

Storm Data and Unusual Weather Phenomena - June 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central and Southeast				
(OK-Z004) HARPER, (OK-Z009) ELLIS, (OK-Z033) HARMON, (OK-Z035) KIOWA, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z044) COTTON, (OK-Z052) BRYAN				
	06/01/12 00:00 CST		0	Drought
	06/30/12 23:59 CST		0	
Few rainfall events and mild temperatures allowed the drought from May to continue into June. the Drought expanded across western Oklahoma and even moved into parts of southeast Oklahoma before the month had ended.				
HARMON COUNTY --- HOLLIS [34.69, -99.92]				
	06/01/12 19:17 CST		50K	Thunderstorm Wind (EG 61 kt)
	06/01/12 19:17 CST		0	Source: Law Enforcement
Several utility poles were blown down by estimated 70 mph wind gusts.				
HARMON COUNTY --- 0.6 W HOLLIS [34.69, -99.93]				
	06/01/12 19:21 CST		0	Hail (1.00 in)
	06/01/12 19:21 CST		0	Source: Trained Spotter
HARMON COUNTY --- 2.1 S HOLLIS [34.66, -99.92]				
	06/01/12 19:28 CST		0	Hail (1.00 in)
	06/01/12 19:28 CST		0	Source: Public
ROGER MILLS COUNTY --- 4.3 SSW DEMPSEY [35.45, -99.84]				
	06/01/12 19:35 CST		0	Hail (1.00 in)
	06/01/12 19:35 CST		0	Source: Public
JACKSON COUNTY --- 6.8 W ELDORADO [34.47, -99.77]				
	06/01/12 20:04 CST		0	Thunderstorm Wind (EG 52 kt)
	06/01/12 20:04 CST		0	Source: Public
No damage was reported.				
A stalled front across far southwest Oklahoma, combined with strong northwesterly flow aloft and moderate instability led to the development of supercell thunderstorms during the late afternoon. Storms eventually grew into multicells with damaging winds and marginally severe hail.				
HARPER COUNTY --- BUFFALO [36.83, -99.63]				
	06/02/12 22:39 CST		2K	Thunderstorm Wind (EG 52 kt)
	06/02/12 22:39 CST		0	Source: Law Enforcement
At least one power line was blown down.				
ROGER MILLS COUNTY --- 0.6 W ROLL [35.78, -99.72]				
	06/02/12 23:00 CST		0	Thunderstorm Wind (EG 52 kt)
	06/02/12 23:00 CST		0	Source: Public
Pea sized hail was also reported. No damage was reported.				
WOODWARD COUNTY --- 7.8 ESE MUTUAL [36.19, -99.04]				
	06/02/12 23:30 CST		0	Thunderstorm Wind (MG 52 kt)
	06/02/12 23:30 CST		0	Source: Mesonet
No damage was reported.				
ROGER MILLS COUNTY --- HAMMON [35.63, -99.38]				
	06/02/12 23:45 CST		0	Hail (1.00 in)
	06/02/12 23:45 CST		0	Source: Public

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JACKSON COUNTY --- 4.0 W ALTUS [34.64, -99.40]				
	06/03/12 00:14 CST		0	Hail (0.75 in)
	06/03/12 00:14 CST		0	Source: Emergency Manager
GARFIELD COUNTY --- DRUMMOND [36.30, -98.04]				
	06/03/12 00:45 CST		0	Thunderstorm Wind (EG 52 kt)
	06/03/12 00:45 CST		0	Source: Utility Company
Weather radio technician reported 60 mph winds and pea sized hail at the Enid weather radio site.				
GARFIELD COUNTY --- 1.7 W ENID [36.40, -97.91]				
	06/03/12 01:15 CST		0	Hail (0.75 in)
	06/03/12 01:15 CST		0	Source: Emergency Manager
COMANCHE COUNTY --- 1.8 WSW LAWTON [34.60, -98.42]				
	06/03/12 01:19 CST		0	Hail (0.75 in)
	06/03/12 01:19 CST		0	Source: Broadcast Media
The hail fell one mile south of the Lawton airport.				
CANADIAN COUNTY --- MUSTANG [35.39, -97.72]				
	06/03/12 01:35 CST		1K	Thunderstorm Wind (EG 56 kt)
	06/03/12 01:35 CST		0	Source: Trained Spotter
At least one large tree was blown down and blocked an area roadway.				
A strong cap prevented storms from developing during the daylight hours, but a modest low level jet allowed storms to form late on the night of the second. Storms lasted through the night producing marginally severe hail and a few damaging wind gusts.				
ROGER MILLS COUNTY --- 7.0 SW HAMMON [35.57, -99.48]				
	06/03/12 21:02 CST		0	Hail (0.75 in)
	06/03/12 21:02 CST		0	Source: Public
CUSTER COUNTY --- 4.4 NW FOSS RES DAM [35.58, -99.25]				
	06/03/12 21:10 CST		0	Thunderstorm Wind (MG 63 kt)
	06/03/12 21:10 CST		0	Source: Mesonet
CUSTER COUNTY --- 4.4 NW FOSS RES DAM [35.58, -99.25]				
	06/03/12 21:15 CST		0	Thunderstorm Wind (MG 58 kt)
	06/03/12 21:15 CST		0	Source: Mesonet
CUSTER COUNTY --- 0.9 NE CLINTON [35.52, -98.96]				
	06/03/12 21:29 CST		0	Hail (0.75 in)
	06/03/12 21:29 CST		0	Source: Trained Spotter
CADDO COUNTY --- 4.8 N EAKLY [35.38, -98.56]				
	06/03/12 22:06 CST		0	Hail (0.88 in)
	06/03/12 22:06 CST		0	Source: Amateur Radio
CADDO COUNTY --- 3.9 NNE EAKLY [35.36, -98.53]				
	06/03/12 22:13 CST		0	Hail (1.00 in)
	06/03/12 22:13 CST		0	Source: Amateur Radio
COMANCHE COUNTY --- 1.3 WSW MT SCOTT [34.73, -98.55]				
	06/04/12 06:35 CST		0	Thunderstorm Wind (MG 54 kt)
	06/04/12 06:35 CST		0	Source: Mesonet

A weak dryline and surface front lingered across western Oklahoma. Modest northwest flow aloft allowed organized storms to develop during the mid evening. Storms produced marginally severe hail and wind damage over parts of western Oklahoma and lingered well

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into the overnight hours.				
COMANCHE COUNTY --- 1.3 WSW MT SCOTT [34.73, -98.55]				
	06/05/12 14:00 CST		0	Thunderstorm Wind (MG 54 kt)
	06/05/12 14:00 CST		0	Source: Mesonet
No damage was reported.				
COMANCHE COUNTY --- 3.5 ENE FLETCHER [34.83, -98.18]				
	06/05/12 14:40 CST		0	Hail (0.88 in)
	06/05/12 14:40 CST		0	Source: SHAVE Project
COMANCHE COUNTY --- 0.6 E FLETCHER [34.82, -98.23]				
	06/05/12 14:45 CST		0	Hail (0.88 in)
	06/05/12 14:45 CST		0	Source: SHAVE Project
WASHITA COUNTY --- 0.9 SE CORDELL [35.28, -98.98]				
	06/05/12 14:50 CST		0	Hail (0.88 in)
	06/05/12 14:50 CST		0	Source: SHAVE Project
BRYAN COUNTY --- 3.1 SW ARMSTRONG [34.02, -96.38]				
	06/05/12 18:53 CST		0	Hail (0.75 in)
	06/05/12 18:53 CST		0	Source: Storm Chaser
JACKSON COUNTY --- 2.3 W ALTUS [34.64, -99.37]				
	06/06/12 15:27 CST		0	Hail (0.75 in)
	06/06/12 15:27 CST		0	Source: Amateur Radio
<p>A weak surface trough extended across southern Oklahoma with a well defined mesoscale convective vortex moving across southern Oklahoma late in the day. This led to the generation of widespread thunderstorms, a few of which produced marginally severe hail and strong to severe wind gusts.</p>				
LOVE COUNTY --- 2.3 E RUBOTTOM [33.94, -97.42]				
	06/06/12 13:50 CST		0	Thunderstorm Wind (EG 52 kt)
	06/06/12 13:50 CST		0	Source: Public
No damage was reported.				
ALFALFA COUNTY --- 139.2 SSW ALINE [34.64, -99.37]				
	06/06/12 15:27 CST		0	Hail (0.75 in)
	06/06/12 15:27 CST		0	Source: Amateur Radio
<p>A weak surface trough remained over southern Oklahoma on the 6th. Adequate heating and moisture allowed for a couple of strong to severe storms to develop during the afternoon hours.</p>				
CARTER COUNTY --- 0.7 S LONE GROVE [34.17, -97.26]				
	06/11/12 20:25 CST		0	Hail (1.75 in)
	06/11/12 20:25 CST		0	Source: Law Enforcement
CARTER COUNTY --- 0.7 S LONE GROVE [34.17, -97.26]				
	06/11/12 20:30 CST		0	Hail (1.50 in)
	06/11/12 20:30 CST		0	Source: Trained Spotter
CARTER COUNTY --- 2.7 SW ARDMORE [34.14, -97.17]				
	06/11/12 20:30 CST		0	Hail (1.00 in)
	06/11/12 20:30 CST		0	Source: Trained Spotter
CARTER COUNTY --- 4.0 E WILSON [34.16, -97.36]				
	06/11/12 21:45 CST		0	Hail (1.00 in)
	06/11/12 21:45 CST		0	Source: Emergency Manager

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The hail fell approximately 1 mile east of Keller road and US highway 70.				
CARTER COUNTY --- 2.3 E HEALDTON [34.23, -97.45]				
	06/11/12 22:40 CST	0		Hail (1.50 in)
	06/11/12 22:40 CST	0		Source: Emergency Manager
The hail fell at the intersection of Cimmaron and Catlemens road.				
GARVIN COUNTY --- 1.8 WSW PAOLI [34.82, -97.29]				
	06/11/12 23:25 CST	0		Hail (1.00 in)
	06/11/12 23:25 CST	0		Source: COOP Observer
GARVIN COUNTY --- 1.4 N ELMORE CITY [34.64, -97.40]				
	06/11/12 23:45 CST	0	0.80K	Thunderstorm Wind (EG 52 kt)
	06/11/12 23:45 CST	0		Source: Public
Several large tree limbs were blown down. Time was estimated based on radar.				
A cold front pushed into southern Oklahoma during the evening. Elevated instability and a modest low level jet were enough to lead to scattered elevated supercells over parts of southern and central Oklahoma. Storms produced large hail and damaging winds in Carter and Garvin counties.				
COMANCHE COUNTY --- 1.3 WSW MT SCOTT [34.73, -98.55]				
	06/13/12 02:55 CST	0		Thunderstorm Wind (MG 54 kt)
	06/13/12 02:55 CST	0		Source: Mesonet
ROGER MILLS COUNTY --- 4.8 NE DEMPSEY [35.55, -99.75]				
	06/13/12 03:35 CST	0		Thunderstorm Wind (MG 50 kt)
	06/13/12 03:35 CST	0		Source: Mesonet
A complex of showers and storms developed over western Texas on the evening of the 12th. As this system moved east, it became more organized and led to several strong to severe wind gusts across southwest Oklahoma during the overnight hours.				
HARMON COUNTY --- 1.5 SSW MC KNIGHT [34.75, -99.92]				
	06/14/12 21:10 CST	0		Hail (1.00 in)
	06/14/12 21:10 CST	0		Source: Law Enforcement
Estimated 50 mph winds were also reported with the hail.				
WOODS COUNTY --- 13.5 NNE CAMP HOUSTON [36.98, -99.00]				
	06/14/12 21:40 CST	0		Thunderstorm Wind (MG 50 kt)
	06/14/12 21:40 CST	0		Source: Mesonet
WOODS COUNTY --- 13.5 NNE CAMP HOUSTON [36.98, -99.00]				
	06/14/12 21:45 CST	0		Thunderstorm Wind (MG 52 kt)
	06/14/12 21:45 CST	0		Source: Mesonet
WOODWARD COUNTY --- 17.6 N MOORELAND ARPT [36.73, -99.13]				
	06/14/12 22:00 CST	0		Thunderstorm Wind (MG 50 kt)
	06/14/12 22:00 CST	0		Source: Mesonet
GARFIELD COUNTY --- 2.6 WSW (WDG) WOODRING ARPT [36.36, -97.83]				
	06/14/12 23:35 CST	0		Thunderstorm Wind (MG 51 kt)
	06/14/12 23:35 CST	0		Source: AWOS
The wind gust was recorded at the Woodring AWOS.				
KAY COUNTY --- BRAMAN [36.92, -97.33]				
	06/15/12 00:07 CST	0		Thunderstorm Wind (EG 61 kt)
	06/15/12 00:07 CST	0		Source: COOP Observer

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No damage was reported.

A cluster of storms developed over western Kansas and the Oklahoma/Texas Panhandle region. Through the evening and overnight, storms merged into a long lived squall line. As this line moved across northern Oklahoma, heavy rain and a couple of severe wind gusts occurred.

COMANCHE COUNTY --- 4.9 S CACHE [34.56, -98.62]

06/16/12 15:21 CST		0	Hail (1.00 in)	
06/16/12 15:21 CST		0	Source: Trained Spotter	

Multicell thunderstorms developed over western Texas during the late afternoon with isolated storms developing as far north as southwest Oklahoma. Most of the storms remained non-severe, but one severe hail report was received from Comanche county.

GARVIN COUNTY --- WYNNEWOOD [34.64, -97.16]

06/17/12 15:35 CST		60K	Thunderstorm Wind (EG 61 kt)	
06/17/12 15:35 CST		0	Source: Law Enforcement	

Wynnewood police department reported numerous power poles and trees down in the town of Wynnewood. Quarter sized hail was also reported.

Isolated storms developed over south central Oklahoma during the late afternoon. A lone severe storm produced very heavy rain and wind damage.

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

06/01/12 00:00 CST		0	Drought	
06/30/12 23:59 CST		0		

Despite several rain events. D2 to D3 drought persisted across western north Texas through the month of June with D2 drought extending eastward by the end of the month.

CLAY COUNTY --- 1.8 SE VASHTI [33.54, -98.02]

06/11/12 20:27 CST		0	Hail (1.75 in)	
06/11/12 20:27 CST		0	Source: Emergency Manager	

CLAY COUNTY --- 7.5 SSW LAKE ARROWHEAD DAM [33.66, -98.42]

06/11/12 21:05 CST		0	Hail (0.88 in)	
06/11/12 21:05 CST		0	Source: Emergency Manager	

CLAY COUNTY --- HENRIETTA [33.82, -98.19]

06/11/12 21:23 CST		0	Hail (0.88 in)	
06/11/12 21:23 CST		0	Source: Emergency Manager	

CLAY COUNTY --- HENRIETTA [33.82, -98.19]

06/11/12 21:26 CST		0	Hail (1.00 in)	
06/11/12 21:26 CST		0	Source: Emergency Manager	

A cold front pushed into north Texas during the evening and overnight hours. Elevated instability and a modest low level jet were enough to lead to scattered elevated supercells over parts of western north Texas. Storms produced large hail over Clay county.