

Storm Data and Unusual Weather Phenomena - October 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Northwest				
BENTON COUNTY --- GENTRY [36.27, -94.48]				
	10/17/07 15:10 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 15:10 CST		0	Source: Emergency Manager
Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs.				
FRANKLIN COUNTY --- PETER PENDER [35.35, -93.93]				
	10/17/07 19:35 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 19:35 CST		0	Source: Public
Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs.				
BENTON COUNTY --- DECATUR [36.33, -94.45]				
	10/17/07 20:00 CST		0	Thunderstorm Wind (EG 61 kt)
	10/17/07 20:00 CST		0	Source: Emergency Manager
Thunderstorm winds estimated at 70 miles an hour blew down numerous trees.				
BENTON COUNTY --- BEAVER LAKE [36.37, -93.88]				
	10/17/07 20:45 CST		0	Thunderstorm Wind (EG 61 kt)
	10/17/07 20:45 CST		0	Source: Public
Thunderstorm winds estimated at 70 miles an hour blew down numerous trees in the Horseshoe Bend area.				
WASHINGTON COUNTY --- TONTITOWN [36.18, -94.23]				
	10/17/07 21:00 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 21:00 CST		0	Source: Trained Spotter
WASHINGTON COUNTY --- SAVOY [36.10, -94.33]				
	10/17/07 21:01 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 21:01 CST		0	Source: Trained Spotter
BENTON COUNTY --- BEAVER LAKE [36.37, -93.88]				
	10/17/07 21:25 CST		0	Thunderstorm Wind (EG 61 kt)
	10/17/07 21:25 CST		0	Source: Public
Thunderstorm winds estimated at 70 miles an hour blew down trees near Beaver Dam.				
WASHINGTON COUNTY --- FAYETTEVILLE ARPT [36.00, -94.17]				
	10/17/07 21:31 CST		10K	Thunderstorm Wind (EG 50 kt)
	10/17/07 21:31 CST		0	Source: ASOS
The automated observing equipment at Drake Field measured a 58 mile an hour wind gust. Numerous trees and power lines were downed by the strong wind across the county.				
BENTON COUNTY --- 5.0 NE ROGERS [36.38, -94.06]				
	10/17/07 21:35 CST		0	Thunderstorm Wind (EG 61 kt)
	10/17/07 21:35 CST		0	Source: Public
Thunderstorm winds estimated at 70 miles an hour blew down numerous trees in the Prairie Creek Campground area.				
SEBASTIAN COUNTY --- FT SMITH [35.38, -94.42]				
	10/17/07 21:39 CST		5K	Thunderstorm Wind (EG 61 kt)
	10/17/07 21:39 CST		0	Source: Amateur Radio
Thunderstorm winds estimated at 70 miles an hour blew down trees and power lines across the City of Fort Smith.				
CRAWFORD COUNTY --- VAN BUREN [35.43, -94.35]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/17/07 21:41 CST		5K	Thunderstorm Wind (EG 61 kt)
	10/17/07 21:41 CST		0	Source: Amateur Radio

Thunderstorm winds estimated at 70 miles an hour blew down trees and power lines across the City of Van Buren.

CRAWFORD COUNTY --- MOUNTAINBURG [35.63, -94.17]				
	10/17/07 21:46 CST		1K	Thunderstorm Wind (EG 61 kt)
	10/17/07 21:46 CST		0	Source: Public

Thunderstorm winds estimated at 70 miles an hour blew out a window of a home.

MADISON COUNTY --- 2.0 NW HINDSVILLE [36.17, -93.88]				
	10/17/07 21:57 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 21:57 CST		0	Source: Amateur Radio

Thunderstorm winds estimated at 60 miles an hour blew down several large tree limbs.

MADISON COUNTY --- HINDSVILLE [36.15, -93.85]				
	10/17/07 22:05 CST		0	Hail (0.88 in)
	10/17/07 22:05 CST		0	Source: Trained Spotter

MADISON COUNTY --- HINDSVILLE [36.15, -93.85]				
	10/17/07 22:05 CST		0	Thunderstorm Wind (EG 61 kt)
	10/17/07 22:05 CST		0	Source: Trained Spotter

Thunderstorm winds estimated at 70 miles an hour split several large tree limbs and trees.

FRANKLIN COUNTY --- ALTUS [35.45, -93.77]				
	10/17/07 22:28 CST		5K	Thunderstorm Wind (EG 52 kt)
	10/17/07 22:28 CST		0	Source: Emergency Manager

Thunderstorm winds estimated at 60 miles an hour blew down power lines causing power outages.

MADISON COUNTY --- MARBLE [36.13, -93.58]				
	10/17/07 22:45 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 22:45 CST		0	Source: County Official

Thunderstorm winds estimated at 60 miles an hour blew down several large tree limbs.

Warm, moist, and very unstable air was in place across northwestern Arkansas ahead of the dry line, which moved into central Oklahoma during the afternoon. Several different waves of thunderstorms formed and moved across the region beginning in the afternoon of the 17th and ending in the evening. Very strong wind shear had also developed through a large depth of the atmosphere, which supported organized thunderstorms and even supercells. The most widespread damage occurred as a result of a squall line that developed on the dry line to the west and moved into northwestern Arkansas during the evening. Embedded bow echo thunderstorms and supercells resulted in numerous reports of large hail and wind damage.

CRAWFORD COUNTY --- 3.5 NW VAN BUREN [35.47, -94.39], 0.8 ESE SMELTZER [35.47, -94.31], 1.4 ENE VAN BUREN [35.44, -94.33], 1.6 WNW VAN BUREN [35.44, -94.37]				
	10/03/07 03:45 CST		0	Flash Flood (due to Heavy Rain)
	10/03/07 05:45 CST		0	Source: Law Enforcement

Heavy rain caused severe street flooding across the City of Van Buren.

SEBASTIAN COUNTY --- FT SMITH [35.38, -94.42], LAVACA [35.33, -94.18], WASHBURN [35.17, -94.10], EXCELSIOR [35.20, -94.33]				
	10/03/07 03:45 CST		0.80M	Flash Flood (due to Heavy Rain)
	10/03/07 06:00 CST		0	Source: Newspaper

Heavy rain caused flash flooding across the northern half of Sebastian county. Severe street flooding occurred in Fort Smith and Greenwood. In Greenwood, water entered 80 homes and several businesses. 28 homes were severely damaged. In rural areas, Highway 60 had water over it 3 miles east of Washburn and water covered the intersection of Highway 96 and Highway 22 near Lavaca.

FRANKLIN COUNTY --- CHARLESTON [35.30, -94.03], 2.7 S VESTA [35.34, -94.03], 2.7 SW VESTA [35.35, -94.06], 2.1 NW CHARLESTON [35.32, -94.06]				
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Storm Data and Unusual Weather Phenomena - October 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/03/07 04:05 CST		0	Flash Flood (due to Heavy Rain)
	10/03/07 05:45 CST		0	Source: Law Enforcement

Heavy rain caused water to flow over the intersection of Highways 217 and 60 three miles north of Charleston.

Thunderstorms developed ahead of a slow-moving cold front during the afternoon of the 12th. An organized outflow boundary pushed southward away from these storms and became the focus for additional thunderstorm development during the evening and overnight hours as the low level jet developed over far eastern Oklahoma and northwest Arkansas. The individual storms moved eastward, just north of the east-west oriented outflow boundary, resulting in several hours of locally heavy rainfall due to cell training. Five to seven inches of rain fell in some locations resulting in significant flash flooding. The KFSM ASOS recorded about 6.5 inches of rainfall during the event.

OKLAHOMA, Eastern

PAWNEE COUNTY --- PAWNEE [36.33, -96.80]

10/17/07 04:18 CST	1K	Thunderstorm Wind (EG 61 kt)
10/17/07 04:18 CST	0	Source: Law Enforcement

Thunderstorm winds estimated at 70 miles an hour blew down trees and power lines.

OSAGE COUNTY --- BURBANK [36.70, -96.72]

10/17/07 10:25 CST	0	Hail (0.75 in)
10/17/07 10:25 CST	0	Source: Trained Spotter

OSAGE COUNTY --- 2.0 N PAWHUSKA [36.70, -96.33]

10/17/07 10:50 CST	0	Hail (0.75 in)
10/17/07 10:50 CST	0	Source: Emergency Manager

OSAGE COUNTY --- 3.0 W HULAH [36.93, -96.08]

10/17/07 11:14 CST	0	Hail (0.88 in)
10/17/07 11:14 CST	0	Source: Public

TULSA COUNTY --- TULSA [36.15, -95.95]

10/17/07 14:46 CST	5K	Thunderstorm Wind (EG 61 kt)
10/17/07 14:46 CST	0	Source: Amateur Radio

Numerous power lines and trees were blown down across parts of west, midtown and north Tulsa.

TULSA COUNTY --- (TUL)TULSA INTL ARPT [36.20, -95.88]

10/17/07 14:48 CST	0	Thunderstorm Wind (MG 53 kt)
10/17/07 14:48 CST	0	Source: ASOS

The automated observing system at Tulsa International Airport recorded a 61 mile an hour wind gust.

OKMULGEE COUNTY --- 2.0 E BEGGS [35.73, -96.03]

10/17/07 14:50 CST	0	Thunderstorm Wind (EG 61 kt)
10/17/07 14:50 CST	0	Source: Law Enforcement

Thunderstorm winds estimated at 70 miles an hour blew down trees.

TULSA COUNTY --- (TUL)TULSA INTL ARPT [36.20, -95.88]

10/17/07 14:56 CST	0	Hail (0.75 in)
10/17/07 14:56 CST	0	Source: Official NWS Observations

WAGONER COUNTY --- 5.0 NNE WAGONER [35.92, -95.35]

10/17/07 15:00 CST	0	Thunderstorm Wind (EG 52 kt)
10/17/07 15:00 CST	0	Source: Public

Thunderstorm winds estimated at 60 miles an hour blew down a steel mail box and numerous large tree limbs.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ROGERS COUNTY --- CLAREMORE [36.32, -95.60]				
	10/17/07 15:10 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 15:10 CST		0	Source: Emergency Manager
ROGERS COUNTY --- FOYIL [36.43, -95.52]				
	10/17/07 15:20 CST		25K	Thunderstorm Wind (EG 70 kt)
	10/17/07 15:20 CST		0	Source: Emergency Manager
Thunderstorm winds estimated at 80 miles an hour blew the roof off one mobile home and blew another mobile home off its foundation.				
ROGERS COUNTY --- 3.0 NE BUSHYHEAD [36.50, -95.46]				
	10/17/07 15:27 CST		0	Thunderstorm Wind (EG 61 kt)
	10/17/07 15:27 CST		0	Source: Emergency Manager
Thunderstorm winds estimated at 70 miles an hour blew down a tree near Chelsea. The tree blocked a road.				
NOWATA COUNTY --- 10.0 E NOWATA [36.70, -95.45]				
	10/17/07 15:28 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 15:28 CST		0	Source: Public
Thunderstorm winds estimated at 60 miles an hour blew down two large trees.				
CRAIG COUNTY --- 6.0 E CENTRALIA [36.80, -95.24]				
	10/17/07 15:45 CST		0	Thunderstorm Wind (MG 53 kt)
	10/17/07 15:45 CST		0	Source: Mesonet
The Oklahoma mesonet site near Centralia recorded a 61 mile an hour wind gust.				
CHOCTAW COUNTY --- 5.0 S FT TOWSON [33.95, -95.27]				
	10/17/07 15:58 CST		0	Hail (0.75 in)
	10/17/07 15:58 CST		0	Source: Emergency Manager
CHOCTAW COUNTY --- 3.0 NE FT TOWSON [34.05, -95.23]				
	10/17/07 16:14 CST		0	Tornado (EF0, L: 0.10 mi , W: 50 yd)
	10/17/07 16:14 CST		0	Source: Law Enforcement
A sheriff's deputy reported a tornado had briefly developed in open country northeast of town. No damage resulted from the tornado.				
CHOCTAW COUNTY --- 5.0 NE FT TOWSON [34.07, -95.21]				
	10/17/07 16:15 CST		0	Hail (0.75 in)
	10/17/07 16:15 CST		0	Source: Public
PAWNEE COUNTY --- PAWNEE [36.33, -96.80]				
	10/17/07 16:18 CST		1K	Thunderstorm Wind (EG 61 kt)
	10/17/07 16:18 CST		0	Source: Law Enforcement
Thunderstorm winds estimated at 70 miles an hour blew down trees and power lines.				
OSAGE COUNTY --- 2.0 W HOMINY [36.42, -96.44]				
	10/17/07 17:05 CST		0	Hail (0.75 in)
	10/17/07 17:05 CST		0	Source: Amateur Radio
OSAGE COUNTY --- HOMINY ARPT [36.43, -96.38]				
	10/17/07 17:13 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 17:13 CST		0	Source: Amateur Radio
PAWNEE COUNTY --- CLEVELAND [36.32, -96.47]				
	10/17/07 17:18 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 17:18 CST		0	Source: NWS Employee

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LE FLORE COUNTY --- 5.0 E OCTAVIA [34.52, -94.61]				
	10/17/07 17:20 CST		1K	Thunderstorm Wind (EG 52 kt)
	10/17/07 17:20 CST		0	Source: Public
Thunderstorm winds estimated at 60 miles an hour blew down power lines.				
OSAGE COUNTY --- TALLANT [36.60, -96.18]				
	10/17/07 17:25 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 17:25 CST		0	Source: Public
WASHINGTON COUNTY --- 4.0 N COPAN [36.96, -95.93]				
	10/17/07 17:42 CST		0	Hail (0.75 in)
	10/17/07 17:42 CST		0	Source: Public
WASHINGTON COUNTY --- 4.0 N COPAN [36.96, -95.93]				
	10/17/07 17:42 CST		0	Thunderstorm Wind (EG 57 kt)
	10/17/07 17:42 CST		0	Source: Public
OSAGE COUNTY --- BARNSDALL [36.57, -96.17]				
	10/17/07 17:47 CST		0	Hail (0.75 in)
	10/17/07 17:47 CST		0	Source: Law Enforcement
OKFUSKEE COUNTY --- OKEMAH [35.43, -96.30]				
	10/17/07 18:10 CST		0	Hail (0.75 in)
	10/17/07 18:10 CST		0	Source: Law Enforcement
CREEK COUNTY --- 3.0 E SAPULPA [36.00, -96.05]				
	10/17/07 18:19 CST		0	Hail (0.75 in)
	10/17/07 18:19 CST		0	Source: Amateur Radio
TULSA COUNTY --- TULSA [36.15, -95.95]				
	10/17/07 18:23 CST		0.10M	Thunderstorm Wind (EG 70 kt)
	10/17/07 18:23 CST	50	0	Source: Broadcast Media
Strong thunderstorm winds with gusts estimated up to 80 miles an hour moved into the Tulsa area. Oktoberfest, an annual outdoor festival, was underway at the time. The wind destroyed several large tents at the venue, in which hundreds of people were located as the storms moved through the area. At least fifty people were injured when the tents collapsed and/or from flying debris, two of which were critically injured.				
TULSA COUNTY --- 5.0 NNE TULSA [36.22, -95.92]				
	10/17/07 18:27 CST		0	Thunderstorm Wind (MG 74 kt)
	10/17/07 18:27 CST		0	Source: NWS Employee
FAA equipment on the ground at Tulsa International Airport measured a 85 mile an hour wind gust.				
TULSA COUNTY --- (TUL)TULSA INTL ARPT [36.20, -95.88]				
	10/17/07 18:28 CST		0	Thunderstorm Wind (MG 55 kt)
	10/17/07 18:28 CST		0	Source: ASOS
The automated observing equipment at Tulsa International Airport measured at 63 mile an hour wind gust.				
TULSA COUNTY --- OWASSO [36.27, -95.85]				
	10/17/07 18:30 CST		25K	Thunderstorm Wind (EG 61 kt)
	10/17/07 18:30 CST		0	Source: Amateur Radio
Thunderstorm winds estimated at 70 miles an hour damaged trees, outbuildings and street signs.				
ROGERS COUNTY --- 10.0 WSW CLAREMORE [36.26, -95.77]				
	10/17/07 18:31 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 18:31 CST		0	Source: NWS Employee

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Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs.				
TULSA COUNTY --- 4.0 SSW TULSA [36.10, -95.98]				
	10/17/07 18:33 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 18:33 CST		0	Source: Public
TULSA COUNTY --- OWASSO [36.27, -95.85]				
	10/17/07 18:34 CST		0	Hail (1.00 in)
	10/17/07 18:34 CST		0	Source: Trained Spotter
WASHINGTON COUNTY --- OCHELATA [36.60, -95.98]				
	10/17/07 18:35 CST		0	Thunderstorm Wind (EG 61 kt)
	10/17/07 18:35 CST		0	Source: Emergency Manager
Thunderstorm winds estimated at 70 miles an hour blew down a few trees.				
WAGONER COUNTY --- COWETA [35.95, -95.65]				
	10/17/07 18:36 CST		1K	Thunderstorm Wind (EG 52 kt)
	10/17/07 18:36 CST		0	Source: Law Enforcement
Thunderstorm winds estimated at 60 miles an hour blew down power lines.				
ROGERS COUNTY --- 9.0 W CLAREMORE [36.32, -95.76]				
	10/17/07 18:40 CST		0	Hail (1.25 in)
	10/17/07 18:40 CST		0	Source: Amateur Radio
Half dollar size hail fell four miles northeast of Owasso.				
OKMULGEE COUNTY --- PRESTON [35.72, -95.98]				
	10/17/07 18:44 CST		0	Hail (0.75 in)
	10/17/07 18:44 CST		0	Source: Emergency Manager
ROGERS COUNTY --- OOLOGAH [36.45, -95.70]				
	10/17/07 18:50 CST		0.10M	Thunderstorm Wind (EG 70 kt)
	10/17/07 18:50 CST	5	0	Source: Emergency Manager
Thunderstorm winds estimated at 80 miles an hour damaged 15 to 20 mobile homes. Two mobile homes were destroyed. Five people were injured.				
ROGERS COUNTY --- 1.0 W CLAREMORE [36.32, -95.62]				
	10/17/07 18:52 CST		0	Hail (0.88 in)
	10/17/07 18:52 CST		0	Source: Amateur Radio
ROGERS COUNTY --- 3.0 SSE INOLA [36.11, -95.48]				
	10/17/07 19:00 CST		0	Thunderstorm Wind (MG 53 kt)
	10/17/07 19:00 CST		0	Source: Mesonet
The Oklahoma mesonet site near Inola measured a 61 mile an hour wind gust.				
WAGONER COUNTY --- 2.0 S COWETA [35.92, -95.65]				
	10/17/07 19:03 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 19:03 CST		0	Source: Trained Spotter
MAYES COUNTY --- CHOUTEAU [36.18, -95.35]				
	10/17/07 19:05 CST		1K	Thunderstorm Wind (EG 52 kt)
	10/17/07 19:05 CST		0	Source: Emergency Manager
Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs and power lines.				
ROGERS COUNTY --- 3.0 NE BUSHYHEAD [36.50, -95.46]				

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	10/17/07 19:10 CST		1K	Thunderstorm Wind (EG 61 kt)
	10/17/07 19:10 CST		0	Source: Law Enforcement

Thunderstorm winds estimated at 70 miles an hour blew down numerous trees and power lines.

WASHINGTON COUNTY --- 2.0 ENE COPAN [36.91, -95.90]				
	10/17/07 19:10 CST		0	Thunderstorm Wind (MG 51 kt)
	10/17/07 19:10 CST		0	Source: Mesonet

The Oklahoma mesonet site near Copan recorded a 59 mile an hour wind gust.

CHEROKEE COUNTY --- PEGGS [36.08, -95.10]				
	10/17/07 19:20 CST		0	Hail (0.88 in)
	10/17/07 19:20 CST		0	Source: Fire Department/Rescue

CHEROKEE COUNTY --- PEGGS [36.08, -95.10]				
	10/17/07 19:20 CST		0	Thunderstorm Wind (EG 61 kt)
	10/17/07 19:20 CST		0	Source: Fire Department/Rescue

Thunderstorm winds estimated at 70 miles an hour blew down trees.

MAYES COUNTY --- CHOUTEAU [36.18, -95.35]				
	10/17/07 19:22 CST		0	Thunderstorm Wind (EG 61 kt)
	10/17/07 19:22 CST		0	Source: Trained Spotter

Thunderstorm winds estimated at 70 miles an hour blew down several trees.

MUSKOGEE COUNTY --- 3.0 S HASKELL [35.78, -95.67]				
	10/17/07 19:25 CST		0	Thunderstorm Wind (EG 61 kt)
	10/17/07 19:25 CST		0	Source: Emergency Manager

Thunderstorm winds estimated at 70 miles an hour blew down numerous trees.

MUSKOGEE COUNTY --- 5.0 SSE HASKELL [35.75, -95.64]				
	10/17/07 19:25 CST		0	Thunderstorm Wind (MG 66 kt)
	10/17/07 19:25 CST		0	Source: Mesonet

The Oklahoma mesonet site near Haskell recorded a 76 mile an hour wind gust.

CRAIG COUNTY --- 7.0 E CENTRALIA [36.80, -95.22]				
	10/17/07 19:30 CST		0	Thunderstorm Wind (MG 64 kt)
	10/17/07 19:30 CST		0	Source: Mesonet

The Oklahoma mesonet site near Centralia measured at 74 mile an hour wind gust.

MCINTOSH COUNTY --- 4.0 WNW EUFAULA [35.30, -95.65]				
	10/17/07 19:30 CST		0	Thunderstorm Wind (MG 57 kt)
	10/17/07 19:30 CST		0	Source: Mesonet

The Oklahoma mesonet site near Eufaula recorded a 65 mile an hour wind gust.

MCINTOSH COUNTY --- STIDHAM [35.37, -95.70]				
	10/17/07 19:30 CST		0	Thunderstorm Wind (EG 61 kt)
	10/17/07 19:30 CST		0	Source: Trained Spotter

MCINTOSH COUNTY --- 4.0 WNW EUFAULA [35.30, -95.65]				
	10/17/07 19:35 CST		0.10M	Thunderstorm Wind (MG 78 kt)
	10/17/07 19:35 CST		0	Source: Mesonet

The Oklahoma mesonet site near Eufaula recorded at 90 mile an hour wind gust. The strong wind damaged several homes and businesses, blew down numerous trees and power lines, damaged eighteen barns, and damaged a number of boat docks.

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MUSKOGEE COUNTY --- 4.0 ESE MUSKOGEE [35.73, -95.30]				
	10/17/07 19:35 CST		0	Hail (0.75 in)
	10/17/07 19:35 CST		0	Source: Emergency Manager
WAGONER COUNTY --- 2.0 S PORTER [35.84, -95.52]				
	10/17/07 19:35 CST		0	Thunderstorm Wind (MG 54 kt)
	10/17/07 19:35 CST		0	Source: Mesonet
The Oklahoma mesonet site near Porter recorded at 62 mile an hour wind gust.				
MCINTOSH COUNTY --- EUFAULA [35.28, -95.58]				
	10/17/07 19:36 CST		0	Thunderstorm Wind (EG 61 kt)
	10/17/07 19:36 CST		0	Source: Emergency Manager
HASKELL COUNTY --- 5.0 N ENTERPRISE [35.29, -95.38]				
	10/17/07 19:40 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 19:40 CST		0	Source: Public
Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs.				
DELAWARE COUNTY --- 6.0 W BERNICE [36.62, -95.03]				
	10/17/07 19:48 CST		0	Thunderstorm Wind (EG 61 kt)
	10/17/07 19:48 CST		0	Source: Law Enforcement
Thunderstorm winds estimated at 70 miles an hour blew down trees.				
OTTAWA COUNTY --- MIAMI [36.88, -94.88]				
	10/17/07 19:48 CST		0	Thunderstorm Wind (EG 61 kt)
	10/17/07 19:48 CST		0	Source: Newspaper
Thunderstorm winds estimated at 70 miles an hour blew down trees at the golf course.				
MAYES COUNTY --- PRYOR [36.30, -95.32]				
	10/17/07 19:53 CST		10K	Thunderstorm Wind (EG 52 kt)
	10/17/07 19:53 CST		0	Source: Trained Spotter
Thunderstorm winds estimated at 60 miles an hour blew down power lines and also blew over a semi.				
MUSKOGEE COUNTY --- 1.0 N WARNER [35.51, -95.30]				
	10/17/07 19:55 CST		0	Thunderstorm Wind (EG 61 kt)
	10/17/07 19:55 CST		0	Source: Newspaper
Thunderstorm winds estimated at 70 miles an hour blew down a tree.				
WAGONER COUNTY --- 3.0 E COWETA [35.95, -95.60]				
	10/17/07 19:55 CST		10K	Thunderstorm Wind (EG 61 kt)
	10/17/07 19:55 CST		0	Source: Trained Spotter
Thunderstorm winds estimated at 70 miles an hour blew over a semi.				
MUSKOGEE COUNTY --- 4.0 SE MUSKOGEE [35.71, -95.32]				
	10/17/07 20:00 CST		0	Hail (0.75 in)
	10/17/07 20:00 CST		0	Source: Emergency Manager
OTTAWA COUNTY --- 5.0 NNE PEORIA [36.99, -94.64]				
	10/17/07 20:03 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 20:03 CST		0	Source: Amateur Radio
CHEROKEE COUNTY --- PEGGS [36.08, -95.10]				

Storm Data and Unusual Weather Phenomena - October 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/17/07 20:05 CST		0	Thunderstorm Wind (MG 61 kt)
	10/17/07 20:05 CST		0	Source: Emergency Manager

SEQUOYAH COUNTY --- 7.0 NE GORE [35.60, -95.03]

	10/17/07 20:10 CST		0	Thunderstorm Wind (EG 52 kt)
	10/17/07 20:10 CST		0	Source: Public

Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs at Tenkiller State Park.

CHEROKEE COUNTY --- 4.0 SSW COOKSON [35.65, -95.00]

	10/17/07 20:17 CST		0	Thunderstorm Wind (EG 61 kt)
	10/17/07 20:17 CST		0	Source: Public

Thunderstorm winds estimated at 70 miles an hour blew down trees and large tree limbs near Snake Creek Wilderness Lodge.

CHEROKEE COUNTY --- WOODALL [35.82, -95.08]

	10/17/07 20:22 CST		1K	Thunderstorm Wind (EG 52 kt)
	10/17/07 20:22 CST		0	Source: Emergency Manager

Thunderstorm winds estimated at 60 miles an hour blew down power lines.

ADAIR COUNTY --- 5.0 WNW WESTVILLE [36.01, -94.65]

	10/17/07 20:42 CST		0	Thunderstorm Wind (MG 56 kt)
	10/17/07 20:42 CST		0	Source: Mesonet

The Oklahoma mesonet site near Westville recorded a 64 mile an hour wind gust.

SEQUOYAH COUNTY --- 1.0 N ROLAND [35.43, -94.52]

	10/17/07 21:34 CST		0	Thunderstorm Wind (MG 55 kt)
	10/17/07 21:34 CST		0	Source: Emergency Manager

LE FLORE COUNTY --- 1.0 NW ARKOMA [35.36, -94.46]

	10/17/07 21:35 CST		1K	Thunderstorm Wind (EG 52 kt)
	10/17/07 21:35 CST		0	Source: Law Enforcement

Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs. The falling tree limbs caused power outages.

Warm, moist, and very unstable air was in place across eastern Oklahoma ahead of the dry line, which moved into central Oklahoma during the afternoon. Several different waves of thunderstorms formed and moved across the region beginning in the morning of the 17th and ending in the evening. Very strong wind shear had also developed through a large depth of the atmosphere, which supported organized thunderstorms and even supercells. The most widespread damage occurred as a result of a squall line that developed on the dry line to the west and moved into eastern Oklahoma during the early evening. Embedded bow echo thunderstorms and supercells resulted in numerous reports of large hail and very strong wind up to about 90 mph.