

Storm Data and Unusual Weather Phenomena - September 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-Z006) ALFALFA, (OK-Z010) WOODWARD, (OK-Z011) MAJOR				
	09/01/21 00:00 CST		0	Drought
	09/30/21 23:59 CST		0	
Drought rapidly expanded across the area during the month of September, with moderate drought increasing from 7% coverage at the beginning of the month to 70% by month's end.				
(OK-Z025) OKLAHOMA				
	09/01/21 12:00 CST		0	Heat
	09/03/21 20:00 CST		0	
Hot and humid conditions persisted for the first few days of the month, with heat indices over 105 reported in portions of central and eastern Oklahoma.				
WOODS COUNTY --- 13.8 NNE CAMP HOUSTON [36.99, -99.01]				
	09/02/21 13:00 CST		0	Thunderstorm Wind (MG 52 kt)
	09/02/21 13:00 CST		0	Source: Mesonet
Isolated thunderstorms developed during the afternoon of the 2nd across northwest Oklahoma, with an isolated severe wind gust reported.				
WOODWARD COUNTY --- 17.6 N MOORELAND ARPT [36.73, -99.13]				
	09/03/21 16:15 CST		0	Thunderstorm Wind (MG 56 kt)
	09/03/21 16:15 CST		0	Source: Mesonet
GARFIELD COUNTY --- KREMLIN [36.55, -97.83]				
	09/03/21 16:45 CST		0	Thunderstorm Wind (EG 52 kt)
	09/03/21 16:45 CST		0	Source: Trained Spotter
Estimated severe wind gust.				
Unorganized thunderstorms developed in an environment favorable for downbursts, with one report of severe winds received with a storm in northwest OK on the 3rd.				
OKLAHOMA COUNTY --- 1.8 WSW HARRAH [35.48, -97.19]				
	09/04/21 16:00 CST		1K	Thunderstorm Wind (EG 52 kt)
	09/04/21 16:00 CST		0	Source: Fire Department/Rescue
Damage reported to trees and power lines near NE 10TH street and Luther road.				
A cold front helped spark another round of unorganized thunderstorms similar to the previous day, with isolated downbursts leading to a report of wind damage in central OK on the 4th.				
MAJOR COUNTY --- 0.6 W FAIRVIEW [36.27, -98.49]				
	09/07/21 17:55 CST		0	Thunderstorm Wind (MG 53 kt)
	09/07/21 17:55 CST		0	Source: Mesonet
MAJOR COUNTY --- 3.9 W FAIRVIEW [36.27, -98.55]				
	09/07/21 17:58 CST		5K	Thunderstorm Wind (EG 52 kt)
	09/07/21 17:58 CST		0	Source: Broadcast Media
Damage to barn and power lines downed.				
BLAINE COUNTY --- LONGDALE [36.13, -98.55]				
	09/07/21 18:30 CST		0	Thunderstorm Wind (EG 61 kt)
	09/07/21 18:30 CST		0	Source: Broadcast Media
Estimated severe wind gust.				

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DEWEY COUNTY --- 3.9 NW OAKWOOD [35.97, -98.75]				
	09/07/21 18:55 CST		0	Hail (1.00 in)
	09/07/21 18:55 CST		0	Source: Broadcast Media
ROGER MILLS COUNTY --- 3.0 S HAMMON [35.59, -99.38]				
	09/07/21 19:30 CST		5K	Thunderstorm Wind (EG 61 kt)
	09/07/21 19:30 CST		0	Source: Emergency Manager
Several areas of damage reported, including large tree limbs downed, damage to the siding of a house, power lines downed, sheet metal siding of a barn ripped off, and a weakly built garage destroyed.				
A cold front moved into northern Oklahoma during the afternoon of the 7th, helping to initiate thunderstorms. Several of the thunderstorms produced severe wind gusts and hail.				
(OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z014) ROGER MILLS, (OK-Z015) DEWEY, (OK-Z016) CUSTER, (OK-Z017) BLAINE, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z020) PAYNE, (OK-Z021) BECKHAM, (OK-Z022) WASHITA, (OK-Z023) CADDO, (OK-Z024) CANADIAN, (OK-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-Z038) COMANCHE, (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				
	09/15/21 00:00 CST		0	Drought
	09/30/21 23:59 CST		0	
Drought rapidly expanded across the area during the month of September, with moderate drought increasing from 7% coverage at the beginning of the month to 70% by month's end.				
HARPER COUNTY --- 2.8 N ROSSTON [36.85, -99.93]				
	09/17/21 18:00 CST		0	Thunderstorm Wind (MG 75 kt)
	09/17/21 18:00 CST		0	Source: Broadcast Media
HARPER COUNTY --- 3.5 N ROSSTON [36.86, -99.93]				
	09/17/21 18:00 CST		0	Hail (1.00 in)
	09/17/21 18:00 CST		0	Source: Broadcast Media
HARPER COUNTY --- 3.5 N ROSSTON [36.86, -99.93]				
	09/17/21 18:00 CST		3K	Thunderstorm Wind (EG 56 kt)
	09/17/21 18:00 CST		0	Source: Broadcast Media
Back window blown out of a vehicle and multiple power lines downed.				
HARPER COUNTY --- 4.2 N ROSSTON [36.87, -99.93]				
	09/17/21 18:00 CST		0	Thunderstorm Wind (EG 70 kt)
	09/17/21 18:00 CST		0	Source: Broadcast Media
Estimated severe wind gust.				
HARPER COUNTY --- 1.5 NNE LAVERNE [36.73, -99.89]				
	09/17/21 18:40 CST		0	Thunderstorm Wind (MG 63 kt)
	09/17/21 18:40 CST		0	Source: Public
Convergence within a surface trough across western Oklahoma and Kansas lead to isolated thunderstorm development during the afternoon of the 17th, with a few severe wind gusts recorded in northwestern Oklahoma.				
COMANCHE COUNTY --- 1.1 W LAWTON [34.61, -98.41]				
	09/28/21 18:04 CST		0	Hail (1.00 in)
	09/28/21 18:04 CST		0	Source: Social Media
Twitter photo.				
COMANCHE COUNTY --- 2.1 S CACHE [34.60, -98.63]				

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	09/28/21 18:50 CST		5K	Thunderstorm Wind (EG 61 kt)
	09/28/21 18:50 CST		0	Source: Broadcast Media

Gas station awning and partial roof damage due to a downburst.

COMANCHE COUNTY --- CACHE [34.63, -98.63]

09/28/21 18:50 CST	2K	Thunderstorm Wind (EG 56 kt)
09/28/21 18:50 CST	0	Source: Emergency Manager

Power lines downed and structure damage near Chisholm Corner in Cache.

COMANCHE COUNTY --- 2.3 WSW (FSI)FORT SILL [34.66, -98.42], 5.4 W LAWTON [34.61, -98.49], 4.3 SSW LAWTON [34.55, -98.41], 2.1 ENE LAWTON [34.62, -98.36]

09/28/21 19:40 CST	0	Flash Flood (due to Heavy Rain)
09/28/21 22:40 CST	0	Source: Fire Department/Rescue

Several high water rescues were reported due to cars stranded in high waters.

A dryline lead to numerous thunderstorm formation across portions of western and northern Texas and southwest Oklahoma. A few severe and hail and wind reports, along with reports of flooding, were received in and near Lawton, OK during the early evening on the 28th.

TILLMAN COUNTY --- GRANDFIELD [34.23, -98.69]

09/29/21 16:35 CST	0	Hail (1.75 in)
09/29/21 16:35 CST	0	Source: Trained Spotter

TILLMAN COUNTY --- 3.5 N GRANDFIELD [34.28, -98.68]

09/29/21 16:38 CST	0	Hail (1.00 in)
09/29/21 16:38 CST	0	Source: Public

WOODWARD COUNTY --- 2.8 N CURTIS [36.48, -99.14]

09/29/21 17:30 CST	0	Hail (1.25 in)
09/29/21 17:30 CST	0	Source: Broadcast Media

Photos of hail forwarded from media.

WOODS COUNTY --- 13.5 NNE CAMP HOUSTON [36.98, -99.00]

09/29/21 18:55 CST	0	Thunderstorm Wind (MG 53 kt)
09/29/21 18:55 CST	0	Source: Mesonet

A dryline and weak upper wave helped initiate storms across far southwest Oklahoma and also in portions of northwest Oklahoma during the late afternoon. Storms persisted for several hours into the evening with a few reports of severe hail received.

TEXAS, Western North

(TX-Z083) HARDEMAN, (TX-Z084) FOARD, (TX-Z085) WILBARGER

09/15/21 00:00 CST	0	Drought
09/30/21 23:59 CST	0	

Dry conditions during much of September led to expansion of moderate drought into several counties in western north Texas.