

Storm Data and Unusual Weather Phenomena - September 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central and Southeast				
WOODS COUNTY --- 13.5 NNE CAMP HOUSTON [36.98, -99.00]				
	09/08/16 18:05 CST		0	Thunderstorm Wind (MG 60 kt)
	09/08/16 18:05 CST		0	Source: Mesonet
Storms formed near a front in Kansas and extended partly into northwest Oklahoma, producing a severe wind gust on the evening of the 8th.				
HARPER COUNTY --- 0.9 SW BUFFALO [36.82, -99.64]				
	09/09/16 18:00 CST		0	Thunderstorm Wind (MG 56 kt)
	09/09/16 18:00 CST		0	Source: Mesonet
HARPER COUNTY --- 0.9 SW BUFFALO [36.82, -99.64]				
	09/09/16 18:05 CST		0	Thunderstorm Wind (MG 51 kt)
	09/09/16 18:05 CST		0	Source: Mesonet
HARPER COUNTY --- 0.7 S BUFFALO [36.82, -99.63]				
	09/09/16 18:15 CST		0	Thunderstorm Wind (EG 52 kt)
	09/09/16 18:15 CST		0	Source: Social Media
Broadcast media via Twitter. Time estimated from tweet time and radar.				
WOODWARD COUNTY --- 2.2 NW WOODWARD [36.45, -99.42]				
	09/09/16 18:45 CST		0	Thunderstorm Wind (EG 52 kt)
	09/09/16 18:45 CST		0	Source: Amateur Radio
No damage reported.				
ALFALFA COUNTY --- 2.2 W BURLINGTON [36.90, -98.46]				
	09/09/16 19:05 CST		0	Thunderstorm Wind (EG 52 kt)
	09/09/16 19:05 CST		0	Source: Trained Spotter
The storm kicked up lots of dust.				
GARFIELD COUNTY --- 0.9 NW ENID [36.41, -97.89]				
	09/09/16 20:01 CST		0	Hail (1.00 in)
	09/09/16 20:01 CST		0	Source: Emergency Manager
GARFIELD COUNTY --- 0.7 S (END)VANCE AFB ENID [36.33, -97.92]				
	09/09/16 20:14 CST		0	Thunderstorm Wind (MG 56 kt)
	09/09/16 20:14 CST		0	Source: AWOS
GARFIELD COUNTY --- 2.6 WSW (WDG) WOODRING ARPT [36.36, -97.83]				
	09/09/16 20:15 CST		0	Thunderstorm Wind (MG 65 kt)
	09/09/16 20:15 CST		0	Source: AWOS
A 75 mph gust with 62 mph sustained wind was measured.				
KAY COUNTY --- 8.3 E NEWKIRK [36.88, -96.91]				
	09/09/16 20:40 CST		0	Thunderstorm Wind (MG 53 kt)
	09/09/16 20:40 CST		0	Source: Mesonet
NOBLE COUNTY --- 3.5 N SUMNER [36.37, -97.13]				
	09/09/16 20:55 CST		0	Thunderstorm Wind (MG 52 kt)
	09/09/16 20:55 CST		0	Source: Mesonet
OKLAHOMA COUNTY --- 2.1 S NICHOLS HILLS [35.52, -97.54]				

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	09/09/16 21:30 CST		1K	Thunderstorm Wind (EG 52 kt)
	09/09/16 21:30 CST		0	Source: Emergency Manager

Oklahoma City emergency manager reported power lines down near NW 48th street and Northwest Expressway. Time estimated by radar.

OKLAHOMA COUNTY --- 0.6 E LUTHER [35.66, -97.18]

09/09/16 21:36 CST	0	Thunderstorm Wind (EG 52 kt)
09/09/16 21:36 CST	0	Source: Fire Department/Rescue

Estimated 50 to 55 mph sustained winds and up to 60 mph gusts with blowing dust.

CLEVELAND COUNTY --- 6.3 WNW MOORE [35.36, -97.60]

09/09/16 21:43 CST	1K	Thunderstorm Wind (EG 52 kt)
09/09/16 21:43 CST	0	Source: Emergency Manager

Oklahoma City emergency manager reported power lines down near South Meridian and I-44. Time estimated by radar.

GRADY COUNTY --- 1.8 SW MINCO [35.29, -97.96]

09/09/16 21:55 CST	0	Thunderstorm Wind (MG 52 kt)
09/09/16 21:55 CST	0	Source: Mesonet

Storms formed along a southward moving cold front and traveled through Oklahoma and western north Texas on the evening of the 9th and overnight into the early hours of the 10th. A gust front formed ahead of these storms producing widespread gusty winds of 40 to 50 mph, with an occasional severe gust embedded.

(OK-Z031) SEMINOLE, (OK-Z032) HUGHES, (OK-Z041) MURRAY, (OK-Z042) PONTOTOC, (OK-Z043) COAL, (OK-Z047) JOHNSTON, (OK-Z048) ATOKA

09/13/16 00:00 CST	0	Drought
09/30/16 23:59 CST	0	

Abnormally dry conditions allowed severe drought to reform over parts of south central Oklahoma, showing up on the drought monitor on the 13th and lasting into October.

PONTOTOC COUNTY --- 1.0 NW STONEWALL [34.66, -96.54], 1.1 NE STONEWALL [34.66, -96.52], 0.9 ESE STONEWALL [34.64, -96.51], 0.6 SW STONEWALL [34.64, -96.54]

09/15/16 13:24 CST	0	Flash Flood (due to Heavy Rain)
09/15/16 16:24 CST	0	Source: Department of Highways

Several roads were closed due to flooding with some areas under two feet of water. No reports of flooding in homes or businesses.

OKLAHOMA COUNTY --- (OKC)WILL ROGERS APT [35.39, -97.60]

09/15/16 14:28 CST	0	Thunderstorm Wind (MG 59 kt)
09/15/16 14:28 CST	0	Source: ASOS

CADDO COUNTY --- 1.8 S EAKLY [35.28, -98.56], 1.8 SSE EAKLY [35.29, -98.55], 1.3 SSE EAKLY [35.29, -98.55], 1.1 S EAKLY [35.29, -98.56]

09/15/16 17:16 CST	0	Flash Flood (due to Heavy Rain)
09/15/16 20:16 CST	0	Source: Emergency Manager

Water covered the roadway at county road 2490 and highway 152.

Scattered storms formed across Oklahoma and north Texas on the 15th under the influence of an approaching upper low. Training storms resulted in some flooding.

BECKHAM COUNTY --- 4.2 ESE ERICK [35.19, -99.80]

09/17/16 13:45 CST	0	Thunderstorm Wind (MG 56 kt)
09/17/16 13:45 CST	0	Source: Mesonet

CADDO COUNTY --- CARNEGIE [35.10, -98.60]

09/17/16 15:18 CST	2K	Thunderstorm Wind (EG 56 kt)
09/17/16 15:18 CST	0	Source: Broadcast Media

Power poles were downed.

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CLEVELAND COUNTY --- 3.0 SSW MOORE [35.30, -97.51]				
	09/17/16 15:40 CST		0	Thunderstorm Wind (EG 61 kt)
	09/17/16 15:40 CST		0	Source: Trained Spotter
No damage reported.				
OKLAHOMA COUNTY --- 1.1 E (OKC)WILL ROGERS APT [35.39, -97.58]				
	09/17/16 15:40 CST		0	Hail (1.00 in)
	09/17/16 15:40 CST		0	Source: Public
OKLAHOMA COUNTY --- 3.1 ENE (OKC)WILL ROGERS APT [35.41, -97.55]				
	09/17/16 15:40 CST		5K	Thunderstorm Wind (EG 65 kt)
	09/17/16 15:40 CST		0	Source: Broadcast Media
An apartment roof was damaged and partially removed.				
CLEVELAND COUNTY --- 2.4 SSW MOORE [35.31, -97.51]				
	09/17/16 15:41 CST		0	Thunderstorm Wind (EG 56 kt)
	09/17/16 15:41 CST		0	Source: NWS Employee
A few trees were snapped near SW 34th and Santa Fe.				
CANADIAN COUNTY --- PIEDMONT [35.64, -97.75]				
	09/17/16 15:44 CST		0	Hail (1.00 in)
	09/17/16 15:44 CST		0	Source: Broadcast Media
BLAINE COUNTY --- 6.2 SSE EAGLE CITY [35.85, -98.54]				
	09/17/16 15:45 CST		0	Thunderstorm Wind (MG 52 kt)
	09/17/16 15:45 CST		0	Source: Mesonet
CLEVELAND COUNTY --- 1.4 S MOORE [35.32, -97.49]				
	09/17/16 15:45 CST		0	Thunderstorm Wind (EG 52 kt)
	09/17/16 15:45 CST		0	Source: Public
No damage reported.				
BLAINE COUNTY --- 1.8 SE ROMAN NOSE ST PARK [35.91, -98.41]				
	09/17/16 15:52 CST		0	Thunderstorm Wind (MG 52 kt)
	09/17/16 15:52 CST		0	Source: Emergency Manager
CLEVELAND COUNTY --- 2.7 SSW MOORE [35.31, -97.51]				
	09/17/16 15:52 CST		0	Thunderstorm Wind (MG 56 kt)
	09/17/16 15:52 CST		0	Source: Public
No damage reported.				
MCCLAIN COUNTY --- 0.7 ESE WAYNE [34.91, -97.31]				
	09/17/16 16:40 CST		10K	Thunderstorm Wind (EG 56 kt)
	09/17/16 16:40 CST		0	Source: Emergency Manager
Winds caused tree damage to a Bradford Pear (8 inches) and an Oak (18 inches).				
MCCLAIN COUNTY --- 1.4 S WAYNE [34.90, -97.32]				
	09/17/16 16:40 CST		5K	Thunderstorm Wind (EG 61 kt)
	09/17/16 16:40 CST		0	Source: Emergency Manager
A business sustained roof damage.				
MCCLAIN COUNTY --- WAYNE [34.92, -97.32]				

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	09/17/16 16:40 CST		10K	Thunderstorm Wind (EG 56 kt)
	09/17/16 16:40 CST		0	Source: Fire Department/Rescue
Two semi trucks were turned over on I-35 and power lines were downed near Highways 77 and 59.				
PONTOTOC COUNTY --- ROFF [34.63, -96.84]				
	09/17/16 17:35 CST		0	Thunderstorm Wind (EG 56 kt)
	09/17/16 17:35 CST		0	Source: Emergency Manager
Winds caused tree damage and power outages throughout the town of Roff.				
JOHNSTON COUNTY --- 0.6 SSW CONNERVILLE [34.44, -96.64]				
	09/17/16 18:11 CST		5K	Thunderstorm Wind (EG 65 kt)
	09/17/16 18:11 CST		0	Source: Emergency Manager
Winds partially removed a roof off a metal building.				
JOHNSTON COUNTY --- CONNERVILLE [34.45, -96.63]				
	09/17/16 18:13 CST		0	Thunderstorm Wind (MG 56 kt)
	09/17/16 18:13 CST		0	Source: Fire Department/Rescue
JOHNSTON COUNTY --- 2.4 WSW BROMIDE [34.41, -96.54]				
	09/17/16 18:22 CST		0	Thunderstorm Wind (EG 56 kt)
	09/17/16 18:22 CST		0	Source: Emergency Manager
Trees downed in camp Simpson.				
JOHNSTON COUNTY --- 3.7 WSW BROMIDE [34.41, -96.56]				
	09/17/16 18:22 CST		1K	Thunderstorm Wind (EG 56 kt)
	09/17/16 18:22 CST		0	Source: Emergency Manager
Winds damaged a metal building.				
ROGER MILLS COUNTY --- 0.6 W CHEYENNE [35.61, -99.68]				
	09/17/16 23:03 CST		0	Thunderstorm Wind (EG 52 kt)
	09/17/16 23:03 CST		0	Source: Emergency Manager
No damage reported.				
TILLMAN COUNTY --- 2.9 W GRANDFIELD [34.23, -98.74]				
	09/18/16 01:40 CST		0	Thunderstorm Wind (MG 50 kt)
	09/18/16 01:40 CST		0	Source: Mesonet
Two storm systems formed off the Rockies under the influence of an upper level trough and traversed across Oklahoma and western North Texas. The first came across during the afternoon and evening hours of the 17th as a disorganized area of storms. The second came across overnight into the early hours of the 18th as a line of storms.				
BECKHAM COUNTY --- 2.4 SE ELK CITY [35.39, -99.39], 2.4 ENE ELK CITY [35.43, -99.39], 1.7 NW ELK CITY [35.42, -99.44], 2.6 SSW ELK CITY [35.38, -99.44]				
	09/24/16 15:54 CST		0	Flash Flood (due to Heavy Rain)
	09/24/16 18:54 CST		0	Source: Social Media
COMANCHE COUNTY --- 2.0 SSW LAWTON [34.58, -98.41], 2.1 SSW LAWTON [34.58, -98.41], 2.1 SSW LAWTON [34.58, -98.40], 2.0 SSW LAWTON [34.58, -98.40]				
	09/24/16 19:54 CST		0	Flash Flood (due to Heavy Rain)
	09/24/16 22:54 CST		0	Source: Amateur Radio
Eight to ten inch deep water was flowing across SW 11th and Tennessee street in southern portions of Lawton.				
COMANCHE COUNTY --- 2.2 WSW LAWTON [34.60, -98.42], 2.4 WSW LAWTON [34.59, -98.42], 2.1 SW LAWTON [34.59, -98.42], 1.9 WSW LAWTON [34.60, -98.42]				

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	09/24/16 20:00 CST		0	Flash Flood (due to Heavy Rain)
	09/24/16 23:00 CST		0	Source: Fire Department/Rescue

Vehicle was stranded in high water at the intersection of Sheridan and Lee boulevard.

COMANCHE COUNTY --- 1.2 SSW LAWTON [34.59, -98.40], 1.3 SSW LAWTON [34.59, -98.40], 1.4 SSW LAWTON [34.59, -98.40], 1.3 SW LAWTON [34.60, -98.40]

09/24/16 20:10 CST	0	Flash Flood (due to Heavy Rain)
09/24/16 23:10 CST	0	Source: Fire Department/Rescue

High water rescue at the intersection of SW 9th and SW Washington avenue.

As a large upper trough moved through and combined with some tropical moisture, abundant rainfall produced flooding across the area on the 24th.

TEXAS, Western North

WILBARGER COUNTY --- VERNON [34.15, -99.29]

09/10/16 00:00 CST	30K	Heavy Rain
09/10/16 02:00 CST	0	Source: Broadcast Media

Roof collapsed due to heavy rain. 2 to 3 inches of rain was reported. Debris caused damage to a second building as well.

WILBARGER COUNTY --- LOCKETT [34.08, -99.37]

09/10/16 00:24 CST	0	Thunderstorm Wind (MG 56 kt)
09/10/16 00:24 CST	0	Source: Public

Measured with a personal anemometer.

Storms formed along a southward moving cold front and traveled through Oklahoma and western north Texas on the evening of the 9th and overnight into the early hours of the 10th. A gust front formed ahead of these storms producing widespread gusty winds of 40 to 50 mph, with an occasional severe gust embedded.

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

09/15/16 16:15 CST	0	Hail (2.75 in)
09/15/16 16:15 CST	0	Source: Public

Scattered storms formed across Oklahoma and north Texas on the 15th under the influence of an approaching upper low. Training storms resulted in some flooding.

WICHITA COUNTY --- 0.7 S BURKBURNETT [34.08, -98.56]

09/18/16 02:10 CST	2K	Thunderstorm Wind (EG 56 kt)
09/18/16 02:10 CST	0	Source: Public

Power line/poles downed.

WICHITA COUNTY --- 0.9 SW (SPS)SHEPPARD AFB [33.98, -98.50]

09/18/16 02:25 CST	0	Thunderstorm Wind (MG 50 kt)
09/18/16 02:25 CST	0	Source: ASOS

Two storm systems formed off the Rockies under the influence of an upper level trough and traversed across Oklahoma and western North Texas. The first came across during the afternoon and evening hours of the 17th as a disorganized area of storms. The second came across overnight into the early hours of the 18th as a line of storms.

FOARD COUNTY --- 1.4 NW THALIA [33.99, -99.56], 2.4 ENE CROWELL [33.99, -99.68], 6.4 S CROWELL [33.89, -99.71], 7.8 SSE THALIA [33.87, -99.49]

09/24/16 17:05 CST	0	Flash Flood (due to Heavy Rain)
09/24/16 20:05 CST	0	Source: Law Enforcement

Foard county sheriff's office reported numerous farm to market roads closed east and south of Crowell proper , including the closing of U.S. Highway 70 between Crowell and Thalia. Up to 6 inches of water were covering the highway.

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BAYLOR COUNTY --- 0.9 ESE SEYMOUR [33.59, -99.25], 1.5 ESE SEYMOUR [33.58, -99.23], 1.9 SE SEYMOUR [33.57, -99.24], 0.5 SSE SEYMOUR [33.58, -99.26]				
	09/24/16 17:35 CST		0	Flash Flood (due to Heavy Rain)
	09/24/16 20:35 CST		0	Source: Law Enforcement
Water covering FM 114 near intersection with US highway 183/277.				
BAYLOR COUNTY --- 5.0 SSE MABELLE [33.60, -99.10], 5.9 SSE MABELLE [33.59, -99.10], 5.7 S MABELLE [33.59, -99.12], 4.7 S MABELLE [33.60, -99.12]				
	09/24/16 17:35 CST		0	Flash Flood (due to Heavy Rain)
	09/24/16 23:35 CST		0	Source: Law Enforcement
Water covered the road at the intersection of FM 422 and 210.				
WICHITA COUNTY --- 4.8 S WICHITA FALLS [33.84, -98.49], 3.4 S WICHITA FALLS [33.86, -98.49], 4.1 SSW WICHITA FALLS [33.85, -98.51], 4.9 S WICHITA FALLS [33.84, -98.50]				
	09/24/16 20:20 CST		0	Flash Flood (due to Heavy Rain)
	09/24/16 23:20 CST		0	Source: Law Enforcement
Water flowed across state highway 79.				
BAYLOR COUNTY --- 1.0 SE SEYMOUR [33.58, -99.25], 0.6 SE SEYMOUR [33.58, -99.25], 0.8 SW SEYMOUR [33.58, -99.27], 1.1 SSW SEYMOUR [33.58, -99.27]				
	09/24/16 20:30 CST		0	Flash Flood (due to Heavy Rain)
	09/24/16 23:30 CST		0	Source: Law Enforcement
Water covered US highway 183/283.				
WICHITA COUNTY --- 3.3 SSW WICHITA FALLS [33.87, -98.52], 3.5 SW WICHITA FALLS [33.87, -98.53], 3.1 SW WICHITA FALLS [33.88, -98.53], 2.7 SW WICHITA FALLS [33.88, -98.52]				
	09/24/16 21:18 CST		0	Flash Flood (due to Heavy Rain)
	09/25/16 00:18 CST		0	Source: Broadcast Media
Estimated 1 foot of flood waters near Midwestern State University.				
As a large upper trough moved through and combined with some tropical moisture, abundant rainfall produced flooding across the area on the 24th.				