

Storm Data and Unusual Weather Phenomena - September 2012

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

09/01/12 00:00 CST	0	Drought
09/30/12 23:59 CST	0	

Drought conditions continued over the southern Plains following a hot and very dry summer. A few beneficial rain events did occur during September, resulting in improving drought conditions in some areas.

ELLIS COUNTY --- GAGE [36.32, -99.76]

09/04/12 16:49 CST	0	Thunderstorm Wind (MG 70 kt)
09/04/12 16:49 CST	0	Source: ASOS

The ASOS at Gage recorded a wind gust to 81 mph at 5:49pm CDT. A wind gust to 71 mph was also recorded five minutes earlier at 5:44pm CDT.

ELLIS COUNTY --- GAGE [36.32, -99.76]

09/04/12 16:50 CST	45K	Thunderstorm Wind (EG 70 kt)
09/04/12 16:50 CST	0	Source: Emergency Manager

Emergency manager reported outbuildings were damaged, a mobile home was blown off its foundation, and power lines were downed.

CUSTER COUNTY --- 2.8 W ARAPAHO [35.58, -99.01]

09/04/12 18:20 CST	0.36M	Thunderstorm Wind (EG 61 kt)
09/04/12 18:20 CST	0	Source: Emergency Manager

Six power transmission poles were downed at the intersection of county road 1000 and county roads 2230 and 2240. Time estimated by radar.

A weak area of low pressure existed over northern Oklahoma, allowing a cluster of thunderstorms to develop across northwest Oklahoma by mid-afternoon. Unseasonably hot temperatures promoted strong evaporative cooling below storm bases, resulting in severe wind gusts, with damage reported.

CARTER COUNTY --- GENE AUTRY [34.28, -97.04]

09/05/12 15:37 CST	0	Hail (1.75 in)
09/05/12 15:37 CST	0	Source: Fire Department/Rescue

Fire department reported 1.75" hail in Gene Autry.

CARTER COUNTY --- 2.4 NNE LONE GROVE [34.21, -97.24]

09/05/12 16:05 CST	0	Thunderstorm Wind (MG 68 kt)
09/05/12 16:05 CST	0	Source: Mesonet

Mesonet site at Newport recorded a gust to 78 mph.

CARTER COUNTY --- 2.3 W ARDMORE [34.17, -97.18]

09/05/12 16:15 CST	3K	Thunderstorm Wind (EG 61 kt)
09/05/12 16:15 CST	0	Source: Storm Chaser

Storm chaser reported trees uprooted at the intersection of US-70 and Mayall road on the west side of Ardmore.

BECKHAM COUNTY --- 3.1 SE ERICK [35.18, -99.83]

09/05/12 17:25 CST	0	Thunderstorm Wind (EG 52 kt)
09/05/12 17:25 CST	0	Source: Public

Public estimated wind gusts to 60 mph.

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BECKHAM COUNTY --- 4.2 ESE ERICK [35.19, -99.80]				
	09/05/12 19:20 CST		0	Thunderstorm Wind (MG 55 kt)
	09/05/12 19:20 CST		0	Source: Mesonet
The Erick, Oklahoma mesonet recorded a wind gust to 63 mph.				
KIOWA COUNTY --- 0.6 E (HBR)HOBART AIRPORT [34.99, -99.04]				
	09/05/12 20:35 CST		0	Thunderstorm Wind (MG 59 kt)
	09/05/12 20:35 CST		0	Source: Mesonet
The mesonet site at Hobart recorded a gust to 68 mph at 9:35pm CDT. A gust to 59 mph was also recorded at 9:45pm CDT.				
KIOWA COUNTY --- 0.6 E (HBR)HOBART AIRPORT [34.99, -99.04]				
	09/05/12 20:40 CST		0	Thunderstorm Wind (MG 62 kt)
	09/05/12 20:40 CST		0	Source: ASOS
The Hobart ASOS recorded a gust to 71 mph.				
A weak cold front moved into Oklahoma during the afternoon, initiating scattered thunderstorms mainly south of interstate 40. Several storms produced severe wind gusts, along with some large hail.				
OKLAHOMA COUNTY --- 2.4 SSW OKLAHOMA CITY [35.44, -97.53]				
	09/07/12 14:20 CST		15K	Thunderstorm Wind (EG 61 kt)
	09/07/12 14:20 CST		0	Source: Fire Department/Rescue
Fire Department reported power poles down, a large tree blocking a roadway, and power outages.				
LINCOLN COUNTY --- 2.4 WNW MEEKER [35.51, -96.93]				
	09/07/12 14:25 CST		2K	Thunderstorm Wind (EG 61 kt)
	09/07/12 14:25 CST		0	Source: Emergency Manager
Emergency Manager reported a large tree down.				
OKLAHOMA COUNTY --- 0.7 N (TIK)TINKER AFB [35.42, -97.39]				
	09/07/12 14:56 CST		0	Thunderstorm Wind (MG 66 kt)
	09/07/12 14:56 CST		0	Source: ASOS
Tinker air force base recorded a wind gust to 76 mph.				
A strong cold front moved across northern Oklahoma during the afternoon. Ahead of the front in central Oklahoma, thunderstorms developed in a very hot environment, resulting in severe wind gusts.				
CUSTER COUNTY --- 6.4 NNW CUSTER CITY [35.75, -98.91]				
	09/25/12 18:00 CST		0	Hail (1.00 in)
	09/25/12 18:00 CST		0	Source: Public
Public reported quarter size hail.				
CUSTER COUNTY --- 4.4 NW FOSS RES DAM [35.58, -99.25]				
	09/25/12 18:20 CST		0	Thunderstorm Wind (MG 63 kt)
	09/25/12 18:20 CST		0	Source: Mesonet
Mesonet site at Butler recorded a gust to 72 mph.				
WASHITA COUNTY --- 4.0 WNW BESSIE [35.41, -99.05]				
	09/25/12 18:45 CST		0	Thunderstorm Wind (MG 57 kt)
	09/25/12 18:45 CST		0	Source: Mesonet
Mesonet site at Bessie recorded a gust to 66 mph. Also recorded gusts to 57 mph and 60 mph at the prior (6:40 pm) and following (6:50 pm) observations, respectively.				
BLAINE COUNTY --- 0.7 S HOMESTEAD [36.14, -98.39]				

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	09/25/12 19:09 CST		0	Hail (2.00 in)
	09/25/12 19:09 CST		0	Source: Trained Spotter

A trained spotter reported 2" hail.

CUSTER COUNTY --- 4.5 WSW WEATHERFORD [35.50, -98.77]

	09/25/12 19:10 CST		0	Thunderstorm Wind (MG 51 kt)
	09/25/12 19:10 CST		0	Source: Mesonet

Mesonet site at Weatherford recorded a gust to 59 mph.

CUSTER COUNTY --- 4.5 WSW WEATHERFORD [35.50, -98.77]

	09/25/12 19:50 CST		0	Thunderstorm Wind (MG 53 kt)
	09/25/12 19:50 CST		0	Source: Mesonet

Mesonet site at Weatherford recorded a gust to 61 mph.

KIOWA COUNTY --- 0.6 E (HBR)HOBART AIRPORT [34.99, -99.04]

	09/25/12 20:00 CST		0	Thunderstorm Wind (MG 51 kt)
	09/25/12 20:00 CST		0	Source: ASOS

Hobart ASOS recorded a gust to 59 mph.

JACKSON COUNTY --- (LTS)ALTUS AFB [34.66, -99.29]

	09/25/12 20:23 CST		0	Thunderstorm Wind (MG 70 kt)
	09/25/12 20:23 CST		0	Source: ASOS

Altus ASOS recorded a gust to 80 mph at 8:23 pm CST. A wind gust to 66 mph was also observed at 8:26 pm CST, and an emergency manager recorded 68 mph winds 1 mile west of Altus at 8:20 pm CST.

JACKSON COUNTY --- ALTUS [34.64, -99.33]

	09/25/12 20:26 CST		0	Hail (1.00 in)
	09/25/12 20:26 CST		0	Source: Amateur Radio

Amateur radio operator reported quarter sized hail.

GRADY COUNTY --- 1.8 SW MINCO [35.29, -97.96]

	09/25/12 20:40 CST		0	Thunderstorm Wind (MG 57 kt)
	09/25/12 20:40 CST		0	Source: Mesonet

Mesonet site at Minco recorded a gust to 66 mph.

TILLMAN COUNTY --- 2.9 W MANITOU [34.51, -99.03]

	09/25/12 21:05 CST		0	Hail (1.00 in)
	09/25/12 21:05 CST		0	Source: Emergency Manager

Emergency manager reported quarter sized hail.

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

	09/25/12 21:15 CST		0	Thunderstorm Wind (MG 52 kt)
	09/25/12 21:15 CST		0	Source: Mesonet

Mesonet site at Medicine Park recorded a gust to 60 mph.

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

	09/26/12 01:45 CST		0	Thunderstorm Wind (MG 57 kt)
	09/26/12 01:45 CST		0	Source: Mesonet

Mesonet site at Medicine Park recorded a gust to 66 mph.

STEPHENS COUNTY --- 6.6 SW LAKE FUQUA DAM [34.53, -97.75]

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	09/26/12 03:55 CST		0	Thunderstorm Wind (MG 61 kt)
	09/26/12 03:55 CST		0	Source: Mesonet

Mesonet site at Ketchum Ranch recorded a gust to 70 mph.

Numerous thunderstorms, including some supercells, developed from the Texas Panhandle into southern Kansas during the afternoon. These storms moved slowly eastward through the evening and affected portions of western and central Oklahoma. The strongest storms produced large hail and damaging winds in some locations.

HUGHES COUNTY --- DUSTIN [35.27, -96.03]

09/26/12 13:50 CST	0	Hail (1.00 in)
09/26/12 13:50 CST	0	Source: Post Office

Post office reported 1" hail.

HUGHES COUNTY --- 1.4 N WETUMKA [35.26, -96.24]

09/26/12 15:30 CST	0	Hail (1.75 in)
09/26/12 15:30 CST	0	Source: Law Enforcement

Law enforcement reported 1.75" hail near Wetumka Lake.

ROGER MILLS COUNTY --- 2.8 N DEMPSEY [35.55, -99.82]

09/26/12 18:50 CST	0	Hail (1.75 in)
09/26/12 18:50 CST	0	Source: Public

Public reported 1.75" hail.

DEWEY COUNTY --- 7.0 WSW PUTNAM [35.83, -99.09]

09/26/12 19:00 CST	0	Hail (1.00 in)
09/26/12 19:00 CST	0	Source: Public

Public reported 1" hail, and time was estimated from radar data.

CANADIAN COUNTY --- 0.6 E EL RENO [35.53, -97.95]

09/26/12 19:08 CST	0	Hail (1.00 in)
09/26/12 19:08 CST	0	Source: Emergency Manager

Emergency management reported 1" hail on the west side of El Reno.

DEWEY COUNTY --- 2.8 S SEILING [36.11, -98.92]

09/26/12 20:13 CST	0	Hail (1.25 in)
09/26/12 20:13 CST	0	Source: Law Enforcement

Law enforcement reported 1.25" hail.

CANADIAN COUNTY --- 5.0 WNW MUSTANG [35.42, -97.80]

09/26/12 20:25 CST	0	Hail (3.00 in)
09/26/12 20:25 CST	0	Source: Storm Chaser

Storm chaser reported 3" hail 5 WSW Mustang. A trained spotter also observed 1.75" hail 3 WSW Mustang.

JACKSON COUNTY --- 3.5 S ALTUS [34.59, -99.33]

09/26/12 20:25 CST	0	Thunderstorm Wind (MG 57 kt)
09/26/12 20:25 CST	0	Source: Mesonet

Mesonet site at Altus recorded a gust to 66 mph.

TILLMAN COUNTY --- 1.3 ESE FREDERICK [34.38, -99.00]

09/26/12 20:31 CST	0	Thunderstorm Wind (MG 50 kt)
09/26/12 20:31 CST	0	Source: ASOS

KFDR reported a gust to 58 mph.

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WASHITA COUNTY --- 0.6 W COWDEN [35.25, -98.72]				
	09/26/12 20:32 CST		0	Hail (1.00 in)
	09/26/12 20:32 CST		0	Source: Public
Public reported 1" hail.				
LOGAN COUNTY --- 4.7 WNW NAVINA [35.82, -97.64]				
	09/26/12 20:35 CST		0	Hail (1.75 in)
	09/26/12 20:35 CST		0	Source: Fire Department/Rescue
Twin Lakes FD reported 1.75" hail.				
CANADIAN COUNTY --- 4.8 SW YUKON [35.45, -97.80]				
	09/26/12 20:45 CST		0	Hail (1.75 in)
	09/26/12 20:45 CST		0	Source: NWS Employee
Off-duty NWS employee reported 1.75" hail 6 NW Mustang.				
HUGHES COUNTY --- 1.3 ENE WETUMKA [35.25, -96.22]				
	09/26/12 20:55 CST		0	Heavy Rain
	09/26/12 20:55 CST		0	Source: Trained Spotter
Trained spotter reported 5" of rain.				
LOGAN COUNTY --- CRESCENT [35.95, -97.60]				
	09/26/12 20:57 CST		2K	Hail (1.75 in)
	09/26/12 20:57 CST		0	Source: COOP Observer
COOP observer reported 1.75" hail near Crescent Park. Some damage was reported to automobiles.				
COMANCHE COUNTY --- 1.3 WSW MT SCOTT [34.73, -98.55]				
	09/26/12 21:30 CST		0	Thunderstorm Wind (MG 53 kt)
	09/26/12 21:30 CST		0	Source: Mesonet
Mesonet site at Medicine Park recorded a gust to 61 mph.				
COMANCHE COUNTY --- 1.3 WSW MT SCOTT [34.73, -98.55]				
	09/26/12 21:45 CST		0	Thunderstorm Wind (EG 59 kt)
	09/26/12 21:45 CST		0	Source: Mesonet
Mesonet site at Medicine Park recorded a gust to 68 mph.				
DEWEY COUNTY --- 1.8 WNW HUCMAC [36.07, -98.82]				
	09/26/12 21:55 CST		0	Hail (1.00 in)
	09/26/12 21:55 CST		0	Source: Public
Public reported 1" hail.				
GRADY COUNTY --- 1.8 SW MINCO [35.29, -97.96]				
	09/26/12 21:55 CST		0	Thunderstorm Wind (MG 58 kt)
	09/26/12 22:15 CST		0	Source: Mesonet
Mesonet site at Minco measured a gust to 67 mph. Also measured gusts to 63 mph at 9:55pm CST, 67 mph at 10:00pm CST, and 59 mph at 10:15pm CST.				
GARFIELD COUNTY --- BRECKINRIDGE [36.44, -97.73]				
	09/26/12 22:49 CST		0	Hail (1.75 in)
	09/26/12 22:49 CST		0	Source: Emergency Manager
Emergency management reported 1.75" hail.				
GRANT COUNTY --- 6.8 NNE NASH [36.76, -98.00]				

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	09/26/12 23:10 CST		0	Hail (1.00 in)
	09/26/12 23:10 CST		0	Source: Law Enforcement

Law enforcement reported 1" hail.

An initial round of thunderstorms developed over the eastern portions of central Oklahoma during the early afternoon hours, producing some large hail. Around sunset, numerous storms developed and overspread western and central Oklahoma, producing widespread hail reports and some damaging wind through the mid to late evening hours.

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

09/01/12 00:00 CST	0	Drought
09/30/12 23:59 CST	0	

Drought conditions continued over the southern Plains following a hot and very dry summer. A few beneficial rain events did occur during September, resulting in improving drought conditions in some areas.

WILBARGER COUNTY --- 3.7 WSW LOCKETT [34.06, -99.43]

09/25/12 18:50 CST	0	Hail (1.25 in)
09/25/12 18:50 CST	0	Source: Emergency Manager

Emergency manager reported 1.25 inch hail.

WILBARGER COUNTY --- 0.9 SW VERNON [34.14, -99.30]

09/25/12 19:00 CST	0	Hail (2.50 in)
09/25/12 19:00 CST	0	Source: Emergency Manager

Emergency manager reported 2.5 inch hail.

WILBARGER COUNTY --- 0.6 E VERNON [34.15, -99.28]

09/25/12 19:06 CST	0	Hail (2.00 in)
09/25/12 19:06 CST	0	Source: Emergency Manager

Emergency manager reported 2 inch hail. Reports of 1.25 inch and 1.75 inch hail were also received within Vernon city limits between 7:06 and 7:11pm CST.

WILBARGER COUNTY --- 4.9 S VERNON [34.08, -99.28]

09/25/12 19:06 CST	0	Hail (1.00 in)
09/25/12 19:06 CST	0	Source: Emergency Manager

Emergency manager reported 1 inch hail.

KNOX COUNTY --- GILLILAND [33.73, -99.68]

09/25/12 19:16 CST	0	Hail (1.25 in)
09/25/12 19:16 CST	0	Source: Public

Public reported 1.25 inch hail.

Numerous thunderstorms, including some supercells, developed over the west Texas during the afternoon. These storms moved slowly eastward through the evening and affected portions of western north Texas.