

## Storm Data and Unusual Weather Phenomena - October 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>OKLAHOMA, Western, Central and Southeast</b>				
<b>ATOKA COUNTY --- 3.0 NNE CHOCKIE [34.62, -95.98]</b>				
	10/01/09 14:54 CST		0	Thunderstorm Wind (EG 56 kt)
	10/01/09 14:54 CST		0	Source: Trained Spotter
No damage was reported.				
<b>ATOKA COUNTY --- 1.0 NNE TUSHKA [34.33, -96.16]</b>				
	10/01/09 15:24 CST		0	Thunderstorm Wind (EG 52 kt)
	10/01/09 15:24 CST		0	Source: Trained Spotter
No damage was reported.				
<b>ATOKA COUNTY --- 3.0 SSW CANEY [34.19, -96.23]</b>				
	10/01/09 15:36 CST		0	Thunderstorm Wind (EG 61 kt)
	10/01/09 15:36 CST		0	Source: Trained Spotter
No damage was reported.				
<b>BRYAN COUNTY --- 1.0 N CADDO [34.14, -96.26]</b>				
	10/01/09 15:39 CST		0	Thunderstorm Wind (EG 56 kt)
	10/01/09 15:39 CST		0	Source: Trained Spotter
No damage was reported.				
<p><b>A strengthening upper level storm system developed over Nebraska late on 30th and early on the 1st. A strong cold front moved southeast through Oklahoma, and thunderstorms began to develop along the front around midday over northeast Oklahoma, and continued building southwest into eastern into south central Oklahoma. Many of the thunderstorms became severe with strong winds and heavy rainfall reported over many areas. Minimal damage was reported.</b></p>				
<b>MURRAY COUNTY --- 5.0 N SULPHUR [34.58, -96.97]</b>				
	10/05/09 12:08 CST		0	Hail (0.88 in)
	10/05/09 12:09 CST		0	Source: Public
<p><b>A thunderstorm briefly became severe during the early afternoon hours of the 5th. Marginally severe hail was reported north of Sulphur in Murray County. No damage was reported.</b></p>				
<b>COTTON COUNTY --- 1.0 S RANDLETT [34.17, -98.46]</b>				
	10/06/09 03:10 CST		0	Hail (1.00 in)
	10/06/09 03:17 CST		0	Source: Amateur Radio
Hail up to quarter-size fell for approximately seven minutes.				
<p><b>A strong cold front moved quickly southeast through Oklahoma during the early morning hours of the 6th. One thunderstorm became severe with marginally severe hail and gusty winds just south of Randlett. The cold front pushed into Texas by sunrise. No damage was reported with the hail.</b></p>				
<b>BLAINE COUNTY --- 7.0 W WATONGA [35.85, -98.53]</b>				
	10/08/09 00:00 CST		0	Heavy Rain
	10/08/09 18:59 CST		0	Source: Mesonet
The total rainfall accumulation was 2.66 inches.				
<b>GARFIELD COUNTY --- 3.0 SE BRECKINRIDGE [36.41, -97.69]</b>				
	10/08/09 00:00 CST		0	Heavy Rain
	10/08/09 18:50 CST		0	Source: Mesonet
The rainfall totaled 3.74 inches.				
<b>HUGHES COUNTY --- 2.9 ESE HOLDENVILLE [35.07, -96.35]</b>				

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	10/08/09 00:00 CST		0	Heavy Rain
	10/08/09 22:31 CST		0	Source: Mesonet

The total rainfall accumulation was 3.53 inches.

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

10/08/09 00:00 CST	0	Heavy Rain
10/08/09 18:59 CST	0	Source: Mesonet

The total rainfall accumulation was 2.57 inches.

### LOGAN COUNTY --- 3.0 SSE MARSHALL [36.12, -97.60]

10/08/09 00:00 CST	0	Heavy Rain
10/08/09 18:55 CST	0	Source: Mesonet

The total rainfall accumulation was 3.31 inches.

### NOBLE COUNTY --- 7.0 SSE RED ROCK [36.37, -97.13]

10/08/09 00:00 CST	0	Heavy Rain
10/08/09 18:56 CST	0	Source: Mesonet

The total rainfall accumulation was 3.47 inches.

### PAYNE COUNTY --- 2.0 NW PERKINS [36.00, -97.06]

10/08/09 00:00 CST	0	Heavy Rain
10/08/09 18:57 CST	0	Source: Mesonet

The total rainfall accumulation was 2.95 inches.

### PAYNE COUNTY --- 2.0 W STILLWATER [36.12, -97.10]

10/08/09 00:00 CST	0	Heavy Rain
10/08/09 18:57 CST	0	Source: Mesonet

The total rainfall accumulation was 3.25 inches.

### PAYNE COUNTY --- 6.2 SSW LAKE CARL BLACKWELL DAM [36.06, -97.24]

10/08/09 00:00 CST	0	Heavy Rain
10/08/09 19:00 CST	0	Source: Mesonet

The total rainfall accumulation was 2.57 inches.

### PONTOTOC COUNTY --- 2.0 NNE ADA [34.80, -96.67]

10/08/09 00:00 CST	0	Heavy Rain
10/08/09 22:31 CST	0	Source: Mesonet

The total rainfall accumulation was 2.88 inches.

### DEWEY COUNTY --- VICI [36.15, -99.30]

10/08/09 04:00 CST	0	Hail (1.00 in)
10/08/09 04:00 CST	0	Source: County Official

The hail was reported by the County Commissioner.

### STEPHENS COUNTY --- 3.0 SW VELMA [34.43, -97.71]

10/08/09 16:28 CST	0	Thunderstorm Wind (EG 52 kt)
10/08/09 16:28 CST	0	Source: Amateur Radio

Quarter-size hail was also reported at this location.

### STEPHENS COUNTY --- 3.0 SW VELMA [34.43, -97.71]

10/08/09 16:28 CST	0	Hail (1.00 in)
10/08/09 16:29 CST	0	Source: Amateur Radio

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Sixty-mile per hour winds were also reported.

A potent upper-level trough moved through the southern plains, bringing with it very heavy rainfall and some severe weather. Ahead of the storm system, warm and extremely moist air was in place, setting the stage for very heavy rainfall to occur over a large area. The storm system also caused some severe weather, although the heavy rainfall was the main threat. Numerous locations received over three inches of rainfall. No significant flooding was reported. A cold front moved southeast during the afternoon hours, with the rainfall ending as the boundary moved through.

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**PAYNE COUNTY --- (SWO)STILLWATER AIRPORT [36.16, -97.09]**

10/29/09 05:19 CST	0	Thunderstorm Wind (MG 62 kt)
10/29/09 05:19 CST	0	Source: ASOS

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**NOBLE COUNTY --- MORRISON [36.29, -97.01]**

10/29/09 05:35 CST	5K	Thunderstorm Wind (EG 61 kt)
10/29/09 05:37 CST	0	Source: Public

Numerous two to three inch diameter tree limbs were downed. Minor damage was also reported to a carport. Monetary damages were estimated.

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**STEPHENS COUNTY --- 4.0 W LOCO [34.33, -97.75]**

10/29/09 05:44 CST	1K	Thunderstorm Wind (EG 56 kt)
10/29/09 05:46 CST	0	Source: Amateur Radio

An 8-inch diameter tree was blown over by the strong winds. Monetary damages were estimated.

An upper level disturbance moved out of the southwest United States, dragging a cold front across the Texas panhandle through much of Oklahoma. Thunderstorms began to organize over the Texas panhandle during the evening hours of the 28th. By sunrise on the 29th, the thunderstorms were moving through much of central Oklahoma. The quality of moisture was much greater over Oklahoma, and wind shear was also greater, and the thunderstorms increased in intensity as they moved east. Very strong winds were reported with some of the thunderstorms, with some of the gusts causing damage to trees and minor structures. The thunderstorm complex moved into eastern Oklahoma by mid morning.

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### TEXAS, Western North

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**FOARD COUNTY --- 14.6 SW CROWELL [33.84, -99.91]**

10/08/09 15:10 CST	0	Hail (1.75 in)
10/08/09 15:12 CST	0	Source: Public

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**HARDEMAN COUNTY --- GOODLETT [34.34, -99.88]**

10/08/09 15:45 CST	0	Hail (0.75 in)
10/08/09 15:46 CST	0	Source: Public

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**WILBARGER COUNTY --- VERNON [34.15, -99.29]**

10/08/09 16:13 CST	0	Hail (1.00 in)
10/08/09 16:15 CST	0	Source: Amateur Radio

A potent upper-level trough moved through the southern plains, bringing with it very heavy rainfall and severe weather. Ahead of the storm system, warm and extremely moist air was in place, setting the stage for very heavy rainfall to occur over a large area. The storm system also caused some severe weather, with some areas reporting up to golf ball-size hail. A cold front moved southeast during the late afternoon and early evening hours, ushering in much cooler temperatures and ending the precipitation.