

## Storm Data and Unusual Weather Phenomena - July 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>OKLAHOMA, Western, Central and Southeast</b>				
<b>CARTER COUNTY --- 2.2 NW ARDMORE [34.19, -97.17]</b>				
	07/01/09 16:05 CST		0	Hail (1.00 in)
	07/01/09 16:05 CST		0	Source: Public
<b>CARTER COUNTY --- 2.0 S ARDMORE [34.14, -97.14]</b>				
	07/01/09 16:15 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/01/09 16:17 CST		0	Source: NWS Employee
<p>Numerous limbs were downed by strong winds. A tin barn was also destroyed. The time and location were estimated. Monetary damages were also estimated.</p> <p>Thunderstorms developed along a weak surface trough of low pressure on the first. One storm briefly became severe over south central Oklahoma, with quarter-size hail reported west of Ardmore.</p>				
<b>WASHITA COUNTY --- 9.0 E CORDELL [35.29, -98.83]</b>				
	07/04/09 15:25 CST		0	Hail (0.75 in)
	07/04/09 15:25 CST		0	Source: Public
<b>WASHITA COUNTY --- 9.0 E CORDELL [35.29, -98.83]</b>				
	07/04/09 15:25 CST		0	Thunderstorm Wind (EG 65 kt)
	07/04/09 15:30 CST		0	Source: Public
<b>COAL COUNTY --- 4.0 E OLNEY [34.48, -96.29]</b>				
	07/04/09 15:35 CST		3K	Thunderstorm Wind (EG 56 kt)
	07/04/09 15:35 CST		0	Source: Public
<p>A 25-foot tall, one-foot diameter hickory tree was blown over. Monetary damages were estimated.</p>				
<b>COAL COUNTY --- LEHIGH [34.47, -96.22]</b>				
	07/04/09 15:45 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/04/09 15:47 CST		0	Source: COOP Observer
<p>Several tree limbs greater than six inches in diameter were blown down. Monetary damages were estimated.</p>				
<b>JACKSON COUNTY --- ELDORADO [34.47, -99.65]</b>				
	07/04/09 16:40 CST		2K	Thunderstorm Wind (EG 52 kt)
	07/04/09 16:42 CST		0	Source: Law Enforcement
<p>A power line was blown down by strong winds. Monetary damages were estimated.</p>				
<b>GRADY COUNTY --- TUTTLE [35.29, -97.81]</b>				
	07/04/09 17:05 CST		3K	Thunderstorm Wind (EG 56 kt)
	07/04/09 17:07 CST		0	Source: Trained Spotter
<p>An outbuilding was damaged by strong winds. Monetary damages were estimated.</p>				
<b>CANADIAN COUNTY --- YUKON [35.50, -97.74]</b>				
	07/04/09 17:20 CST		0	Hail (0.75 in)
	07/04/09 17:20 CST		0	Source: Public
<b>STEPHENS COUNTY --- 7.0 NW VELMA [34.53, -97.76]</b>				
	07/04/09 19:25 CST		0	Thunderstorm Wind (MG 51 kt)
	07/04/09 19:25 CST		0	Source: Mesonet

Thunderstorms developed along an almost stationary outflow boundary that was located from southwest into south central Oklahoma by early evening. The thunderstorms developed from west to east, with additional development occurring along other outflow boundaries generated by the storms. Marginally severe hail with very strong winds caused problems for outdoor activities, with many outdoor activities having to be postponed.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>WOODS COUNTY --- 5.0 SE ALVA [36.75, -98.61]</b>				
	07/08/09 07:43 CST		0	Hail (0.88 in)
	07/08/09 07:43 CST		0	Source: Public
<b>HUGHES COUNTY --- LAMAR [35.10, -96.13]</b>				
	07/08/09 08:18 CST		0	Hail (0.88 in)
	07/08/09 08:18 CST		0	Source: Public
<b>LOGAN COUNTY --- 2.0 S CRESCENT [35.92, -97.59]</b>				
	07/08/09 10:35 CST		0	Hail (0.75 in)
	07/08/09 10:35 CST		0	Source: NWS Employee
The hail was reported on Highway 74.				
<b>OKLAHOMA COUNTY --- 2.8 NNW THE VILLAGE [35.60, -97.57]</b>				
	07/08/09 11:30 CST		7K	Thunderstorm Wind (EG 56 kt)
	07/08/09 11:33 CST		0	Source: SHAVE Project
Tree limbs up to 2 inches in diameter were downed near Quail Creek Golf Course. Monetary damages were estimated.				
<b>POTTAWATOMIE COUNTY --- TECUMSEH [35.26, -96.94]</b>				
	07/08/09 12:30 CST		0	Thunderstorm Wind (EG 61 kt)
	07/08/09 12:30 CST		0	Source: Emergency Manager
High winds downed power lines, utility poles and several trees. A sign from a local convenience store was blown down onto State Highway 9. Most of the town was without power for a short time. Monetary damage estimates were not available.				
<b>POTTAWATOMIE COUNTY --- WANETTE [34.96, -97.03]</b>				
	07/08/09 12:55 CST		0	Hail (1.00 in)
	07/08/09 12:55 CST		0	Source: Post Office
<b>PONTOTOC COUNTY --- ADA [34.77, -96.68]</b>				
	07/08/09 13:10 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/08/09 13:15 CST		0	Source: Law Enforcement
Numerous tree limbs were downed by the strong winds. Monetary damages were estimated.				
<b>PONTOTOC COUNTY --- 2.2 W ADA [34.77, -96.72]</b>				
	07/08/09 13:15 CST		2K	Thunderstorm Wind (EG 56 kt)
	07/08/09 13:20 CST		0	Source: Emergency Manager
A roof was blown off of a storage shed. Monetary damages were estimated.				
<b>MCCLAIN COUNTY --- 1.6 E BYARS [34.87, -97.02]</b>				
	07/08/09 13:20 CST		0	Hail (1.00 in)
	07/08/09 13:25 CST		0	Source: SHAVE Project
<b>GARVIN COUNTY --- STRATFORD [34.80, -96.96]</b>				
	07/08/09 13:25 CST		0	Hail (0.75 in)
	07/08/09 13:25 CST		0	Source: County Official
<b>ATOKA COUNTY --- TUSHKA [34.32, -96.17]</b>				
	07/08/09 14:20 CST		0	Thunderstorm Wind (EG 70 kt)
	07/08/09 14:25 CST		0	Source: Emergency Manager
Numerous trees and utility poles were blown down. Damage was also reported to several carports and patio covers. Monetary damage estimates were not available.				
<b>BRYAN COUNTY --- 0.8 WNW CADDO [34.13, -96.27]</b>				

## Storm Data and Unusual Weather Phenomena - July 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/08/09 14:30 CST		6K	Thunderstorm Wind (EG 61 kt)
	07/08/09 14:35 CST		0	Source: Emergency Manager

Trees were blown down north of Caddo on Highway 22. Monetary damages were estimated.

### ATOKA COUNTY --- 5.0 S ATOKA [34.31, -96.13]

	07/08/09 14:35 CST		5K	Thunderstorm Wind (EG 61 kt)
	07/08/09 14:40 CST		0	Source: Law Enforcement

Several tree limbs were blown down. Monetary damages were estimated.

### ATOKA COUNTY --- 8.0 ESE CANEY [34.19, -96.08]

	07/08/09 14:40 CST		7K	Thunderstorm Wind (EG 56 kt)
	07/08/09 14:45 CST		0	Source: Public

Several tree limbs were downed, and shingles were blown off of several homes. Monetary damages were estimated.

### ATOKA COUNTY --- 8.0 ESE CANEY [34.19, -96.08]

	07/08/09 14:45 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/08/09 14:50 CST		0	Source: Fire Department/Rescue

Several tree limbs were downed. Monetary damages were estimated.

### BRYAN COUNTY --- 2.1 N BOKCHITO [34.05, -96.14]

	07/08/09 14:45 CST		0	Thunderstorm Wind (MG 54 kt)
	07/08/09 14:45 CST		0	Source: Emergency Manager

Thunderstorms developed during the early morning hours ahead of an outflow boundary that was produced by thunderstorms in southwest Kansas. A pre-existing outflow boundary was already in place over northern Oklahoma, which aided in the development of precipitation through the afternoon hours. The thunderstorms were mainly confined to the area along and east of Interstate 35, with marginally severe hail and very strong winds reported as the cluster of thunderstorms moved southeast. Wind damage was reported over southeast Oklahoma, with hail up to quarter-size reported farther north. Monetary damage estimates were unavailable.

### PAYNE COUNTY --- YALE [36.11, -96.70]

	07/15/09 20:40 CST		10K	Thunderstorm Wind (EG 56 kt)
	07/15/09 20:42 CST		0	Source: Emergency Manager

Trees and power lines were downed. Monetary damages were estimated.

### KAY COUNTY --- 8.0 E NEWKIRK [36.88, -96.92]

	07/15/09 22:05 CST		0	Thunderstorm Wind (MG 63 kt)
	07/15/09 22:05 CST		0	Source: Mesonet

The wind gust was the result of a wet microburst.

### PAYNE COUNTY --- YALE [36.11, -96.70]

	07/15/09 22:10 CST		0	Thunderstorm Wind (EG 65 kt)
	07/15/09 22:12 CST		0	Source: Public

Three foot diameter trees were snapped, with some of the trees falling onto homes. Outbuildings and carports sustained major damage. A grain bin and barn were severely damaged. Seating at the football stadium was heavily damaged, as was the press box and the fencing surrounding the stadium. Monetary damage estimates were not available.

### KAY COUNTY --- BRAMAN [36.92, -97.33]

	07/15/09 22:50 CST		0	Thunderstorm Wind (MG 65 kt)
	07/15/09 22:50 CST		0	Source: Emergency Manager

### KAY COUNTY --- 4.0 SSE BLACKWELL [36.75, -97.25]

	07/15/09 23:25 CST		0	Thunderstorm Wind (MG 54 kt)
	07/15/09 23:25 CST		0	Source: Mesonet

A gust to 60 mph was also measured at 0520z at the same locations.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>KAY COUNTY --- (PNC)PONCA CITY ARPT [36.73, -97.10]</b>				
	07/15/09 23:31 CST		0	Thunderstorm Wind (MG 57 kt)
	07/15/09 23:31 CST		0	Source: ASOS
<b>KAY COUNTY --- (PNC)PONCA CITY ARPT [36.73, -97.10]</b>				
	07/15/09 23:38 CST		0	Thunderstorm Wind (MG 57 kt)
	07/15/09 23:38 CST		0	Source: ASOS
<b>KAY COUNTY --- (PNC)PONCA CITY ARPT [36.73, -97.10]</b>				
	07/15/09 23:48 CST		0	Thunderstorm Wind (MG 50 kt)
	07/15/09 23:48 CST		0	Source: ASOS
<p>Thunderstorms developed over northern Oklahoma during the mid evening, as a cold front moved south out of the Kansas, and an outflow boundary generated by previous thunderstorms moved slowly south. A strengthening low-level jet allowed for the thunderstorms to maintain their intensities, and also helped in producing very strong winds. Winds up to 75 mph were measured in Kay county, with severe winds also reported in Payne county. The thunderstorms weakened after midnight as they moved south into central Oklahoma.</p>				
<b>OKLAHOMA COUNTY --- 1.9 W EDMOND [35.65, -97.51]</b>				
	07/16/09 15:35 CST		7K	Thunderstorm Wind (EG 56 kt)
	07/16/09 15:35 CST		0	Source: Trained Spotter
<p>Two power poles were snapped near Edmond Road and Santa Fe Avenue. Two other poles were severely damaged. Monetary damages were estimated.</p>				
<b>OKLAHOMA COUNTY --- 2.9 NNE THE VILLAGE [35.61, -97.53]</b>				
	07/16/09 15:35 CST		0	Hail (1.75 in)
	07/16/09 15:35 CST		0	Source: Broadcast Media
<p>The hail was reported by KFOR-TV at Memorial Road and Western Avenue.</p>				
<b>OKLAHOMA COUNTY --- 3.7 N THE VILLAGE [35.62, -97.55]</b>				
	07/16/09 15:38 CST		0	Hail (1.75 in)
	07/16/09 15:38 CST		0	Source: Public
<p>The hail was reported near 150th Street and Pennsylvania Avenue.</p>				
<b>OKLAHOMA COUNTY --- 2.0 N THE VILLAGE [35.60, -97.55]</b>				
	07/16/09 15:40 CST		0	Hail (1.00 in)
	07/16/09 15:40 CST		0	Source: Public
<p>The hail was reported near 125th Street and Pennsylvania Avenue.</p>				
<b>OKLAHOMA COUNTY --- 2.0 SSE EDMOND [35.62, -97.47]</b>				
	07/16/09 15:42 CST		0	Hail (1.75 in)
	07/16/09 15:42 CST		0	Source: NWS Employee
<b>OKLAHOMA COUNTY --- 1.5 SW FOREST PARK [35.49, -97.47]</b>				
	07/16/09 15:47 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/16/09 15:47 CST		0	Source: Amateur Radio
<p>Three- to four-inch diameter tree limbs were downed near NE 23rd Street and I-35. Monetary damages were estimated.</p>				
<b>OKLAHOMA COUNTY --- 1.8 NNE OKLAHOMA CITY [35.49, -97.49]</b>				
	07/16/09 15:54 CST		0	Hail (1.00 in)
	07/16/09 15:54 CST		0	Source: Amateur Radio
<p>The hail was reported near NE 23rd and Kelley Avenue.</p>				
<b>OKLAHOMA COUNTY --- 0.5 NNW MIDWEST CITY [35.47, -97.39]</b>				

## Storm Data and Unusual Weather Phenomena - July 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/16/09 16:00 CST		0	Hail (3.00 in)
	07/16/09 16:00 CST		0	Source: Emergency Manager
Just larger than baseball-size hail was reported near Midwest City and the Hospital.				
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<b>OKLAHOMA COUNTY --- 0.5 NNW MIDWEST CITY [35.47, -97.39]</b>				
	07/16/09 16:00 CST		12K	Thunderstorm Wind (EG 61 kt)
	07/16/09 16:00 CST		0	Source: Emergency Manager
Minor roof damage was reported at Midwest City High School. Monetary damages were estimated.				
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<b>OKLAHOMA COUNTY --- 1.9 SSW MIDWEST CITY [35.44, -97.41]</b>				
	07/16/09 16:02 CST		7K	Thunderstorm Wind (EG 61 kt)
	07/16/09 16:02 CST		0	Source: Trained Spotter
Glass doors were blown in near SE 29th Street and Air Depot Boulevard. Monetary damages were estimated.				
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<b>OKLAHOMA COUNTY --- (TIK)TINKER AFB [35.41, -97.39]</b>				
	07/16/09 16:04 CST		6K	Thunderstorm Wind (MG 63 kt)
	07/16/09 16:04 CST		0	Source: ASOS
Numerous tree limbs were downed across Tinker Air Force Base. Monetary damage estimates were not available.				
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<b>OKLAHOMA COUNTY --- 1.4 ESE DEL CITY [35.44, -97.42]</b>				
	07/16/09 16:04 CST		0	Thunderstorm Wind (EG 61 kt)
	07/16/09 16:04 CST		0	Source: Amateur Radio
Several tree limbs of various sizes and signs were blown down at Rose State College. Monetary damage estimates were not available.				
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<b>SEMINOLE COUNTY --- WEWOKA [35.15, -96.49]</b>				
	07/16/09 16:10 CST		0	Hail (0.75 in)
	07/16/09 16:10 CST		0	Source: Public
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<b>OKLAHOMA COUNTY --- 2.2 SW (TIK)TINKER AFB [35.39, -97.42]</b>				
	07/16/09 16:13 CST		0	Hail (2.00 in)
	07/16/09 16:13 CST		0	Source: Emergency Manager
The hail was reported on I-240 and Sooner Road, near the GM plant.				
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<b>JOHNSTON COUNTY --- MILBURN [34.24, -96.55]</b>				
	07/16/09 16:20 CST		0	Hail (0.75 in)
	07/16/09 16:20 CST		0	Source: Emergency Manager
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<b>JOHNSTON COUNTY --- 3.0 N MILBURN [34.28, -96.55]</b>				
	07/16/09 16:30 CST		0	Hail (0.88 in)
	07/16/09 16:30 CST		0	Source: Emergency Manager
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<b>JOHNSTON COUNTY --- 3.0 N MILBURN [34.28, -96.55]</b>				
	07/16/09 16:30 CST		0	Thunderstorm Wind (EG 56 kt)
	07/16/09 16:30 CST		0	Source: Emergency Manager
Trees and power poles/lines were blown down. Nickel-size hail was also reported at this locations. Monetary damage estimates were not available.				
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<b>OKLAHOMA COUNTY --- 1.0 N DEL CITY [35.46, -97.44]</b>				
	07/16/09 16:31 CST		8K	Thunderstorm Wind (EG 56 kt)
	07/16/09 16:31 CST		0	Source: Trained Spotter
Power lines were downed near Reno Avenue and Sunnyslane Road. Monetary damages were estimated.				
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<b>CUSTER COUNTY --- 6.0 W ARAPAHO [35.58, -99.07]</b>				

## Storm Data and Unusual Weather Phenomena - July 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/16/09 16:39 CST		0	Hail (0.88 in)
	07/16/09 16:39 CST		0	Source: Trained Spotter
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<b>KIOWA COUNTY --- 4.0 W MOUNTAIN VIEW [35.10, -98.82]</b>				
	07/16/09 16:40 CST		0	Thunderstorm Wind (EG 52 kt)
	07/16/09 16:40 CST		0	Source: Amateur Radio
No damage was reported with the wind gust.				
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<b>CLEVELAND COUNTY --- 3.5 SSW LAKE THUNDERBIRD DAM [35.17, -97.25]</b>				
	07/16/09 16:45 CST		0	Hail (1.00 in)
	07/16/09 16:45 CST		0	Source: Public
The hail was reported near 132nd Street and Cedar Lane Road.				
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<b>CLEVELAND COUNTY --- 9.0 ESE NORMAN [35.17, -97.29]</b>				
	07/16/09 16:50 CST		0	Hail (0.88 in)
	07/16/09 16:50 CST		0	Source: Trained Spotter
A 50 mph wind gust was also reported.				
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<b>WASHITA COUNTY --- 9.0 E ROCKY [35.16, -98.90]</b>				
	07/16/09 17:35 CST		0	Thunderstorm Wind (EG 61 kt)
	07/16/09 17:35 CST		0	Source: Public
No damage was reported with the wind gust.				
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<b>KIOWA COUNTY --- 4.0 W MOUNTAIN VIEW [35.10, -98.82]</b>				
	07/16/09 17:40 CST		0	Thunderstorm Wind (EG 52 kt)
	07/16/09 17:40 CST		0	Source: Amateur Radio
No damage was reported with the wind gust.				
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<b>KIOWA COUNTY --- 4.0 W MOUNTAIN VIEW [35.10, -98.82]</b>				
	07/16/09 17:52 CST		0	Thunderstorm Wind (EG 56 kt)
	07/16/09 17:52 CST		0	Source: Amateur Radio
No damage was reported with the wind gust.				
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<b>KIOWA COUNTY --- 4.0 SE HOBART [34.99, -99.05]</b>				
	07/16/09 17:55 CST		0	Thunderstorm Wind (MG 50 kt)
	07/16/09 17:55 CST		0	Source: Mesonet
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<b>KIOWA COUNTY --- (HBR)HOBART AIRPORT [34.99, -99.05]</b>				
	07/16/09 17:57 CST		0	Thunderstorm Wind (MG 52 kt)
	07/16/09 17:57 CST		0	Source: ASOS
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<b>KIOWA COUNTY --- 8.0 S MOUNTAIN VIEW [34.98, -98.75]</b>				
	07/16/09 18:15 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/16/09 18:15 CST		0	Source: Public
Several four- to eight-inch diameter tree limbs were downed. Monetary damages were estimated.				
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<b>KIOWA COUNTY --- 8.9 S MOUNTAIN VIEW [34.97, -98.73]</b>				
	07/16/09 18:20 CST		0	Thunderstorm Wind (EG 56 kt)
	07/16/09 18:20 CST		0	Source: Amateur Radio
The wind gust was reported near Highway 115 and County Road 1410.				
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<b>ROGER MILLS COUNTY --- 6.0 SW CHEYENNE [35.55, -99.75]</b>				

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	07/16/09 20:20 CST		0	Thunderstorm Wind (MG 52 kt)
	07/16/09 20:25 CST		0	Source: Mesonet
Another gust to 59 mph was measured at 2125 CDT.				
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<b>BECKHAM COUNTY --- ELK CITY [35.41, -99.42]</b>				
	07/16/09 20:56 CST		6K	Thunderstorm Wind (EG 56 kt)
	07/16/09 20:56 CST		0	Source: Law Enforcement
Numerous tree limbs were blown down. Power was briefly out over parts of Elk City as well. Monetary damages were estimated.				
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<b>WASHITA COUNTY --- 4.0 WNW BESSIE [35.40, -99.06]</b>				
	07/16/09 21:00 CST		0	Thunderstorm Wind (MG 63 kt)
	07/16/09 21:05 CST		0	Source: Mesonet
Another gust to 63 mph was measured at 2205 CDT.				
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<b>BECKHAM COUNTY --- 3.0 S RETROP [35.12, -99.36]</b>				
	07/16/09 21:15 CST		0	Thunderstorm Wind (MG 56 kt)
	07/16/09 21:15 CST		0	Source: Mesonet
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<b>KIOWA COUNTY --- (HBR)HOBART AIRPORT [34.99, -99.05]</b>				
	07/16/09 21:27 CST		0	Thunderstorm Wind (MG 57 kt)
	07/16/09 21:27 CST		0	Source: ASOS
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<b>KIOWA COUNTY --- (HBR)HOBART AIRPORT [34.99, -99.05]</b>				
	07/16/09 21:30 CST		0	Thunderstorm Wind (EG 55 kt)
	07/16/09 21:35 CST		0	Source: Mesonet
A wind gust to 61 mph was also measured at 2230 CDT.				
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<b>COMANCHE COUNTY --- 3.0 W MEDICINE PARK [34.73, -98.55]</b>				
	07/16/09 22:00 CST		0	Thunderstorm Wind (MG 63 kt)
	07/16/09 22:10 CST		0	Source: Mesonet
A wind gust to 62 mph was also measured at 2300 CDT and 65 mph at 2310 CDT. .				
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<b>CADDO COUNTY --- 7.0 SSW FT COBB [35.01, -98.49]</b>				
	07/16/09 22:09 CST		0	Thunderstorm Wind (MG 64 kt)
	07/16/09 22:24 CST		0	Source: Amateur Radio
Several wind gusts over 60 mph were measured over a 15 minute period, with a peak wind measured at 74 mph.				
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<b>TILLMAN COUNTY --- 3.0 SSE FREDERICK [34.35, -99.00]</b>				
	07/16/09 22:12 CST		0	Thunderstorm Wind (MG 53 kt)
	07/16/09 22:12 CST		0	Source: Amateur Radio
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<b>CADDO COUNTY --- 3.0 W CYRIL [34.90, -98.25]</b>				
	07/16/09 22:42 CST		0	Thunderstorm Wind (MG 56 kt)
	07/16/09 22:42 CST		0	Source: Amateur Radio
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<b>MURRAY COUNTY --- DAVIS [34.50, -97.12]</b>				
	07/17/09 00:15 CST		0	Thunderstorm Wind (EG 52 kt)
	07/17/09 00:15 CST		0	Source: Law Enforcement

The wind gust was relayed by the Murray County Sheriff.

A large scale pattern shift was underway as northwest flow began to set up over Oklahoma. A cold front moved southeast out of Kansas into northern Oklahoma, and numerous outflow boundaries were located over the state. Thunderstorms developed by mid afternoon, mainly across the southern half of the state. The most damaging thunderstorm moved through Oklahoma City during rush hour. Hail over golf-ball size and damaging winds over 70 mph were reported as the thunderstorms moved south. Other thunderstorms

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<b>developed over southeast Oklahoma, and farther west into western Oklahoma. Thunderstorms developing over these areas also produced severe hail and damaging winds.</b>				
<b>GARFIELD COUNTY --- 1.0 NNE GARBER [36.45, -97.57]</b>				
	07/18/09 17:48 CST		0	Hail (0.75 in)
	07/18/09 17:48 CST		0	Source: Public
<b>GARFIELD COUNTY --- 3.0 S GARBER [36.40, -97.58]</b>				
	07/18/09 17:50 CST		0	Hail (1.75 in)
	07/18/09 17:50 CST		0	Source: Law Enforcement
<b>LOGAN COUNTY --- GUTHRIE [35.88, -97.42]</b>				
	07/18/09 19:10 CST		0	Hail (0.88 in)
	07/18/09 19:10 CST		0	Source: Emergency Manager
<b>LOGAN COUNTY --- 1.5 WNW GUTHRIE [35.89, -97.44], 2.3 W GUTHRIE [35.88, -97.46]</b>				
	07/18/09 19:12 CST		0	Thunderstorm Wind (EG 56 kt)
	07/18/09 19:15 CST		0	Source: Emergency Manager
<b>Several trees, tree limbs, and power lines were downed from near 11th Street, west to Academy Road. Tree limb and power line damage was also reported near 15th Street and Noble Avenue. Monetary damage estimates were not available.</b>				
<b>LOGAN COUNTY --- 0.3 SW GUTHRIE [35.88, -97.42]</b>				
	07/18/09 19:13 CST		0	Hail (1.00 in)
	07/18/09 19:13 CST		0	Source: Emergency Manager
<b>The hail was reported at Broad Street and Harrison Avenue.</b>				
<b>LOGAN COUNTY --- 2.9 ENE SEWARD [35.81, -97.44]</b>				
	07/18/09 19:15 CST		3K	Thunderstorm Wind (EG 56 kt)
	07/18/09 19:15 CST		0	Source: Emergency Manager
<b>A large tree was downed due to high winds near Guthrie Lake. Quarter-size hail was also reported at this location. Monetary damages were estimated.</b>				
<b>LOGAN COUNTY --- 2.9 ENE SEWARD [35.82, -97.44]</b>				
	07/18/09 19:15 CST		0	Hail (1.00 in)
	07/18/09 19:15 CST		0	Source: Emergency Manager
<b>The hail was reported near Guthrie Lake. Tree damage was also reported at this location.</b>				
<b>LOGAN COUNTY --- 1.5 ENE SEWARD [35.81, -97.46]</b>				
	07/18/09 19:27 CST		0	Hail (1.00 in)
	07/18/09 19:27 CST		0	Source: Trained Spotter
<b>The hail was reported near Liberty Lake.</b>				
<b>LOGAN COUNTY --- 3.0 SSW GUTHRIE [35.84, -97.44]</b>				
	07/18/09 19:28 CST		0	Hail (1.00 in)
	07/18/09 19:28 CST		0	Source: COOP Observer
<b>LOGAN COUNTY --- 4.2 ESE SEWARD [35.77, -97.43]</b>				
	07/18/09 19:33 CST		0	Hail (1.00 in)
	07/18/09 19:33 CST		0	Source: Amateur Radio
<b>The hail covered the ground near the intersection of Sooner and Coleman Roads.</b>				
<b>OKLAHOMA COUNTY --- 2.1 E EDMOND [35.65, -97.44]</b>				
	07/18/09 20:00 CST		0	Hail (1.00 in)
	07/18/09 20:00 CST		0	Source: Broadcast Media
<b>The hail was reported near 2nd Street and Coletrane Road.</b>				



## Storm Data and Unusual Weather Phenomena - July 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>Isolated thunderstorms developed across northern Oklahoma during the afternoon. The most intense storms produced golf ball size hail near Enid. This thunderstorm moved south toward Guthrie and northern Oklahoma City, producing marginally severe hail.</b>				
<hr/>				
<b>GRANT COUNTY --- 3.0 NNE MEDFORD [36.85, -97.71]</b>	07/20/09 20:16 CST	0		Hail (1.75 in)
	07/20/09 20:16 CST	0		Source: Law Enforcement
<hr/>				
<b>GRANT COUNTY --- 5.0 E POND CREEK [36.67, -97.71]</b>	07/20/09 20:55 CST	0		Hail (0.88 in)
	07/20/09 20:55 CST	0		Source: Emergency Manager
<hr/>				
<b>GRANT COUNTY --- 6.0 E POND CREEK [36.67, -97.69]</b>	07/20/09 20:55 CST	0		Hail (1.75 in)
	07/20/09 20:55 CST	0		Source: Broadcast Media
<hr/>				
The hail report was relayed by KWTW-9. An estimated wind gust of 60 mph was also reported at this location.				
<hr/>				
<b>GRANT COUNTY --- 6.0 E POND CREEK [36.67, -97.69]</b>	07/20/09 20:55 CST	0		Thunderstorm Wind (EG 52 kt)
	07/20/09 20:55 CST	0		Source: Broadcast Media
<hr/>				
The estimated wind gust was relayed by KWTW-9. Golf ball-size hail was also reported at this location.				
<hr/>				
<b>GRANT COUNTY --- 7.0 E POND CREEK [36.67, -97.67]</b>	07/20/09 20:58 CST	0		Hail (1.00 in)
	07/20/09 20:58 CST	0		Source: Public
<hr/>				
<b>WOODS COUNTY --- 16.0 NNE FREEDOM [36.98, -99.00]</b>	07/20/09 21:25 CST	0		Thunderstorm Wind (MG 50 kt)
	07/20/09 21:25 CST	0		Source: Mesonet
<hr/>				
<b>GRANT COUNTY --- 7.0 N NASH [36.77, -98.05]</b>	07/20/09 21:29 CST	0		Hail (1.75 in)
	07/20/09 21:29 CST	0		Source: Amateur Radio
<hr/>				
<b>GARFIELD COUNTY --- 1.0 N BRECKINRIDGE [36.45, -97.73]</b>	07/20/09 21:39 CST	0		Hail (1.00 in)
	07/20/09 21:39 CST	0		Source: Amateur Radio
<hr/>				
<b>ALFALFA COUNTY --- 4.0 SSE JET [36.62, -98.15]</b>	07/20/09 21:42 CST	0		Hail (2.75 in)
	07/20/09 21:42 CST	0		Source: Amateur Radio
<hr/>				
<b>GARFIELD COUNTY --- 3.0 W CARRIER [36.48, -98.07]</b>	07/20/09 21:49 CST	0		Hail (1.00 in)
	07/20/09 21:49 CST	0		Source: Amateur Radio
<hr/>				
<b>ALFALFA COUNTY --- GOLTRY [36.53, -98.15]</b>	07/20/09 21:50 CST	0		Hail (1.75 in)
	07/20/09 21:50 CST	0		Source: Amateur Radio
<hr/>				
<b>WOODS COUNTY --- 7.2 SSW ALVA [36.70, -98.72]</b>	07/20/09 22:00 CST	0		Thunderstorm Wind (MG 52 kt)
	07/20/09 22:00 CST	0		Source: Mesonet
<hr/>				
<b>WOODS COUNTY --- 7.2 SSW ALVA [36.70, -98.72]</b>	07/20/09 22:05 CST	0		Thunderstorm Wind (MG 62 kt)
	07/20/09 22:05 CST	0		Source: Mesonet

## Storm Data and Unusual Weather Phenomena - July 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MAJOR COUNTY --- MENO [36.39, -98.18]</b>				
	07/20/09 22:21 CST		0	Hail (1.75 in)
	07/20/09 22:21 CST		0	Source: Amateur Radio
<b>DEWEY COUNTY --- SEILING [36.15, -98.92]</b>				
	07/20/09 23:07 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/20/09 23:09 CST		0	Source: Emergency Manager
Numerous tree limbs were downed across the town of Seiling. Monetary damages were estimated.				
<b>DEWEY COUNTY --- 5.0 E SEILING [36.15, -98.83]</b>				
	07/20/09 23:08 CST		0	Hail (1.75 in)
	07/20/09 23:08 CST		0	Source: Emergency Manager
The hail was reported on Indian Road.				
<b>KAY COUNTY --- BRAMAN [36.92, -97.33]</b>				
	07/20/09 23:52 CST		0	Thunderstorm Wind (MG 56 kt)
	07/20/09 23:52 CST		0	Source: Emergency Manager
<b>KAY COUNTY --- 1.8 NW BRAMAN [36.94, -97.35]</b>				
	07/21/09 00:00 CST		0	Hail (0.88 in)
	07/21/09 00:00 CST		0	Source: Emergency Manager
The hail was reported one mile north of Braman near the intersection of Interstate 35 and Highway 177.				
<b>KAY COUNTY --- BRAMAN [36.92, -97.33]</b>				
	07/21/09 00:00 CST		0	Thunderstorm Wind (MG 68 kt)
	07/21/09 00:00 CST		0	Source: Emergency Manager
<b>KAY COUNTY --- 8.0 E NEWKIRK [36.88, -96.92]</b>				
	07/21/09 00:15 CST		0	Thunderstorm Wind (MG 56 kt)
	07/21/09 00:20 CST		0	Source: Mesonet
Another wind gust of 59 mph was measured at 0115 CDT.				
<b>KAY COUNTY --- PONCA CITY [36.70, -97.08]</b>				
	07/21/09 00:25 CST		0	Thunderstorm Wind (EG 61 kt)
	07/21/09 00:28 CST		0	Source: Emergency Manager
A large metal awning that was attached with steel cables was blown off a building. The awning pulled part of a wall down as well. Monetary damage estimates were not available.				
<b>WASHITA COUNTY --- 5.0 E CORDELL [35.29, -98.90]</b>				
	07/21/09 00:34 CST		0	Thunderstorm Wind (MG 64 kt)
	07/21/09 00:34 CST		0	Source: Amateur Radio
<b>KIOWA COUNTY --- 4.0 N HOBART [35.09, -99.10]</b>				
	07/21/09 00:50 CST		0	Hail (1.00 in)
	07/21/09 00:50 CST		0	Source: Emergency Manager
<b>COMANCHE COUNTY --- (FSI)FORT SILL [34.67, -98.38]</b>				
	07/21/09 01:44 CST		0	Thunderstorm Wind (MG 55 kt)
	07/21/09 01:44 CST		0	Source: ASOS
<b>JACKSON COUNTY --- (LTS)ALTUS AFB [34.66, -99.29]</b>				
	07/21/09 01:51 CST		0	Thunderstorm Wind (MG 74 kt)
	07/21/09 01:55 CST		0	Source: ASOS

## Storm Data and Unusual Weather Phenomena - July 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Another wind gust to 70 mph was measured at 0251 CDT.				
<hr/>				
<b>TILLMAN COUNTY --- 5.0 E MANITOU [34.51, -98.89]</b>				
	07/21/09 02:05 CST	0		Thunderstorm Wind (EG 52 kt)
	07/21/09 02:05 CST	0		Source: Amateur Radio
No damage was reported with the wind gust.				
<hr/>				
<b>COTTON COUNTY --- 1.0 NW WALTERS [34.36, -98.32]</b>				
	07/21/09 02:15 CST	0		Thunderstorm Wind (MG 59 kt)
	07/21/09 02:15 CST	0		Source: Mesonet
Thunderstorms developed along a warm front located over southern Kansas. Two lines of thunderstorms moved south into Oklahoma during the evening and overnight hours. Both lines produced large hail and damaging winds as they moved through much of the western half of the state. Most of the severe weather reports were hail early in the event, with a transition to more high wind reports later. Winds were measured over 70 mph at several locations. No damage was reported with the thunderstorms.				
<hr/>				
<b>KAY COUNTY --- 3.0 N BRAMAN [36.96, -97.33]</b>				
	07/28/09 16:10 CST	0		Hail (1.50 in)
	07/28/09 16:10 CST	0		Source: Public
<hr/>				
<b>OKLAHOMA COUNTY --- 5.6 NNW THE VILLAGE [35.64, -97.60]</b>				
	07/28/09 16:47 CST	0		Hail (1.00 in)
	07/28/09 16:47 CST	0		Source: NWS Employee
<hr/>				
<b>OKLAHOMA COUNTY --- 4.0 WSW EDMOND [35.64, -97.55]</b>				
	07/28/09 16:49 CST	0		Hail (0.88 in)
	07/28/09 16:49 CST	0		Source: Trained Spotter
The hail was reported near 164th Street and Pennsylvania Avenue.				
<hr/>				
<b>KAY COUNTY --- 4.0 SSE BLACKWELL [36.75, -97.25]</b>				
	07/28/09 16:50 CST	0		Thunderstorm Wind (MG 50 kt)
	07/28/09 16:50 CST	0		Source: Mesonet
<hr/>				
<b>OKLAHOMA COUNTY --- 1.7 N THE VILLAGE [35.59, -97.55]</b>				
	07/28/09 16:54 CST	0		Hail (0.88 in)
	07/28/09 16:54 CST	0		Source: Emergency Manager
The hail was reported near 122nd Street and Pennsylvania Avenue.				
<hr/>				
<b>OKLAHOMA COUNTY --- 2.9 NNW THE VILLAGE [35.61, -97.57]</b>				
	07/28/09 16:56 CST	0		Hail (1.00 in)
	07/28/09 16:56 CST	0		Source: Trained Spotter
The hail was reported near the John Kilpatrick Turnpike and May Avenue.				
<hr/>				
<b>KAY COUNTY --- KILDARE [36.81, -97.05]</b>				
	07/28/09 17:05 CST	0		Hail (1.00 in)
	07/28/09 17:05 CST	0		Source: Public
<hr/>				
<b>KAY COUNTY --- 1.4 SSE PONCA CITY [36.68, -97.07]</b>				
	07/28/09 17:10 CST	0		Thunderstorm Wind (MG 63 kt)
	07/28/09 17:10 CST	0		Source: Emergency Manager
The wind gust was measured near the intersection of Highways 177 and 60.				
<hr/>				
<b>GRANT COUNTY --- LAMONT [36.69, -97.56]</b>				
	07/28/09 17:14 CST	0		Hail (1.00 in)
	07/28/09 17:14 CST	0		Source: Public

## Storm Data and Unusual Weather Phenomena - July 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>KAY COUNTY --- PONCA CITY [36.70, -97.08]</b>				
	07/28/09 17:20 CST		0	Hail (1.00 in)
	07/28/09 17:20 CST		0	Source: Emergency Manager
<b>NOBLE COUNTY --- BILLINGS [36.53, -97.44]</b>				
	07/28/09 17:30 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/09 17:30 CST		0	Source: Public
No damage was reported with the wind gust.				
<b>PAYNE COUNTY --- (SWO)STILLWATER AIRPORT [36.16, -97.09]</b>				
	07/28/09 18:18 CST		0	Thunderstorm Wind (MG 50 kt)
	07/28/09 18:18 CST		0	Source: ASOS
<b>PAYNE COUNTY --- 0.7 NNW STILLWATER [36.13, -97.07]</b>				
	07/28/09 18:31 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/09 18:31 CST		0	Source: Emergency Manager
The wind gust was estimated at on the north side of town. Quarter-size hail was also reported at this location.				
<b>PAYNE COUNTY --- 0.9 NNW STILLWATER [36.13, -97.07]</b>				
	07/28/09 18:31 CST		0	Hail (1.00 in)
	07/28/09 18:31 CST		0	Source: Emergency Manager
The hail was reported on the north side of Stillwater. A wind gust of 60 mph was also estimated at this location.				
<b>PAYNE COUNTY --- 3.0 E STILLWATER [36.12, -97.01]</b>				
	07/28/09 18:40 CST		0	Thunderstorm Wind (EG 61 kt)
	07/28/09 18:40 CST		0	Source: Broadcast Media
No damage was reported with the wind gust.				
<b>PAYNE COUNTY --- CUSHING [35.98, -96.76]</b>				
	07/28/09 18:56 CST		0	Thunderstorm Wind (EG 65 kt)
	07/28/09 18:56 CST		0	Source: Emergency Manager
No damage was reported with the estimated wind gust.				
<b>PAYNE COUNTY --- 8.0 E STILLWATER [36.12, -96.92]</b>				
	07/28/09 18:59 CST		0	Thunderstorm Wind (EG 61 kt)
	07/28/09 18:59 CST		0	Source: Public
No damage was reported with the estimated wind gust.				
<b>PAYNE COUNTY --- CUSHING [35.98, -96.76]</b>				
	07/28/09 19:10 CST		0	Hail (0.88 in)
	07/28/09 19:10 CST		0	Source: Emergency Manager
<b>PAYNE COUNTY --- CUSHING [35.98, -96.76]</b>				
	07/28/09 19:10 CST		0	Thunderstorm Wind (MG 56 kt)
	07/28/09 19:10 CST		0	Source: Emergency Manager
<b>OKLAHOMA COUNTY --- 1.6 NE EDMOND [35.67, -97.46]</b>				
	07/28/09 19:55 CST		7K	Thunderstorm Wind (EG 56 kt)
	07/28/09 19:55 CST		0	Source: Park/Forest Service
Several trees were downed near Bryant Avenue and Danforth Road. Monetary damages were estimated.				
<b>OKLAHOMA COUNTY --- 1.9 W NICOMA PARK [35.49, -97.35]</b>				

## Storm Data and Unusual Weather Phenomena - July 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/28/09 20:10 CST		0	Hail (1.00 in)
	07/28/09 20:10 CST		0	Source: Trained Spotter
Quarter-size hail covered the ground near NE 23rd Street and Post Road.				
<hr/>				
<b>OKLAHOMA COUNTY --- (TIK)TINKER AFB [35.41, -97.39]</b>				
	07/28/09 20:21 CST		0	Thunderstorm Wind (MG 51 kt)
	07/28/09 20:21 CST		0	Source: ASOS
<hr/>				
<b>MCCLAIN COUNTY --- 3.0 E BLANCHARD [35.14, -97.62]</b>				
	07/28/09 21:35 CST		0	Hail (1.25 in)
	07/28/09 21:35 CST		0	Source: NWS Employee
<hr/>				
<b>MCCLAIN COUNTY --- 2.4 E BLANCHARD [35.14, -97.62]</b>				
	07/28/09 21:40 CST		5K	Thunderstorm Wind (EG 52 kt)
	07/28/09 21:42 CST		0	Source: NWS Employee
Several tree limbs six inches in diameter were downed along MacArthur Avenue, east of Blanchard. Monetary damages were estimated.				
<hr/>				
<b>MCCLAIN COUNTY --- 3.0 E BLANCHARD [35.14, -97.61]</b>				
	07/28/09 21:46 CST		0	Hail (2.00 in)
	07/28/09 21:46 CST		0	Source: NWS Employee
A weak cold front moved southeast into Oklahoma during the late afternoon hours. Ahead of the front, numerous boundaries left over from previous days thunderstorms, became a focus for strong to severe thunderstorm development. Thunderstorms developed during mid afternoon hours, extending from parts of central into northern Oklahoma. The strongest storms eventually organized over northern Oklahoma and moved southeast through the evening hours. The hail reached quarter size at times, with winds reaching 60 mph over some areas. No damage was reported with the thunderstorms. The activity moved south into central Oklahoma by mid evening before weakening.				
<hr/>				
<b>CUSTER COUNTY --- BUTLER [35.64, -99.19]</b>				
	07/29/09 20:21 CST		0	Hail (1.00 in)
	07/29/09 20:21 CST		0	Source: Public
<hr/>				
<b>CADDO COUNTY --- 3.0 S ANADARKO [35.04, -98.24]</b>				
	07/29/09 20:42 CST		0	Hail (0.75 in)
	07/29/09 20:42 CST		0	Source: Amateur Radio
<hr/>				
<b>ROGER MILLS COUNTY --- 6.0 SW CHEYENNE [35.55, -99.75]</b>				
	07/29/09 21:00 CST		0	Thunderstorm Wind (EG 56 kt)
	07/29/09 21:05 CST		0	Source: Mesonet
Another wind gust of 59 mph was measured at 2205 CDT.				
<hr/>				
<b>WASHITA COUNTY --- BURNS FLAT [35.36, -99.18]</b>				
	07/29/09 21:15 CST		0	Hail (0.75 in)
	07/29/09 21:15 CST		0	Source: Fire Department/Rescue
<hr/>				
<b>BECKHAM COUNTY --- 2.5 W CARTER [35.22, -99.54]</b>				
	07/29/09 22:06 CST		0	Thunderstorm Wind (EG 52 kt)
	07/29/09 22:06 CST		0	Source: Public
No damage was reported with the wind gust.				
<hr/>				
<b>GREER COUNTY --- 6.0 N GRANITE [35.05, -99.38]</b>				
	07/29/09 22:25 CST		5K	Thunderstorm Wind (EG 52 kt)
	07/29/09 22:25 CST		0	Source: Public

Several tree limbs were downed, which caused sporadic power outages. Monetary damages were estimated.

## Storm Data and Unusual Weather Phenomena - July 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>COMANCHE COUNTY --- ELGIN [34.78, -98.29]</b>				
	07/29/09 22:37 CST		0	Hail (0.75 in)
	07/29/09 22:37 CST		0	Source: Fire Department/Rescue
<b>JACKSON COUNTY --- 3.0 S ALTUS [34.60, -99.33]</b>				
	07/29/09 22:55 CST		0	Thunderstorm Wind (MG 56 kt)
	07/29/09 22:55 CST		0	Source: Mesonet
<b>TILLMAN COUNTY --- TIPTON [34.50, -99.14]</b>				
	07/29/09 23:11 CST		0	Thunderstorm Wind (EG 52 kt)
	07/29/09 23:11 CST		0	Source: Law Enforcement
No damage was reported with the wind gust.				
<b>TILLMAN COUNTY --- 2.0 W GRANDFIELD [34.23, -98.72]</b>				
	07/29/09 23:40 CST		0	Thunderstorm Wind (EG 56 kt)
	07/29/09 23:40 CST		0	Source: Broadcast Media
No damage was reported with the wind gust.				
<p><b>Thunderstorms developed during the early evening hours over parts of western and northern Oklahoma. A few storms became severe, producing marginally severe hail and winds near 60 mph. Later in the evening, a complex of thunderstorms that developed over the Texas panhandle moved east-southeast into southwest Oklahoma. These thunderstorms packed more of a punch, with very heavy rainfall and high winds. Winds over 60 mph were reported at times, with some damage to tree limbs reported. The complex weakened somewhat just after midnight, but heavy rainfall continued through the early morning hours.</b></p>				
<b>TEXAS, Western North</b>				
<b>KNOX COUNTY --- KNOX CITY [33.42, -99.82]</b>				
	07/04/09 18:01 CST		0	Thunderstorm Wind (EG 56 kt)
	07/04/09 18:05 CST		0	Source: Law Enforcement
Several power lines were downed, with damage also reported to outbuildings and a tin roof. Monetary damage estimates were not available.				
<p><b>Thunderstorms developed ahead of a slow moving outflow boundary that was located near the Red River by early evening. Heavy rain and gusty winds were common in the thunderstorms, but one tstorm caused damage to outbuildings and power lines near Knox City.</b></p>				
<b>WICHITA COUNTY --- (SPS)SHEPPARD AFB [33.99, -98.49]</b>				
	07/16/09 20:53 CST		0	Thunderstorm Wind (MG 54 kt)
	07/16/09 20:53 CST		0	Source: ASOS
<p><b>Thunderstorms that developed over southern Oklahoma crossed the Red River into northern Texas. Although the thunderstorms mainly produced heavy rainfall, a wind gust to 62 mph was measured at Sheppard Air Force Base. No damage was reported with the wind gust.</b></p>				
<b>WILBARGER COUNTY --- LOCKETT [34.08, -99.37], 1.4 NW VERNON [34.16, -99.31]</b>				
	07/21/09 02:15 CST		0	Thunderstorm Wind (MG 54 kt)
	07/21/09 02:18 CST		0	Source: Newspaper
Damage was reported to several barns and storage buildings, with numerous trees and power poles/lines also downed. An empty mobile home was severely damaged as well. The damage was reported from the Green Acres subdivision west of Vernon, southwest to Lockett. Monetary damage estimates were not available.				
<b>WICHITA COUNTY --- IOWA PARK [33.95, -98.67]</b>				
	07/21/09 02:35 CST		0	Thunderstorm Wind (EG 56 kt)
	07/21/09 02:37 CST		0	Source: Newspaper
Damage was reported to several trees and power lines, with several signs across town also damaged. A large barn was severely damaged as well. Monetary damage estimates were not available.				

## Storm Data and Unusual Weather Phenomena - July 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Thunderstorms moved south into northern Texas during the late night hours of the 20th. Particularly damaging winds were the main hazard with the thunderstorms as they moved into Wilbarger and Wichita counties. Damage to barns, storage sheds, and trees was reported as the storms moved west of Vernon, and additional damage was reported to trees and signs near Iowa Park. No injuries were reported with the wind gusts.

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**HARDEMAN COUNTY --- 9.0 NNE GOODLETT [34.46, -99.82]**

	07/29/09 21:55 CST	0	Thunderstorm Wind (EG 52 kt)
	07/29/09 21:55 CST	0	Source: Public

The wind gust was estimated one mile northeast of the North Groesbeck community.

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**WICHITA COUNTY --- (SPS)SHEPPARD AFB [33.99, -98.49]**

	07/30/09 00:15 CST	0	Thunderstorm Wind (MG 51 kt)
	07/30/09 00:15 CST	0	Source: ASOS

Scattered thunderstorms, some severe, developed during the evening hours over much of western Oklahoma and western north Texas. Another cluster of thunderstorms developed further west into the Texas panhandle. This thunderstorm cluster moved into the western portions of northern Texas, with a bow echo moving through Hardeman county. Winds reached as high as 60 mph near the North Groesbeck community, but no damage was reported. The line continued to move east through the late evening, eventually reaching the Wichita Falls area. Winds here were measured near 60 mph.