



National Weather Service

Storm Data and Unusual Weather Phenomena



September 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

OKLAHOMA, Western, Central and Southeast

Harmon County									
8 NNW Hollis	13	1655CST			0	0			Hail(0.75)
Blaine County									
3 NE Okeene	13	1730CST			0	0			Hail(1.25)
Harmon County									
8 NNW Hollis	13	1755CST			0	0			Hail(1.00)
Harmon County									
8 NNW Hollis	13	1755CST			0	0			Thunderstorm Wind (EG52)
Garfield County									
Hayward	13	1805CST			0	0			Hail(1.00)
Greer County									
9 WNW Willow	13	1805CST			0	0			Hail(1.25)
Beckham County									
7 S Carter	13	1807CST			0	0			Hail(0.75)
Hail was reported covering the ground.									
Jackson County									
5 SSE Duke	13	1824CST			0	0	0.15K		Thunderstorm Wind (EG52)
Three to four inch diameter tree limbs were downed.									
Noble County									
4 S Lucien	13	1829CST			0	0			Hail(0.88)
Beckham County									
4 S Elk City	13	1900CST			0	0			Hail(1.00)
Washita County									
Burns Flat	13	1900CST			0	0			Hail(1.00)
Noble County									
7 SSE Perry	13	1902CST			0	0			Hail(1.00)
Payne County									
3 N Stillwater	13	1905CST			0	0			Hail(1.00)
Payne County									
4 N Stillwater	13	1915CST			0	0			Thunderstorm Wind (EG52)
Custer County									
4 SSW Butler	13	1920CST			0	0			Hail(1.00)
Payne County									
4 N Stillwater	13	1920CST			0	0			Hail(1.00)
Payne County									
Stillwater	13	1920CST			0	0			Hail(0.88)
Hail was observed on the east side of town on North Perkins Road.									
Custer County									
5 W Custer City	13	1930CST			0	0			Hail(1.25)
Greer County									
5 SE Mangum	13	1940CST			0	0			Thunderstorm Wind (MG50)
Wind was measured by the Oklahoma mesonet.									
Blaine County									
1 N Eagle City	13	1955CST			0	0			Hail(1.00)
Greer County									
9 ESE Mangum	13	1955CST			0	0			Hail(1.75)
Jackson County									
1.5 N Blair	13	1955CST			0	0			Hail(1.75)



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OKLAHOMA, Western, Central and Southeast

Blaine County

Watonga	13	2015CST			0	0	10K		Thunderstorm Wind (EG65)
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A strong wind gust blew the steeple off of the Watonga Christian Church. A large tree was also uprooted. Many tree limbs and fences were downed across town.

Kingfisher County

Loyal	13	2030CST			0	0			Hail(0.75)
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Kingfisher County

5 N Kingfisher	13	2040CST			0	0			Hail(0.75)
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Kingfisher County

Kingfisher	13	2045CST			0	0	0.25K		Thunderstorm Wind (EG52)
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Tree limbs were downed.

Washita County

9 WSW Sentinel	13	2045CST			0	0			Thunderstorm Wind (MG50)
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Wind was measured by the Oklahoma mesonet.

Logan County

11 SSW Guthrie	13	2113CST			0	0			Thunderstorm Wind (MG56)
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The wind was measured near the intersection of Bryant Avenue and Waterloo Road at Imperial College

Logan County

4 WSW Guthrie	13	2115CST			0	0			Thunderstorm Wind (MG63)
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Wind was measured by the Oklahoma mesonet.

Logan County

3 ESE Guthrie	13	2117CST			0	0			Thunderstorm Wind (MG58)
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Oklahoma County

6 SSW Oklahoma City	14	0110CST			0	0			Thunderstorm Wind (MG57)
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The wind gust was measured by a KOCO-TV weather station located at Oklahoma City Community College

Tillman County

Tipton	14	0220CST			0	0	50K		Thunderstorm Wind (EG61)
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Significant roof damage along with damage to walls and windows occurred to the only grocery store in town. Numerous power poles were downed. Trees were also damaged.

Comanche County

Lawton	14	0415CST			0	0	1K		Thunderstorm Wind (EG61)
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A wind gust downed limbs and power lines. A large tree was also downed in the yard of a house on Northwest 17th

Jackson County

6 WNW Eldorado	14	1720CST			0	0			Hail(1.00)
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Jackson County

4 NW Duke	14	1742CST			0	0			Hail(1.00)
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Greer County

4 S Mangum	14	1750CST			0	0			Hail(2.75)
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Hail was observed on Highway 34.

Greer County

Mangum	14	1755CST			0	0			Hail(1.75)
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Hail was reported on the south side of town.

Greer County

Mangum	14	1802CST			0	0			Hail(2.50)
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Hail was reported on the east side of town.



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OKLAHOMA, Western, Central and Southeast

Jackson County

8 S Altus **14** **1816CST** **0** **0** **0.10K** **Thunderstorm Wind (EG52)**
Two inch diameter tree limbs were downed near the intersection of Highway 283 and Highway 5.

Washita County

Sentinel to
1 SE Sentinel **14** **1825CST** **0** **0** **30K** **Thunderstorm Wind (EG61)**

Strong winds caused damage in and around Sentinel. Six large overhead garage doors were damaged. One of these doors was blown in at the Technology Education Building of the Sentinel School. The northwest exterior wall of this building was also separated from the roof. Three of the six overhead doors were damage at the new Area Activity Center. The final door was on a barn one mile southeast of town. The doors at the Combs Disposal Co. were also damaged. The winds then scattered Polycarts across the area. Fifteen power poles were also snapped southeast of town.

Tillman County

4 S Tipton **14** **1845CST** **0** **0** **Thunderstorm Wind (EG51)**
Wind was measured by the Oklahoma mesonet.

Blaine County

13 WSW Geary **14** **1905CST** **0** **0** **Hail(0.75)**

Custer County

Weatherford **14** **1905CST** **0** **0** **Hail(1.75)**

Roger Mills County

3 SE Herring Station **14** **2003CST** **0** **0** **Hail(1.00)**

Caddo County

5 NE Carnegie **14** **2155CST** **0** **0** **Hail(1.00)**

Major County

Fairview **15** **0015CST** **0** **0** **0.25K** **Thunderstorm Wind (EG56)**
Four to five inch tree limbs were downed.

OKZ008-025

Kay - Oklahoma
28 **1200CST**
1700CST **0** **0** **60K** **Strong Wind (MG42)**

Strong winds and blowing dust combined to greatly reduced visibility in a small area on U.S. 60, 5 miles west of Interstate 35, near Tonkawa where the strong winds blew over a newly plowed field on the north side of the highway. The wind and dust caused several vehicular accidents in this area, where two people were killed (indirect death). The strong winds caused two cars to clip each other. While investigating the damage, a pick-up ran into the vehicles because the driver could not see the cars. After this second accident, a semi-truck came upon the accidents. However, due to the reduced visibilities the driver did not see the vehicles immediately causing the driver to have to swerve to try to avoid them. While swerving to avoid the vehicles, the driver of the semi-truck did not see the drivers of the first two vehicles standing on the side of the road. The semi-truck struck the two women killing them.

Strong northerly winds also caused some problems across Oklahoma City. The highest wind gust of 37 knots (43 mph) was measured by the KOKC ASOS at the Will Rogers Airport. The winds caused a power pole to snap and several transformers to explode. One of these transformers caused a fire at the Cleveland School for Art and Science on Northwest 23rd in Oklahoma City. An air conditioning unit on the roof of the school was burned. Twenty children and twelve adults in the school were evacuated, but no one was injured.

A strong cold front moved across the Southern Plains during the day on September 28th causing gusty northerly winds in addition to a temperature drop of 10 to 15 degrees in a short period of time. Widespread wind gusts of 26-42 knots (30-48 mph) were measured by the Oklahoma mesonet and other weather stations. The highest wind gust of 42 knots (48 mph) was measured at the mesonet



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OKLAHOMA, Western, Central and Southeast

station near Medicine Park in Comanche county. The strong winds caused blowing dust across most of the area reducing visibilities to 2 to 4 miles with visibilities of less than 2 miles in some locations. The strong winds and blowing dust caused some driving problems and sporadic power outages across the western half of the main body of Oklahoma.

Washita County									
4 W Dill City	30	1835CST			0	0			Hail(1.25)
Washita County									
9 E Cordell	30	1918CST			0	0			Hail(0.75)
Kiowa County									
4 WSW Roosevelt	30	1920CST			0	0			Hail(1.00)
Kiowa County									
2 S Hobart	30	1938CST			0	0			Hail(1.00)
Kiowa County									
Mountain Park	30	1949CST			0	0			Hail(1.00)
Kiowa County									
Snyder	30	1950CST			0	0			Hail(1.75)
Kiowa County									
Mountain Park	30	1951CST			0	0			Hail(1.75)
Comanche County									
2.5 NNW Indiahoma to 3 N Indiahoma	30	2005CST 2007CST			0	0	1.5K		Thunderstorm Wind (EG65)

Light tree damage was reported. There was also a mile of downed power lines.

Comanche County									
6 NW Cache to 4.8 SW Meers	30	2015CST 2023CST	4	250	0	0	5K		Tornado (F1)

A tornado occurred within the Wichita Mountains National Wildlife Refuge which was surveyed by a National Weather Service meteorologist and the deputy refuge manager. The tornado touched down to the west of the Boulder Camp area in the southwest part of the refuge. Significant tree damage occurred in the area just to the north of Boulder Camp and along the road that leads to Boulder Camp as the tornado moved east and east-northeast. A number of eight to twelve inch diameter trees were snapped or uprooted. The tornado continued to veer to the left moving north-northeast crossing the main highway just one mile west of the main campground and Quanah Parker Lake. It continued to create light tree damage as it moved northeast and before dissipating on the south or east face of Bushman Mountain.

No structures were hit, and there were no known injuries to wildlife in the refuge.

Blaine County									
Geary	30	2017CST			0	0			Hail(1.00)
Caddo County									
2 W Cyril	30	2107CST			0	0			Hail(0.75)
Hail was observed on Highway 19.									
Roger Mills County									
9 ENE Sweetwater	30	2110CST			0	0			Hail(1.00)
Roger Mills County									
Herring Station	30	2120CST			0	0			Hail(0.88)
Grady County									
1 SW Chickasha	30	2135CST			0	0			Hail(1.75)
Hail was reported on Highway 92.									
Caddo County									
1 N Ft Cobb	30	2330CST			0	0			Hail(1.00)



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<u>TEXAS, Western North</u>									
Hardeman County									
7 SW Quanah	14	1702CST			0	0			Hail(1.00)
Hail was observed at the intersection of Highway 104 and Hertz Road									
Foard County									
2.5 SE Foard City	14	1708CST 1713CST	1	40	0	0			Tornado (F0)
A storm chaser observed this tornado develop from a high-precipitation supercell. No known damage.									
Knox County									
2 N Truscott	14	1710CST			0	0	7.5K		Thunderstorm Wind (EG61)
The roof was blown off a house.									
Foard County									
7 SSW Crowell	14	1715CST			0	0			Thunderstorm Wind (EG52)
Knox County									
4 ESE Truscott	14	1730CST			0	0	0.50K		Thunderstorm Wind (EG56)
Six inch diameter tree limbs were downed on FM 1756.									
Foard County									
Crowell	14	1735CST			0	0	0.75K		Thunderstorm Wind (EG56)
Three inch diameter tree limbs were downed. There was also minor sign damage. The shutters were blown off a house									
Knox County									
7 N Benjamin	14	1738CST			0	0			Thunderstorm Wind (EG61)
A storm chaser observed a gustnado north of Benjamin. This brief gustnado was approximately 40 yards wide and moved across open country.									
Knox County									
3 E Vera	14	1825CST			0	0			Hail(0.75)
Knox County									
3 E Vera	14	1825CST			0	0			Thunderstorm Wind (EG52)
Knox County									
Truscott	14	1830CST			0	0	25K		Thunderstorm Wind (EG61)
A grain elevator and carport were blown over.									
Knox County									
3 E Vera	14	1830CST			0	0			Thunderstorm Wind (EG52)
Baylor County									
Seymour	14	2208CST			0	0			Hail(0.75)
Baylor County									
Seymour	14	2325CST			0	0			Hail(1.00)
Knox County									
5 SW Benjamin	30	1755CST			0	0			Hail(1.00)
Knox County									
Benjamin	30	1802CST			0	0			Hail(1.75)
Foard County									
Crowell	30	1815CST 1825CST			0	0			Hail(1.00)
Hardeman County									
7 S Chillicothe	30	1844CST			0	0			Hail(0.88)
Hardeman County									
Chillicothe	30	1845CST			0	0			Hail(0.75)



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TEXAS, Western North

Hardeman County

Chillicothe	30	1850CST			0	0			Hail(0.88)
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Baylor County

Red Spgs	30	1900CST			0	0			Hail(1.75)
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Baylor County

Seymour	30	1912CST			0	0			Hail(1.00)
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Baylor County

Seymour	30	1918CST			0	0			Hail(1.25)
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Baylor County

Lake Kemp	30	1954CST			0	0			Hail(0.75)
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Baylor County

2 E Seymour	30	2021CST 2023CST			0	0			Hail(1.75)
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Hail was observed at the intersection of Highway 422 and Highway 183.

Archer County

3 E Mankins	30	2031CST			0	0			Hail(0.75)
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Archer County

4 NW Archer City	30	2100CST			0	0			Hail(0.88)
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Hail was observed on Highway 25.

Archer County

Archer City	30	2109CST			0	0			Hail(1.75)
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Archer County

Archer City	30	2117CST			0	0			Hail(0.88)
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Archer County

1 E Scotland	30	2135CST			0	0			Hail(1.00)
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Clay County

Lake Arrowhead	30	2147CST			0	0			Hail(0.88)
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Archer County

5 W Archer City	30	2335CST			0	0			Hail(0.88)
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Severe storms produced hail across portions of western north Texas along with parts of southwest and central Oklahoma. This event continued into the early morning hours of the first day of October.