



# National Weather Service

## Storm Data and Unusual Weather Phenomena



November 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### OKLAHOMA, Western, Central and Southeast

OKZ039-045-048

**Stephens - Jefferson - Atoka**

<b>01</b>	<b>0000CST</b>				<b>0</b>	<b>0</b>			<b>Flood</b>
<b>06</b>	<b>1945CST</b>								

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**

**Atoka**

<b>01</b>	<b>0600CST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
	<b>1200CST</b>								

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**

<b>01</b>	<b>0600CST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
	<b>1200CST</b>								

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

**Atoka County**

**2 E Wardville**

<b>01</b>	<b>0600CST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
	<b>1100CST</b>								

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**

<b>01</b>	<b>1556CST</b>				<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
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Hail was observed on the west side of town.

**Cleveland County**

**7 WNW Norman**

<b>01</b>	<b>1557CST</b>				<b>0</b>	<b>0</b>			<b>Funnel Cloud</b>
	<b>1600CST</b>								

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**

<b>01</b>	<b>1605CST</b>				<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
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Hail was reported covering the ground at the Snyder City Hall.

**Tillman County**

**8 E Davidson**

<b>01</b>	<b>1710CST</b>				<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
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**Tillman County**

**9 E Davidson**

<b>01</b>	<b>1711CST</b>				<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
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**McClain County**

**4 N Newcastle**

<b>01</b>	<b>1755CST</b>				<b>0</b>	<b>0</b>			<b>Funnel Cloud</b>
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This funnel cloud north of Newcastle was observed by two off-duty National Weather Service personnel, along with several spotters.





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### OKLAHOMA, Western, Central and Southeast

#### Lincoln County

4 NW Chandler to 4 N Chandler	10	1740CST 1747CST	3	600	0	0	200K		Tornado (F1)
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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

2 S Agra	10	1750CST			0	0	2.5K		Thunderstorm Wind (EG57)
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Some trees were downed.

#### Lincoln County

5 N Kendrick	10	1805CST	0.1	20	0	0			Tornado (F0)
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A media storm chaser observed this brief tornado north of Kendrick. No damage was reported.

#### Lincoln County

3 NNW Avery	10	1815CST	0.1	20	0	0			Tornado (F0)
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Cushing emergency management reported this weak tornado. No known damage.

#### OKZ044

##### Cotton

16	1600CST				0	0			Flood
19	0500CST								

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

17	0130CST				0	0			Flood
21	1630CST								

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.

#### Harmon County

4 N Madge	20	1704CST			0	0			Hail(0.75)
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					Killed	Injured	Property	Crops	

### OKLAHOMA, Western, Central and Southeast

<b>Greer County</b>									
7 W Brinkman	20	1730CST			0	0			Hail(1.00)
<b>Greer County</b>									
8 W Brinkman	20	1750CST			0	0			Hail(1.00)
<b>Harmon County</b>									
3 S Mc Queen	20	1915CST			0	0			Hail(0.75)
<b>Jackson County</b>									
5 SW Duke	20	1940CST			0	0			Hail(0.75)
<b>Jackson County</b>									
Altus	20	2030CST			0	0			Hail(0.75)
<b>Jackson County</b>									
Altus	20	2037CST			0	0			Hail(1.00)
Hail was observed on the south side of town.									
<b>Bryan County</b>									
Bennington	23	1053CST			0	0			Hail(0.75)
<b>OKZ039-045</b>									
<b>Stephens - Jefferson</b>									
25		2300CST			0	0			Flood
27		1100CST							

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

<b>Wichita County</b>									
6 WNW Burkburnett	01	1830CST			0	0			Hail(0.88)
<b>TXZ087-090</b>									
<b>Knox - Clay</b>									
15		1700CST			0	0			Flood
19		0100CST							

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.



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**TEXAS, Western North**

**Wichita County**

<b>Iowa Park</b>	<b>15 16</b>	<b>1800CST 0000CST</b>			<b>0</b>	<b>0</b>	<b>25K</b>		<b>Flash Flood</b>
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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**

<b>Scotland</b>	<b>23</b>	<b>2245CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
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