Storm Data and Unusual Weather Phenomena - October 2009

Deaths &

Property &

Event Type and Details

Date/Time

Location

			Crop Dmg	
OKLAHOMA, Western, Central a	and Southeast			
ATOKA COUNTY 3.0 NNE CHOCKIE [3	34.62, -95.98] 10/01/09 14:54 CST		0	Thunderstorm Wind (EG 56 kt)
	10/01/09 14:54 CST		0	Source: Trained Spotter
lo damage was reported.				·
io damage was reported.				
TOKA COUNTY 1.0 NNE TUSHKA [3-	4.33, -96.16]			
	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.				
TOKA COUNTY 3.0 SSW CANEY [34	i.19, -96.23]			
	10/01/09 15:36 CST		0	Thunderstorm Wind (EG 61 kt)
	10/01/09 15:36 CST		0	Source: Trained Spotter
lo damage was reported.				
RYAN COUNTY 1.0 N CADDO [34.14	·, -96.26]			
-	10/01/09 15:39 CST		0	Thunderstorm Wind (EG 56 kt)
	10/01/09 15:39 CST		0	Source: Trained Spotter
lo damage was reported.				
southeast through Oklahoma, and thund continued building southwest into easte	derstorms began to develop along t ern into south central Oklahoma. Ma	he front around many of the thunder	nidday over northe	east Oklahoma, and
southeast through Oklahoma, and thund continued building southwest into easte and heavy rainfall reported over many a	derstorms began to develop along t ern into south central Oklahoma. Ma reas. Minimal damage was reported	he front around many of the thunder	nidday over northe	east Oklahoma, and
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Storm Data and Unusual Weather Phenomena - October 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	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 Source: Mesonet
	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, -	=			
	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, -5	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, -97.0	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, -5	97.101			
	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 BLACK	WELL DAM (36.0697.24)			
	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	671			
1 CH1 C1 CC CCCH1 1 2.0 NNE ADA [34.00, -30	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.				
DEMEN COUNTY MOURO 45 CO CO				
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 Commissione				•
STEPHENS COUNTY 3.0 SW VELMA [34.43, -9	7.71] 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, -9	7.71] 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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Storm Data and Unusual Weather Phenomena - October 2009

Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

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.

PAYNE COUNTY (SWO)STILLWA	TER AIRPORT [36.16, -97.09]			
	10/29/09 05:19 CST	0 0	Thunderstorm Wind (MG 62 kt)	
	10/29/09 05:19 CST		Source: ASOS	
NOBLE COUNTY MORRISON [36.2	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 damag was also reported to a carport. Monetary damages were estimated.

 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.

FOARD COUNTY 14.6 SW CROWELL [33.84, -9	9.91]			
•	10/08/09 15:10 CST	0	Hail (1.75 in)	
	10/08/09 15:12 CST	0	Source: Public	
HARDEMAN COUNTY GOODLETT [34.34, -99.8	-			
	10/08/09 15:45 CST	0	Hail (0.75 in)	
	10/08/09 15:46 CST	0	Source: Public	
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.

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