

Storm Data and Unusual Weather Phenomena - August 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central and Southeast				
(OK-Z009) ELLIS, (OK-Z014) ROGER MILLS, (OK-Z017) BLAINE, (OK-Z018) KINGFISHER, (OK-Z021) BECKHAM, (OK-Z024) CANADIAN, (OK-Z025) OKLAHOMA, (OK-Z029) CLEVELAND				
	08/01/17 00:00 CST	0		Drought
	08/08/17 00:00 CST	0		
Abundant rainfall helped to end the drought across the area by mid month.				
WOODWARD COUNTY --- 2.9 WNW WOODWARD [36.45, -99.44]				
	08/05/17 17:00 CST	5K		Thunderstorm Wind (EG 65 kt)
	08/05/17 17:00 CST	0		Source: Broadcast Media
Several utility poles were snapped on Highway 412. Time was estimated.				
ALFALFA COUNTY --- 3.5 N BURLINGTON [36.95, -98.42]				
	08/05/17 17:33 CST	0		Thunderstorm Wind (EG 56 kt)
	08/05/17 17:33 CST	0		Source: Storm Chaser
No damage reported.				
ELLIS COUNTY --- (GAG)GAGE AIRPORT [36.30, -99.78]				
	08/05/17 17:33 CST	0		Thunderstorm Wind (MG 54 kt)
	08/05/17 17:33 CST	0		Source: ASOS
WOODWARD COUNTY --- 9.7 S TANGIER [36.28, -99.55]				
	08/05/17 17:48 CST	0		Hail (1.00 in)
	08/05/17 17:48 CST	0		Source: Public
ALFALFA COUNTY --- 6.2 N BURLINGTON [36.99, -98.42]				
	08/05/17 17:52 CST	5K		Thunderstorm Wind (EG 65 kt)
	08/05/17 17:52 CST	0		Source: Storm Chaser
Power poles downed by a downburst.				
KAY COUNTY --- 1.3 ENE (PNC)PONCA CITY ARPT [36.74, -97.08]				
	08/05/17 20:51 CST	0		Thunderstorm Wind (MG 51 kt)
	08/05/17 20:51 CST	0		Source: Storm Chaser
Numerous thunderstorms formed across southwest and south-central Kansas during the later afternoon in an unstable airmass near a stationary surface front. These storms, along with more isolated storms further south into western Oklahoma, moved east-southeastward. The most intense storms occurred in far northern Oklahoma and southern Kansas. Sporadic marginally severe hail and severe wind gusts causing some damaging to utility poles occurred with these storms during the evening of the 5th.				
TILLMAN COUNTY --- 1.0 SE FREDERICK [34.38, -99.01], 0.7 SW FREDERICK [34.38, -99.03], 0.8 NW FREDERICK [34.40, -99.03], 1.2 NE FREDERICK [34.40, -99.00]				
	08/06/17 19:45 CST	0		Flood (due to Heavy Rain)
	08/06/17 22:45 CST	0		Source: Social Media
Received via Twitter.				
CARTER COUNTY --- 2.8 NNE LONE GROVE [34.22, -97.25]				
	08/06/17 20:05 CST	0		Thunderstorm Wind (MG 60 kt)
	08/06/17 20:05 CST	0		Source: Mesonet
BRYAN COUNTY --- 3.7 SSW ARMSTRONG [34.00, -96.37], 4.2 NNE DURANT EAKER ARPT [33.99, -96.37], 3.9 N DURANT EAKER ARPT [33.99, -96.40], 4.3 SW ARMSTRONG [34.01, -96.40]				
	08/06/17 21:02 CST	0		Flash Flood (due to Heavy Rain)
	08/07/17 00:02 CST	0		Source: Law Enforcement

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Streets were closed in town due to flooding.				
COMANCHE COUNTY --- 2.7 W LAWTON [34.60, -98.44], 1.3 NNE LAWTON [34.63, -98.38], 2.3 SE LAWTON [34.59, -98.36], 2.8 SSW LAWTON [34.57, -98.40]				
	08/06/17 23:00 CST		0	Flash Flood (due to Heavy Rain)
	08/07/17 02:00 CST		0	Source: Law Enforcement
Flash flooding resulted in at least two stranded vehicles due to high water, and barriers were placed on 4 roads in the city of Lawton.				
After widespread rain and thunderstorms moved through during the predawn hours and weakened during the day, instability increased during the afternoon and intense thunderstorms developed along a stationary front across southern Oklahoma on the 6th. These storms moved slowly in a very moist environment causing heavy rainfall amounts and localized flooding and flash flooding. One severe wind gust was measured in Carter County but no damage was reported.				
GARFIELD COUNTY --- 3.6 W ENID [36.41, -97.94]				
	08/09/17 20:25 CST		0	Thunderstorm Wind (EG 56 kt)
	08/09/17 20:25 CST		0	Source: Emergency Manager
Power lines were downed by strong winds near the 5500 block of Chestnut avenue.				
GARFIELD COUNTY --- 0.6 W ENID [36.40, -97.89]				
	08/09/17 20:33 CST		0	Thunderstorm Wind (EG 52 kt)
	08/09/17 20:33 CST		0	Source: Emergency Manager
No damage reported.				
Scattered storms formed from Kansas down into northern Oklahoma late on the 9th as an upper level trough made it's way overhead, with a few of the storms producing severe winds.				
GRADY COUNTY --- 3.0 SE CHICKASHA ARPT [35.04, -97.94], 3.0 SE CHICKASHA ARPT [35.05, -97.94], 3.0 SE CHICKASHA ARPT [35.05, -97.94], 3.1 SE CHICKASHA ARPT [35.04, -97.94]				
	08/10/17 03:18 CST		0	Flash Flood (due to Heavy Rain)
	08/10/17 06:18 CST		0	Source: Law Enforcement
Car stalled out from excessive water on roads at the intersection of Dakota Ave and highway 81/277.				
As the previous evening's storm system made it's way southward, heavy rain rates resulted in some minor flooding early on the 10th.				
COMANCHE COUNTY --- 1.7 W FLETCHER [34.82, -98.27]				
	08/10/17 15:38 CST		0	Hail (0.75 in)
	08/10/17 15:38 CST		0	Source: Fire Department/Rescue
KINGFISHER COUNTY --- 0.7 N LOYAL [35.98, -98.12]				
	08/10/17 15:40 CST		10K	Thunderstorm Wind (EG 56 kt)
	08/10/17 15:40 CST		0	Source: Broadcast Media
Large aluminum shed destroyed.				
KINGFISHER COUNTY --- OKARCHE [35.73, -97.98]				
	08/10/17 16:10 CST		0	Thunderstorm Wind (MG 51 kt)
	08/10/17 16:10 CST		0	Source: Trained Spotter
CANADIAN COUNTY --- 4.5 W EL RENO [35.53, -98.04]				
	08/10/17 16:30 CST		10K	Thunderstorm Wind (EG 61 kt)
	08/10/17 16:30 CST		0	Source: Emergency Manager
Tractor trailer overturned on I-40 near mile marker 118.				
CANADIAN COUNTY --- 4.1 SSE CALUMET [35.55, -98.08]				
	08/10/17 16:45 CST		5K	Thunderstorm Wind (EG 56 kt)
	08/10/17 16:45 CST		0	Source: Broadcast Media
Sheet metal barn was damaged.				

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CANADIAN COUNTY --- 3.9 SW EL RENO [35.49, -98.01]				
	08/10/17 16:50 CST		0	Hail (1.75 in)
	08/10/17 16:50 CST		0	Source: Amateur Radio
A few supercells formed ahead of a cold front on the afternoon of the 10th, producing some severe wind gusts.				
JACKSON COUNTY --- 5.8 ENE ELDORADO [34.51, -99.56]				
	08/13/17 21:00 CST		0	Hail (1.00 in)
	08/13/17 21:00 CST		0	Source: Emergency Manager
JACKSON COUNTY --- 5.8 ENE ELDORADO [34.51, -99.56]				
	08/13/17 21:03 CST		0	Hail (1.50 in)
	08/13/17 21:03 CST		0	Source: Emergency Manager
An area of storms formed in the vicinity of a stalled front on the 13th and made their way down the Texas panhandle and western Oklahoma through the evening.				
PAYNE COUNTY --- 1.8 SE STILLWATER [36.10, -97.04]				
	08/15/17 14:35 CST		0	Thunderstorm Wind (EG 52 kt)
	08/15/17 14:35 CST		0	Source: Public
Estimated 50-60 mph. Time estimated by radar. No damage reported.				
OKLAHOMA COUNTY --- 2.2 SW FOREST PARK [35.49, -97.48], 1.9 WSW FOREST PARK [35.50, -97.48], 1.5 SW FOREST PARK [35.50, -97.47], 1.8 SW FOREST PARK [35.49, -97.47]				
	08/15/17 16:00 CST		0	Flash Flood (due to Heavy Rain)
	08/15/17 19:00 CST		0	Source: Trained Spotter
Several inches of water caused dangerous road conditions near the intersection of Martin Luther King Jr Blvd and NE 23rd st.				
A line of storms formed over central Oklahoma on the afternoon of the 15th making their way eastward.				
MAJOR COUNTY --- FAIRVIEW [36.27, -98.48]				
	08/16/17 17:12 CST		5K	Thunderstorm Wind (EG 56 kt)
	08/16/17 17:12 CST		0	Source: Broadcast Media
A powerpole down and metal shed were destroyed.				
MAJOR COUNTY --- 3.9 NW ISABELLA [36.28, -98.39]				
	08/16/17 17:14 CST		0	Thunderstorm Wind (EG 52 kt)
	08/16/17 17:14 CST		0	Source: Trained Spotter
No damage reported.				
KAY COUNTY --- 0.7 N BLACKWELL TONKAWA MUNI ARPT [36.75, -97.35]				
	08/16/17 17:55 CST		0	Thunderstorm Wind (MG 52 kt)
	08/16/17 17:55 CST		0	Source: AWOS
GARFIELD COUNTY --- 0.7 S (END)VANCE AFB ENID [36.33, -97.92]				
	08/16/17 18:04 CST		0	Thunderstorm Wind (MG 52 kt)
	08/16/17 18:04 CST		0	Source: ASOS
KAY COUNTY --- 3.8 SSE BLACKWELL [36.75, -97.25]				
	08/16/17 18:10 CST		0	Thunderstorm Wind (MG 62 kt)
	08/16/17 18:10 CST		0	Source: Mesonet
GARFIELD COUNTY --- 1.5 NNW (WDG) WOODRING ARPT [36.40, -97.80]				
	08/16/17 18:15 CST		0	Thunderstorm Wind (EG 56 kt)
	08/16/17 18:15 CST		0	Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Several power poles were snapped. Several medium to large trees broken as well.				
NOBLE COUNTY --- 3.5 N SUMNER [36.37, -97.13]				
	08/16/17 19:00 CST		0	Thunderstorm Wind (MG 66 kt)
	08/16/17 19:00 CST		0	Source: Mesonet
KINGFISHER COUNTY --- 0.7 S LOYAL [35.96, -98.12]				
	08/16/17 19:06 CST		0	Thunderstorm Wind (EG 52 kt)
	08/16/17 19:06 CST		0	Source: Trained Spotter
Six to eight inch tree branches were blown off.				
KINGFISHER COUNTY --- 1.1 W KINGFISHER [35.86, -97.95]				
	08/16/17 19:30 CST		0	Thunderstorm Wind (MG 55 kt)
	08/16/17 19:30 CST		0	Source: Mesonet
NOBLE COUNTY --- 5.9 ENE BILLINGS [36.56, -97.34]				
	08/16/17 20:02 CST		10K	Thunderstorm Wind (EG 61 kt)
	08/16/17 20:02 CST		0	Source: Trained Spotter
A tractor trailer was blown over.				
LINCOLN COUNTY --- 4.4 WNW TRYON [35.90, -97.03]				
	08/16/17 20:39 CST		5K	Thunderstorm Wind (EG 56 kt)
	08/16/17 20:39 CST		0	Source: Trained Spotter
Estimated 60-70 mph wind blew off metal roof to four car garage. Several 4-8 inch diameter tree limbs twisted off at the same location. Time estimated by radar.				
PAYNE COUNTY --- PERKINS [35.98, -97.03]				
	08/16/17 20:43 CST		0	Hail (0.75 in)
	08/16/17 20:43 CST		0	Source: Emergency Manager
PAYNE COUNTY --- PERKINS [35.98, -97.03]				
	08/16/17 20:47 CST		0	Thunderstorm Wind (EG 52 kt)
	08/16/17 20:47 CST		0	Source: Emergency Manager
No damage reported.				
COMANCHE COUNTY --- 1.8 WSW LAWTON [34.60, -98.42]				
	08/16/17 23:30 CST		1K	Thunderstorm Wind (EG 52 kt)
	08/16/17 23:30 CST		0	Source: Amateur Radio
Power pole downed.				
COMANCHE COUNTY --- 2.4 ESE LAWTON [34.60, -98.35]				
	08/16/17 23:40 CST		5K	Thunderstorm Wind (MG 56 kt)
	08/16/17 23:40 CST		0	Source: Amateur Radio
Several shingles were blown off roof along with several 1 to 2 inch tree limbs down.				
TILLMAN COUNTY --- 2.9 W GRANDFIELD [34.23, -98.74]				
	08/17/17 00:30 CST		0	Thunderstorm Wind (MG 57 kt)
	08/17/17 00:30 CST		0	Source: Mesonet
A line of storms formed along a cold front on the afternoon of the 16th and moved southeast through Oklahoma and western north Texas overnight into the 17th.				
WASHITA COUNTY --- 0.7 S (CSM)CLINTON SHERMAN AIRPORT [35.33, -99.20]				
	08/22/17 15:54 CST		0	Thunderstorm Wind (MG 56 kt)
	08/22/17 15:54 CST		0	Source: AWOS

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POTTAWATOMIE COUNTY --- 0.7 N SHAWNEE [35.34, -96.92]				
	08/22/17 17:33 CST	0		Thunderstorm Wind (EG 52 kt)
	08/22/17 17:33 CST	0		Source: NWS Employee
No damage reported.				
POTTAWATOMIE COUNTY --- SHAWNEE [35.33, -96.92]				
	08/22/17 17:44 CST	0		Thunderstorm Wind (EG 52 kt)
	08/22/17 17:44 CST	0		Source: Storm Chaser
Delayed report. Tree limbs down of up to 5-6 inches in diameter were broken. Numerous small limbs down.				
POTTAWATOMIE COUNTY --- 3.6 NNW SHAWNEE [35.38, -96.94]				
	08/22/17 17:50 CST	0		Thunderstorm Wind (MG 53 kt)
	08/22/17 17:50 CST	0		Source: Mesonet
OKLAHOMA COUNTY --- 2.5 SSE OKLAHOMA CITY [35.44, -97.49]				
	08/22/17 17:55 CST	0		Hail (0.75 in)
	08/22/17 17:55 CST	0		Source: Public
OKLAHOMA COUNTY --- 3.9 NW EDMOND [35.69, -97.53]				
	08/22/17 18:06 CST	0		Thunderstorm Wind (EG 52 kt)
	08/22/17 18:06 CST	0		Source: Broadcast Media
No damage reported.				
SEMINOLE COUNTY --- SEMINOLE [35.23, -96.68]				
	08/22/17 18:07 CST	0		Hail (0.88 in)
	08/22/17 18:07 CST	0		Source: Public
OKLAHOMA COUNTY --- 3.0 NNE THE VILLAGE [35.61, -97.53]				
	08/22/17 18:20 CST	0		Thunderstorm Wind (EG 52 kt)
	08/22/17 18:20 CST	0		Source: Public
No damage reported.				
OKLAHOMA COUNTY --- 1.2 NW THE VILLAGE [35.58, -97.57]				
	08/22/17 18:26 CST	0		Hail (1.00 in)
	08/22/17 18:26 CST	0		Source: Broadcast Media
May Ave and Hefner Blvd.				
OKLAHOMA COUNTY --- 1.8 N OKLAHOMA CITY [35.50, -97.51], 1.4 N OKLAHOMA CITY [35.49, -97.51], 1.3 NNW OKLAHOMA CITY [35.49, -97.52], 1.8 NNW OKLAHOMA CITY [35.50, -97.52]				
	08/22/17 18:30 CST	0		Flash Flood (due to Heavy Rain)
	08/22/17 21:30 CST	0		Source: Emergency Manager
One to two feet of water was over the roadway at 23rd and Broadway.				
OKLAHOMA COUNTY --- 2.9 NNW OKLAHOMA CITY [35.51, -97.53], 2.7 NNW OKLAHOMA CITY [35.51, -97.53], 2.6 NNW OKLAHOMA CITY [35.51, -97.52], 2.8 NNW OKLAHOMA CITY [35.51, -97.52]				
	08/22/17 19:28 CST	0		Flash Flood (due to Heavy Rain)
	08/22/17 22:28 CST	0		Source: Trained Spotter
Excessive rainfall caused flooding and a stalled vehicle at 36th and Shartel.				
OKLAHOMA COUNTY --- 1.1 NNW FOREST PARK [35.53, -97.46], 0.6 NNW FOREST PARK [35.52, -97.45], 0.9 NW FOREST PARK [35.52, -97.46], 1.4 NW FOREST PARK [35.53, -97.47]				
	08/22/17 19:34 CST	0		Flash Flood (due to Heavy Rain)
	08/22/17 22:34 CST	0		Source: Broadcast Media

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At least a foot of water on roadway from excessive rainfall at northeast 50th street and I-35.				
CLEVELAND COUNTY --- 0.6 SSE NORMAN [35.21, -97.44], 0.6 SSE NORMAN [35.21, -97.44], 0.7 SSE NORMAN [35.21, -97.44], 0.7 SSE NORMAN [35.21, -97.44]				
	08/22/17 19:54 CST		0	Flash Flood (due to Heavy Rain)
	08/22/17 22:54 CST		0	Source: NWS Employee
Three feet of water was in front of the Mont restaurant at the intersection of Boyd street and Classen Blvd from excessive rainfall.				
CLEVELAND COUNTY --- 0.9 NE NORMAN [35.23, -97.43], 1.3 NE NORMAN [35.24, -97.43], 1.6 NE NORMAN [35.24, -97.42], 1.3 NE NORMAN [35.23, -97.42]				
	08/22/17 19:55 CST		0	Flash Flood (due to Heavy Rain)
	08/22/17 22:55 CST		0	Source: Broadcast Media
Flooded roads stranded several vehicles at the corner of 12TH avenue northeast and east Robinson street.				
A line of storms formed along a cold front on the evening of the 22nd, and swept southeastward. Storms were slow moving with heavy rainfall rates, producing several instances of flash flooding.				
GREER COUNTY --- 1.4 WSW GRANITE [34.96, -99.40], 1.4 W GRANITE [34.96, -99.40], 0.9 W GRANITE [34.96, -99.40], 1.0 WSW GRANITE [34.96, -99.40]				
	08/25/17 07:30 CST		0	Flash Flood (due to Heavy Rain)
	08/25/17 10:30 CST		0	Source: Social Media
OKLAHOMA COUNTY --- 2.8 NNW OKLAHOMA CITY [35.51, -97.52], 2.9 N OKLAHOMA CITY [35.51, -97.51], 2.5 N OKLAHOMA CITY [35.51, -97.51], 2.5 N OKLAHOMA CITY [35.51, -97.52]				
	08/25/17 08:20 CST		0	Flash Flood (due to Heavy Rain)
	08/25/17 11:20 CST		0	Source: Department of Highways
ODOT shut down I-235 north bound at 36TH due to flooding.				
OKLAHOMA COUNTY --- 0.9 N VALLEY BROOK [35.41, -97.48], 1.7 W DEL CITY [35.45, -97.47], 0.6 SW MIDWEST CITY [35.45, -97.40], 1.0 WNW (TIK)TINKER AFB [35.42, -97.41]				
	08/25/17 08:39 CST		0	Flash Flood (due to Heavy Rain)
	08/25/17 11:39 CST		0	Source: Fire Department/Rescue
Flooding caused stalled vehicles in both residential and commercial roadways.				
OKLAHOMA COUNTY --- 1.8 WNW (TIK)TINKER AFB [35.42, -97.42], 2.2 WNW (TIK)TINKER AFB [35.42, -97.43], 2.0 SSE DEL CITY [35.42, -97.43], 2.0 WNW (TIK)TINKER AFB [35.42, -97.42]				
	08/25/17 08:57 CST		0	Flash Flood (due to Heavy Rain)
	08/25/17 11:57 CST		0	Source: Broadcast Media
Water rescue reported at SE 44TH and Sooner.				
OKLAHOMA COUNTY --- 2.3 W OKLAHOMA CITY [35.47, -97.55], 2.0 W OKLAHOMA CITY [35.47, -97.55], 2.1 W OKLAHOMA CITY [35.48, -97.55], 2.3 W OKLAHOMA CITY [35.48, -97.55]				
	08/25/17 08:58 CST		0	Flash Flood (due to Heavy Rain)
	08/25/17 11:58 CST		0	Source: Public
Two water rescues reported near 500 N. Pennsylvania. Also, N. Pennsylvania between 3RD and 7TH was completely impassable.				
OKLAHOMA COUNTY --- 2.7 S NICHOLS HILLS [35.51, -97.54], 2.8 NNW OKLAHOMA CITY [35.50, -97.53], 2.6 NNW OKLAHOMA CITY [35.50, -97.53], 2.9 SSE NICHOLS HILLS [35.51, -97.53]				
	08/25/17 09:08 CST		0	Flash Flood (due to Heavy Rain)
	08/25/17 12:08 CST		0	Source: Public
Reports of 14 to 18 inches of water flowing over the roads near NW 36TH and Western.				
OKLAHOMA COUNTY --- 3.5 N (PWA)WILEY POST APT [35.58, -97.64], 3.9 NNE (PWA)WILEY POST APT [35.58, -97.62], 2.8 NE (PWA)WILEY POST APT [35.56, -97.62], 2.3 NNE (PWA)WILEY POST APT [35.56, -97.64]				

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	08/25/17 12:30 CST		0	Flash Flood (due to Heavy Rain)
	08/25/17 15:30 CST		0	Source: Broadcast Media

With hurricane Harvey moving inland from the gulf, Oklahoma experienced a predecessor rain event resulting in several areas of flash flooding.

TEXAS, Western North

HARDEMAN COUNTY --- 3.5 S QUANAH [34.25, -99.74]

08/16/17 19:02 CST	0	Hail (2.50 in)
08/16/17 19:02 CST	0	Source: Broadcast Media

HARDEMAN COUNTY --- 4.9 SE QUANAH [34.25, -99.68]

08/16/17 19:15 CST	0	Thunderstorm Wind (EG 52 kt)
08/16/17 19:15 CST	0	Source: Broadcast Media

No damage reported.

Insert description here.

CLAY COUNTY --- 2.4 SSE JOY [33.55, -98.20]

08/19/17 15:15 CST	0	Thunderstorm Wind (EG 52 kt)
08/19/17 15:15 CST	0	Source: Public

No damage reported.

An area of scattered storms formed over north Texas on the afternoon of the 19th, producing a severe wind gust.