



# National Weather Service

## Storm Data and Unusual Weather Phenomena



September 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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### OKLAHOMA, Western, Central and Southeast

**OKZ004>032-039>048-050>052** Harper - Woods - Alfalfa - Grant - Kay - Ellis - Woodward - Major - Garfield - Noble - Roger Mills - Dewey - Custer - Blaine - Kingfisher - Logan - Payne - Beckham - Washita - Caddo - Canadian - Oklahoma - Lincoln - Grady - McClain - Cleveland - Pottawatomie - Seminole - Hughes - Stephens - Garvin - Murray - Pontotoc - Coal - Cotton - Jefferson - Carter - Johnston - Atoka - Love - Marshall - Bryan

**01 0000CST 0 0 25K 1M Drought**  
**30 2359CST**

Drought continued across much of Oklahoma throughout the month of September. Extreme (D3) conditions occurred in southern Oklahoma and parts of central Oklahoma, with moderate to severe (D1-D2) conditions across northern, parts of western, and the rest of central Oklahoma. However, by the end of the month the area of extreme drought had shrunk with southwest and parts of south central Oklahoma improving.

The dry conditions maintained the potential for wildfires with parts of the area remaining under a burn ban. However, no major wildfires were reported during the month. The dry conditions combined with strong winds caused blowing dust across parts of the region which reduced visibilities in some locations.

Many communities continued voluntary and mandatory water rationing programs. The recreation community continued to be affected due to low lake levels. Many boat docks and ramps remained on dry land due to receding shore lines. Those lakes, where boats were able to be in the water, were still problematic due to debris on the lake bottom being closer to the surface which caused boating accidents.

Agriculture entities continued to be greatly affected by the drought. Farmers and ranchers continued to sell of all or part of their livestock herds due to low or dry farm ponds and lack of adequate pasture or hay for feeding. Summer crops continued to be affected. The winter wheat crop for the upcoming winter months are already beginning to be adversely affected due to the lack of adequate moisture for planting.

**OKZ033>038** Harmon - Greer - Kiowa - Jackson - Tillman - Comanche

**01 0000CST 0 0 20K 250K Drought**  
**19 2359CST**

Drought conditions in southwest Oklahoma ranged from severe to extreme (D2-D3) across the area at the beginning of the month. A heavy rain event that occurred on September 18 provided enough rain for conditions to improve to moderate (D1). Conditions across this area remained moderate throughout the rest of the month.

Before the heavy rain, parts of the area were under a burn ban due to the potential of wildfires. Agriculture continued to be hit hard with farm ponds drying up and inadequate pasture and hay for feed. Crops had also been adversely affected by the dry conditions

Roger Mills County									
3 W Durham	10	1645CST			0	0			Hail(1.00)
Ellis County									
12 SW Arnett	10	1700CST			0	0			Hail(1.00)
Ellis County									
12 SW Arnett	10	1700CST			0	0			Thunderstorm Wind (EG52)
Greer County									
15 WNW Willow	10	1750CST			0	0			Hail(1.75)
Roger Mills County									
Roll	10	1800CST			0	0			Hail(1.75)
Roger Mills County									
7 NNE Cheyenne	10	1830CST			0	0			Thunderstorm Wind (EG52)



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### OKLAHOMA, Western, Central and Southeast

#### Beckham County

Elk City	10	1900CST			0	0			Hail(0.75)
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#### Washita County

4 W Dill City	10	1945CST			0	0	0.10K		Thunderstorm Wind (EG52)
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Tree limbs, approximately 1.5 inches in diameter, were downed.

#### Washita County

Rocky	10	2015CST			0	0			Thunderstorm Wind (EG56)
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#### Pontotoc County

6 SW Fittstown	11	1345CST			0	0			Thunderstorm Wind (MG55)
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Wind gust was measured by the Oklahoma mesonet.

#### OKZ012>013-018>019

#### Garfield - Noble - Kingfisher - Logan

21	0025CST				0	0			High Wind (MG56)
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An area of showers and isolated thunderstorms moved across portions of Oklahoma. High winds just above the surface were transported to the ground causing high wind gusts to the north of the area of rain. The strongest wind gusts were measured by the Oklahoma mesonet station 7 miles south-southeast of Red Rock in Noble county. Wind gusts to 56 knots (65 mph) were measured twice at 0220 and 0225 CST. Other high wind gusts were measured 2 miles northeast of Kingfisher, 4 miles south-southeast of Marshall, and 5 miles southeast of Enid in Kingfisher, Logan, and Garfield counties respectively.

#### OKZ005-010

#### Woods - Woodward

21	1312CST				0	0	10K		High Wind (MG52)
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A strong surface low pressure developed and moved east across parts of eastern Colorado and western Kansas. This low pressure caused strong to high winds across Oklahoma. The strongest winds occurred in northwest Oklahoma. Wind gusts up to 52 knots (60 mph) were measured several times in this area during the afternoon hours. The highest wind gusts were measured at the Oklahoma mesonet sites near Freedom (or 21 miles north of Mooreland) in Woodward county and at the mesonet site 7 miles south-southwest of Alva in Woods county. Other high wind gusts were measured by the AWOS at the Alva Airport 2 miles south of Alva, the ASOS site at the Woodward airport 8 miles west of Woodward, and at the Oklahoma mesonet site 2 miles west-southwest of Woodward. The high winds also caused some damage. Large tree limbs and a few trees were downed, along with minor roof damage occurred in the town of Alva in Woods county.

The high winds combined with the drought conditions to cause blowing dust across the area. The blowing dust reduced visibilities in some locations.

#### Johnston County

3 SW Wapanucka	21	1822CST			0	0			Thunderstorm Wind (EG56)
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#### Atoka County

Tushka	21	1850CST			0	0			Hail(1.00)
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#### Atoka County

Lane	21	1905CST			0	0			Hail(1.00)
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#### Atoka County

4 SSW Lane to 4 E Farris	21	1910CST 1923CST	11	100	0	0	75K		Tornado (F1)
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A tornado touched down 4 miles south-southwest of Lane and moved east causing some damage before lifting 4 miles east of Farris. The roof of a barn was damaged along with several large oak trees uprooted 4 miles south and 0.5 mile west of Lane. Trees were downed in several locations along the tornado path. A farm 4 miles east and 0.5 mile south of Farris sustained some damage. Several feed barns were destroyed with some of the 2x4's driven through the roof of the residence. Many trees had their tops snapped off. Debris from the barns was found in trees from the house to the east and southeast for about 1000 feet. Some of the metal was wrapped around and in the bigger trees. The F1 tornado moved across the ground for approximately 11 miles before lifting.



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### OKLAHOMA, Western, Central and Southeast

<b>Atoka County</b>									
Lane	21	1915CST			0	0			Hail(0.88)
<b>Atoka County</b>									
Lane	21	1915CST			0	0			Thunderstorm Wind (EG52)
<b>Atoka County</b>									
Lane	22	1830CST			0	0			Hail(0.88)

### TEXAS, Western North

<b>TXZ083&gt;090</b>	<b>Hardeman - Foard - Wilbarger - Wichita - Knox - Baylor - Archer - Clay</b>								
	01	0000CST			0	0	20K	250K	Drought
	19	2359CST							

Drought conditions across western north Texas at the beginning of the month ranged from severe to extreme (D2-D3). During the middle part of the month, heavy rains caused conditions to improve to moderate (D1) which continued through the remainder of September.

Before the improved drought conditions, the potential for wildfires continued across the area. The agriculture community continued to be hit hard by the dry conditions. Farm ponds were very low or dry which caused some ranchers to sell part or all of their herds. The lack of adequate pasture and hay also led to these actions. Recreation entities were also adversely affected with many boat docks and ramps on dry land due to receding shore lines. Boaters were also affected due to debris on the lake bottom being closer to the surface which led to some boating accidents.

<b>Knox County</b>									
Rhineland	10	1635CST			0	0	1K		Thunderstorm Wind (EG56)
Power poles were bent over the road near the intersection of Farm to Market Road 2534 and Highway 267, just south of town.									