Deaths &

Property &

Event Type and Details

Date/Time

Location

		Injuries Crop Dmg		
ARKANSAS, Northwest				
,				
WASHINGTON COUNTY 4.0 WSW FARMIN				
	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 an	d blew down large tree limbs and	power lines.		
WASHINGTON COUNTY 3.0 SW FARMING	TON [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 a blown down.	and trees that were blown down b	y strong thunderstorm winds. Ma	ny power lines and poles were also	
MADISON COUNTY DELANEY [35.85, -93.9	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 d	own along Highway 16 by strong	thunderstorm wind.		
and the second period most not be blown a	same in the second second			
Thunderstorms developed along and just so stronger storms produced damaging wind g		the region during the evening h	ours of the 10th. The	
stronger storms produced damaging wind go	usts.			
MADISON COUNTY 3.0 SSW FORUM [36.1				
	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 stro	ong thunderstorm wind.			
	726 42 02 701			
VIADISON COUNTY 4.0 NW HUNTSVILLE I	130.1233.701			
MADISON COUNTY 4.0 NW HUNTSVILLE	07/22/13 01:25 CST	0	Thunderstorm Wind (EG 52 kt)	
MADISON COUNTY 4.0 NW HUNTSVILLE	=	0	Thunderstorm Wind (EG 52 kt) Source: Public	
	07/22/13 01:25 CST 07/22/13 01:25 CST		· · · · · ·	
MADISON COUNTY 4.0 NW HUNTSVILLE Large tree limbs were blown down by strong th	07/22/13 01:25 CST 07/22/13 01:25 CST		· · · · · ·	
	07/22/13 01:25 CST 07/22/13 01:25 CST nunderstorm wind.	0 was across northwestern Arka	Source: Public	
Large tree limbs were blown down by strong the Thunderstorms developed along and north or remained below severe limits. However, a co	07/22/13 01:25 CST 07/22/13 01:25 CST nunderstorm wind. of a weak surface boundary that suple storms did briefly become	0 was across northwestern Arka	Source: Public	
_arge tree limbs were blown down by strong th	07/22/13 01:25 CST 07/22/13 01:25 CST nunderstorm wind. of a weak surface boundary that suple storms did briefly become	0 was across northwestern Arka	Source: Public usas. Much of this activity unds.	
Large tree limbs were blown down by strong the Thunderstorms developed along and north or remained below severe limits. However, a co	07/22/13 01:25 CST 07/22/13 01:25 CST nunderstorm wind. of a weak surface boundary that suple storms did briefly become	0 was across northwestern Arka severe, producing damaging w	Source: Public	
Large tree limbs were blown down by strong the Thunderstorms developed along and north or remained below severe limits. However, a co	07/22/13 01:25 CST 07/22/13 01:25 CST nunderstorm wind. of a weak surface boundary that puple storms did briefly become storms did briefly become storms.	0 was across northwestern Arkai severe, producing damaging w	Source: Public asas. Much of this activity nds. Hail (0.88 in)	
Large tree limbs were blown down by strong the Thunderstorms developed along and north or remained below severe limits. However, a co	07/22/13 01:25 CST 07/22/13 01:25 CST nunderstorm wind. of a weak surface boundary that suple storms did briefly become , -94.02] 07/23/13 13:52 CST 07/23/13 13:52 CST	was across northwestern Arkan severe, producing damaging w 0 0	Source: Public asas. Much of this activity ands. Hail (0.88 in) Source: Public	
Large tree limbs were blown down by strong the Thunderstorms developed along and north of the Thunderstorms developed along and north of the Thunderstorms developed along and north of the Thunderstorms developed along and north of the Thunderstorms developed along and north of the Thunderstorms developed along	07/22/13 01:25 CST 07/22/13 01:25 CST 07/22/13 01:25 CST nunderstorm wind. of a weak surface boundary that ruple storms did briefly become storms did briefly brief	was across northwestern Arkai severe, producing damaging w 0 0	Source: Public sas. Much of this activity nds. Hail (0.88 in) Source: Public Thunderstorm Wind (MG 51 kt)	
Large tree limbs were blown down by strong the Thunderstorms developed along and north of the Thunderstorms developed along and north of the Thunderstorms developed along and north of the Thunderstorms developed along and north of the Thunderstorms developed along and north of the Thunderstorms developed along	07/22/13 01:25 CST 07/22/13 01:25 CST nunderstorm wind. of a weak surface boundary that suple storms did briefly become , -94.02] 07/23/13 13:52 CST 07/23/13 13:52 CST	was across northwestern Arkan severe, producing damaging w 0 0	Source: Public asas. Much of this activity ands. Hail (0.88 in) Source: Public	
Large tree limbs were blown down by strong the Thunderstorms developed along and north of the Thunderstorms developed along and north of the Thunderstorms developed along and north of the Thunderstorms developed along and north of the Thunderstorms developed along and north of the Thunderstorms developed along	07/22/13 01:25 CST 07/22/13 01:25 CST 07/22/13 01:25 CST nunderstorm wind. of a weak surface boundary that ruple storms did briefly become storms did briefly b	was across northwestern Arkai severe, producing damaging w 0 0 0	Source: Public sas. Much of this activity nds. Hail (0.88 in) Source: Public Thunderstorm Wind (MG 51 kt)	
Large tree limbs were blown down by strong the Thunderstorms developed along and north of remained below severe limits. However, a confirmation of the Thunderstorms developed along and north of remained below severe limits. However, a confirmation of the Thunderstorm of the Thunderstor	07/22/13 01:25 CST 07/22/13 01:25 CST 07/22/13 01:25 CST nunderstorm wind. of a weak surface boundary that ruple storms did briefly become surface of the storms of the s	was across northwestern Arkai severe, producing damaging w 0 0 0	Source: Public sas. Much of this activity nds. Hail (0.88 in) Source: Public Thunderstorm Wind (MG 51 kt)	
Large tree limbs were blown down by strong the Thunderstorms developed along and north of the Thunderstorms developed along and north of the Thunderstorms developed along the Thunderstorms d	07/22/13 01:25 CST 07/22/13 01:25 CST 07/22/13 01:25 CST nunderstorm wind. of a weak surface boundary that ruple storms did briefly become surface of the storms of the s	was across northwestern Arkai severe, producing damaging w 0 0 0	Source: Public sas. Much of this activity nds. Hail (0.88 in) Source: Public Thunderstorm Wind (MG 51 kt)	
Large tree limbs were blown down by strong the Thunderstorms developed along and north of remained below severe limits. However, a confirmation of the Thunderstorms developed along and north of remained below severe limits. However, a confirmation of the Thunderstorm of the Thunderstor	07/22/13 01:25 CST 07/22/13 01:25 CST 07/22/13 01:25 CST nunderstorm wind. of a weak surface boundary that ruple storms did briefly become surple storms did briefly	was across northwestern Arkansevere, producing damaging w 0 0 0 value of the control of the co	Source: Public sas. Much of this activity nds. Hail (0.88 in) Source: Public Thunderstorm Wind (MG 51 kt) Source: AWOS	
Large tree limbs were blown down by strong the Fhunderstorms developed along and north of remained below severe limits. However, a coefficient of the country 1.5 NNE FERN [35.64] BENTON COUNTY 0.8 E ROGERS MUNI Alone AWOS unit at the Rogers Municipal Airport BENTON COUNTY 0.7 SSE PEA RIDGE [36]	07/22/13 01:25 CST 07/22/13 01:25 CST 07/22/13 01:25 CST nunderstorm wind. of a weak surface boundary that ruple storms did briefly become surple storms did briefly	was across northwestern Arkansevere, producing damaging w 0 0 0 0 visit of the production of the pr	Source: Public Isas. Much of this activity Inds. Hail (0.88 in) Source: Public Thunderstorm Wind (MG 51 kt) Source: AWOS Thunderstorm Wind (EG 65 kt)	
Large tree limbs were blown down by strong the Thunderstorms developed along and north of remained below severe limits. However, a confrankLIN COUNTY 1.5 NNE FERN [35.64] BENTON COUNTY 0.8 E ROGERS MUNI AIT The AWOS unit at the Rogers Municipal Airport BENTON COUNTY 0.7 SSE PEA RIDGE [36] Strong thunderstorm wind blew down a large tree.	07/22/13 01:25 CST 07/22/13 01:25 CST 07/22/13 01:25 CST nunderstorm wind. of a weak surface boundary that reple storms did briefly become surple storms did briefly	was across northwestern Arkansevere, producing damaging w 0 0 0 0 visit of the production of the pr	Source: Public Isas. Much of this activity Inds. Hail (0.88 in) Source: Public Thunderstorm Wind (MG 51 kt) Source: AWOS Thunderstorm Wind (EG 65 kt)	
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Large tree limbs were blown down by strong the Thunderstorms developed along and north of remained below severe limits. However, a confrankLIN COUNTY 1.5 NNE FERN [35.64] BENTON COUNTY 0.8 E ROGERS MUNI AIT The AWOS unit at the Rogers Municipal Airport BENTON COUNTY 0.7 SSE PEA RIDGE [36] Strong thunderstorm wind blew down a large tree.	07/22/13 01:25 CST 07/22/13 01:25 CST 07/22/13 01:25 CST nunderstorm wind. of a weak surface boundary that reple storms did briefly become surple storms did briefly	was across northwestern Arkansevere, producing damaging w 0 0 0 0 visit of the production of the pr	Source: Public Isas. Much of this activity Inds. Hail (0.88 in) Source: Public Thunderstorm Wind (MG 51 kt) Source: AWOS Thunderstorm Wind (EG 65 kt)	

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Location	Date/Time	Deaths &	Property &	Event Type and Details
		Injurios	Cron Dma	

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. Constuction 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 persisent nature of this band resulted in locally heavy rainfall of two to four inches near Johnson, where flooding of homes, businesses, and streets occurred.

KLAHOMA, Eastern		
ULSA 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
ULSA 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
ULSA 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
ULSA 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
ULSA 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
ULSA 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
ULSA 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
ULSA 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
ULSA 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	
vith daytime heat index values of 1	degrees combined with high humidity re 105 to 110 degrees. Overnight temperatur Emergency personnel responded to at le	res remained in th	e upper 70s and 8	0s and therefore
OKFUSKEE COUNTY 2.0 SE WE	LTY [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
Strong thunderstorm wind tore part of	of the roof off of a barn and snapped a cou	ple pecan trees.		
MUSKOGEE COUNTY 3.0 N COL	JNCIL HILL [35.5995.65]			
	07/10/13 14:40 CST		0	Thunderstorm Wind (EG 60 kt)
	07/10/13 14:40 CST		0	Source: Public
Strong thunderstorm wind snapped I	arge limbs from trees.			
MUSKOGEE COUNTY 0.4 NNW (COUNCIL HILL [35.5695.65]			
	07/10/13 14:45 CST		2K	Thunderstorm Wind (EG 60 kt)
	07/10/13 14:45 CST		0	Source: Broadcast Media
Strong thunderstorm wind damaged	the roof of a home and snapped large tree	limbe		
Strong thunderstorm wind damaged	the root of a norme and shapped large free	: IIITIDS.		
MUSKOGEE COUNTY 2.0 NE CO			0514	T
	07/10/13 14:45 CST		25K	Thunderstorm Wind (EG 70 kt)
	07/10/13 14:45 CST		0	Source: Emergency Manager
Strong thunderstorm wind destroyed	a mobile home and a barn and removed p	part of a metal roof	from a permanent	home.
MCINTOSH COUNTY 1.3 WSW R	ICHARDSVILLE [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
Strong thunderstorm wind snapped I	arge tree limbs.			
MCINTOSH COUNTY 3.0 S PIER	CE [35.3995.72]			
	07/10/13 15:15 CST		0	Thunderstorm Wind (EG 65 kt)
	07/10/13 15:15 CST		0	Source: Law Enforcement
Strong thunderstorm wind blew dow	n an oak tree and snapped large tree limbs	S .		
OKFUSKEE COUNTY 7.0 W OKE	MAH 125 42 QC 421			
5.1. 5011EE 5001411 7.0 W ORE	07/10/13 15:30 CST		20K	Thunderstorm Wind (EG 70 kt)
	07/10/13 15:30 CST		0	Source: Trained Spotter
Strong thunderstorm wind blow down	n several large trees and destroyed a gree	nhouse		·
-				
Thunderstorms developed along a stronger storms produced damagi	nd south of a weak cold front that was ac ng wind.	cross the region d	uring the afternoo	n of the 10th. The
OKFUSKEE COUNTY 3.0 S WEL	TY [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
Strong thunderstorm wind damaged	two harns and snapped large tree limbs			

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severe limits but one storm did produce damaging wind gusts.

PITTSBURG COUNTY --- 6.0 N MC ALESTER [35.02, -95.77]

	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
TULSA COUNTY 1.0 W OWASSO [3	6.27, -95.87]			
	07/14/13 16:45 CST		0	Hail (1.00 in)
	07/14/13 16:45 CST		0	Source: Trained Spotter
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
TITTSBURG COUNTY 1.0 S SCIPIO				
	07/14/13 17:00 CST		0	Hail (0.88 in)
	07/14/13 17:00 CST		0	Source: COOP Observer
PITTSBURG COUNTY 1.0 S SCIPIO	-			
	07/14/13 17:00 CST		0	Thunderstorm Wind (EG 52 kt)
	07/14/13 17:00 CST		0	Source: COOP Observer
Strong thunderstorm wind snapped larg	ge tree limbs.			
PITTSBURG COUNTY SCIPIO [35.0	-			
	07/14/13 17:07 CST		0	Hail (1.00 in)
	07/14/13 17:07 CST		0	Source: Emergency Manager
PITTSBURG COUNTY MC ALESTER	R [34.93, -95.77]			
PITTSBURG COUNTY MC ALESTER	R [34.93, -95.77] 07/14/13 17:45 CST		0	Thunderstorm Wind (EG 52 kt)
PITTSBURG COUNTY MC ALESTEI			0	Thunderstorm Wind (EG 52 kt) Source: Emergency Manager
	07/14/13 17:45 CST 07/14/13 17:45 CST			
Strong thunderstorm wind snapped larg	07/14/13 17:45 CST 07/14/13 17:45 CST ge tree limbs. afternoon hours of the 14th along wea	ak surface bounda	0	Source: Emergency Manager
Strong thunderstorm wind snapped larg Fhunderstorms developed during the Large hail and damaging winds occur	07/14/13 17:45 CST 07/14/13 17:45 CST ge tree limbs. afternoon hours of the 14th along weared with the stronger storms.	ak surface bounda	0	Source: Emergency Manager
Strong thunderstorm wind snapped larg Thunderstorms developed during the Large hail and damaging winds occur	07/14/13 17:45 CST 07/14/13 17:45 CST ge tree limbs. afternoon hours of the 14th along weared with the stronger storms.	ak surface bounda	0	Source: Emergency Manager
Strong thunderstorm wind snapped larg Thunderstorms developed during the Large hail and damaging winds occur	07/14/13 17:45 CST 07/14/13 17:45 CST ge tree limbs. afternoon hours of the 14th along weared with the stronger storms.	ak surface bounda	0 aries that were in p	Source: Emergency Manager place across the area.
Strong thunderstorm wind snapped larg Thunderstorms developed during the Large hail and damaging winds occur WASHINGTON COUNTY VERA [36.	07/14/13 17:45 CST 07/14/13 17:45 CST ge tree limbs. afternoon hours of the 14th along weared with the stronger storms. 45, -95.88] 07/16/13 16:40 CST		0 aries that were in p 15K 0	Source: Emergency Manager place across the area. Thunderstorm Wind (EG 61 kt)
Strong thunderstorm wind snapped larg Thunderstorms developed during the Large hail and damaging winds occur WASHINGTON COUNTY VERA [36. Strong thunderstorm wind damaged the	07/14/13 17:45 CST 07/14/13 17:45 CST ge tree limbs. afternoon hours of the 14th along weared with the stronger storms. 45, -95.88] 07/16/13 16:40 CST 07/16/13 16:40 CST e roof of a fire station, blew down power early evening hours of the 16th across	lines, and damage s eastern Oklahor	0 aries that were in p 15K 0 ed trees.	Source: Emergency Manager place across the area. Thunderstorm Wind (EG 61 kt) Source: Emergency Manager
Strong thunderstorm wind snapped larg Thunderstorms developed during the Large hail and damaging winds occur WASHINGTON COUNTY VERA [36. Strong thunderstorm wind damaged the Thunderstorms developed during the severe limits but one storm produced	07/14/13 17:45 CST 07/14/13 17:45 CST ge tree limbs. afternoon hours of the 14th along weared with the stronger storms. 45, -95.88] 07/16/13 16:40 CST 07/16/13 16:40 CST eroof of a fire station, blew down power early evening hours of the 16th across damaging wind in Washington County	lines, and damage s eastern Oklahor y.	0 aries that were in p 15K 0 ed trees. ma. Most of this ac	Source: Emergency Manager place across the area. Thunderstorm Wind (EG 61 kt) Source: Emergency Manager ctivity remained below
Strong thunderstorm wind snapped larg Thunderstorms developed during the Large hail and damaging winds occur WASHINGTON COUNTY VERA [36.6] Strong thunderstorm wind damaged the Thunderstorms developed during the severe limits but one storm produced	07/14/13 17:45 CST 07/14/13 17:45 CST ge tree limbs. afternoon hours of the 14th along weared with the stronger storms. 45, -95.88] 07/16/13 16:40 CST 07/16/13 16:40 CST e roof of a fire station, blew down power early evening hours of the 16th across	lines, and damage s eastern Oklahor y.	0 aries that were in p 15K 0 ed trees. ma. Most of this ac	Source: Emergency Manager place across the area. Thunderstorm Wind (EG 61 kt) Source: Emergency Manager ctivity remained below
Strong thunderstorm wind snapped larg Thunderstorms developed during the Large hail and damaging winds occur WASHINGTON COUNTY VERA [36./	07/14/13 17:45 CST 07/14/13 17:45 CST ge tree limbs. afternoon hours of the 14th along weared with the stronger storms. 45, -95.88] 07/16/13 16:40 CST 07/16/13 16:40 CST eroof of a fire station, blew down power early evening hours of the 16th across damaging wind in Washington County	lines, and damage s eastern Oklahor y.	0 aries that were in p 15K 0 ed trees. ma. Most of this ac	Source: Emergency Manager place across the area. Thunderstorm Wind (EG 61 kt) Source: Emergency Manager ctivity remained below
Strong thunderstorm wind snapped larg Thunderstorms developed during the Large hail and damaging winds occur WASHINGTON COUNTY VERA [36./	07/14/13 17:45 CST 07/14/13 17:45 CST ge tree limbs. afternoon hours of the 14th along weared with the stronger storms. 45, -95.88] 07/16/13 16:40 CST 07/16/13 16:40 CST eroof of a fire station, blew down power early evening hours of the 16th across damaging wind in Washington County 57, -96.17], 0.6 ENE BARNSDALL [36.8]	lines, and damage s eastern Oklahor y.	0 aries that were in p 15K 0 ed trees. ma. Most of this ac	Source: Emergency Manager place across the area. Thunderstorm Wind (EG 61 kt) Source: Emergency Manager ctivity remained below 56, -96.15], 1.1 S BARNSDALL [36.55,
Strong thunderstorm wind snapped larg Thunderstorms developed during the Large hail and damaging winds occur WASHINGTON COUNTY VERA [36. Strong thunderstorm wind damaged the Thunderstorms developed during the severe limits but one storm produced DSAGE COUNTY BARNSDALL [36. 96.17]	07/14/13 17:45 CST 07/14/13 17:45 CST ge tree limbs. afternoon hours of the 14th along weared with the stronger storms. 45, -95.88] 07/16/13 16:40 CST 07/16/13 16:40 CST e roof of a fire station, blew down power damaging wind in Washington County 57, -96.17], 0.6 ENE BARNSDALL [36.6]	lines, and damage s eastern Oklahor y. 57, -96.16], 1.4 SE	0 aries that were in p 15K 0 ed trees. ma. Most of this ac BARNSDALL [36.4	Source: Emergency Manager place across the area. Thunderstorm Wind (EG 61 kt) Source: Emergency Manager ctivity remained below 56, -96.15], 1.1 S BARNSDALL [36.55, Flash Flood (due to Heavy Rain) Source: Broadcast Media
Strong thunderstorm wind snapped larg Thunderstorms developed during the Large hail and damaging winds occur WASHINGTON COUNTY VERA [36. Strong thunderstorm wind damaged the Thunderstorms developed during the severe limits but one storm produced OSAGE COUNTY BARNSDALL [3696.17] Several roads in and around town were	07/14/13 17:45 CST 07/14/13 17:45 CST ge tree limbs. afternoon hours of the 14th along weared with the stronger storms. 45, -95.88] 07/16/13 16:40 CST 07/16/13 16:40 CST eroof of a fire station, blew down power early evening hours of the 16th across damaging wind in Washington County 57, -96.17], 0.6 ENE BARNSDALL [36.8] 07/21/13 05:30 CST 07/21/13 07:30 CST	lines, and damages eastern Oklahory. 57, -96.16], 1.4 SE	15K 0 ed trees. BARNSDALL [36 0 0 to three feet of wat	Source: Emergency Manager place across the area. Thunderstorm Wind (EG 61 kt) Source: Emergency Manager ctivity remained below 56, -96.15], 1.1 S BARNSDALL [36.55, Flash Flood (due to Heavy Rain) Source: Broadcast Media
Large hail and damaging winds occur WASHINGTON COUNTY VERA [36. Strong thunderstorm wind damaged the Thunderstorms developed during the severe limits but one storm produced OSAGE COUNTY BARNSDALL [3696.17] Several roads in and around town were	07/14/13 17:45 CST 07/14/13 17:45 CST ge tree limbs. afternoon hours of the 14th along weared with the stronger storms. 45, -95.88] 07/16/13 16:40 CST 07/16/13 16:40 CST e roof of a fire station, blew down power early evening hours of the 16th across damaging wind in Washington County 57, -96.17], 0.6 ENE BARNSDALL [36.6.6.6.7/21/13 07:30 CST 07/21/13 07:30 CST	lines, and damages eastern Oklahory. 67, -96.16], 1.4 SE	15K 0 ed trees. BARNSDALL [36 0 0 to three feet of wat	Source: Emergency Manager place across the area. Thunderstorm Wind (EG 61 kt) Source: Emergency Manager ctivity remained below 56, -96.15], 1.1 S BARNSDALL [36.55, Flash Flood (due to Heavy Rain) Source: Broadcast Media

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.

WAGONER COUNTY --- 3.4 E COWETA [35.95, -95.59]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	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 thunc	derstorm wind gusts on the Muskogee	Turnpike at the Co	oweta exit.	
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
	07/22/13 14.00 CS1		U	Source. Fublic
MUSKOGEE COUNTY 4.0 W FT GIB				
	07/22/13 14:34 CST		0	Hail (1.00 in)
	07/22/13 14:34 CST		0	Source: Storm Chaser
MUSKOGEE COUNTY 1.4 N MUSKO	OGEE [35.7795.37]			
	07/22/13 14:37 CST		0	Hail (0.88 in)
	07/22/13 14:37 CST		0	Source: Public
Wid				
Widespread showers and thunderstorn Oklahoma during the afternoon of the			-	ace across northeastern
CHOCTAW COUNTY 2.0 SE BOSWE	ELL [34.01, -95.85]			
	07/23/13 15:15 CST		0	Hail (1.50 in)
	07/23/13 15:15 CST		0	Source: Public
CHOCTAW COUNTY 1.8 WNW FALL				
	07/23/13 16:05 CST		0	Hail (1.00 in)
	07/23/13 16:05 CST		0	Source: Public
ODAIO COUNTY O A W OFNEDALIA	raa aa aa aa			
CRAIG COUNTY 2.0 W CENTRALIA	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 estimate	ed to 60 mph.			
ADAID COUNTY 4 A W DDCCTOD IS	05.07.04.003			
ADAIR COUNTY 1.0 W PROCTOR [3	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	e limbs.		
OSAGE COUNTY 3.1 NNE PEARSO				
	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 Fo	oraker measured 66 mph thunderstorm	wind gusts.		
OSAGE COUNTY 6.8 SW BURBANK	K [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 Bu	irbank measured 58 mph thunderstorm	n wind gusts.		
WASHINGTON COUNTY 1.3 E BART	TLESVILLE [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 larg	e tree limbs.			
OSAGE COUNTY 6.8 SW BURBANK	(136.6396.81)			
COAGE COUNTY 0.0 SW BURBANK	07/23/13 21:54 CST		0	Thunderstorm Wind (MG 63 kt)
	07/23/13 21:54 CST		0	Source: Mesonet
			-	

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
he Oklahoma Mesonet station near Burbank m	easured 73 mph thunderstorm	wind gusts.		
DSAGE 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
he Oklahoma Mesonet station near Wynona m	easured 66 mph thunderstorm	wind gusts.		
ULSA 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	d awning of a restaurant. Powe	er lines were blown	down resulting in p	power outages.
DSAGE COUNTY 2.2 NW SAND SPGS [36.1				
	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 to	rees and snapped numerous la	arge tree limbs. Po	wer lines were blow	vn down resulting in power outages.
ULSA COUNTY 3.0 SSE SPERRY [36.26, -9	-			
	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 lin	nbs.			
REEK COUNTY 1.7 E NEW MANNFORD [3	6.13, -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 tree	s near Lake Keystone.			
ROGERS COUNTY 6.2 WNW VERDIGRIS [30				
	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 line	es.		
ULSA 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 power outages.	by broadcast media at Lookou	t Mountain. Large	ree limbs and pow	er lines were blown down resulting in
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 m	easured 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
ightning struck a day care center, resulting in a	fire that destroyed it.			
ULSA COUNTY (TUL)TULSA INTL ARPT [3	6.20, -95.88]			
TULSA COUNTY (TUL)TULSA INTL ARPT [3	6 6.20, -95.88] 07/23/13 22:42 CST		0	Thunderstorm Wind (MG 66 kt)

The ASOS system at the Tulsa International Airport measured 76 mph thunderstorm wind gusts.

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ULSA COUNTY 2.2 S JENKS [35.99, -95.98]				
	07/23/13 22:43 CST		0	Thunderstorm Wind (MG 52 kt) Source: Amateur Radio
	07/23/13 22:43 CST		0	Source: Amateur Radio
hunderstorm wind gusts to 60 mph were measo	ured at 121st Street South and	Peoria Avenue.		
REEK 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
trong thunderstorm wind snapped large tree lim		es were blown dow		
OGERS COUNTY 5.6 NNW CATOOSA [36.2	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
trong thunderstorm wind snapped numerous la		one West subdivision		Coaloo · · · · · · · · · · · · · · · · · ·
U 04 00UNTY	05.057			
ULSA 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 o	off several hardwood trees. Po	wer lines were blov	vn down resulting i	
ULSA COUNTY 1.6 ENE RED FORK [36.11,	96 001			
0L3A COUNTY 1.0 ENE RED FORK [30.11,	07/23/13 22:45 CST		50K	Thunderstorm Wind (MG 79 kt)
	07/23/13 22:45 CST		0	Source: Public
	thunderstorm wind gusts to 9	1 mph. Widespread	I damage to trees	and power lines occurred in this area,
which resulted in widespread power outages.	07/23/13 22:45 CST	1 mph. Widespread	0	Thunderstorm Wind (EG 61 kt)
hich resulted in widespread power outages.	1	1 mph. Widespread		
rhich resulted in widespread power outages. ULSA COUNTY 3.0 W TULSA [36.15, -96.00	07/23/13 22:45 CST 07/23/13 22:45 CST	1 mph. Widespread	0	Thunderstorm Wind (EG 61 kt)
which resulted in widespread power outages. ULSA COUNTY 3.0 W TULSA [36.15, -96.00 output country 3.0 with the c	07/23/13 22:45 CST 07/23/13 22:45 CST 07/23/13 22:45 CST nph in west Tulsa.	1 mph. Widespread	0	Thunderstorm Wind (EG 61 kt) Source: Public
which resulted in widespread power outages. ULSA COUNTY 3.0 W TULSA [36.15, -96.00 output country 3.0 with the c	07/23/13 22:45 CST 07/23/13 22:45 CST nph in west Tulsa. 07/23/13 22:45 CST	1 mph. Widespread	0	Thunderstorm Wind (EG 61 kt) Source: Public Lightning
which resulted in widespread power outages. ULSA COUNTY 3.0 W TULSA [36.15, -96.00 output country 3.0 with the strong thunderstorm wind was estimated to 70 numbers of the strong thunderstorm wind was estimated to 70 numbers output country TULSA [36.15, -95.95]	07/23/13 22:45 CST 07/23/13 22:45 CST nph in west Tulsa. 07/23/13 22:45 CST 07/23/13 22:45 CST		0 0 0	Thunderstorm Wind (EG 61 kt) Source: Public
which resulted in widespread power outages. ULSA COUNTY 3.0 W TULSA [36.15, -96.00 Strong thunderstorm wind was estimated to 70 n ULSA COUNTY TULSA [36.15, -95.95] ightning struck the Union 8th Grade Center, ign	07/23/13 22:45 CST 07/23/13 22:45 CST nph in west Tulsa. 07/23/13 22:45 CST 07/23/13 22:45 CST		0 0 0	Thunderstorm Wind (EG 61 kt) Source: Public Lightning
thich resulted in widespread power outages. ULSA COUNTY 3.0 W TULSA [36.15, -96.00] trong thunderstorm wind was estimated to 70 n ULSA COUNTY TULSA [36.15, -95.95]	07/23/13 22:45 CST 07/23/13 22:45 CST nph in west Tulsa. 07/23/13 22:45 CST 07/23/13 22:45 CST		0 0 0	Thunderstorm Wind (EG 61 kt) Source: Public Lightning
which resulted in widespread power outages. ULSA COUNTY 3.0 W TULSA [36.15, -96.00 Strong thunderstorm wind was estimated to 70 n ULSA COUNTY TULSA [36.15, -95.95] ightning struck the Union 8th Grade Center, ign	07/23/13 22:45 CST 07/23/13 22:45 CST nph in west Tulsa. 07/23/13 22:45 CST 07/23/13 22:45 CST		0 0 0.25M 0 building.	Thunderstorm Wind (EG 61 kt) Source: Public Lightning Source: Newspaper
hich resulted in widespread power outages. ULSA COUNTY 3.0 W TULSA [36.15, -96.00 trong thunderstorm wind was estimated to 70 n ULSA COUNTY TULSA [36.15, -95.95] ghtning struck the Union 8th Grade Center, ign	07/23/13 22:45 CST 07/23/13 22:45 CST nph in west Tulsa. 07/23/13 22:45 CST 07/23/13 22:45 CST iting a fire that severely damaged 07/23/13 22:45 CST 07/23/13 22:45 CST		0 0 0.25M 0 building.	Thunderstorm Wind (EG 61 kt) Source: Public Lightning Source: Newspaper Lightning
thich resulted in widespread power outages. ULSA COUNTY 3.0 W TULSA [36.15, -96.00] trong thunderstorm wind was estimated to 70 n ULSA COUNTY TULSA [36.15, -95.95] ightning struck the Union 8th Grade Center, ign ULSA COUNTY TULSA [36.15, -95.95]	07/23/13 22:45 CST 07/23/13 22:45 CST nph in west Tulsa. 07/23/13 22:45 CST 07/23/13 22:45 CST iting a fire that severely damaged 07/23/13 22:45 CST 07/23/13 22:45 CST		0 0 0.25M 0 building.	Thunderstorm Wind (EG 61 kt) Source: Public Lightning Source: Newspaper Lightning
TULSA COUNTY 3.0 W TULSA [36.15, -96.00 Bitrong thunderstorm wind was estimated to 70 new TULSA COUNTY TULSA [36.15, -95.95]	07/23/13 22:45 CST 07/23/13 22:45 CST nph in west Tulsa. 07/23/13 22:45 CST 07/23/13 22:45 CST iting a fire that severely damaged 07/23/13 22:45 CST 07/23/13 22:45 CST		0 0 0.25M 0 building.	Thunderstorm Wind (EG 61 kt) Source: Public Lightning Source: Newspaper Lightning
TULSA COUNTY 3.0 W TULSA [36.15, -96.00 Bitrong thunderstorm wind was estimated to 70 new TULSA COUNTY TULSA [36.15, -95.95]	07/23/13 22:45 CST 07/23/13 22:45 CST nph in west Tulsa. 07/23/13 22:45 CST 07/23/13 22:45 CST iting a fire that severely damaged 07/23/13 22:45 CST 07/23/13 22:45 CST		0 0 0.25M 0 building. 25K 0	Thunderstorm Wind (EG 61 kt) Source: Public Lightning Source: Newspaper Lightning Source: Newspaper
which resulted in widespread power outages. ULSA COUNTY 3.0 W TULSA [36.15, -96.00 strong thunderstorm wind was estimated to 70 n ULSA COUNTY TULSA [36.15, -95.95] ightning struck the Union 8th Grade Center, ign ULSA COUNTY TULSA [36.15, -95.95] ightning struck a hotel, resulting in a fire that da ULSA COUNTY TULSA [36.15, -95.95]	07/23/13 22:45 CST 07/23/13 22:45 CST nph in west Tulsa. 07/23/13 22:45 CST 07/23/13 22:45 CST iting a fire that severely damaged the structure. 07/23/13 22:45 CST nmaged the structure.	ged the roof of the	0 0 0.25M 0 building. 25K 0	Thunderstorm Wind (EG 61 kt) Source: Public Lightning Source: Newspaper Lightning Source: Newspaper Thunderstorm Wind (EG 65 kt) Source: Public
trong thunderstorm wind was estimated to 70 n ULSA COUNTY TULSA [36.15, -95.95] ightning struck the Union 8th Grade Center, ign ULSA COUNTY TULSA [36.15, -95.95] ightning struck a hotel, resulting in a fire that da ULSA COUNTY TULSA [36.15, -95.95] trong thunderstorm wind damaged the roof of a ower outages.	07/23/13 22:45 CST 07/23/13 22:45 CST nph in west Tulsa. 07/23/13 22:45 CST 07/23/13 22:45 CST iting a fire that severely damaged 07/23/13 22:45 CST 07/23/13 22:45 CST maged the structure. 07/23/13 22:45 CST 07/23/13 22:45 CST 07/23/13 22:45 CST 07/23/13 22:45 CST	ged the roof of the	0 0 0.25M 0 building. 25K 0	Thunderstorm Wind (EG 61 kt) Source: Public Lightning Source: Newspaper Lightning Source: Newspaper Thunderstorm Wind (EG 65 kt) Source: Public lines were blown down resulting in
A home weather station in west Tulsa measured which resulted in widespread power outages. FULSA COUNTY 3.0 W TULSA [36.15, -96.00 Strong thunderstorm wind was estimated to 70 n FULSA COUNTY TULSA [36.15, -95.95] Lightning struck the Union 8th Grade Center, ign FULSA COUNTY TULSA [36.15, -95.95] Lightning struck a hotel, resulting in a fire that da FULSA COUNTY TULSA [36.15, -95.95] Strong thunderstorm wind damaged the roof of a power outages. ROGERS COUNTY 2.1 WSW CLAREMORE [07/23/13 22:45 CST 07/23/13 22:45 CST nph in west Tulsa. 07/23/13 22:45 CST 07/23/13 22:45 CST iting a fire that severely damaged 07/23/13 22:45 CST 07/23/13 22:45 CST maged the structure. 07/23/13 22:45 CST 07/23/13 22:45 CST 07/23/13 22:45 CST	ged the roof of the	0 0 0.25M 0 building. 25K 0	Thunderstorm Wind (EG 61 kt) Source: Public Lightning Source: Newspaper Lightning Source: Newspaper Thunderstorm Wind (EG 65 kt) 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 JENNS [98.06, 45.81] O723/13 22.50 CST O723/13 23.00 CST O723/13	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
O7723/13/22/50 CST 0 Source: Newspaper FULSA COUNTY — BROKEN ARROW (36.05, -95.72) O7723/13/22/50 CST 5.0K Lightning O7723/13/22/50 CST 5.0K Source: Newspaper ***AGONER COUNTY — 3.0 NNE KADASHAN [36.96, -95.73] O7723/13/22/50 CST 2.5K Thunderstorm Wind (EG 65 kt) O7723/13/22/50 CST 5.0K Source: Emergency Manager ***O723/13/22/50 CST 0 Thunderstorm Wind (EG 65 kt) O7723/13/23/00 CST 0 Thunderstorm Wind (EG 66 kt) O7723/13/23/00 CST 0 Thunderstorm Wind (EG 66 kt) O7723/13/23/00 CST 0 Thunderstorm Wind (EG 66 kt) O7723/13/23/00 CST 0 Thunderstorm Wind (MO 57 kt) O7723/13/23/00 CST 0 Source: Public ***OKMULGEE COUNTY — 4.7 W HECTOR [38.84, -96.00] O7723/13/23/00 CST 0 Thunderstorm Wind (MO 57 kt) O7723/13/23/00 CST 0 Source: Mesonet ***OKAGONER COUNTY — 2.9 WSW LA BARGE [38.58, -96.42], 3.2 S LA BARGE [38.33, -98.37] O7723/13/23/00 CST 0 Source: Mesonet ***ORGONER COUNTY — 0.3 SW MIAMI ARPT [36.8, -94.89], 1.0 SE MIAMI ARPT [36.89, -94.87], 1.8 SSE MIAMI [36.85, -94.87], 0.9 SW MIAMI [36.87, -94.89] ***O7723/13/23/10 CST 0 Source: Mesonet ***O7723/13/23/10 CST 0 Source: Manager O7723/13/23/10 CST 0 Source: Public O7723/13/23/10 CST 0 Source:	TULSA COUNTY 3.0 NE JENKS [36.05,	-			
CILLS A COUNTY BROKEN ARROW [36.05, -96.79] O7723/13 22.50 CST O7723/13 23.50 CST O7723/13 23.00 CST O77					
TULSA COUNTY — BROKEN ARROW [\$6.95, 95.79] 07723/13 22.50 CST 07723/13 23.00 CST 07723/13 23.10 CST 07723/13 23.10 CST 07723/13 23.10 CST 07723/13 23.10 CST 07723/13 23.11 CST 07723/13		07/23/13 22:50 CST		0	Source: Newspaper
O723/13 22:90 CST 0 Source: Newspaper A home was struck by lightning, resulting in a fire that damaged it. WAGONER COUNTY — 3.0 NNE KADASHAN [38.96, -98.73] O723/13 22:95 CST 25K Thunderstorm Wind [EG 65 kt) O723/13 22:95 CST 0 Source: Emergency Manager Strong thunderstorm wind snapped numerous brees, damaged roofs of homes, and snapped at least nine power poles. FULISA COUNTY — 1.7 SSE DAWSON [36.15, 49.80] O723/13 23:00 CST 0 Thunderstorm Wind [EG 65 kt) O723/13 23:00 CST 0 Source: Public Strong thunderstorm wind snapped large tree limbs. CKMULGEE COUNTY — 4.7 W HECTOR [35.84, 46.60] O723/13 23:04 CST 0 Thunderstorm Wind (MG 57 kt) O723/13 23:04 CST 0 Source: Mesonet The Cklahoma Mesonet station near Hector-lille measured 66 mph thunderstorm wind gusts. WAGONER COUNTY — 2.9 WSW LA BARGE [35.96, -98.42], 3.2 S LA BARGE [35.93, -98.37] O723/13 23:12 CST 0 Source: NNS Storm Survey This tomade damaged a metal building, destroyed bornors of two storage units, damaged the roofs and siding of dozens of homes and businesses, uproted threes, and blew down power poles. Based on this damage, maximum estimated wind in the tornado was 90 to 100 phph. O723/13 23:10 CST 0 Fisah Flood (due to Heavy Rain) O723/13 23:11 CST 0 Source: Emergency Manager O723/13 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. VAGONER COUNTY — 1.5 SSE LA BARGE [35.96, -95.37] O723/13 23:15 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. VAGONER COUNTY — 3.3 WSW YONKER [56.03, 96.32] O723/13 23:15 CST 0 Source: Public	ightning struck a house, resulting in a fire	that severely damaged it.			
Nagoner County — 1,9 ms Handanger Industrial 22.50 CST 0 Source: Newspaper **Nagoner County — 3,0 NNE KADASHAN [35.86, -95.73] 07723/13 22.59 CST 2 SK Thunderstorm Wind (EG 65 kt) 07723/13 22.59 CST 0 Source: Emergency Manager **Strong thunderstorm wind snapped numerous trees, damaged roofs of homes, and snapped at least nine power poles.** **PULSA COUNTY — 1,7 SSE DAWSON [35.15, -98.89] 07723/13 22.30 CST 0 Thunderstorm Wind (EG 65 kt) 07723/13 22.30 CST 0 Source: Public **Strong thunderstorm wind snapped large tree limbs.** **PAGONER COUNTY — 4,7 W NECTOR [35.84, -96.90] 10723/13 23.00 CST 0 Thunderstorm Wind (MG 57 kt) 10723/13 23.00 CST 0 Source: Mesonet **PAGONER COUNTY — 2,9 WSW LA BARCE [35.96, -98.42], 3,2 S LA BARCE [35.93, -95.37] 10723/13 23.00 CST 0 Source: NWS Storm Survey **PAGONER COUNTY — 2,9 WSW LA BARCE [35.94, -98.42], 3,2 S LA BARCE [35.93, -95.37] 10723/13 23.10 CST 0 Source: NWS Storm Survey **PAGONER COUNTY — 0,9 SW MIAMI ARPT [36.89, -94.81], 1,0 SE MIAMI ARPT [36.89, -94.87], 1,8 SSE MIAMI [38.85, -44.87], 0,3 SW MIAMI [36.87, -44.91] **PAGONER COUNTY — 0,9 SW MIAMI ARPT [36.89, -94.87], 1,0 SSE MIAMI [38.85, -44.87], 0,3 SW MIAMI [36.87, -44.91] **PAGONER COUNTY — 1,5 SSE LA BARCE [35.98, -85.37] 10723/13 23.11 CST 0 Flash Flood (due to Heavy Rain) **PAGONER COUNTY — 1,5 SSE LA BARCE [35.98, -95.37] 10723/13 23.11 CST 0 Source: Public **PAGONER COUNTY — 1,5 SSE LA BARCE [35.98, -95.37] 10723/13 23.11 CST 0 Source: Public **PAGONER COUNTY — 1,5 SSE LA BARCE [35.98, -95.37] 10723/13 23.11 CST 0 Source: Public **PAGONER COUNTY — 1,5 SSE LA BARCE [35.98, -95.37] 10723/13 23.11 CST 0 Source: Public **PAGONER COUNTY — 3,3 WSW YONKER [36.93, -95.37] 10723/13 23.15 CST 0 Source: Public **PAGONER COUNTY — 3,3 WSW YONKER [36.93, -95.37] 10723/13 23.15 CST 0 Source: Public **PAGONER COUNTY — 3,3 WSW YONKER [36.93, -95.37] 10723/13 23.15 CST 0 Source: Public **PAGONER COUNTY — 3,3 WSW YONKER [36.93, -95.37] 10723/13 23.15 CST 0 Source: Public **PAGONER COUNTY — 3,3 WSW YONKER [3	TULSA COUNTY BROKEN ARROW [36	•		5014	
A know was struck by lightning, resulting in a fire that damaged it. WAGONER COUNTY — 3.9 NNE KADASHAN [35.96, -95.73] O772313 22.96 CST O772313 23.00 CST O772313 23.04 CST O772313 23.04 CST O772313 23.04 CST O Source: Mesonet Thunderstorm Wind (MG 57 ki) O772313 23.04 CST O Source: Mesonet The Oklahoma Mesonet station near Hectorville measured 66 mpt thunderstorm wind gusts. WAGONER COUNTY — 2.9 WSW LA BARGE [35.96, -98.42], 3.2 S LA BARGE [35.93, -98.37] O772313 23.12 CST O Source: NVS Slorm Survey This tomado damaged a metal building, destroyed barns and outbuildings, destroyed portions of two storage units, damaged the rofs and siding of dozens of homes and businesses, uproted trees, and blew down power poles. Based on this damage, maximum estimated wind in the tornado was 90 to 100 mph. DYTAWA COUNTY — 0.9 SW MIAMI ARPT [38.98, -94.89], 1.0 SE MIAMI ARPT [38.89, -94.87], 1.8 SSE MIAMI [38.86, -94.87], 0.9 SW MIAMI [38.87, 94.89] O772313 23.11 CST O Source: Emergency Manager O772313 23.11 CST O Source: Emergency Manager O772313 23.11 CST O Source: Public O772313 23.11 CST O Source: Public O772313 23.11 CST O Source: Public O772313 23.11 CST O77231					
WAGONER COUNTY 3.0 NNE KADASHAN [35.96, 495.73] 07/23/13 22:50 CST 07/23/13 23:50 CST 0 Thunderstorm Wind (EG 65 kl) 07/23/13 23:00 CST 0 Thunderstorm Wind (EG 56 kl) 07/23/13 23:00 CST 0 Source: Public 07/23/13 23:00 CST 0 Thunderstorm Wind (EG 56 kl) 07/23/13 23:00 CST 0 Thunderstorm Wind (EG 56 kl) 07/23/13 23:00 CST 0 Thunderstorm Wind (EG 56 kl) 07/23/13 23:00 CST 0 Thunderstorm Wind (EG 56 kl) 07/23/13 23:00 CST 0 Thunderstorm Wind (MG 57 kl) 07/23/13 23:04 CST 0 Source: Nesonet **MAGONER COUNTY 4.7 W HECTOR [35.94, -96.09] 07/23/13 23:04 CST 0 Source: Nesonet **MAGONER COUNTY 2.9 WSW LA BARGE [35.96, -96.42], 2.2 S LA BARGE [35.93, -95.71] 07/23/13 23:10 CST 0 Source: Nesonet **MAGONER COUNTY 2.9 WSW LA BARGE [35.96, -96.42], 2.2 S LA BARGE [35.93, -95.71] 07/23/13 23:10 CST 0 Source: Nesonet **This tornado damaged a metal building, destroyed barms and outbuildings, destroyed portions of two storage units, damaged the roofs and siding of dozens of homes and businesses, uprocred frees, and blew down power poles. Based on this damage, maximum estimated wind in the tornado was 90 to 100 mph. **DITAWA 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 Source: Emergency Manager **O7/23/13 23:10 CST 0 Source: Emergency Manager **O7/23/13 23:10 CST 0 Source: Emergency Manager **O7/23/13 23:11 CST 0 Source: Emergency Manager **O7/23/13 23:11 CST 0 Source: Public **O7/23/13 23:11 CST 0 Source: Public **MAGONER COUNTY 1.5 SSE LA BARGE [35.96, -95.37] 07/23/13 23:15 CST 10 Source: Public **O7/23/13 23:15 CST 10 Source: Public **O7	A home was struck by lightning, resulting in			Ü	Source. Newspaper
10722H3 22:59 CST		-			
TULSA COUNTY 1.7 SSE DAWSON [36.15, -96.89] 07/23/13 23:00 CST 07/23/13 23:10 CST 07/23/13 23:11 CST 07/23/13 23:10 CST 07/23/13 23:10 CST 07/23/13 23:10 CST 07/23/13 23:10 CST 07/23/13 23:11 CST 0 Source: Emergency Manager NAGONER COUNTY 1,5 SSE LA BARGE [35.96, -96.37] 07/23/13 23:11 CST 07/23/13 23:15 CST	WAGONER COUNTY 3.0 NNE KADASH			0514	Thursdaystays Mind (FO CF lt)
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, -95.99]					· · · · · ·
TULSA COUNTY 1.7 SSE DAWSON [36.15, -95.89] 07/23/13 23:00 CST 0 7/23/13 23:00 CST 0 Source: Public DYMULGEE COUNTY 4.7 W HECTOR [35.84, -96.09] 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, -96.37] 07/23/13 23:12 CST 0 Source: NWS Storm Survey This tomado 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, uprobled trees, and blew down power poles. Based on this damage, maximum estimated wind in the tornado was 90 to 100 mph. DYTAWA COUNTY 0.9 SW MIAMI ARPT [36.89, -94.89], 1.0 SE MIAMI ARPT [36.89, -94.87], 1.8 SE 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) 07/23/13 23:11 CST 0 Source: Emergency Manager DYZ3/13 23:11 CST 0 Source: Public NAGONER COUNTY 1.5 SSE LA BARGE [36.96, -95.37] 07/23/13 23:11 CST 0 Source: Public NAGONER COUNTY 3.3 WSW YONKER [36.03, -95.32] 07/23/13 23:15 CST 0 Source: Public NAGONER COUNTY 3.3 WSW YONKER [36.03, -95.32] 07/23/13 23:15 CST 0 Source: Public NAGONER COUNTY 3.3 WSW YONKER [36.03, -95.32] 07/23/13 23:15 CST 0 Source: Public NAGONER COUNTY 3.3 WSW YONKER [36.03, -95.32] 07/23/13 23:15 CST 0 Source: Public NAGONER COUNTY 3.3 WSW YONKER [36.03, -95.32] 07/23/13 23:15 CST 0 Source: Public NAGONER COUNTY 3.3 WSW YONKER [36.03, -95.32] 07/23/13 23:15 CST 0 Source: Public NAGONER COUNTY 3.3 WSW YONKER [36.03, -95.32] 07/23/13 23:15 CST 0 Source: Public NAGONER COUNTY 3.4 WSW YONKER [36.03, -95.32] 07/23/13 23:15 CST 0 Source: Public		07/23/13 22.59 651		U	Source. Emergency Manager
O7/23/13 23:00 CST 0 Tounderstorm Wind (EG 68 kt) O7/23/13 23:00 CST 0 Source: Public Strong thunderstorm wind snapped large tree limbs. DKMULGEE COUNTY — 4.7 W HECTOR [35.84, -96.60] O7/23/13 23:04 CST 0 Tounderstorm Wind (MG 57 kt) O7/23/13 23:04 CST 0 Source: Mesonet The Oklahoma Mesonet station near Hectorville measured 66 mph thunderstorm wind gusts. NAGONER COUNTY — 2.9 WSW LA BARGE [35.96, -95.42], 3.2 S LA BARGE [35.93, -95.37] O7/23/13 23:12 CST 0.18M Tornado (EF1, L: 3.50 mi, W: 850 yd) O7/23/13 23:12 CST 0.50 Source: NWS Storm Survey This tornado damaged a metal building, destroyed barms and outbuildings, destroyed portions of two storage units, damaged the roofs and siding of dozens of homes and businesses, uprootled trees, and blew down power poles. Based on this damage, maximum estimated wind in the tornado was 90 to 100 mph. DTTAWA 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] O7/23/13 23:10 CST 0 Flash Flood (due to Heavy Rain) O7/24/13 01:00 CST 0 Source: Emergency Manager DO7/23/13 23:11 CST 0 Source: Public Strong thunderstorm wind overturned an outbuilding, resorowed a section of metal roof from a shop, and severely damaged a metal storage building. NAGONER COUNTY — 3.3 WSW YONKERS [36.93, -95.37] O7/23/13 23:11 CST 0 Source: Public O7/23/13 23:15 CST 0 Source: Public O7/23/13 23:15 CST 10K Thunderstorm Wind (EG 70 kt) O7/23/13 23:15 CST 0 Source: Public	Strong thunderstorm wind snapped numero	ous trees, damaged roofs of homes,	, and snapped at le	east nine power po	les.
O7723/13 23:00 CST 0 Source: Public Strong thunderstorm wind snapped large tree limbs. SKMULGEE COUNTY 4.7 W HECTOR [35.84, -98.00] 07723/13 23:04 CST 0 Thunderstorm Wind (MG 57 kt) 07723/13 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, -96.37] 07723/13 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 nph. DTTAWA 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] 07723/13 23:10 CST 0 Flash Flood (due to Heavy Rain) 07/24/13 01:00 CST 0 Source: Emergency Manager cocally heavy rainfall resulted in widespread flooding in and around Miami. Several streets were impassable. NAGONER 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. NAGONER COUNTY 3.3 WSW YONKERS [36.03, -95.37] 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.	TULSA COUNTY 1.7 SSE DAWSON [36	•			
Skrong thunderstorm wind snapped large tree limbs. SKMULGEE 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 Tomado (EF1, L: 3.50 mi, W: 850 yd) 07/23/13 23:06 CST 0.18M Tomado (EF1, L: 3.50 mi, W: 850 yd) 07/23/13 23:10 CST 0 Source: NWVS 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 npph. 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 OTTAWA 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.					· · · · · ·
DKMULGEE COUNTY 4.7 W HECTOR [35.84, -96.00] 07723/13 23:04 CST 0723/13 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 1.8M 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 barms 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 nph. DTAWA 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) 07/23/13 23:10 CST 0 Source: Emergency Manager DOTAWA COUNTY 1.5 SSE LA BARGE [35.96, -95.37] 07/23/13 23:11 CST 0 Source: District Manager NAGONER COUNTY 1.5 SSE LA BARGE [35.96, -95.37] 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 0 Source: Public Strong thunderstorm wind blew down trees. One fell onto a mobile home in the White Horn Cove area.		07/23/13 23:00 CST		0	Source: Public
O7/23/13 23:04 CST 0 Thunderstorm Wind (MG 57 kt) O7/23/13 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] O7/23/13 23:12 CST 0.18M Tornado (EF1, L: 3.50 mi , W: 850 yd) O7/23/13 23:12 CST 0.50 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 nph. 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] O7/23/13 23:10 CST 0 Flash Flood (due to Heavy Rain) O7/24/13 01:00 CST 0 Source: Emergency Manager OCCAIN 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] O7/23/13 23:11 CST 10K Thunderstorm Wind (EG 61 kt) O7/23/13 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] O7/23/13 23:15 CST 10K Thunderstorm Wind (EG 70 kt) O7/23/13 23:15 CST 0 Source: Public Strong thunderstorm wind blew down trees. One fell onto a mobile home in the White Horn Cove area.	Strong thunderstorm wind snapped large tr	ee limbs.			
O7/23/13 23:04 CST O Source: Mesonet The Oklahoma Mesonet station near Hectorville measured 66 mph thunderstorm wind gusts. VAGONER COUNTY 2.9 WSW LA BARGE [35.96, -95.42], 3.2 S LA BARGE [35.93, -95.37] O7/23/13 23:12 CST O 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 nph. DOTAWA 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] O7/23/13 23:10 CST O Flash Flood (due to Heavy Rain) O7/23/13 23:10 CST O Source: Emergency Manager OCALITY 1.5 SSE LA BARGE [35.96, -95.37] O7/23/13 23:11 CST O Source: Public Strong thunderstorm wind overturned an outbuilding, removed a section of metal roof from a shop, and severely damaged a metal storage building. VAGONER COUNTY 3.3 WSW YONKERS [36.03, -95.32] O7/23/13 23:15 CST O Source: Public Strong thunderstorm wind overturned an outbuilding, removed a section of metal roof from a shop, and severely damaged a metal storage building. VAGONER COUNTY 3.3 WSW YONKERS [36.03, -95.32] O7/23/13 23:15 CST O Source: Public Strong thunderstorm wind blew down trees. One fell onto a mobile home in the White Horn Cove area. AUSKOGEE COUNTY MUSKOGEE [35.75, -95.37] O7/23/13 23:24 CST Z5K Thunderstorm Wind (EG 70 kt)	OKMULGEE COUNTY 4.7 W HECTOR [35.84, -96.00]			
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 0.50 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, uprocted trees, and blew down power poles. Based on this damage, maximum estimated wind in the tornado was 90 to 100 nph. DITAWA 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 DITAWA COUNTY 1.5 SSE LA BARGE [35.96, -95.37] 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 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 23:04 CST		0	Thunderstorm Wind (MG 57 kt)
NAGONER COUNTY 2.9 WSW LA BARGE [35.96, -95.42], 3.2 S LA BARGE [35.93, -95.37] 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 nph. DITAWA 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) 07/23/13 00 Source: Emergency Manager 0.0cally heavy rainfall resulted in widespread flooding in and around Miami. Several streets were impassable. NAGONER COUNTY 1.5 SSE LA BARGE [35.96, -95.37] 07/23/13 23:11 CST 07/23/13 23:11 CST 07/23/13 23:11 CST 07/23/13 23:15 CST 10K Thunderstorm Wind (EG 61 kt) 07/23/13 23:15 CST 07/23/13 23:15 CST 07/23/13 23:15 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. NAGONER COUNTY 3.3 WSW YONKERS [36.03, -95.32] 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. AUSKOGEE COUNTY MUSKOGEE [35.76, -95.37] 07/23/13 23:24 CST 25K Thunderstorm Wind (EG 70 kt)		07/23/13 23:04 CST		0	Source: Mesonet
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. DITAWA 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 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 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)	VAGONER COUNTY 2.9 WSW LA BAR	07/23/13 23:06 CST	EE [35.93, -95.37]		
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 Ocally heavy rainfall resulted in widespread flooding in and around Miami. Several streets were impassable. PAGONER COUNTY 1.5 SSE LA BARGE [35.96, -95.37] 07/23/13 23:11 CST 0 Source: Public Other county 3.3 WSW YONKERS [36.03, -95.32] 07/23/13 23:15 CST 0 Source: Public Other county 3.3 WSW YONKERS [36.03, -95.32] 07/23/13 23:15 CST 0 Source: Public Other county 3.3 WSW YONKERS [36.03, -95.32] 07/23/13 23:15 CST 0 Source: Public Other county 3.3 WSW YONKERS [36.03, -95.32] 07/23/13 23:15 CST 0 Source: Public Other county 3.5 WSW YONKERS [36.03, -95.32] 07/23/13 23:15 CST 0 Source: Public	-	-	• •	_	-
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. NAGONER 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. NAGONER 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.		Г [36.89, -94.89], 1.0 SE MIAMI ARF	PT [36.89, -94.87],	1.8 SSE MIAMI [36	6.86, -94.87], 0.9 SW MIAMI [36.87,
NAGONER COUNTY 1.5 SSE LA BARGE [35.96, -95.37] 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. NAGONER 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.	,	07/23/13 23:10 CST		0	Flash Flood (due to Heavy Rain)
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.		07/24/13 01:00 CST		0	Source: Emergency Manager
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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.	NAGONER COUNTY 1.5 SSE LA BARG	SE [35.9695.37]			
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. WUSKOGEE COUNTY MUSKOGEE [35.75, -95.37] 07/23/13 23:24 CST 25K Thunderstorm Wind (EG 70 kt)	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	• •		10K	Thunderstorm Wind (EG 61 kt)
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. WUSKOGEE COUNTY MUSKOGEE [35.75, -95.37] 07/23/13 23:24 CST 25K Thunderstorm Wind (EG 70 kt)		07/23/13 23:11 CST		0	Source: Public
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)	Strong thunderstorm wind overturned an ou	utbuilding, removed a section of me	tal roof from a shop	o, and severely da	maged a metal storage building.
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)	WAGONER COUNTY 3.3 WSW YONKE	RS [36.0395.32]			
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)		_		10K	Thunderstorm Wind (EG 70 kt)
MUSKOGEE COUNTY MUSKOGEE [35.75, -95.37] 07/23/13 23:24 CST 25K Thunderstorm Wind (EG 70 kt)		07/23/13 23:15 CST		0	Source: Public
07/23/13 23:24 CST 25K Thunderstorm Wind (EG 70 kt)	Strong thunderstorm wind blew down trees	. One fell onto a mobile home in the	e White Horn Cove	area.	
07/23/13 23:24 CST 25K Thunderstorm Wind (EG 70 kt)	MUSKOGEE COUNTY MUSKOGEE [35.	.75, -95.37]			
07/23/13 23:24 CST 0 Source: Emergency Manager	•	_		25K	Thunderstorm Wind (EG 70 kt)
		07/23/13 23:24 CST		0	Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
trong thunderstorm wind blew down	several trees and power lines.			
SEQUOYAH COUNTY 0.2 ESE GO				
	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 EU	FAULA [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 measu	ured to 77 mph at the courthouse in Eufau	la. Trees and pov	ver lines were blow	n down.
PAWNEE COUNTY PAWNEE [36.3	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 PC	DRUM [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 a	around Porum.		
MUSKOGEE COUNTY 1.2 WSW W	/EBBERS 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 PC	DRUM [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 si	mall outbuildings.		
CHEROKEE COUNTY 5.0 E PEGG	S [36.08, -95.01], 3.4 WNW MOODYS [36	.05, -95.01], 4.2 E		
	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 rainfa	all.		
PITTSBURG COUNTY 1.9 NNW B				
	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 portio	ns of a roof off of a porch in Longtown.			
HASKELL COUNTY 0.3 W TAMAH	IA [35.40, -94.98], 0.2 SE TAMAHA [35.40), -94.98], 0.5 SSV	V TAMAHA [35.39,	-94.98], 0.5 SW TAMAHA [35.40,
			0	Flash Flood (due to Heavy Rain)
	07/24/13 00:05 CST			
-94.99]	07/24/13 00:05 CST 07/24/13 06:00 CST			· · · · · · · · · · · · · · · · · · ·
94.99]	07/24/13 00:05 CST 07/24/13 06:00 CST nsive flooding in and around town with sev		0	Source: Utility Company

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0

Flash Flood (due to Heavy Rain)

Source: Law Enforcement

07/24/13 00:15 CST

07/24/13 06:00 CST

Many rural roads and some streets were flooded and impassable.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHEROKEE COUNTY 0.9 NNW TAHLEQUATAHLEQUATAHLEQUAH [35.90, -94.98]	AH [35.93, -94.98], 1.5 NNE TAH	HLEQUAH [35.94, -	94.96], 1.9 SE TAF	HLEQUAH [35.90, -94.95], 1.5 SSW
77.1122.407.11 [00.00, 04.00]	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 significa	ant flooding and were impassabl	e.		
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	d numerous large tree limbs.			
LE FLORE COUNTY POTEAU [35.05, -94.6	2]			
	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 to	ree.			
PUSHMATAHA COUNTY 0.5 SE SNOW [34	1.40, -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 t	rees.			
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	d power lines and snapped num	erous limbs. A few	structures had the	ir roofs damaged by the wind.
Severe thunderstorms developed over central evening and into eastern Oklahoma during the shear over eastern Oklahoma resulted in the and some large hail resulted across eastern were reportedly without power due to the sto	ne late evening and overnight l development of a highly orgal Oklahoma as the line of thund	hours. High amou nized line of storm erstorms moved t	nts of instability and s. Widespread dan nrough the region	nd considerable deep layer maging wind, a tornado, . At least 300,000 people

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.

addition, lightning from these storms resulted in a number of structural fires.

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.

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