNTY --- 1.7 E NOBLE [35.14, -97.36]				
	10/10/21 19:02 CST		0	Hail (1.50 in)
	10/10/21 19:02 CST		0	Source: Trained Spotter
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CLEVELAND COUNTY --- 1.7 E NORMAN [35.22, -97.41]				
	10/10/21 19:04 CST		0	Hail (3.00 in)
	10/10/21 19:04 CST		0	Source: Emergency Manager
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CLEVELAND COUNTY --- 0.9 SE (OUN)NORMAN WESTHEIMER ARPT [35.24, -97.46]				
	10/10/21 19:05 CST		0	Hail (2.00 in)
	10/10/21 19:05 CST		0	Source: Emergency Manager
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CLEVELAND COUNTY --- 4.8 NE NORMAN [35.26, -97.37]				
	10/10/21 19:06 CST		0	Hail (2.75 in)
	10/10/21 19:06 CST		0	Source: Amateur Radio
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OKLAHOMA COUNTY --- 3.3 NNW HARRAH [35.53, -97.18], 5.3 NNE HARRAH [35.56, -97.14]				
	10/10/21 19:21 CST		20K	Tornado (EF0, L: 3.00 mi , W: 250 yd)
	10/10/21 19:25 CST		0	Source: NWS Storm Survey
A tornado developed just southwest of Northeast 63rd Street and Dobbs Road to the north-northwest of Harrah. One mobile home sustained roof damage, otherwise the observed damage was generally confined to trees. The tornado crossed into Lincoln County at Britton Road.				
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LINCOLN COUNTY --- 8.8 WNW JACKTOWN [35.56, -97.14], 8.8 WNW JACKTOWN [35.57, -97.14]				
	10/10/21 19:25 CST		0	Tornado (EF0, L: 0.32 mi , W: 50 yd)
	10/10/21 19:26 CST		0	Source: NWS Storm Survey
This tornado moved into Lincoln County from Oklahoma County at Britton Road (E 1000 Road) and continued to move northeast a short distance creating tree damage.				
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LINCOLN COUNTY --- 0.8 SSW WARWICK [35.68, -97.01], 0.3 N WARWICK [35.69, -97.01]				
	10/10/21 19:41 CST		5K	Tornado (EF0, L: 1.10 mi , W: 30 yd)
	10/10/21 19:42 CST		0	Source: Emergency Manager
A tornado from a QLCS (quasi-linear convective system) touched down just southwest of Warwick and moved north through the west edge of Warwick . A barn was destroyed along Route 66 near the beginning of the path, and trees were damaged along the path, including at Hurst Park in Warwick. The tornado was reported to have crossed the Turner Turnpike before dissipating .				
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POTTAWATOMIE COUNTY --- 1.7 SSW DALE [35.37, -97.06], 0.2 WSW DALE [35.39, -97.05]				
	10/10/21 19:41 CST		10K	Tornado (EF0, L: 1.60 mi , W: 50 yd)
	10/10/21 19:43 CST		0	Source: NWS Storm Survey
The tornado developed approximately 1.5 miles south-southwest of Dale as indicated by a Tornado Debris Signature in this location , although this area was not accessible to the survey team. The tornado moved north-northeast damaging trees and a service station canopy just north of Interstate 40. A barn west of Dale was also damaged.				
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POTTAWATOMIE COUNTY --- 1.8 WSW JOHNSON [35.40, -96.87], 0.3 WNW JOHNSON [35.41, -96.85]				
	10/10/21 19:54 CST		0	Tornado (EF0, L: 1.60 mi , W: 50 yd)
	10/10/21 19:58 CST		0	Source: Public
This tornado initially developed about 2 miles west-southwest of Johnson, likely in the North Canadian River valley as evidenced by the development of a Tornado Debris Signature on radar. The tornado moved northeast producing mainly tree damage, including a tree damaging the roof of a house along Garretts Lake Road. Much of the path of this tornado was estimated being in inaccessible areas.				
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PONTOTOC COUNTY --- 2.5 WNW ADA [34.78, -96.72], 1.3 ENE BYNG [34.87, -96.65]				

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	10/10/21 20:26 CST		0.10M	Tornado (EF1, L: 7.31 mi , W: 300 yd)
	10/10/21 20:36 CST		0	Source: NWS Storm Survey

This tornado developed west of Ada southwest of County Roads 1540 and 3530. The tornado produced damage to barns along County Road 3350 and then EF1 damage to metal buildings at a tractor dealer just before crossing State Highway 19. It continued to produce tree damage in areas northwest and north of Ada. A few homes received roof or garage door or patio damage east of US -377 between Ada and Byng, and in the southeast portion of Byng. The tornado dissipated just east of the city limits of Byng.

BRYAN COUNTY --- 1.7 E MEAD [34.00, -96.48]

10/10/21 21:00 CST	3K	Thunderstorm Wind (EG 61 kt)
10/10/21 21:00 CST	0	Source: Emergency Manager

Trees downed, barn damaged, fence knocked over, and a carport was destroyed.

BRYAN COUNTY --- 2.8 SSW COBB [34.04, -96.42]

10/10/21 21:00 CST	0	Thunderstorm Wind (EG 61 kt)
10/10/21 21:00 CST	0	Source: Emergency Manager

Trees downed on houses.

BRYAN COUNTY --- 3.5 N CALERA [33.98, -96.43]

10/10/21 21:00 CST	0	Thunderstorm Wind (EG 61 kt)
10/10/21 21:00 CST	0	Source: Emergency Manager

Power lines downed and damage reported along highway 70.

An unseasonably warm and moist airmass was in place across the region ahead of a powerful upper wave moving out of the 4 corners region. This led to the development of numerous severe thunderstorms across Oklahoma and Texas during the afternoon and evening of the 10th. Several tornadoes were reported, along with hail larger than baseballs that impacted Norman, OK for the second time in six months, leading to millions of dollars in damages once again to homes, cars, and businesses.

BECKHAM COUNTY --- 4.0 NNW RETROP [35.21, -99.40]

10/12/21 17:48 CST	0	Tornado (EF0, L: 0.10 mi , W: 10 yd)
10/12/21 17:48 CST	0	Source: Storm Chaser

A storm chaser observed a brief tornado near State Highway 6 approximately 4 miles north-northwest of Retrop. No damage was reported.

WASHITA COUNTY --- 3.0 S FOSS [35.42, -99.17]

10/12/21 18:24 CST	0	Tornado (EFU, L: 0.10 mi , W: 25 yd)
10/12/21 18:24 CST	0	Source: Storm Chaser

A storm chaser photographed a tornado approximately 3 miles south of Foss. No damage was reported from this tornado and the location is estimated.

WASHITA COUNTY --- 1.1 W BURNS FLAT [35.36, -99.20]

10/12/21 18:25 CST	0	Thunderstorm Wind (MG 67 kt)
10/12/21 18:25 CST	0	Source: ASOS

TILLMAN COUNTY --- 5.0 SW FREDERICK [34.34, -99.08]

10/12/21 18:38 CST	0	Tornado (EF0, L: 0.40 mi , W: 30 yd)
10/12/21 18:38 CST	0	Source: Storm Chaser

Several storm chasers, including an off-duty meteorologist from the Storm Prediction Center, observed a brief tornado approximately 5 miles southwest of Frederick. No damage was reported and the location is estimated.

TILLMAN COUNTY --- 3.5 WSW FREDERICK [34.37, -99.08], 4.9 ESE TIPTON [34.48, -99.06]

10/12/21 18:41 CST	50K	Tornado (EF1, L: 7.26 mi , W: 300 yd)
10/12/21 18:58 CST	0	Source: NWS Storm Survey

This tornado developed 3.5 miles southwest of Fredrick and moved north or just east of due north for 7 miles. A barn had significant wall damage to the northwest of Frederick. Otherwise, there were a few pivot irrigators that were tipped over to the southwest and west of Frederick, and tree and power pole damage was also observed along the path.

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

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	10/12/21 18:50 CST		10K	Thunderstorm Wind (EG 61 kt)
	10/12/21 18:50 CST		0	Source: Emergency Manager

Roof and other structural damage reported with several building in and near Clinton. Time estimated by radar.

CUSTER COUNTY --- 4.5 WSW CLINTON [35.48, -99.04]

	10/12/21 18:53 CST		0	Thunderstorm Wind (EG 61 kt)
	10/12/21 18:53 CST		0	Source: Trained Spotter

Semi truck overturned along I40.

CUSTER COUNTY --- 0.6 NE CLINTON [35.52, -98.96], 1.9 SSE CUSTER CITY [35.63, -98.87]

	10/12/21 18:55 CST		0	Tornado (EF1, L: 9.60 mi , W: 400 yd)
	10/12/21 19:25 CST		0.10M	Source: NWS Storm Survey

A tornado developed on the east side of Clinton near First Street and Route 66 (Business 40) where it damaged a automobile body shop and damaged a warehouse building. The tornado moved northeast across Riverside Golf Course where trees were damaged, then damaged and destroyed hangars at Clinton Municipal Airport (CLK). After the damage at the Clinton Municipal Airport, the tornado moved through more rural areas but did continue to damage trees, blow the roof off at least one outbuilding (with the debris blown to the northwest) and blew a street sign 200 yards. At one point, storm chasers observed a satellite tornado adjacent to this tornado (see separate entry).

CUSTER COUNTY --- 2.0 NE CLINTON [35.53, -98.94]

	10/12/21 19:01 CST		0	Tornado (EFU, L: 0.20 mi , W: 20 yd)
	10/12/21 19:01 CST		0	Source: Storm Chaser

A number of storm chasers from various angles observed a second tornado adjacent to the tornado the moved from the east side of Clinton to southeast of Custer City. Although motion was difficult to determine at night, was believed to be a satellite tornado. This tornado produced no known damage and the location of this tornado was estimated.

TILLMAN COUNTY --- 7.5 NE MANITOU [34.59, -98.89], 7.8 NE MANITOU [34.59, -98.89]

	10/12/21 19:19 CST		4K	Tornado (EF1, L: 0.40 mi , W: 300 yd)
	10/12/21 19:20 CST		0	Source: NWS Storm Survey

A tornado was observed for two minutes moving from Tillman County into Kiowa County. A barn roof and a few trees were damaged near the county line.

KIOWA COUNTY --- 5.8 SE SNYDER [34.59, -98.89], 5.7 SE SNYDER [34.60, -98.88]

	10/12/21 19:20 CST		1K	Tornado (EF1, L: 0.50 mi , W: 300 yd)
	10/12/21 19:21 CST		0	Source: NWS Storm Survey

A tornado was observed for two minutes moving from Tillman County into Kiowa County. A barn roof and a few trees were damaged near the county line.

TILLMAN COUNTY --- 5.1 NNE MANITOU [34.58, -98.95]

	10/12/21 19:21 CST		0	Hail (1.75 in)
	10/12/21 19:21 CST		0	Source: Public

KIOWA COUNTY --- 5.9 ESE SNYDER [34.62, -98.86], 7.1 E SNYDER [34.65, -98.83]

	10/12/21 19:26 CST		5K	Tornado (EF1, L: 2.90 mi , W: 900 yd)
	10/12/21 19:30 CST		0	Source: NWS Storm Survey

A tornado developed about 6 miles east-southeast of Snyder to the south of U.S. Highway 62. It quickly became a large tornado as it moved sporadically north and northeast before crossing into Comanche County about 3 miles north of US-62. In Kiowa County, the tornado produced tree and power pole damage.

COMANCHE COUNTY --- 4.8 WNW INDIAHOMA [34.65, -98.83], 5.6 W WICHITA MTNS NWR HQ [34.73, -98.81]

	10/12/21 19:30 CST		10K	Tornado (EF0, L: 5.50 mi , W: 900 yd)
	10/12/21 19:44 CST		0	Source: NWS Storm Survey

This tornado moved into Comanche County from Kiowa County approximately three miles north of U.S. Highway 62, and moved northeast and then due north. At least one home suffered some shingle damage, a mobile home received roof damage, and a barn door was blown in. Tree damage was also observed along the path. None of the damage in Comanche County was observed to be greater than EF0, although the tornado was likely stronger as there were few damage indicators encountered along the path.

Storm Data and Unusual Weather Phenomena - October 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
COMANCHE COUNTY --- 3.6 NNE WICHITA MTNS NWR HQ [34.78, -98.69], 4.9 WNW MEERS [34.80, -98.66]				
	10/12/21 20:00 CST		0	Tornado (EFU, L: 2.60 mi , W: 50 yd)
	10/12/21 20:07 CST		0	Source: Unknown
Radar indicated strong rotation with a tornado debris signature in an inaccessible area of the Wichita Mountains. The path and path dimensions are estimated.				
CADDO COUNTY --- 5.0 NW BOONE [34.95, -98.52]				
	10/12/21 20:35 CST		0	Tornado (EFU, L: 0.50 mi , W: 30 yd)
	10/12/21 20:36 CST		0	Source: Storm Chaser
A storm chaser photographed a tornado looking northwest from 1 mile west of Boone. No damage was reported in the area and the specific location of the tornado is estimated.				
CADDO COUNTY --- 1.3 WSW FT COBB RES DAM [35.15, -98.47]				
	10/12/21 20:40 CST		0	Thunderstorm Wind (MG 50 kt)
	10/12/21 20:40 CST		0	Source: Mesonet
HARPER COUNTY --- 0.9 SW BUFFALO [36.82, -99.64]				
	10/12/21 23:05 CST		0	Thunderstorm Wind (MG 52 kt)
	10/12/21 23:05 CST		0	Source: Mesonet
WOODS COUNTY --- 13.5 NNE CAMP HOUSTON [36.98, -99.00]				
	10/13/21 00:15 CST		0	Thunderstorm Wind (MG 55 kt)
	10/13/21 00:15 CST		0	Source: Mesonet
WOODS COUNTY --- 13.5 NNE CAMP HOUSTON [36.98, -99.00]				
	10/13/21 00:20 CST		0	Thunderstorm Wind (MG 69 kt)
	10/13/21 00:20 CST		0	Source: Mesonet
WOODS COUNTY --- 13.5 NNE CAMP HOUSTON [36.98, -99.00]				
	10/13/21 00:25 CST		0	Thunderstorm Wind (MG 62 kt)
	10/13/21 00:25 CST		0	Source: Mesonet
GARFIELD COUNTY --- 1.1 E (END)VANCE AFB ENID [36.34, -97.90]				
	10/13/21 02:50 CST		0	Thunderstorm Wind (MG 55 kt)
	10/13/21 02:50 CST		0	Source: Other Federal Agency
CANADIAN COUNTY --- 3.1 W MUSTANG [35.39, -97.78], 3.7 NE MUSTANG [35.43, -97.68]				
	10/13/21 03:59 CST		50K	Tornado (EF1, L: 6.40 mi , W: 150 yd)
	10/13/21 04:06 CST		0	Source: NWS Storm Survey
A tornado from a QLCS (quasi-linear convective system) touched down on the west edge of Mustang, just south of State Highway 152 near Frisco Road, and moved generally northeast affecting portions of Mustang and southwest Oklahoma City . The most significant structure damage was southeast of SW 44th Street and Czech Hall Road where a home received roof damage, and a pickup truck parked on the street was rolled over. A few other homes along the path also received damage to shingles, otherwise damage was generally confined to trees, including some tree trunks snapped. The tornado dissipated southwest of SW 29th Street and County Line Road in southwest Oklahoma City.				
OKLAHOMA COUNTY --- 3.0 W OKLAHOMA CITY [35.48, -97.56], 1.5 N OKLAHOMA CITY [35.49, -97.51]				
	10/13/21 04:15 CST		20K	Tornado (EF1, L: 3.25 mi , W: 75 yd)
	10/13/21 04:19 CST		0	Source: NWS Storm Survey
A tornado from a QLCS (quasi-linear convective system) developed just east of the Oklahoma State Fairgrounds near General Pershing Boulevard just east of May Avenue. The tornado moved northeast and east affecting the Youngs-Englewood, Classen-Ten-Penn, Plaza, Mesta Park and Heritage Hills districts of Oklahoma City. Damage was generally confined to tree damage, including some snapped tree trunks. There was no significant structure damage observed. The tornado dissipated just southeast of NE 23rd Street and Interstate 235.				
OKLAHOMA COUNTY --- 0.6 WSW FOREST PARK [35.51, -97.46], 2.0 NNW SPENCER [35.54, -97.39]				

Storm Data and Unusual Weather Phenomena - October 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/13/21 04:22 CST		1K	Tornado (EF0, L: 4.24 mi , W: 50 yd)
	10/13/21 04:28 CST		0	Source: NWS Storm Survey

A third tornado from a QLCS (quasi-linear convective system) storm system that affected the Oklahoma City area developed over Forest Park near Northeast 36th Street and Bryant Avenue, and moved northeast into northeast Oklahoma City dissipating northwest of Northeast 63rd Street and Midwest Boulevard. The damage observed was generally broken tree branches and limbs.

HUGHES COUNTY --- 2.9 ESE HOLDENVILLE [35.07, -96.35]

10/13/21 07:05 CST	0	Thunderstorm Wind (MG 52 kt)
10/13/21 07:05 CST	0	Source: Mesonet

A warm front lifted north during the afternoon and evening of the 12th, with a couple supercells developing along it across southwest OK. Large hail, strong winds, and numerous tornadoes were reported with these storms as they moved northeastward. Later, a line of severe storms moved into far western OK along a cold front, with strong winds and hail reported with these storms.

GRADY COUNTY --- 3.6 NNE TUTTLE [35.34, -97.79]

10/14/21 22:55 CST	0	Thunderstorm Wind (EG 52 kt)
10/14/21 22:55 CST	0	Source: Broadcast Media

Estimated severe wind gust.

CANADIAN COUNTY --- 1.3 WSW MUSTANG [35.38, -97.74]

10/14/21 23:00 CST	0	Hail (1.00 in)
10/14/21 23:00 CST	0	Source: Trained Spotter

CANADIAN COUNTY --- 2.8 S MUSTANG [35.35, -97.72]

10/14/21 23:00 CST	0	Thunderstorm Wind (EG 56 kt)
10/14/21 23:00 CST	0	Source: Broadcast Media

Estimated severe wind gust.

CANADIAN COUNTY --- MUSTANG [35.39, -97.72]

10/14/21 23:03 CST	0	Hail (1.25 in)
10/14/21 23:03 CST	0	Source: Public

CANADIAN COUNTY --- 1.1 E MUSTANG [35.39, -97.70]

10/14/21 23:05 CST	5K	Hail (2.00 in)
10/14/21 23:05 CST	0	Source: Public

Windows broken from wind driven hail.

OKLAHOMA COUNTY --- 1.3 WSW (OKC)WILL ROGERS APT [35.38, -97.62]

10/14/21 23:10 CST	0	Thunderstorm Wind (MG 59 kt)
10/14/21 23:10 CST	0	Source: Official NWS Observations

OKLAHOMA COUNTY --- 0.6 E (OKC)WILL ROGERS APT [35.39, -97.59]

10/14/21 23:13 CST	10K	Thunderstorm Wind (EG 61 kt)
10/14/21 23:13 CST	0	Source: Public

Damage to a hangar at Will Rogers airport.

OKLAHOMA COUNTY --- 1.1 W (OKC)WILL ROGERS APT [35.39, -97.62]

10/14/21 23:13 CST	0	Thunderstorm Wind (MG 61 kt)
10/14/21 23:13 CST	0	Source: Official NWS Observations

OKLAHOMA COUNTY --- 1.3 ENE (OKC)WILL ROGERS APT [35.40, -97.58]

10/14/21 23:15 CST	40K	Thunderstorm Wind (EG 61 kt)
10/14/21 23:15 CST	0	Source: Trained Spotter

Power poles downed across the county.

Storm Data and Unusual Weather Phenomena - October 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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OKLAHOMA COUNTY --- 2.8 E (OKC)WILL ROGERS APT [35.39, -97.55]	10/14/21 23:20 CST		0	Hail (1.75 in)
	10/14/21 23:20 CST		0	Source: Trained Spotter
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OKLAHOMA COUNTY --- 3.1 ENE (OKC)WILL ROGERS APT [35.41, -97.55]	10/14/21 23:20 CST		20K	Thunderstorm Wind (EG 65 kt)
	10/14/21 23:20 CST		0	Source: Broadcast Media
Windows destroyed and a roof removed from a building. Damage to numerous other buildings in the area also reported.				
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OKLAHOMA COUNTY --- VALLEY BROOK [35.40, -97.48]	10/14/21 23:25 CST		0	Thunderstorm Wind (EG 56 kt)
	10/14/21 23:25 CST		0	Source: Broadcast Media
Also quarter sized hail reported.				
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OKLAHOMA COUNTY --- VALLEY BROOK [35.40, -97.48]	10/14/21 23:26 CST		0	Hail (1.75 in)
	10/14/21 23:26 CST		0	Source: Trained Spotter
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OKLAHOMA COUNTY --- 2.4 ESE VALLEY BROOK [35.39, -97.44]	10/14/21 23:29 CST		0	Hail (1.75 in)
	10/14/21 23:29 CST		0	Source: Broadcast Media
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OKLAHOMA COUNTY --- 0.3 SSW DEL CITY [35.45, -97.44]	10/14/21 23:30 CST		10K	Thunderstorm Wind (EG 61 kt)
	10/14/21 23:30 CST		0	Source: Emergency Manager
Numerous large trees downed, sheet metal roofing peeled off a shopping center, power poles leaning. Time estimated from radar.				
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OKLAHOMA COUNTY --- 1.3 WSW MIDWEST CITY [35.45, -97.41]	10/14/21 23:30 CST		5K	Thunderstorm Wind (EG 65 kt)
	10/14/21 23:30 CST		0	Source: Public
Power poles downed, trees uprooted.				
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OKLAHOMA COUNTY --- 1.1 E DEL CITY [35.45, -97.42]	10/14/21 23:32 CST		0	Thunderstorm Wind (EG 61 kt)
	10/14/21 23:32 CST		0	Source: Broadcast Media
Estimated severe wind gust.				
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LINCOLN COUNTY --- MEEKER [35.50, -96.89]	10/15/21 00:18 CST		0	Hail (1.25 in)
	10/15/21 00:18 CST		0	Source: Broadcast Media
Scattered thunderstorms developed during the evening of the 14th and quickly obtained supercellular characteristics. Numerous reports of large hail and wind damage were reported in the Oklahoma City metro area with these storms.				
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(OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z010) WOODWARD, (OK-Z021) BECKHAM, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA	10/16/21 00:00 CST		0	Drought
	10/31/21 23:59 CST		0	
An active period led to multiple rounds of storms for the region, with drought improving for portions of central Oklahoma.				
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ROGER MILLS COUNTY --- 6.5 SSW ROLL [35.70, -99.77]	10/26/21 19:17 CST		0	Hail (1.00 in)
	10/26/21 19:17 CST		0	Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DEWEY COUNTY --- 1.1 E VICI [36.15, -99.28]				
	10/26/21 20:23 CST		0	Hail (1.00 in)
	10/26/21 20:23 CST		0	Source: Trained Spotter
CLEVELAND COUNTY --- 3.0 NNE NORMAN [35.26, -97.41], 1.9 SE STANLEY DRAPER LAKE DAM [35.31, -97.33]				
	10/26/21 23:36 CST		25K	Tornado (EF1, L: 6.60 mi , W: 50 yd)
	10/26/21 23:45 CST		0	Source: NWS Storm Survey
A tornado from a QLCS (quasi-linear convective system) storm developed in northeast Norman about a half mile northwest of 24 th Avenue NE and Rock Creek Road, and moved generally northeast into southwest Oklahoma City dissipating northwest of SE 164 th Street and Anderson Road. The damage was most intense from a half mile south to about a half mile east of the intersection of 36 th Avenue NE and Franklin Road where the tornado produced roof damage to two barns, and damaged the soffit to a carport at a home. Otherwise, the tornado produced damage primarily to trees along the path.				
WOODS COUNTY --- 13.5 NNE CAMP HOUSTON [36.98, -99.00]				
	10/28/21 15:15 CST		0	Thunderstorm Wind (MG 64 kt)
	10/28/21 15:15 CST		0	Source: Mesonet
JEFFERSON COUNTY --- WAURIKA [34.17, -98.00]				
	10/28/21 15:40 CST		10K	Thunderstorm Wind (EG 65 kt)
	10/28/21 15:40 CST		0	Source: Broadcast Media
Roof damage at Waurika High School.				
A dryline and strong upper trough combined to produce numerous thunderstorms during the evening and overnight period of the 26th into the 27th. Storms produced isolated extreme wind gusts early in the event, with sporadic wind damage and a tornado then reported in central Oklahoma.				
(OK-Z005) WOODS, (OK-Z012) GARFIELD, (OK-Z025) OKLAHOMA, (OK-Z027) GRADY				
	10/28/21 08:20 CST		0	High Wind (MAX 64 kt)
	10/28/21 15:15 CST		0	
Strong winds were observed across portions of Oklahoma behind a strong storm system exiting to the east during the late morning through the afternoon of the 28th.				
TEXAS, Western North				
(TX-Z083) HARDEMAN, (TX-Z084) FOARD				
	10/01/21 00:00 CST		0	Drought
	10/16/21 00:00 CST		0	
Rainfall was not as abundant across western north Texas as areas further north and east, with drought slowly expanding during the month.				
WICHITA COUNTY --- 1.3 WSW BURKBURNETT [34.08, -98.58]				
	10/10/21 17:49 CST		0	Thunderstorm Wind (MG 56 kt)
	10/10/21 17:49 CST		0	Source: Trained Spotter
WICHITA COUNTY --- BURKBURNETT [34.09, -98.56]				
	10/10/21 17:50 CST		25K	Thunderstorm Wind (EG 70 kt)
	10/10/21 17:50 CST		0	Source: NWS Employee
Numerous trees downed, a couple of trees on homes, several buildings with moderate to major damage, nearly a dozen campers/trailers damaged.				
WICHITA COUNTY --- 2.0 WNW BURKBURNETT [34.10, -98.60]				
	10/10/21 17:52 CST		0	Hail (1.00 in)
	10/10/21 17:52 CST		0	Source: Trained Spotter

An unseasonably warm and moist airmass was in place across the region ahead of a powerful upper wave moving out of the 4 corners region. This led to the development of numerous severe thunderstorms across Oklahoma and Texas during the afternoon and evening

Storm Data and Unusual Weather Phenomena - October 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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of the 10th. Several severe wind gusts and large hail were reported with storms across western north Texas.

(TX-Z083) HARDEMAN, (TX-Z084) FOARD, (TX-Z087) KNOX, (TX-Z088) BAYLOR

10/16/21 00:00 CST	0	Drought
10/31/21 23:59 CST	0	

Rainfall was not as abundant across western north Texas as areas further north and east, with drought slowly expanding during the month.

FOARD COUNTY --- 13.2 W CROWELL [33.98, -99.95]

10/26/21 19:53 CST	0	Thunderstorm Wind (MG 57 kt)
10/26/21 19:53 CST	0	Source: Mesonet

HARDEMAN COUNTY --- MEDICINE MOUND [34.19, -99.59]

10/26/21 20:27 CST	0	Thunderstorm Wind (MG 63 kt)
10/26/21 20:27 CST	0	Source: Emergency Manager

A dryline and strong upper trough combined to produce numerous thunderstorms during the evening and overnight period of the 26th into the 27th. Storms produced isolated severe wind gusts across portions of western north Texas.