



November 2004 Time Local Path Length Path Number of Estimated Persons Width Damage OKLAHOMA, Western, Central and Southeast OKZ039-045-048 Stephens - Jefferson - Atoka 0000CST 1945CST 0 0 Flood Heavy rainfall totals of 2 to 3.5 inches on October 30-November 1 over the Mud Creek basin in south central Oklahoma produced river flooding in Stephens County. Runoff from these rains caused Mud Creek to overflow its banks and produce minor agricultural and lowland flooding in eastern Jefferson County on November 1-6. Mud Creek crested at 24.0 feet, 4.0 feet above flood stage, at 8:00 am CST on November 4 at the USGS river gage site near Courtney, OK. Mud Creek remained above flood stage from 12:00 am CST on November 1 to 7:45 pm CST on November 6. Heavy rainfall totals of 2 to 5.5 inches on October 30-November 1 over southeastern Oklahoma also produced river flooding in Atoka County. Significant runoff from these heavy rains produced minor agricultural flooding along Clear Boggy Creek on November 1-5. Clear Boggy Creek crested at 22.0 feet, 3.0 feet above flood stage, at 2:00 pm CST on November 3 at the NWS river gage site near Caney. Clear Boggy Creek remained above flood stage from 8:00 am CST on November 1 to 5:00 pm CST on November 5.

 Atoka County

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 Flash Flood

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Atoka County officials reported that floodwaters from Muddy Boggy Creek had inundated some local roads just north of the city of Atoka.

Atoka County Stringtown

01 0600CST 0 0 Flash Flood

Atoka County officials reported that Oklahoma State Highway 43 had flooded in the vicinity of Stringtown.

Atoka County

2 E Wardville 01 0600CST 0 0 Flash Flood 1100CST

In addition to the riverine flooding which took place in Atoka County, flash flooding also occurred in the northern half of the county during the morning of November 1. Law enforcement officials reported that Oklahoma State Highway 131 was closed due to high water from North Boggy Creek 2 miles east of Wardville.

Kiowa County

Snyder 01 1556CST 0 0 Hail(0.88)

Hail was observed on the west side of town.

**Cleveland County** 

7 WNW Norman 01 1557CST 0 0 Funnel Cloud 1600CST

This funnel cloud was observed by personnel at the Norman NWS office on the northwest side of Norman west of NW 60th Avenue and south of Tecumseh Road.

**Kiowa County** 

Snyder 01 1605CST 0 0 Hail(1.00)

Hail was reported covering the ground at the Snyder City Hall.

 Tillman County

 8 E Davidson
 01
 1710CST
 0
 0
 Hail(1.00)

 Tillman County

 9 E Davidson
 01
 1711CST
 0
 0
 Hail(1.00)

Mcclain County
4 N Newcastle 01 1755CST 0 0 Funnel Cloud

This funnel cloud north of Newcastle was observed by two off-duty National Weather Service personnel, along with several spotters.





Time Path Path Number of Estimated November 2004

Location Date Standard (Miles) (Vards) Filled Injured Property Corps Character of Storm

#### OKLAHOMA, Western, Central and Southeast

The funnel developed under the updraft base of a developing shower. Radar indicated the nearest echo was a few miles north of the location of the funnel.

Cotton County 7 N Devol	<b>01</b> Wind	1830CST gust to 50 mph was	also reported		0	0		Hail(1.00)
Cotton County 3 SE Devol	01	1900CST			0	0		Hail(0.75)
Oklahoma County Oklahoma City	10	1610CST			0	0		Hail(0.75)
Oklahoma County Oklahoma City	<b>10</b> Hail v	1627CST was reported near do	owntown Oklai	homa City.	0	0		Hail(1.25)
Oklahoma County		•		·				
2 ESE Spencer to 2.5 E Spencer	10	1636CST 1638CST	1.2	75	0	0	50K	Tornado (F0)

This tornado seen by media helicopters began near the intersection of Northeast 40th Street and Post Road and lifted near 50th Street and Westminister. A large metal garage door was damaged near the 4000 block of North Post Road. Some tree and power line damage also occurred.

Oklahoma County 2 SSW Jones to 2.5 E Jones

10 1643CST 3 400 0 0 1M Tornado (F1) 1650CST

This tornado remained within the city limits of Jones affecting southern portions of the town. The tornado began near the intersection of Northeast 63rd and Hiwassee Road and moved ENE to just southwest of the intersection of Britton Road and Indian Meridian Road.

According to Jones Emergency Management, the first tornado damage appeared east of Hiwassee Road on NE 63rd, where several trees were broken or uprooted along with power lines and poles downed. Damage continues to the 6300-6400 block of N Cedar Creek where several trees were damaged and minor roof damage to newly constructed homes occurred. More damage was located in the 7100-7300 block of N Henney, mostly trees with some minor roof damage. All houses in the 14000-14500 block of Teresa had minor roof damage and a few windows broken, along with numerous trees damaged, and outbuildings damaged or destroyed, some of which were of sound construction.

Additional damage to trees and homes along E Wilshire from the 13800 block eastward to the 15100 block. A few outbuildings and sheds were destroyed in this area. Several homes in the 7200-7700 block of Rolling Oaks also had minor roof damage with trees down in the area. The 7700-7900 block of Oakwood Way also had homes with roof and tree damage. Also minor damage to the Diamond P Farms at 8505 N Indian Meridian occurred before lifting.

Overall, 52 homes and 1 business were affected with minor roof damage and broken windows. Several outbuildings, barns, and sheds were damaged or destroyed along with numerous trees and power lines downed and a few power poles broken.

Oklahoma County 3 S Luther to 2.5 SSE Luther

10 1700CST 1.2 20 0 0 Tornado (F0)

This weak tornado was not visually well-defined during its entire path, but media helicopters showed instances of the condensation funnel in contact with the ground. The tornado began near Luther Road between Memorial and Northeast 150th Street and ended just north of 150th Street and Dobbs. This was a rural area with no known damage.



Harmon County
4 N Madge

20

1704CST

# National Weather Service Storm Data and Unusual Weather Phenomena



November 2004 Time Local Path Length Path Number of Estimated Width Damage Persons OKLAHOMA, Western, Central and Southeast Lincoln County 4 NW Chandler to 4 N Chandler 10 1740CST 1747CST 3 600 0 0 200K Tornado (F1) Several spotters and media storm chasers observed this tornado near Chandler. Tree damage was reported on Highway 18. A house under construction also sustained some roof damage. **Lincoln County** 1750CST 2.5K Thunderstorm Wind (EG57) 2 S Agra Some trees were downed. **Lincoln County** 5 N Kendrick 10 1805CST 0.1 20 Tornado (F0) A media storm chaser observed this brief tornado north of Kendrick. No damage was reported **Lincoln County** 0 3 NNW Avery 10 0.1 20 Tornado (F0) Cushing emergency management reported this weak tornado. No known damage. **OKZ044** 1600CST 0500CST 0 Flood Multiple rounds of thunderstorms and showers during a two-day period on November 14-16 produced 48-hour precipitation totals of 2 to 4 inches over western north Texas and southwestern Oklahoma. In southwestern Oklahoma, East Cache Creek experienced two crests above flood stage during mid November 2004. The initial crest occurred at 8:00 pm CST on November 16 as East Cache Creek crested at 21.4 feet, 0.4 feet above flood stage, and briefly remained above flood stage from 4:00 pm on November 16 to 12:00 am on November 17. However, more rainfall and heavier runoff in the headwaters of the basin brought a longer-lived, higher secondary crest on November 17-19. During this period, East Cache Creek crested at 24.2 feet, or 3.2 feet above flood stage at 4:00 pm CST on November 18, and remained in flood from 9:00 pm CST on November 17 to 5:00 am CST on November 19. Minor agricultural flooding occurred during the first event while moderate agricultural flooding occurred during the second crest. OKZ030-039-045 Pottawatomie - Stephens - Jefferson 0130CST 1630CST 0 Flood Rainfall totals of 1 to 2 inches over already saturated ground on November 16-17 produced another round of river flooding in the Mud Creek basin in Stephens County. The subsequent runoff produced the second and highest flood crest of the month on Mud Creek in eastern Jefferson County on November 17-21. Mud Creek crested at 25.3 feet, 5.3 feet above flood stage, at 8:00 pm CST on November 18 at the USGS river gage site near Courtney, OK. Mud Creek remained above flood stage from 1:30 am CST on November 17 to 4:30 pm CST on November 21. Moderate flooding occurred as widespread inundation of lowlands and agricultural fields was observed along Mud Creek during the period. Strong thunderstorms also dropped storm total rainfall amounts of 1-2 inches in west-central Pottawatomie County during the late evening hours of November 17. The rain fell over areas where the soil had been saturated from previous rainfall events during the month and produced short-lived river flooding along the Little River. Minor rural flooding occurred along the Little River 5 miles south of Tecumseh, OK at the river gage site. The Little River crested at 11.1 feet, 0.1 feet above flood stage, at 8:30 am CST on November 17 and was above flood stage from 10:30 pm CST on November 17 to 12:30 am CST on November 18.

Hail(0.75)

0

0





		Time Local/	Path Length	Path Width	Numb Pers	ons	Estim Dam	age	November 2004
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm
OKLAHOMA, Wes	stern, Cen	tral and Southe	<u>east</u>						
Greer County 7 W Brinkman	20	1730CST			0	0			Hail(1.00)
Greer County 8 W Brinkman	20	1750CST			0	0			Hail(1.00)
Harmon County 3 S Mc Queen	20	1915CST			0	0			Hail(0.75)
Jackson County 5 SW Duke	20	1940CST			0	0			Hail(0.75)
Jackson County Altus	20	2030CST			0	0			Hail(0.75)
Jackson County Altus	<b>20</b> Hail v	2037CST was observed on th	e south side o	f town.	0	0			Hail(1.00)
Bryan County									
Bennington	23	1053CST			0	0			Hail(0.75)
OKZ039-045	Steph	ens - Jefferson							
	25 27	2300CST 1100CST			0	0			Flood

Precipitation amounts of 1 to 2 inches fell over saturated soils on November 16-17 and produced the third and last flood crest of the month on November 25-27 along Mud Creek in Stephens County. Mud Creek crested at 23.1 feet, 3.1 feet above flood stage, at 10:00 pm CST on November 26 at the USGS river gage site near Courtney, OK. Mud Creek remained above flood stage from 11:00 pm CST on November 25 to 11:00 am CST on November 27. Minor lowland flooding occurred during the event

#### TEXAS, Western North

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6 WNW Burkburnett 01 1830CST

Hail(0.88) Flood

Multiple rounds of thunderstorms and showers during a two-day period on November 14-16 produced 48-hour precipitation totals of 2 to 4 inches over western north Texas and southwestern Oklahoma.

Two moderate flood crests were generated along the South Wichita River in Knox County near Benjamin, TX on November 15-17. The South Wichita River initially crested at 15.1 feet, 3.1 feet above flood stage, at 5:00 am CST on November 18, and remained above flood stage from 5:00 pm CST on November 15 to 7:30 pm CST on November 16. More rainfall during the evening of November 16 generated a lower, secondary crest at 3 pm on November 17 as the South Wichita River crested at 14.5 feet, or 2.5 feet above flood stage. During the second event, the South Wichita River remained above flood stage from 11:00 pm CST on November 16 to 2:00 pm CST on November 17.

Minor rural flooding also occurred along the Little Wichita River in Clay County near Henrietta, TX on November 18. The Little Wichita River crested at 17.5 feet, 0.5 feet above flood stage, at 9:30 am CST on November 18, and remained above flood stage from 6:00 pm CST on November 17 to 1:00 am CST on November 19.





Time Local/ Length Width Persons Damage Location Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm

TEXAS, Western North

Wichita County

Flash flooding occurred in western north Texas in Wichita County during the evening of November 15. Heavy rains totaling 3.5 - 4.5 inches fell during the morning and afternoon of November 15, and produced heavy runoff and flash flooding along North Bell Road and South Bell Road just northeast and southeast of Iowa Park, TX. Law enforcement officials reported that the high waters stalled and floated a pickup truck off of North Bell Road, nearly submerging it in a ditch. The driver was unhurt

**Archer County** 

Scotland 23 2245CST 0 0 Hail(0.88)