

## Storm Data and Unusual Weather Phenomena - October 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>OKLAHOMA, Western, Central and Southeast</b>				
(OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z006) ALFALFA, (OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z011) MAJOR, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z014) ROGER MILLS, (OK-Z015) DEWEY, (OK-Z016) CUSTER, (OK-Z017) BLAINE, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z020) PAYNE, (OK-Z021) BECKHAM, (OK-Z022) WASHITA, (OK-Z023) CADDO, (OK-Z024) CANADIAN, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z042) PONTOTOC, (OK-Z044) COTTON, (OK-Z045) JEFFERSON, (OK-Z046) CARTER, (OK-Z047) JOHNSTON, (OK-Z050) LOVE, (OK-Z051) MARSHALL, (OK-Z052) BRYAN				
	10/01/14 00:00 CST		0	Drought
	10/31/14 23:59 CST		0	
Drought persisted in the absence of meaningful rainfall.				
<b>KAY COUNTY --- BLACKWELL [36.80, -97.28]</b>				
	10/01/14 22:20 CST		0	Thunderstorm Wind (EG 52 kt)
	10/01/14 22:20 CST		0	Source: Trained Spotter
Large tree limbs and power lines blown down. Quarter size hail also occurred with minor street flooding.				
<b>CARTER COUNTY --- POOLEVILLE [34.42, -97.40]</b>				
	10/02/14 04:45 CST		0	Thunderstorm Wind (EG 52 kt)
	10/02/14 04:45 CST		0	Source: Public
Several small trees and tree limbs blown down.				
<b>A stalled front across northern and western Oklahoma served as a focus for scattered thunderstorms late on the 1st. With moderate mid level winds, wind shear was sufficient for occasional severe thunderstorm development. Several instances of strong and damaging winds occurred, along with sporadic hail.</b>				
<b>CARTER COUNTY --- RATLIFF CITY [34.45, -97.51]</b>				
	10/02/14 09:10 CST		0	Hail (0.88 in)
	10/02/14 09:10 CST		0	Source: Public
<b>MARSHALL COUNTY --- 0.7 N LEBANON [33.99, -96.91]</b>				
	10/02/14 14:10 CST		0	Hail (1.00 in)
	10/02/14 14:10 CST		0	Source: Public
<b>BRYAN COUNTY --- 4.5 SW ARMSTRONG [34.00, -96.39]</b>				
	10/02/14 14:35 CST		10K	Thunderstorm Wind (EG 61 kt)
	10/02/14 14:35 CST		0	Source: Public
Tree branches and signs blown down. Damage information relayed by KTEN-TV Facebook page.				
<b>A weak front and surface low tracked along the Red River during the evening and overnight hours of the 2nd. Scattered showers and storms developed with this feature. Modest instability supported storms containing hail.</b>				
<b>CANADIAN COUNTY --- PIEDMONT [35.64, -97.75]</b>				
	10/05/14 21:55 CST		0	Thunderstorm Wind (EG 56 kt)
	10/05/14 21:55 CST		0	Source: Trained Spotter
Estimated wind gusts of 60 to 70 mph.				
<b>CADDO COUNTY --- HINTON [35.47, -98.36]</b>				
	10/05/14 22:08 CST		0	Hail (1.00 in)
	10/05/14 22:08 CST		0	Source: Public
Report from NSSL smart phone application.				
<b>OKLAHOMA COUNTY --- 2.1 NNW (PWA)WILEY POST APT [35.56, -97.66]</b>				

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	10/05/14 22:08 CST		2K	Thunderstorm Wind (EG 52 kt)
	10/05/14 22:08 CST		0	Source: Public

Large tree limbs blown down at the intersection of North Council and Hefner.

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### CADDO COUNTY --- 4.8 SE BINGER [35.26, -98.28]

	10/05/14 22:35 CST		0	Hail (1.00 in)
	10/05/14 22:35 CST		0	Source: Law Enforcement

A slow moving front allowed for isolated thunderstorm development during the late afternoon hours of the 5th. Modest instability supported marginally severe hail in a storm over central Oklahoma.

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### CARTER COUNTY --- 2.4 WSW LONE GROVE [34.17, -97.30]

	10/06/14 01:49 CST		0	Hail (1.00 in)
	10/06/14 01:49 CST		0	Source: Public

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### GARVIN COUNTY --- 0.9 NW FOSTER [34.63, -97.50]

	10/06/14 02:00 CST		0	Hail (1.75 in)
	10/06/14 02:00 CST		0	Source: Storm Chaser

No damage was reported.

A nearly stalled cold front served as a focus for scattered thunderstorms late in the day on the 5th. With moderate mid level northwesterly flow, storms moved southeast into portions of southern Oklahoma early on the 6th. These storms produce sporadic large hail.

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### ELLIS COUNTY --- SHATTUCK [36.27, -99.88]

	10/09/14 19:03 CST		0	Hail (1.00 in)
	10/09/14 19:03 CST		0	Source: Emergency Manager

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### ROGER MILLS COUNTY --- 1.8 ENE BERLIN [35.46, -99.60]

	10/09/14 23:00 CST		0	Hail (1.00 in)
	10/09/14 23:00 CST		0	Source: Public

A weak front and surface low served as a focus for isolated thunderstorm development during the evening hours of the 9th. Weak mid level winds were not that supportive of severe storms, but modest instability allowed for spotty large hail in some storms.

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### SEMINOLE COUNTY --- 0.6 W SEMINOLE [35.23, -96.69]

	10/10/14 15:10 CST		0	Hail (1.75 in)
	10/10/14 15:10 CST		0	Source: Public

No damage information was available.

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### SEMINOLE COUNTY --- 0.6 W SEMINOLE [35.23, -96.69]

	10/10/14 15:14 CST		0	Hail (1.25 in)
	10/10/14 15:14 CST		0	Source: Trained Spotter

No damage was reported.

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### CARTER COUNTY --- 2.1 S SPRINGER [34.28, -97.14]

	10/10/14 19:57 CST		0	Hail (1.00 in)
	10/10/14 20:02 CST		0	Source: Emergency Manager

Reported at the intersection of I-35 and Brooks road. Hail lasted 5 minutes.

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### CARTER COUNTY --- 2.4 NNE (ADM)ARDMORE APT [34.33, -97.00]

	10/10/14 20:23 CST		0	Hail (1.00 in)
	10/10/14 20:23 CST		0	Source: Trained Spotter

Reported came from NSSL smart phone application.

A front and surface low moved across central and southern Oklahoma during the late afternoon and early evening hours. With moderate instability and strong mid level winds, a few thunderstorms developed and became severe. Large hail was reported in several areas,

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<b>BECKHAM COUNTY --- 1.4 N ERICK [35.23, -99.87]</b>				
	10/12/14 16:43 CST		0	Hail (0.75 in)
	10/12/14 16:43 CST		0	Source: Public
<b>WASHITA COUNTY --- 4.0 WNW BESSIE [35.41, -99.05]</b>				
	10/12/14 18:35 CST		0	Thunderstorm Wind (MG 59 kt)
	10/12/14 18:35 CST		0	Source: Mesonet
No damage was reported.				
<b>ELLIS COUNTY --- (GAG)GAGE AIRPORT [36.30, -99.78]</b>				
	10/12/14 19:00 CST		0	Thunderstorm Wind (MG 50 kt)
	10/12/14 19:00 CST		0	Source: ASOS
No damage was reported.				
<b>CADDO COUNTY --- 4.5 W HINTON [35.47, -98.44]</b>				
	10/12/14 19:34 CST		0	Hail (1.25 in)
	10/12/14 19:34 CST		0	Source: Storm Chaser
Reported relayed by KOKH storm chaser.				
<b>KIOWA COUNTY --- 10.0 NW LONE WOLF [35.11, -99.35]</b>				
	10/12/14 19:35 CST		0	Thunderstorm Wind (MG 50 kt)
	10/12/14 19:35 CST		0	Source: Mesonet
No damage was reported.				
<b>JACKSON COUNTY --- ALTUS [34.64, -99.33]</b>				
	10/12/14 20:01 CST		6K	Thunderstorm Wind (MG 66 kt)
	10/12/14 20:01 CST		0	Source: Emergency Manager
Relayed by Altus emergency manager. Minor damage was reported to one hotel roof.				
<b>JACKSON COUNTY --- (LTS)ALTUS AFB [34.66, -99.29]</b>				
	10/12/14 20:06 CST		0	Thunderstorm Wind (MG 65 kt)
	10/12/14 20:06 CST		0	Source: AWOS
<b>KIOWA COUNTY --- MOUNTAIN PARK [34.70, -98.95]</b>				
	10/12/14 20:20 CST		60K	Thunderstorm Wind (EG 74 kt)
	10/12/14 20:20 CST		0	Source: Broadcast Media
Manufactured home destroyed by intense thunderstorms winds. Time estimated from radar.				
<b>JACKSON COUNTY --- ELMER [34.48, -99.35]</b>				
	10/12/14 20:32 CST		7K	Thunderstorm Wind (EG 70 kt)
	10/12/14 20:32 CST		0	Source: Broadcast Media
Roof of one residence damaged. Report relayed by KWTV.				
<b>TILLMAN COUNTY --- TIPTON [34.50, -99.14]</b>				
	10/12/14 20:32 CST		0	Thunderstorm Wind (EG 66 kt)
	10/12/14 20:32 CST		0	Source: Amateur Radio
No damage information available.				
<b>CADDO COUNTY --- HYDRO [35.55, -98.58]</b>				
	10/12/14 20:54 CST		0	Thunderstorm Wind (EG 70 kt)
	10/12/14 20:54 CST		0	Source: Storm Chaser

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No damage information available.

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### COMANCHE COUNTY --- 1.3 WSW MT SCOTT [34.73, -98.55]

	10/12/14 21:00 CST		0	Thunderstorm Wind (MG 52 kt)
	10/12/14 21:00 CST		0	Source: Mesonet

No damage was reported.

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### COTTON COUNTY --- TEMPLE [34.27, -98.23]

	10/12/14 21:40 CST		10K	Thunderstorm Wind (EG 61 kt)
	10/12/14 21:40 CST		0	Source: Trained Spotter

Large tree limbs blown down and shingles removed from roofs.

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### STEPHENS COUNTY --- 0.7 S MARLOW [34.64, -97.96]

	10/12/14 22:00 CST		0	Thunderstorm Wind (EG 56 kt)
	10/12/14 22:00 CST		0	Source: Public

Trees blown down in Marlow.

A potent fall storm system moved out of the Rockies and across the Southern Plains during the late afternoon and evening hours of the 12th. A strong surface low and Pacific front served as the focus for widespread thunderstorm development. Abundant moisture and strong wind shear was highly supportive of severe thunderstorms. Storms developed initially over western Oklahoma and moved eastward through the evening. Initial storms produce wind gusts of 70 to 85 mph. Storms eventually merged into a couple of north south lines, but the intensity of the storms diminished after sunset.

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## TEXAS, Western North

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(TX-Z083) HARDEMAN, (TX-Z084) FOARD, (TX-Z085) WILBARGER, (TX-Z086) WICHITA, (TX-Z087) KNOX, (TX-Z088) BAYLOR, (TX-Z089) ARCHER, (TX-Z090) CLAY

	10/01/14 00:00 CST		0	Drought
	10/31/14 23:59 CST		0	

Drought continued in the absence of rainfall.

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### KNOX COUNTY --- 2.7 NW KNOX CITY [33.45, -99.85]

	10/12/14 20:00 CST		0	Thunderstorm Wind (MG 50 kt)
	10/12/14 20:00 CST		0	Source: Mesonet

No damage was reported.

Scattered thunderstorms developed along and ahead of a strong pacific cold front late on the 12th. A few of these storms became severe, producing strong and damaging wind gusts.