

Storm Data and Unusual Weather Phenomena - October 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central and Southeast				
(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-Z025) OKLAHOMA, (OK-Z026) LINCOLN, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z031) SEMINOLE, (OK-Z032) HUGHES, (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-Z043) COAL, (OK-Z044) COTTON, (OK-Z045) JEFFERSON, (OK-Z046) CARTER, (OK-Z047) JOHNSTON, (OK-Z048) ATOKA, (OK-Z050) LOVE, (OK-Z051) MARSHALL, (OK-Z052) BRYAN				
	10/01/11 00:00 CST	0		Drought
	10/31/11 23:59 CST	0		
While October was not a drought breaker, more rain fell during the month at several locations than had fallen over the previous few months combined. Widespread totals of 3 to 6 inches were common. Northwest Oklahoma did not receive as much rain, and D4 drought continued through the month. However, further east, a slight improvement to D3 occurred, generally along the I-35 corridor.				
HUGHES COUNTY --- 1.0 N HOLDENVILLE [35.09, -96.40]				
	10/17/11 18:03 CST	0		Hail (1.75 in)
	10/17/11 18:03 CST	0		Source: Public
MURRAY COUNTY --- DAVIS [34.50, -97.12]				
	10/17/11 18:10 CST	0		Hail (1.00 in)
	10/17/11 18:10 CST	0		Source: Law Enforcement
MURRAY COUNTY --- SULPHUR [34.51, -96.97]				
	10/17/11 18:15 CST	0		Hail (1.00 in)
	10/17/11 18:15 CST	0		Source: Law Enforcement
HUGHES COUNTY --- DUSTIN [35.27, -96.03]				
	10/17/11 18:20 CST	0		Hail (0.88 in)
	10/17/11 18:20 CST	0		Source: COOP Observer
JEFFERSON COUNTY --- RINGLING [34.18, -97.59]				
	10/17/11 18:55 CST	0		Hail (0.75 in)
	10/17/11 18:55 CST	0		Source: Public
JEFFERSON COUNTY --- RINGLING [34.18, -97.59]				
	10/17/11 18:55 CST	0		Thunderstorm Wind (EG 52 kt)
	10/17/11 18:55 CST	0		Source: Public
Dime-size hail was reported in addition to the wind gust.				
LOVE COUNTY --- 4.0 SW MARIETTA [33.90, -97.17]				
	10/17/11 19:14 CST	0		Hail (1.00 in)
	10/17/11 19:14 CST	0		Source: COOP Observer
JOHNSTON COUNTY --- 4.0 W NIDA [34.14, -96.57]				
	10/17/11 19:19 CST	0		Hail (1.00 in)
	10/17/11 19:19 CST	0		Source: Public
ATOKA COUNTY --- 3.0 W ATOKA [34.38, -96.18]				
	10/17/11 19:45 CST	0		Hail (1.00 in)
	10/17/11 19:45 CST	0		Source: Public

A relatively strong cold front finally began to move into southeast Oklahoma, after stalling near I-44 during the morning hours. Surface dew point temperatures in the upper 50s ahead of the front combined with increasing deep layer wind shear to due to a passing shortwave trough allowed for the thunderstorms to develop and become severe. Marginal severe hail was reported over several areas, although golf ball-size hail occurred near Holdenville.

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KAY COUNTY --- 1.0 SW PONCA CITY [36.69, -97.09]				
	10/22/11 15:51 CST		0	Hail (1.00 in)
	10/22/11 15:51 CST		0	Source: Trained Spotter
LINCOLN COUNTY --- STROUD [35.75, -96.66]				
	10/22/11 16:50 CST		0	Hail (1.25 in)
	10/22/11 16:50 CST		0	Source: Broadcast Media
The hail report was relayed by KOCO-TV.				
POTTAWATOMIE COUNTY --- 2.0 S WANETTE [34.93, -97.03]				
	10/22/11 17:19 CST		0	Hail (1.50 in)
	10/22/11 17:19 CST		0	Source: Trained Spotter
POTTAWATOMIE COUNTY --- 5.0 S ASHER [34.92, -96.92]				
	10/22/11 17:27 CST		0	Hail (1.75 in)
	10/22/11 17:27 CST		0	Source: Storm Chaser
CANADIAN COUNTY --- 3.0 NE CONCHO [35.64, -97.95]				
	10/22/11 17:29 CST		0	Hail (1.25 in)
	10/22/11 17:29 CST		0	Source: Trained Spotter
NOBLE COUNTY --- 4.0 SE BILLINGS [36.49, -97.39]				
	10/22/11 17:39 CST		0	Hail (0.75 in)
	10/22/11 17:39 CST		0	Source: Trained Spotter
NOBLE COUNTY --- 4.0 SE BILLINGS [36.49, -97.39]				
	10/22/11 17:39 CST		0	Thunderstorm Wind (MG 55 kt)
	10/22/11 17:39 CST		0	Source: Trained Spotter
SEMINOLE COUNTY --- CROMWELL [35.34, -96.45]				
	10/22/11 17:50 CST		0	Hail (2.75 in)
	10/22/11 17:50 CST		0	Source: Law Enforcement
Several vehicles sustained windshield damage from the large hail.				
KAY COUNTY --- BLACKWELL [36.80, -97.28]				
	10/22/11 17:55 CST		0	Hail (0.88 in)
	10/22/11 17:55 CST		0	Source: COOP Observer
CANADIAN COUNTY --- 4.0 W YUKON [35.50, -97.81]				
	10/22/11 17:58 CST		0	Hail (1.50 in)
	10/22/11 17:58 CST		0	Source: Amateur Radio
CANADIAN COUNTY --- 6.0 NW MUSTANG [35.45, -97.80]				
	10/22/11 18:00 CST		0	Hail (2.00 in)
	10/22/11 18:00 CST		0	Source: Broadcast Media
The hail was reported near SW 36th Street and Banner Road. The report was relayed by KFOR-TV.				
PONTOTOC COUNTY --- 7.0 NW ADA [34.84, -96.77]				
	10/22/11 18:05 CST		0	Hail (2.75 in)
	10/22/11 18:05 CST		0	Source: Emergency Manager
CANADIAN COUNTY --- 5.0 E UNION CITY [35.39, -97.85]				
	10/22/11 18:08 CST		0	Hail (4.00 in)
	10/22/11 18:08 CST		0	Source: Storm Chaser

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Car windshields were shattered from the mail.				
CANADIAN COUNTY --- 5.0 N MUSTANG [35.46, -97.72]				
	10/22/11 18:10 CST	0		Hail (1.00 in)
	10/22/11 18:10 CST	0		Source: Public
PONTOTOC COUNTY --- 3.0 W ADA [34.77, -96.73]				
	10/22/11 18:15 CST	0		Hail (1.75 in)
	10/22/11 18:15 CST	0		Source: Trained Spotter
OKLAHOMA COUNTY --- 2.0 NW WARR ACRES [35.54, -97.65]				
	10/22/11 18:20 CST	0		Hail (1.00 in)
	10/22/11 18:20 CST	0		Source: Trained Spotter
PONTOTOC COUNTY --- 2.0 NE ADA [34.79, -96.66]				
	10/22/11 18:20 CST	0		Hail (2.75 in)
	10/22/11 18:20 CST	0		Source: Trained Spotter
PONTOTOC COUNTY --- 2.0 NE ADA [34.79, -96.66]				
	10/22/11 18:20 CST	0		Hail (3.00 in)
	10/22/11 18:20 CST	0		Source: Storm Chaser
PONTOTOC COUNTY --- BYNG [34.86, -96.67]				
	10/22/11 18:20 CST	0		Hail (2.75 in)
	10/22/11 18:20 CST	0		Source: Trained Spotter
The hail busted out several windshields and caused other automobile damage.				
GRADY COUNTY --- TUTTLE [35.29, -97.81]				
	10/22/11 18:28 CST	0		Hail (2.00 in)
	10/22/11 18:28 CST	0		Source: Law Enforcement
GRADY COUNTY --- 6.0 E TUTTLE [35.29, -97.70]				
	10/22/11 18:40 CST	0		Hail (1.25 in)
	10/22/11 18:40 CST	0		Source: Public
GRADY COUNTY --- 5.0 WSW POCASSET [35.16, -98.03]				
	10/22/11 18:50 CST	0		Hail (1.00 in)
	10/22/11 18:50 CST	0		Source: Public
LINCOLN COUNTY --- 2.0 N STROUD [35.78, -96.66]				
	10/22/11 18:50 CST	0		Hail (1.25 in)
	10/22/11 18:50 CST	0		Source: COOP Observer
CLEVELAND COUNTY --- 9.0 E NORMAN [35.22, -97.28]				
	10/22/11 19:00 CST	0		Hail (1.25 in)
	10/22/11 19:00 CST	0		Source: Public
GRADY COUNTY --- BRADLEY [34.88, -97.71]				
	10/22/11 19:05 CST	0		Hail (0.88 in)
	10/22/11 19:05 CST	0		Source: Emergency Manager
MCCLAIN COUNTY --- 2.0 WSW BLANCHARD [35.13, -97.69]				
	10/22/11 19:05 CST	0		Hail (1.00 in)
	10/22/11 19:05 CST	0		Source: NWS Employee
MCCLAIN COUNTY --- 3.0 S BLANCHARD [35.10, -97.66]				

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	10/22/11 19:15 CST		0	Hail (1.25 in)
	10/22/11 19:15 CST		0	Source: Trained Spotter
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PONTOTOC COUNTY --- ALLEN [34.88, -96.41]				
	10/22/11 19:27 CST		0	Hail (1.75 in)
	10/22/11 19:27 CST		0	Source: Trained Spotter
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GRADY COUNTY --- 3.0 SSE CHICKASHA ARPT [35.04, -97.95]				
	10/22/11 19:40 CST		0	Hail (0.75 in)
	10/22/11 19:40 CST		0	Source: Amateur Radio
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OKLAHOMA COUNTY --- 2.0 E MIDWEST CITY [35.46, -97.35]				
	10/22/11 19:45 CST		0	Hail (1.00 in)
	10/22/11 19:45 CST		0	Source: Fire Department/Rescue
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The hail was reported near SE 15th Street and Westminster Road.				
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HUGHES COUNTY --- GERTY [34.84, -96.29]				
	10/22/11 19:50 CST		0	Hail (1.75 in)
	10/22/11 19:50 CST		0	Source: Emergency Manager
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STEPHENS COUNTY --- 11.0 E MARLOW [34.65, -97.77]				
	10/22/11 19:58 CST		0	Hail (1.00 in)
	10/22/11 19:58 CST		0	Source: Amateur Radio
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GARVIN COUNTY --- PAULS VALLEY [34.74, -97.22]				
	10/22/11 20:25 CST		0	Thunderstorm Wind (EG 52 kt)
	10/22/11 20:25 CST		0	Source: Public
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No damage was reported with the wind.				
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COAL COUNTY --- 10.0 NNE COTTONWOOD [34.69, -96.13]				
	10/22/11 20:45 CST		0	Hail (1.00 in)
	10/22/11 20:45 CST		0	Source: Public
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COAL COUNTY --- 4.0 SW LEHIGH [34.43, -96.27]				
	10/22/11 21:05 CST		2K	Thunderstorm Wind (EG 56 kt)
	10/22/11 21:05 CST		0	Source: COOP Observer
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A 36-inch diameter tree was blown down. Several smaller trees/limbs were blown down as well. Monetary damages were estimated.				
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STEPHENS COUNTY --- 3.0 SW DUNCAN [34.47, -98.00]				
	10/22/11 21:15 CST		0	Hail (1.00 in)
	10/22/11 21:15 CST		0	Source: Amateur Radio
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STEPHENS COUNTY --- 5.0 ESE LOCO [34.30, -97.60]				
	10/22/11 21:17 CST		0	Hail (1.75 in)
	10/22/11 21:17 CST		0	Source: Amateur Radio
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CARTER COUNTY --- 7.0 NNW HEALDTON [34.32, -97.54]				
	10/22/11 21:20 CST		0	Hail (1.00 in)
	10/22/11 21:20 CST		0	Source: Amateur Radio
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STEPHENS COUNTY --- COMANCHE [34.37, -97.97]				
	10/22/11 21:20 CST		0	Hail (1.75 in)
	10/22/11 21:20 CST		0	Source: COOP Observer
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JEFFERSON COUNTY --- 1.0 N ADDINGTON [34.25, -97.97]				

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	10/22/11 21:35 CST		0	Hail (1.00 in)
	10/22/11 21:35 CST		0	Source: Amateur Radio
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JEFFERSON COUNTY --- ADDINGTON [34.24, -97.97]				
	10/22/11 21:35 CST		0	Hail (2.50 in)
	10/22/11 21:35 CST		0	Source: Amateur Radio
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CARTER COUNTY --- 5.0 E ARDMORE [34.17, -97.05]				
	10/22/11 22:10 CST		0.10K	Thunderstorm Wind (EG 52 kt)
	10/22/11 22:10 CST		0	Source: Trained Spotter
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Two 8 to 10 inch diameter trees were blown down.				
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JEFFERSON COUNTY --- 5.0 ENE TERRAL [33.93, -97.86]				
	10/22/11 22:25 CST		0	Hail (2.75 in)
	10/22/11 22:25 CST		0	Source: Public

Widespread strong to severe showers and thunderstorms moved over the eastern half of Oklahoma. A potent storm system moved southeast through the central Rockies, with warm, moist air moving north through Oklahoma. Thunderstorms first developed over north-central Oklahoma, but became more widespread further south as the evening progressed. Strong instability and wind shear allowed for the thunderstorms to become organized, with some supercell storms producing very large hail and damaging winds. One particular storm moved over the southwest side of Oklahoma City, with up to 4 inch diameter hail falling near Union City. Other storms produced hail up to baseball size. The storms continued to develop and move southeast, eventually moving into southeast Oklahoma.



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Hail larger than golf balls fell near Tuttle, OK on October 22nd.

TEXAS, Western North

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

10/01/11 00:00 CST	0	Drought
10/31/11 23:59 CST	0	

Much needed rain fell over parts of western north Texas, but only made a small dent in the exceptional drought that has plagued the region for several months. Some areas received over 5 inches of rainfall for the month, which is well above normal. However, with much of the region over 15 inches below normal for the year, it will take several large rainfall events to make a significant improvement to the drought.

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

10/11/11 21:15 CST	0	Hail (0.88 in)
10/11/11 21:15 CST	0	Source: Public

In addition to the hail, a wind gust of 60 mph was estimated.

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

10/11/11 21:15 CST	0	Thunderstorm Wind (EG 52 kt)
10/11/11 21:15 CST	0	Source: Public

Up to nickel-size hail also occurred.

HARDEMAN COUNTY --- QUANAH [34.30, -99.74]

10/11/11 21:20 CST	0	Hail (0.75 in)
10/11/11 21:20 CST	0	Source: Public

HARDEMAN COUNTY --- 13.0 S QUANAH [34.11, -99.74]

10/11/11 21:45 CST	0	Hail (0.88 in)
10/11/11 21:45 CST	0	Source: Park/Forest Service

FOARD COUNTY --- 2.0 S RAYLAND [34.03, -99.48]

10/11/11 22:15 CST	0	Hail (1.00 in)
10/11/11 22:15 CST	0	Source: Public

BAYLOR COUNTY --- WESTOVER [33.50, -99.01]

10/11/11 23:25 CST	0	Hail (1.75 in)
10/11/11 23:25 CST	0	Source: Public

Scattered strong to severe thunderstorms developed over the Texas panhandle into north Texas during the afternoon and evening hours. A few strong to severe thunderstorms occurred near and south of the front, with large hail and a severe wind gust reported during the mid to late evening hours.