

## Storm Data and Unusual Weather Phenomena - August 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>OKLAHOMA, Western, Central and Southeast</b>				
<b>(OK-Z052) BRYAN</b>				
	08/01/16 00:00 CST		0	Drought
	08/16/16 00:00 CST		0	
Abnormally dry conditions allowed severe drought continue into Bryan county through mid August. As increased rainfall returned to the area, the drought category was scaled back to moderate drought.				
<b>ELLIS COUNTY --- ARNETT [36.14, -99.77]</b>				
	08/07/16 14:00 CST		0	Thunderstorm Wind (EG 52 kt)
	08/07/16 14:00 CST		0	Source: Law Enforcement
No damage was reported.				
<b>BLAINE COUNTY --- 3.0 SW OKEENE [36.09, -98.36]</b>				
	08/07/16 19:15 CST		1K	Thunderstorm Wind (EG 52 kt)
	08/07/16 19:15 CST		0	Source: Emergency Manager
Power poles down.				
<b>MAJOR COUNTY --- AMES [36.25, -98.19]</b>				
	08/07/16 19:55 CST		0	Thunderstorm Wind (EG 52 kt)
	08/07/16 19:55 CST		0	Source: Public
Four inch tree limbs were snapped.				
<b>BLAINE COUNTY --- 6.2 SSE EAGLE CITY [35.85, -98.54]</b>				
	08/07/16 21:05 CST		0	Thunderstorm Wind (MG 51 kt)
	08/07/16 21:05 CST		0	Source: Mesonet
<b>BLAINE COUNTY --- 6.2 SSE EAGLE CITY [35.85, -98.54]</b>				
	08/07/16 21:10 CST		0	Thunderstorm Wind (MG 63 kt)
	08/07/16 21:10 CST		0	Source: Mesonet
<b>GRANT COUNTY --- MEDFORD [36.81, -97.73]</b>				
	08/07/16 22:30 CST		0	Thunderstorm Wind (MG 59 kt)
	08/07/16 22:30 CST		0	Source: Trained Spotter
No damage was reported.				
On the evening of the 7th, scattered to widespread storms fired along a stationary boundary across western and northern Oklahoma.				
<b>MURRAY COUNTY --- DAVIS [34.50, -97.12]</b>				
	08/08/16 13:35 CST		0	Hail (1.75 in)
	08/08/16 13:35 CST		0	Source: Post Office
<b>MURRAY COUNTY --- DAVIS [34.50, -97.12]</b>				
	08/08/16 13:35 CST		0	Thunderstorm Wind (EG 61 kt)
	08/08/16 13:35 CST		0	Source: Law Enforcement
No damage was reported.				
<b>MURRAY COUNTY --- SULPHUR [34.51, -96.97]</b>				
	08/08/16 13:35 CST		0	Hail (1.75 in)
	08/08/16 13:35 CST		0	Source: Post Office
<b>LOVE COUNTY --- 3.1 SE BURNEYVILLE [33.88, -97.26]</b>				

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	08/08/16 16:30 CST		0	Thunderstorm Wind (MG 57 kt)
	08/08/16 16:30 CST		0	Source: Mesonet
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<b>LOVE COUNTY --- 3.1 SE BURNEYVILLE [33.88, -97.26]</b>				
	08/08/16 16:50 CST		0	Thunderstorm Wind (MG 59 kt)
	08/08/16 16:50 CST		0	Source: Mesonet
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<b>As a front moved south, scattered storms fired along it on the evening of the 8th across south central Oklahoma.</b>				
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<b>(OK-Z025) OKLAHOMA</b>				
	08/11/16 12:00 CST		0	Excessive Heat
	08/11/16 18:00 CST	5	0	
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<b>(OK-Z025) OKLAHOMA</b>				
	08/12/16 12:00 CST		0	Heat
	08/13/16 18:00 CST	1	0	
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<b>With high pressure firmly over the area, heat indices ranged from 92 to 111 degrees between the 11th and the 13th. The Emergency Medical Services Authority reported 6 calls for heat related injuries over this period.</b>				
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<b>BECKHAM COUNTY --- 4.8 S ELK CITY [35.34, -99.42]</b>				
	08/19/16 15:30 CST		0	Thunderstorm Wind (MG 55 kt)
	08/19/16 15:30 CST		0	Source: Mesonet
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<b>CUSTER COUNTY --- 1.8 NW ARAPAHO [35.60, -98.98]</b>				
	08/19/16 15:32 CST		0	Hail (1.00 in)
	08/19/16 15:32 CST		0	Source: Broadcast Media
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<b>BECKHAM COUNTY --- DELHI [35.18, -99.68]</b>				
	08/19/16 16:08 CST		15K	Thunderstorm Wind (MG 56 kt)
	08/19/16 16:08 CST		0	Source: Fire Department/Rescue
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<b>Several barn roofs were blown off and irrigation equipment was moved/damaged. Also, power lines were downed in Delhi.</b>				
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<b>BECKHAM COUNTY --- 0.5 S SAYRE [35.29, -99.64], 0.5 S SAYRE [35.29, -99.64], 0.7 S SAYRE [35.29, -99.64], 0.7 S SAYRE [35.29, -99.64]</b>				
	08/19/16 16:16 CST		0	Flood (due to Heavy Rain)
	08/19/16 19:16 CST		0	Source: Trained Spotter
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<b>Water ran over the roadway on highway 283.</b>				
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<b>HARMON COUNTY --- 114.0 SSW MUTUAL [34.67, -99.83]</b>				
	08/19/16 17:50 CST		0	Thunderstorm Wind (MG 57 kt)
	08/19/16 17:50 CST		0	Source: Mesonet
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<b>WOODWARD COUNTY --- 17.6 N MOORELAND ARPT [36.73, -99.13]</b>				
	08/19/16 18:30 CST		0	Thunderstorm Wind (MG 54 kt)
	08/19/16 18:30 CST		0	Source: Mesonet
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<b>A line of storms fired off a cold front as it moved into northwest Oklahoma on the afternoon and evening of the 19th, producing some severe weather and flooding.</b>				
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<b>ROGER MILLS COUNTY --- 1.4 S REYDON [35.63, -99.92]</b>				
	08/23/16 15:46 CST		0	Hail (1.00 in)
	08/23/16 15:46 CST		0	Source: Trained Spotter
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<b>ROGER MILLS COUNTY --- 2.3 W CHEYENNE [35.61, -99.71]</b>				
	08/23/16 16:00 CST		0	Thunderstorm Wind (MG 52 kt)
	08/23/16 16:00 CST		0	Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ROGER MILLS COUNTY --- 5.2 SW HAMMON [35.58, -99.45]</b>				
	08/23/16 17:00 CST		0	Hail (1.00 in)
	08/23/16 17:00 CST		0	Source: Public
<b>ROGER MILLS COUNTY --- 3.0 NNW REYDON [35.69, -99.94]</b>				
	08/23/16 17:15 CST		0	Hail (1.00 in)
	08/23/16 17:15 CST		0	Source: Public
<b>ROGER MILLS COUNTY --- 6.1 NE BERLIN [35.51, -99.55]</b>				
	08/23/16 17:15 CST		0	Hail (1.00 in)
	08/23/16 17:15 CST		0	Source: Fire Department/Rescue
<b>ROGER MILLS COUNTY --- 0.6 SW HAMMON [35.63, -99.39], 0.7 NW HAMMON [35.64, -99.39], 0.6 NE HAMMON [35.64, -99.37], 0.7 SE HAMMON [35.62, -99.37]</b>				
	08/23/16 18:50 CST		40K	Flood (due to Heavy Rain)
	08/23/16 18:50 CST		0	Source: Emergency Manager
Six inches of water was inside a church building.				
<b>ROGER MILLS COUNTY --- 7.0 S ANGORA [35.74, -99.46]</b>				
	08/23/16 18:50 CST		0	Hail (1.00 in)
	08/23/16 18:50 CST		0	Source: Emergency Manager
An line of storms extended up from west Texas into wester Oklahoma as a shortwave moved through on the evening of the 23rd.				
<b>GARFIELD COUNTY --- 1.1 E (END)VANCE AFB ENID [36.34, -97.90]</b>				
	08/24/16 16:44 CST		0	Thunderstorm Wind (MG 50 kt)
	08/24/16 16:44 CST		0	Source: AWOS
<b>GARFIELD COUNTY --- 1.5 NNW WAUKOMIS [36.30, -97.91]</b>				
	08/24/16 16:45 CST		15K	Thunderstorm Wind (EG 61 kt)
	08/24/16 16:45 CST		0	Source: Emergency Manager
Utility poles and lines reported downed on both Oakwood road and US-81 between Waukomis and Vance Air Force Base. At least 15 to 20 poles were snapped or downed. Lahoma and drummond were reported out of power.				
<b>GARFIELD COUNTY --- 1.1 E (END)VANCE AFB ENID [36.34, -97.90]</b>				
	08/24/16 16:48 CST		0	Thunderstorm Wind (MG 75 kt)
	08/24/16 16:48 CST		0	Source: AWOS
<b>KAY COUNTY --- 2.3 WSW TONKAWA [36.66, -97.35]</b>				
	08/24/16 17:35 CST		20K	Thunderstorm Wind (EG 56 kt)
	08/24/16 17:35 CST	1	0	Source: Emergency Manager
Two semi-trailers were blown over. One injury was reported.				
<b>KAY COUNTY --- 3.8 SSE BLACKWELL [36.75, -97.25]</b>				
	08/24/16 17:40 CST		0	Thunderstorm Wind (MG 53 kt)
	08/24/16 17:40 CST		0	Source: Mesonet
<b>TILLMAN COUNTY --- 2.9 W TIPTON [34.50, -99.19]</b>				
	08/24/16 18:04 CST		0	Thunderstorm Wind (MG 50 kt)
	08/24/16 18:04 CST		0	Source: Emergency Manager
Also reported nickel size hail and torrential rain.				
<b>KAY COUNTY --- 8.3 E NEWKIRK [36.88, -96.91]</b>				

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	08/24/16 18:15 CST		0	Thunderstorm Wind (MG 51 kt)
	08/24/16 18:15 CST		0	Source: Mesonet
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<b>GARFIELD COUNTY --- 3.1 ENE WAUKOMIS [36.30, -97.85]</b>				
	08/24/16 18:40 CST		5K	Lightning
	08/24/16 18:40 CST		0	Source: Emergency Manager
A tank battery was hit by lightning. Damage cost estimate is very rough.				
<b>A line of storms formed just ahead of a cold front in far northwest Oklahoma on the evening of the 24th, with severe winds being then primary impact.</b>				
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<b>CLEVELAND COUNTY --- 2.4 WSW MOORE [35.33, -97.53]</b>				
	08/25/16 14:20 CST		1K	Thunderstorm Wind (EG 52 kt)
	08/25/16 14:20 CST		0	Source: Public
A few large branches and a fence were downed.				
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<b>ROGER MILLS COUNTY --- HAMMON [35.63, -99.38]</b>				
	08/25/16 16:00 CST		0	Hail (1.75 in)
	08/25/16 16:00 CST		0	Source: Broadcast Media
Time estimated via radar.				
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<b>HARMON COUNTY --- 4.0 WNW MC KNIGHT [34.80, -99.97]</b>				
	08/25/16 16:05 CST		0	Thunderstorm Wind (EG 56 kt)
	08/25/16 16:05 CST		0	Source: Public
No damage reported.				
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<b>DEWEY COUNTY --- 1.0 S PUTNAM [35.85, -98.97]</b>				
	08/25/16 16:35 CST		0	Thunderstorm Wind (EG 52 kt)
	08/25/16 16:35 CST		0	Source: Social Media
A short-lived gustnado or possible weak tornado was reported. Observers described it as an organized dust whirl without an apparent funnel. No damage was reported.				
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<b>CUSTER COUNTY --- 1.8 NE CLINTON [35.53, -98.95]</b>				
	08/25/16 16:45 CST		0	Hail (1.00 in)
	08/25/16 16:45 CST		0	Source: County Official
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<b>DEWEY COUNTY --- 2.8 N PUTNAM [35.90, -98.97]</b>				
	08/25/16 16:55 CST		0	Thunderstorm Wind (MG 57 kt)
	08/25/16 16:55 CST		0	Source: Mesonet
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<b>BLAINE COUNTY --- CANTON [36.06, -98.59]</b>				
	08/25/16 17:10 CST		0	Thunderstorm Wind (EG 52 kt)
	08/25/16 17:10 CST		0	Source: Law Enforcement
No damage reported.				
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<b>NOBLE COUNTY --- 6.2 SE LUCIEN [36.21, -97.38]</b>				
	08/25/16 17:20 CST		0	Hail (1.50 in)
	08/25/16 17:20 CST		0	Source: Public
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<b>NOBLE COUNTY --- 2.7 NW PERRY [36.32, -97.32]</b>				
	08/25/16 17:45 CST		0	Hail (1.00 in)
	08/25/16 17:45 CST		0	Source: Public
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<b>PAYNE COUNTY --- 0.4 WSW RIPLEY [36.02, -96.91]</b>				

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	08/25/16 17:45 CST		0	Thunderstorm Wind (MG 51 kt)
	08/25/16 17:45 CST		0	Source: County Official
Unspecified damage reported as well as some trees down and power outage in Ripley.				
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<b>PAYNE COUNTY --- 1.8 NW PERKINS [36.00, -97.05]</b>				
	08/25/16 17:45 CST		0	Thunderstorm Wind (MG 51 kt)
	08/25/16 17:45 CST		0	Source: Mesonet
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<b>LOGAN COUNTY --- 2.1 S GUTHRIE [35.85, -97.42]</b>				
	08/25/16 19:03 CST		0	Thunderstorm Wind (MG 50 kt)
	08/25/16 19:03 CST		0	Source: ASOS
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<b>LOGAN COUNTY --- 0.6 E GUTHRIE [35.88, -97.41]</b>				
	08/25/16 19:10 CST		2K	Thunderstorm Wind (EG 56 kt)
	08/25/16 19:10 CST		0	Source: Emergency Manager
Several trees and power lines were downed.				
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<b>LOGAN COUNTY --- 2.1 S GUTHRIE [35.85, -97.42]</b>				
	08/25/16 19:10 CST		0	Thunderstorm Wind (MG 52 kt)
	08/25/16 19:10 CST		0	Source: ASOS
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<b>LOGAN COUNTY --- 3.6 ESE GUTHRIE [35.86, -97.36]</b>				
	08/25/16 19:22 CST		0	Thunderstorm Wind (MG 51 kt)
	08/25/16 19:22 CST		0	Source: Trained Spotter
Scattered to numerous storms formed on and near a southeastward moving cold front on the evening of the 25th, with severe winds being the primary impact.				
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<b>CANADIAN COUNTY --- PIEDMONT [35.64, -97.75]</b>				
	08/26/16 18:40 CST		0	Hail (1.50 in)
	08/26/16 18:40 CST		0	Source: Law Enforcement
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<b>CANADIAN COUNTY --- 1.3 ENE PIEDMONT [35.65, -97.73]</b>				
	08/26/16 18:43 CST		0	Hail (1.75 in)
	08/26/16 18:43 CST		0	Source: Trained Spotter
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<b>CANADIAN COUNTY --- 2.3 E PIEDMONT [35.64, -97.71]</b>				
	08/26/16 18:49 CST		0	Hail (1.75 in)
	08/26/16 18:49 CST		0	Source: Trained Spotter
Isolated to scattered storms formed in the vicinity of a stationary front on the 26th, resulting in a few severe hail reports.				
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<b>OKLAHOMA COUNTY --- OKLAHOMA CITY [35.47, -97.51], 2.0 WSW VALLEY BROOK [35.39, -97.51], 2.1 S (TIK)TINKER AFB [35.38, -97.38], 1.9 SW NICOMA PARK [35.47, -97.34]</b>				
	08/31/16 14:40 CST		0	Flash Flood (due to Heavy Rain)
	08/31/16 17:40 CST		0	Source: Amateur Radio
Several reports of street flooding/high water on a few streets in south Oklahoma City generally between downtown and I-240 as well as the east Oklahoma City metro.				
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<b>OKLAHOMA COUNTY --- 2.4 WSW EDMOND [35.63, -97.52]</b>				
	08/31/16 16:01 CST		0	Thunderstorm Wind (EG 52 kt)
	08/31/16 16:01 CST		0	Source: Amateur Radio
Also received a report of tree damage near Countrywood lane.				
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<b>OKLAHOMA COUNTY --- 3.8 NW EDMOND [35.69, -97.53], 4.2 NW EDMOND [35.69, -97.54], 3.7 WNW EDMOND [35.68, -97.54], 3.2 NW EDMOND [35.68, -97.53]</b>				

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	08/31/16 16:30 CST		0	Flash Flood (due to Heavy Rain)
	08/31/16 19:30 CST		0	Source: Emergency Manager

Northwest 192nd street, east of western, was covered in water making it impassible.

<b>MCCLAIN COUNTY --- 0.4 WSW BYARS [34.87, -97.06], 0.6 NNW BYARS [34.88, -97.06], 0.6 NE BYARS [34.88, -97.04], 0.3 SE BYARS [34.87, -97.05]</b>				
	08/31/16 16:41 CST		0	Flash Flood (due to Heavy Rain)
	08/31/16 19:41 CST		0	Source: Trained Spotter

Water was covering roads in Byars making roads impassible. Bar ditches were full or overflowing on county roads.

<b>OKLAHOMA COUNTY --- 4.0 NW ARCADIA LAKE [35.69, -97.42], 3.6 ENE EDMOND [35.68, -97.43], 3.0 NW ARCADIA LAKE [35.68, -97.41], 3.5 NW ARCADIA LAKE [35.69, -97.41]</b>				
	08/31/16 16:42 CST		0	Flash Flood (due to Heavy Rain)
	08/31/16 19:42 CST		0	Source: Law Enforcement

Covell road was closed at I-35 due to flooding.

<b>CADDO COUNTY --- 3.1 ESE EAKLY [35.29, -98.51], 2.6 SE EAKLY [35.29, -98.52], 2.4 ESE EAKLY [35.30, -98.52], 3.1 ESE EAKLY [35.30, -98.51]</b>				
	08/31/16 18:25 CST		0	Flash Flood (due to Heavy Rain)
	08/31/16 21:25 CST		0	Source: Emergency Manager

Water was one foot deep at county road 2510 and highway 152.

<b>WOODWARD COUNTY --- 17.6 N MOORELAND ARPT [36.73, -99.13]</b>				
	08/31/16 18:40 CST		0	Thunderstorm Wind (MG 56 kt)
	08/31/16 18:40 CST		0	Source: Mesonet

Scattered showers and isolated storms formed near a weak boundary as a shortwave moved through the area on the evening of the 31st. This produced a case of flooding and a few severe wind gusts.

### TEXAS, Western North

<b>WICHITA COUNTY --- 1.5 SSW (SPS)SHEPPARD AFB [33.97, -98.50]</b>				
	08/11/16 13:43 CST		0	Thunderstorm Wind (MG 58 kt)
	08/11/16 13:43 CST		0	Source: ASOS

A few small pop up thunderstorms formed over western north Texas on the afternoon of the 11th and produced a severe wind gust.

<b>ARCHER COUNTY --- 4.5 SSW ARCHER CITY [33.53, -98.66], 4.5 S ARCHER CITY [33.53, -98.64], 7.1 SSW ARCHER CITY [33.49, -98.66], 7.2 SSW ARCHER CITY [33.49, -98.67]</b>				
	08/19/16 11:30 CST		0	Flash Flood (due to Heavy Rain)
	08/19/16 14:30 CST		0	Source: Department of Highways

Water flowed over state highway 79.

A line of storms fired off a cold front as it moved into northwest Oklahoma on the afternoon and evening of the 19th, producing some severe weather and flooding.

<b>HARDEMAN COUNTY --- QUANAHA [34.30, -99.74]</b>				
	08/23/16 20:18 CST		0	Thunderstorm Wind (MG 58 kt)
	08/23/16 20:18 CST		0	Source: Broadcast Media

An line of storms extended up from west Texas into wester Oklahoma as a shortwave moved through on the evening of the 23rd.