

Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Northwest				
WASHINGTON COUNTY --- 4.0 WSW FARMINGTON [36.01, -94.32]				
	07/10/13 18:43 CST		5K	Thunderstorm Wind (EG 57 kt)
	07/10/13 18:43 CST		0	Source: Broadcast Media
Strong thunderstorm wind damaged a shed and blew down large tree limbs and power lines.				
WASHINGTON COUNTY --- 3.0 SW FARMINGTON [36.00, -94.29]				
	07/10/13 18:45 CST		10K	Thunderstorm Wind (EG 65 kt)
	07/10/13 18:45 CST		0	Source: Emergency Manager
Several homes were damaged by large limbs and trees that were blown down by strong thunderstorm winds. Many power lines and poles were also blown down.				
MADISON COUNTY --- DELANEY [35.85, -93.90]				
	07/10/13 18:50 CST		5K	Thunderstorm Wind (EG 70 kt)
	07/10/13 18:50 CST		0	Source: Law Enforcement
Numerous trees and power lines were blown down along Highway 16 by strong thunderstorm wind.				
Thunderstorms developed along and just south of a weak cold front across the region during the evening hours of the 10th. The stronger storms produced damaging wind gusts.				
MADISON COUNTY --- 3.0 SSW FORUM [36.14, -93.74]				
	07/22/13 00:48 CST		0	Thunderstorm Wind (EG 52 kt)
	07/22/13 00:48 CST		0	Source: Public
A few large tree limbs were blown down by strong thunderstorm wind.				
MADISON COUNTY --- 4.0 NW HUNTSVILLE [36.12, -93.78]				
	07/22/13 01:25 CST		0	Thunderstorm Wind (EG 52 kt)
	07/22/13 01:25 CST		0	Source: Public
Large tree limbs were blown down by strong thunderstorm wind.				
Thunderstorms developed along and north of a weak surface boundary that was across northwestern Arkansas. Much of this activity remained below severe limits. However, a couple storms did briefly become severe, producing damaging winds.				
FRANKLIN COUNTY --- 1.5 NNE FERN [35.64, -94.02]				
	07/23/13 13:52 CST		0	Hail (0.88 in)
	07/23/13 13:52 CST		0	Source: Public
BENTON COUNTY --- 0.8 E ROGERS MUNI ARPT [36.37, -94.11]				
	07/23/13 21:17 CST		0	Thunderstorm Wind (MG 51 kt)
	07/23/13 21:17 CST		0	Source: AWOS
The AWOS unit at the Rogers Municipal Airport measured 59 mph thunderstorm wind gusts.				
BENTON COUNTY --- 0.7 SSE PEA RIDGE [36.44, -94.12]				
	07/23/13 21:56 CST		0	Thunderstorm Wind (EG 65 kt)
	07/23/13 21:56 CST		0	Source: Public
Strong thunderstorm wind blew down a large tree.				
BENTON COUNTY --- 1.9 NE BENTONVILLE [36.39, -94.20]				
	07/24/13 04:00 CST		0.20M	Lightning
	07/24/13 04:00 CST		0	Source: Broadcast Media
Lightning struck a home, resulting in a fire that destroyed it and damaged the adjacent house.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Scattered thunderstorms developed over northwestern and west central Arkansas during the late afternoon hours of the 23rd. These storms persisted over the region well into the early morning hours of the 24th. The strongest storms produced strong outflow wind. Lightning from these storms also caused a structural fire in Bentonville.

WASHINGTON COUNTY --- 0.4 NNW JOHNSON [36.14, -94.17], 0.2 SSE JOHNSON [36.13, -94.17], 1.1 E JOHNSON [36.13, -94.15], 1.1 NE JOHNSON [36.14, -94.16]

07/31/13 01:30 CST	0.20M	Flash Flood (due to Heavy Rain)
07/31/13 05:00 CST	0	Source: Emergency Manager

Locally heavy rainfall resulted in small creeks coming out of their banks and flooding a nursing home, from which 20 people were evacuated. A dozen homes were also flooded along with vehicles and portions of Hewitt Road, Ball Street, Wilkerson Road, and Main Drive. Construction in this portion of Johnson may have been a factor in the flooding.

A band of showers and thunderstorms developed across south central Benton and northern Washington Counties during the early morning hours of the 31st. The persistent nature of this band resulted in locally heavy rainfall of two to four inches near Johnson, where flooding of homes, businesses, and streets occurred.

OKLAHOMA, Eastern

TULSA COUNTY --- 1.4 WSW GARNETT [36.16, -95.85]

07/04/13 17:12 CST	0	Hail (0.88 in)
07/04/13 17:12 CST	0	Source: Public

TULSA COUNTY --- 1.6 NE ALSUMA [36.12, -95.85]

07/04/13 17:18 CST	0	Hail (1.00 in)
07/04/13 17:18 CST	0	Source: Public

TULSA COUNTY --- 1.1 WNW TULSA YOUNG ARPT [36.13, -95.84]

07/04/13 17:20 CST	20K	Hail (1.75 in)
07/04/13 17:20 CST	0	Source: Public

TULSA COUNTY --- 2.1 ESE DAWSON [36.16, -95.87]

07/04/13 17:20 CST	20K	Hail (1.75 in)
07/04/13 17:20 CST	0	Source: Public

TULSA COUNTY --- 2.3 SW GARNETT [36.15, -95.86]

07/04/13 17:25 CST	0	Hail (0.88 in)
07/04/13 17:25 CST	0	Source: NWS Employee

TULSA COUNTY --- 1.8 ESE DAWSON [36.16, -95.87]

07/04/13 17:26 CST	0	Hail (1.00 in)
07/04/13 17:26 CST	0	Source: Public

TULSA COUNTY --- 1.7 SSE (TUL)TULSA INTL ARPT [36.18, -95.87]

07/04/13 17:30 CST	25K	Hail (1.75 in)
07/04/13 17:30 CST	0	Source: Public

TULSA COUNTY --- 1.9 SSW TULSA YOUNG ARPT [36.10, -95.83]

07/04/13 17:30 CST	0	Hail (1.00 in)
07/04/13 17:30 CST	0	Source: Amateur Radio

TULSA COUNTY --- 1.9 WNW TULSA YOUNG ARPT [36.14, -95.85]

07/04/13 17:30 CST	0	Hail (1.00 in)
07/04/13 17:30 CST	0	Source: Public

Isolated thunderstorms developed over eastern Oklahoma during the late afternoon of the 4th. Several of these storms produced large hail.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(OK-Z060) TULSA				
	07/09/13 06:00 CST		0	Excessive Heat
	07/10/13 19:00 CST	5	0	
<p>High temperatures from 100 to 102 degrees combined with high humidity resulted in a period of excessive heat across Tulsa County with daytime heat index values of 105 to 110 degrees. Overnight temperatures remained in the upper 70s and 80s and therefore provided little relief from the heat. Emergency personnel responded to at least five heat-related issues in Tulsa during this period.</p>				
OKFUSKEE COUNTY --- 2.0 SE WELTY [35.60, -96.37]				
	07/10/13 14:35 CST		2K	Thunderstorm Wind (EG 75 kt)
	07/10/13 14:35 CST		0	Source: Emergency Manager
<p>Strong thunderstorm wind tore part of the roof off of a barn and snapped a couple pecan trees.</p>				
MUSKOGEE COUNTY --- 3.0 N COUNCIL HILL [35.59, -95.65]				
	07/10/13 14:40 CST		0	Thunderstorm Wind (EG 60 kt)
	07/10/13 14:40 CST		0	Source: Public
<p>Strong thunderstorm wind snapped large limbs from trees.</p>				
MUSKOGEE COUNTY --- 0.4 NNW COUNCIL HILL [35.56, -95.65]				
	07/10/13 14:45 CST		2K	Thunderstorm Wind (EG 60 kt)
	07/10/13 14:45 CST		0	Source: Broadcast Media
<p>Strong thunderstorm wind damaged the roof of a home and snapped large tree limbs.</p>				
MUSKOGEE COUNTY --- 2.0 NE COUNCIL HILL [35.57, -95.62]				
	07/10/13 14:45 CST		25K	Thunderstorm Wind (EG 70 kt)
	07/10/13 14:45 CST		0	Source: Emergency Manager
<p>Strong thunderstorm wind destroyed a mobile home and a barn and removed part of a metal roof from a permanent home.</p>				
MCINTOSH COUNTY --- 1.3 WSW RICHARDSVILLE [35.47, -95.70]				
	07/10/13 15:00 CST		0	Thunderstorm Wind (EG 52 kt)
	07/10/13 15:00 CST		0	Source: Public
<p>Strong thunderstorm wind snapped large tree limbs.</p>				
MCINTOSH COUNTY --- 3.0 S PIERCE [35.39, -95.72]				
	07/10/13 15:15 CST		0	Thunderstorm Wind (EG 65 kt)
	07/10/13 15:15 CST		0	Source: Law Enforcement
<p>Strong thunderstorm wind blew down an oak tree and snapped large tree limbs.</p>				
OKFUSKEE COUNTY --- 7.0 W OKEMAH [35.43, -96.42]				
	07/10/13 15:30 CST		20K	Thunderstorm Wind (EG 70 kt)
	07/10/13 15:30 CST		0	Source: Trained Spotter
<p>Strong thunderstorm wind blew down several large trees and destroyed a greenhouse.</p>				
<p>Thunderstorms developed along and south of a weak cold front that was across the region during the afternoon of the 10th. The stronger storms produced damaging wind.</p>				
OKFUSKEE COUNTY --- 3.0 S WELTY [35.58, -96.40]				
	07/11/13 17:00 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/11/13 17:00 CST		0	Source: Emergency Manager
<p>Strong thunderstorm wind damaged two barns and snapped large tree limbs.</p>				
<p>Thunderstorms developed along a weak frontal boundary over eastern Oklahoma on the 11th. Most of this activity remained below severe limits but one storm did produce damaging wind gusts.</p>				
PITTSBURG COUNTY --- 6.0 N MC ALESTER [35.02, -95.77]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/14/13 16:34 CST		0	Hail (1.00 in)
	07/14/13 16:34 CST		0	Source: Emergency Manager
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TULSA COUNTY --- 1.0 W OWASSO [36.27, -95.87]				
	07/14/13 16:45 CST		0	Hail (1.00 in)
	07/14/13 16:45 CST		0	Source: Trained Spotter
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PITTSBURG COUNTY --- 3.8 WSW MC ALESTER SANDERS F [35.05, -95.88]				
	07/14/13 16:55 CST		0	Hail (1.00 in)
	07/14/13 16:55 CST		0	Source: Public
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PITTSBURG COUNTY --- 1.0 S SCIPIO [35.04, -95.97]				
	07/14/13 17:00 CST		0	Hail (0.88 in)
	07/14/13 17:00 CST		0	Source: COOP Observer
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PITTSBURG COUNTY --- 1.0 S SCIPIO [35.04, -95.97]				
	07/14/13 17:00 CST		0	Thunderstorm Wind (EG 52 kt)
	07/14/13 17:00 CST		0	Source: COOP Observer
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Strong thunderstorm wind snapped large tree limbs.				
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PITTSBURG COUNTY --- SCIPIO [35.05, -95.97]				
	07/14/13 17:07 CST		0	Hail (1.00 in)
	07/14/13 17:07 CST		0	Source: Emergency Manager
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PITTSBURG COUNTY --- MC ALESTER [34.93, -95.77]				
	07/14/13 17:45 CST		0	Thunderstorm Wind (EG 52 kt)
	07/14/13 17:45 CST		0	Source: Emergency Manager
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Strong thunderstorm wind snapped large tree limbs.				
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Thunderstorms developed during the afternoon hours of the 14th along weak surface boundaries that were in place across the area. Large hail and damaging winds occurred with the stronger storms.				
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WASHINGTON COUNTY --- VERA [36.45, -95.88]				
	07/16/13 16:40 CST		15K	Thunderstorm Wind (EG 61 kt)
	07/16/13 16:40 CST		0	Source: Emergency Manager
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Strong thunderstorm wind damaged the roof of a fire station, blew down power lines, and damaged trees.				
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Thunderstorms developed during the early evening hours of the 16th across eastern Oklahoma. Most of this activity remained below severe limits but one storm produced damaging wind in Washington County.				
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OSAGE COUNTY --- BARNSDALL [36.57, -96.17], 0.6 ENE BARNSDALL [36.57, -96.16], 1.4 SE BARNSDALL [36.56, -96.15], 1.1 S BARNSDALL [36.55, -96.17]				
	07/21/13 05:30 CST		0	Flash Flood (due to Heavy Rain)
	07/21/13 07:30 CST		0	Source: Broadcast Media
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Several roads in and around town were flooded and were impassable. One vehicle stalled in two to three feet of water.				
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OSAGE COUNTY --- 84.0 WNW CHEWEY [36.56, -96.17], 84.1 WNW CHEWEY [36.56, -96.17], 83.4 WNW CHEWEY [36.57, -96.15], 83.1 WNW CHEWEY [36.56, -96.15]				
	07/21/13 08:35 CST		0	Flash Flood (due to Heavy Rain)
	07/21/13 10:30 CST		0	Source: Law Enforcement
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A few city streets were flooded and were impassable.				
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A stationary front across southern Kansas in combination with a passing upper level disturbance resulted in widespread showers and thunderstorms over northeastern Oklahoma. Heavy rainfall was observed across the area, resulting in some flash flooding.				
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WAGONER COUNTY --- 3.4 E COWETA [35.95, -95.59]				

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	07/22/13 13:30 CST		0	Thunderstorm Wind (MG 50 kt)
	07/22/13 13:30 CST		0	Source: Trained Spotter
A storm spotter measured 58 mph thunderstorm wind gusts on the Muskogee Turnpike at the Coweta exit.				
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TULSA COUNTY --- 3.9 SSE BROKEN ARROW ARPK [36.00, -95.83]				
	07/22/13 14:00 CST		0	Hail (0.88 in)
	07/22/13 14:00 CST		0	Source: Public
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MUSKOGEE COUNTY --- 4.0 W FT GIBSON [35.80, -95.32]				
	07/22/13 14:34 CST		0	Hail (1.00 in)
	07/22/13 14:34 CST		0	Source: Storm Chaser
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MUSKOGEE COUNTY --- 1.4 N MUSKOGEE [35.77, -95.37]				
	07/22/13 14:37 CST		0	Hail (0.88 in)
	07/22/13 14:37 CST		0	Source: Public
Widespread showers and thunderstorms developed along and north of a weak frontal boundary that was in place across northeastern Oklahoma during the afternoon of the 22nd. The strongest storms produced damaging wind and large hail.				
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CHOCTAW COUNTY --- 2.0 SE BOSWELL [34.01, -95.85]				
	07/23/13 15:15 CST		0	Hail (1.50 in)
	07/23/13 15:15 CST		0	Source: Public
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CHOCTAW COUNTY --- 1.8 WNW FALLON [34.01, -95.45]				
	07/23/13 16:05 CST		0	Hail (1.00 in)
	07/23/13 16:05 CST		0	Source: Public
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CRAIG COUNTY --- 2.0 W CENTRALIA [36.80, -95.39]				
	07/23/13 16:20 CST		0	Thunderstorm Wind (EG 52 kt)
	07/23/13 16:20 CST		0	Source: Public
Thunderstorm wind gusts were estimated to 60 mph.				
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ADAIR COUNTY --- 1.0 W PROCTOR [35.97, -94.80]				
	07/23/13 20:15 CST		0	Thunderstorm Wind (EG 65 kt)
	07/23/13 20:15 CST		0	Source: County Official
Strong thunderstorm wind blew down a tree and snapped numerous large tree limbs.				
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OSAGE COUNTY --- 3.1 NNE PEARSONIA [36.84, -96.43]				
	07/23/13 21:50 CST		0	Thunderstorm Wind (MG 57 kt)
	07/23/13 21:50 CST		0	Source: Mesonet
The Oklahoma Mesonet station near Foraker measured 66 mph thunderstorm wind gusts.				
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OSAGE COUNTY --- 6.8 SW BURBANK [36.63, -96.81]				
	07/23/13 21:50 CST		0	Thunderstorm Wind (MG 50 kt)
	07/23/13 21:50 CST		0	Source: Mesonet
The Oklahoma Mesonet station near Burbank measured 58 mph thunderstorm wind gusts.				
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WASHINGTON COUNTY --- 1.3 E BARTLESVILLE [36.75, -95.98]				
	07/23/13 21:50 CST		0	Thunderstorm Wind (EG 52 kt)
	07/23/13 21:50 CST		0	Source: Public
Strong thunderstorm wind snapped large tree limbs.				
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OSAGE COUNTY --- 6.8 SW BURBANK [36.63, -96.81]				
	07/23/13 21:54 CST		0	Thunderstorm Wind (MG 63 kt)
	07/23/13 21:54 CST		0	Source: Mesonet

Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The Oklahoma Mesonet station near Burbank measured 73 mph thunderstorm wind gusts.				
OSAGE COUNTY --- 2.3 SSW WYNONA [36.52, -96.34]				
	07/23/13 22:04 CST		0	Thunderstorm Wind (MG 57 kt)
	07/23/13 22:04 CST		0	Source: Mesonet
The Oklahoma Mesonet station near Wynona measured 66 mph thunderstorm wind gusts.				
TULSA COUNTY --- SKIATOOK [36.37, -96.00]				
	07/23/13 22:25 CST		10K	Thunderstorm Wind (EG 56 kt)
	07/23/13 22:25 CST		0	Source: Public
Strong thunderstorm wind damaged the roof and awning of a restaurant. Power lines were blown down resulting in power outages.				
OSAGE COUNTY --- 2.2 NW SAND SPGS [36.17, -96.15]				
	07/23/13 22:30 CST		10K	Thunderstorm Wind (EG 70 kt)
	07/23/13 22:30 CST		0	Source: Public
Strong thunderstorm wind blew down a couple trees and snapped numerous large tree limbs. Power lines were blown down resulting in power outages.				
TULSA COUNTY --- 3.0 SSE SPERRY [36.26, -95.98]				
	07/23/13 22:34 CST		0	Thunderstorm Wind (EG 52 kt)
	07/23/13 22:34 CST		0	Source: Trained Spotter
Strong thunderstorm wind snapped large tree limbs.				
CREEK COUNTY --- 1.7 E NEW MANNFORD [36.13, -96.32]				
	07/23/13 22:40 CST		0	Thunderstorm Wind (EG 70 kt)
	07/23/13 22:40 CST		0	Source: Public
Strong thunderstorm wind uprooted several trees near Lake Keystone.				
ROGERS COUNTY --- 6.2 WNW VERDIGRIS [36.27, -95.78]				
	07/23/13 22:40 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/23/13 22:40 CST		0	Source: NWS Employee
Strong thunderstorm wind blew down numerous large tree limbs and power lines.				
TULSA COUNTY --- 1.3 ESE BOZARTH [36.07, -96.00]				
	07/23/13 22:40 CST		10K	Thunderstorm Wind (EG 70 kt)
	07/23/13 22:40 CST		0	Source: Broadcast Media
Thunderstorm winds were estimated to 80 mph by broadcast media at Lookout Mountain. Large tree limbs and power lines were blown down resulting in power outages.				
TULSA COUNTY --- 2.8 NW DAWSON [36.20, -95.94]				
	07/23/13 22:40 CST		0	Thunderstorm Wind (MG 62 kt)
	07/23/13 22:40 CST		0	Source: Mesonet
The Oklahoma Mesonet station in north Tulsa measured 71 mph thunderstorm wind gusts.				
TULSA COUNTY --- TULSA [36.15, -95.95]				
	07/23/13 22:40 CST		0.25M	Lightning
	07/23/13 22:40 CST		0	Source: Newspaper
Lightning struck a day care center, resulting in a fire that destroyed it.				
TULSA COUNTY --- (TUL)TULSA INTL ARPT [36.20, -95.88]				
	07/23/13 22:42 CST		0	Thunderstorm Wind (MG 66 kt)
	07/23/13 22:42 CST		0	Source: ASOS
The ASOS system at the Tulsa International Airport measured 76 mph thunderstorm wind gusts.				

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TULSA COUNTY --- 2.2 S JENKS [35.99, -95.98]				
	07/23/13 22:43 CST		0	Thunderstorm Wind (MG 52 kt)
	07/23/13 22:43 CST		0	Source: Amateur Radio
Thunderstorm wind gusts to 60 mph were measured at 121st Street South and Peoria Avenue.				
CREEK COUNTY --- SAPULPA [36.00, -96.10]				
	07/23/13 22:45 CST		75K	Thunderstorm Wind (EG 65 kt)
	07/23/13 22:45 CST		0	Source: Public
Strong thunderstorm wind snapped large tree limbs. Many power lines and poles were blown down resulting in widespread power outages.				
ROGERS COUNTY --- 5.6 NNW CATOOSA [36.25, -95.80]				
	07/23/13 22:45 CST		0	Thunderstorm Wind (EG 56 kt)
	07/23/13 22:45 CST		0	Source: NWS Employee
Strong thunderstorm wind snapped numerous large tree limbs in the Cornerstone West subdivision.				
TULSA COUNTY --- 0.4 SSW OWASSO [36.26, -95.85]				
	07/23/13 22:45 CST		10K	Thunderstorm Wind (EG 56 kt)
	07/23/13 22:45 CST		0	Source: NWS Storm Survey
Strong thunderstorm wind snapped large limbs off several hardwood trees. Power lines were blown down resulting in power outages.				
TULSA COUNTY --- 1.6 ENE RED FORK [36.11, -96.00]				
	07/23/13 22:45 CST		50K	Thunderstorm Wind (MG 79 kt)
	07/23/13 22:45 CST		0	Source: Public
A home weather station in west Tulsa measured thunderstorm wind gusts to 91 mph. Widespread damage to trees and power lines occurred in this area, which resulted in widespread power outages.				
TULSA COUNTY --- 3.0 W TULSA [36.15, -96.00]				
	07/23/13 22:45 CST		0	Thunderstorm Wind (EG 61 kt)
	07/23/13 22:45 CST		0	Source: Public
Strong thunderstorm wind was estimated to 70 mph in west Tulsa.				
TULSA COUNTY --- TULSA [36.15, -95.95]				
	07/23/13 22:45 CST		0.25M	Lightning
	07/23/13 22:45 CST		0	Source: Newspaper
Lightning struck the Union 8th Grade Center, igniting a fire that severely damaged the roof of the building.				
TULSA COUNTY --- TULSA [36.15, -95.95]				
	07/23/13 22:45 CST		25K	Lightning
	07/23/13 22:45 CST		0	Source: Newspaper
Lightning struck a hotel, resulting in a fire that damaged the structure.				
TULSA COUNTY --- TULSA [36.15, -95.95]				
	07/23/13 22:45 CST		25K	Thunderstorm Wind (EG 65 kt)
	07/23/13 22:45 CST		0	Source: Public
Strong thunderstorm wind damaged the roof of a home and blew down trees, one of which fell onto a home. Power lines were blown down resulting in power outages.				
ROGERS COUNTY --- 2.1 WSW CLAREMORE [36.31, -95.64]				
	07/23/13 22:50 CST		0	Thunderstorm Wind (EG 52 kt)
	07/23/13 22:50 CST		0	Source: Public
Strong thunderstorm wind snapped several large tree limbs at the Heritage Hills Golf Course.				

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TULSA COUNTY --- 3.0 NE JENKS [36.05, -95.93]				
	07/23/13 22:50 CST		0.15M	Lightning
	07/23/13 22:50 CST		0	Source: Newspaper
Lightning struck a house, resulting in a fire that severely damaged it.				
TULSA COUNTY --- BROKEN ARROW [36.05, -95.78]				
	07/23/13 22:50 CST		50K	Lightning
	07/23/13 22:50 CST		0	Source: Newspaper
A home was struck by lightning, resulting in a fire that damaged it.				
WAGONER COUNTY --- 3.0 NNE KADASHAN [35.96, -95.73]				
	07/23/13 22:59 CST		25K	Thunderstorm Wind (EG 65 kt)
	07/23/13 22:59 CST		0	Source: Emergency Manager
Strong thunderstorm wind snapped numerous trees, damaged roofs of homes, and snapped at least nine power poles.				
TULSA COUNTY --- 1.7 SSE DAWSON [36.15, -95.89]				
	07/23/13 23:00 CST		0	Thunderstorm Wind (EG 56 kt)
	07/23/13 23:00 CST		0	Source: Public
Strong thunderstorm wind snapped large tree limbs.				
OKMULGEE COUNTY --- 4.7 W HECTOR [35.84, -96.00]				
	07/23/13 23:04 CST		0	Thunderstorm Wind (MG 57 kt)
	07/23/13 23:04 CST		0	Source: Mesonet
The Oklahoma Mesonet station near Hectorville measured 66 mph thunderstorm wind gusts.				
WAGONER COUNTY --- 2.9 WSW LA BARGE [35.96, -95.42], 3.2 S LA BARGE [35.93, -95.37]				
	07/23/13 23:06 CST		0.18M	Tornado (EF1, L: 3.50 mi , W: 850 yd)
	07/23/13 23:12 CST		0	Source: NWS Storm Survey
This tornado damaged a metal building, destroyed barns and outbuildings, destroyed portions of two storage units, damaged the roofs and siding of dozens of homes and businesses, uprooted trees, and blew down power poles. Based on this damage, maximum estimated wind in the tornado was 90 to 100 mph.				
OTTAWA COUNTY --- 0.9 SW MIAMI ARPT [36.89, -94.89], 1.0 SE MIAMI ARPT [36.89, -94.87], 1.8 SSE MIAMI [36.86, -94.87], 0.9 SW MIAMI [36.87, -94.89]				
	07/23/13 23:10 CST		0	Flash Flood (due to Heavy Rain)
	07/24/13 01:00 CST		0	Source: Emergency Manager
Locally heavy rainfall resulted in widespread flooding in and around Miami. Several streets were impassable.				
WAGONER COUNTY --- 1.5 SSE LA BARGE [35.96, -95.37]				
	07/23/13 23:11 CST		10K	Thunderstorm Wind (EG 61 kt)
	07/23/13 23:11 CST		0	Source: Public
Strong thunderstorm wind overturned an outbuilding, removed a section of metal roof from a shop, and severely damaged a metal storage building.				
WAGONER COUNTY --- 3.3 WSW YONKERS [36.03, -95.32]				
	07/23/13 23:15 CST		10K	Thunderstorm Wind (EG 70 kt)
	07/23/13 23:15 CST		0	Source: Public
Strong thunderstorm wind blew down trees. One fell onto a mobile home in the White Horn Cove area.				
MUSKOGEE COUNTY --- MUSKOGEE [35.75, -95.37]				
	07/23/13 23:24 CST		25K	Thunderstorm Wind (EG 70 kt)
	07/23/13 23:24 CST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Strong thunderstorm wind blew down several trees and power lines.				
SEQUOYAH COUNTY --- 0.2 ESE GORE [35.53, -95.12]				
	07/23/13 23:45 CST		5K	Thunderstorm Wind (EG 61 kt)
	07/23/13 23:45 CST		0	Source: Utility Company
Strong thunderstorm wind blew down several power poles.				
MCINTOSH COUNTY --- 0.5 NNW EUFAULA [35.29, -95.58]				
	07/23/13 23:52 CST		25K	Thunderstorm Wind (MG 67 kt)
	07/23/13 23:52 CST		0	Source: Emergency Manager
Thunderstorm wind gusts were measured to 77 mph at the courthouse in Eufaula. Trees and power lines were blown down.				
PAWNEE COUNTY --- PAWNEE [36.33, -96.80]				
	07/23/13 23:52 CST		0	Thunderstorm Wind (EG 56 kt)
	07/23/13 23:52 CST		0	Source: Law Enforcement
Strong thunderstorm wind blew down several large tree limbs.				
MUSKOGEE COUNTY --- 1.0 SSE PORUM [35.36, -95.27]				
	07/23/13 23:55 CST		10K	Thunderstorm Wind (EG 70 kt)
	07/23/13 23:55 CST		0	Source: Utility Company
Strong thunderstorm wind blew down numerous trees and power poles in and around Porum.				
MUSKOGEE COUNTY --- 1.2 WSW WEBBERS FALLS [35.51, -95.15]				
	07/23/13 23:55 CST		0	Thunderstorm Wind (EG 70 kt)
	07/23/13 23:55 CST		0	Source: Public
Strong thunderstorm wind blew down numerous trees.				
MUSKOGEE COUNTY --- 1.0 SSE PORUM [35.36, -95.26]				
	07/23/13 23:56 CST		15K	Thunderstorm Wind (EG 65 kt)
	07/23/13 23:56 CST		0	Source: Public
Strong thunderstorm wind blew down numerous trees and severely damaged small outbuildings.				
CHEROKEE COUNTY --- 5.0 E PEGGS [36.08, -95.01], 3.4 WNW MOODYS [36.05, -95.01], 4.2 ESE PEGGS [36.05, -95.04], 3.7 E PEGGS [36.08, -95.03]				
	07/24/13 00:00 CST		0	Flash Flood (due to Heavy Rain)
	07/24/13 06:00 CST		0	Source: Post Office
Portions of Highway 82 were flooded and impassable due to locally heavy rainfall.				
PITTSBURG COUNTY --- 1.9 NNW BOWLER [35.24, -95.51]				
	07/24/13 00:00 CST		2K	Thunderstorm Wind (EG 65 kt)
	07/24/13 00:00 CST		0	Source: Public
Strong thunderstorm wind blew portions of a roof off of a porch in Longtown.				
HASKELL COUNTY --- 0.3 W TAMAHA [35.40, -94.98], 0.2 SE TAMAHA [35.40, -94.98], 0.5 SSW TAMAHA [35.39, -94.98], 0.5 SW TAMAHA [35.40, -94.99]				
	07/24/13 00:05 CST		0	Flash Flood (due to Heavy Rain)
	07/24/13 06:00 CST		0	Source: Utility Company
Locally heavy rainfall resulted in extensive flooding in and around town with several roads closed and impassable.				
SEQUOYAH COUNTY --- 0.3 NW VIAN [35.50, -94.97], 0.5 E VIAN [35.50, -94.96], 0.8 SSE VIAN [35.49, -94.96], 0.7 SW VIAN [35.49, -94.98]				
	07/24/13 00:15 CST		0	Flash Flood (due to Heavy Rain)
	07/24/13 06:00 CST		0	Source: Law Enforcement
Many rural roads and some streets were flooded and impassable.				

Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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CHEROKEE COUNTY --- 0.9 NNW TAHLEQUAH [35.93, -94.98], 1.5 NNE TAHLEQUAH [35.94, -94.96], 1.9 SE TAHLEQUAH [35.90, -94.95], 1.5 SSW TAHLEQUAH [35.90, -94.98]

07/24/13 00:33 CST	0	Flash Flood (due to Heavy Rain)
07/24/13 06:00 CST	0	Source: Public

Several roads in and around town had significant flooding and were impassable.

LE FLORE COUNTY --- 1.0 NE SPIRO [35.24, -94.62]

07/24/13 00:40 CST	0	Thunderstorm Wind (EG 70 kt)
07/24/13 00:40 CST	0	Source: Broadcast Media

Strong thunderstorm wind blew down trees and numerous large tree limbs.

LE FLORE COUNTY -- POTEAU [35.05, -94.62]

07/24/13 00:50 CST	0	Thunderstorm Wind (EG 65 kt)
07/24/13 00:50 CST	0	Source: Public

Strong thunderstorm wind blew down a large tree.

PUSHMATAHA COUNTY --- 0.5 SE SNOW [34.40, -95.41]

07/24/13 01:25 CST	0	Thunderstorm Wind (EG 70 kt)
07/24/13 01:25 CST	0	Source: Post Office

Strong thunderstorm wind blew down several trees.

CHOCTAW COUNTY --- 0.9 SE HUGO [34.01, -95.51]

07/24/13 01:55 CST	20K	Thunderstorm Wind (EG 70 kt)
07/24/13 01:55 CST	0	Source: Emergency Manager

Strong thunderstorm wind blew down trees and power lines and snapped numerous limbs. A few structures had their roofs damaged by the wind.

Severe thunderstorms developed over central Kansas during the late afternoon of the 23rd. These storms moved southeast during the evening and into eastern Oklahoma during the late evening and overnight hours. High amounts of instability and considerable deep layer shear over eastern Oklahoma resulted in the development of a highly organized line of storms. Widespread damaging wind, a tornado, and some large hail resulted across eastern Oklahoma as the line of thunderstorms moved through the region. At least 300,000 people were reportedly without power due to the storms in the area surrounding Tulsa. Some of these outages lasted for nearly a week. In addition, lightning from these storms resulted in a number of structural fires.

ADAIR COUNTY --- 37.1 NW CHEWEY [36.44, -95.29], 36.5 NW CHEWEY [36.44, -95.27], 36.1 NW CHEWEY [36.43, -95.27], 36.8 NW CHEWEY [36.43, -95.29]

07/26/13 14:03 CST	0	Flash Flood (due to Heavy Rain)
07/26/13 18:00 CST	0	Source: Emergency Manager

Highway 28 was closed west of Adair due to flooding. One vehicle was washed off the roadway by flood waters.

Widespread showers and thunderstorms developed near a stationary frontal boundary that was in place across northeastern Oklahoma. Locally heavy rainfall occurred with some of this activity, which resulted in localized flash flooding.