



# National Weather Service

## Storm Data and Unusual Weather Phenomena



October 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

#### Dewey County

1 E Hucmac      04      0450CST                0      0                **Hail(0.75)**

#### Cotton County

7 W Walters to  
6.3 W Walters      06      1438CST  
1439CST      1      25      0      0                **Tornado (F0)**

Several people observed and photographed this tornado moving northeast across open country. No damage was reported. This was the second tornado produced by a mini-supercell. The same mini-supercell had produced a tornado near Burkburnett, Texas earlier.

#### OKZ035>036

##### Kiowa - Jackson

07      0100CST  
2030CST                0      0                **Flood**

As heavy runoff in northwestern Kiowa County eventually traveled from smaller tributaries (including Elk Creek) into the North Fork of the Red River, minor rural flooding occurred on the river along the Kiowa/Jackson County border near and at one river forecast point in the area. The North Fork of the Red River near Headrick crested at 15.6 feet, 1.6 feet above flood stage, at 12:00 pm CST on October 7, and remained above flood stage from 1:00 am CST to 8:30 pm CST on October 7. Only lowland areas along the river were flooded during this event. Further downstream on the North Fork of the Red River, the flood crest attenuated and was measured well below flood stage at the USGS river gage site near Tipton, OK on the Jackson/Tillman County border

#### Jackson County

Altus      07      0205CST                0      0                **Hail(0.75)**  
Hail was reported on the south side of town.

#### Comanche County

Lawton      07      0530CST                0      0      25K           **Thunderstorm Wind (EG56)**

A strong wind gust peeled the tin roof and siding off of the Veterans Center. There was also roof damage to a school and several homes on the east side of town. Damage was reported by KSWO-TV in Lawton, Oklahoma

#### Kiowa County

Lone Wolf      07      0800CST  
1200CST                0      0                **Flash Flood**

At 8:00 am CST on October 7, a city official in Lone Wolf, OK in Kiowa County reported that the city park was flooded, and several homes near the park were briefly isolated by floodwaters. Several motorists had driven into high water and stalled their automobiles during the flash flooding.

#### Kiowa County

2.5 W Hobart      07      0830CST  
1300CST                0      0                **Flash Flood**

At 8:30 am CST, the Kiowa County sheriff's office reported that Elk Creek had overflowed its banks and had inundated E1370 (Iris) Road, about 2.5 miles west of Hobart.

#### Caddo County

Anadarko      07      0900CST  
1300CST                0      0                **Flash Flood**

Flash flooding was reported at 9:15 am CST on October 7, as emergency management officials observed floodwaters as deep as 1.5 feet over several roads in Anadarko, OK.

#### Caddo County

2 W Cyril      07      0900CST  
1300CST                0      0                **Flash Flood**

Flash flooding also occurred at 9:00 am CST at a location 2 miles west of Cyril, OK in Caddo County, where floodwaters reached a depth of 1 foot over Oklahoma State Highway 19.

#### Kiowa County

4 N Roosevelt      07      0900CST                0      0                **Flash Flood**



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### OKLAHOMA, Western, Central and Southeast

#### 1300CST

Flash flooding was observed by the Kiowa County sheriff's department over a county road 4 miles north of Roosevelt, OK at 9:00 am CST.

#### **Caddo County**

##### **Apache**

<b>07</b>	<b>0930CST 1330CST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
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Flash flooding was reported in Apache, OK as floodwaters closed several streets in the north part of the town for several hours during the late morning of October 7.

Heavy rainfall over a small multi-county area in southwestern Oklahoma helped produce a significant flood event on October 7. During this period an upper level storm system and associated warm front located along the Red River valley generated a large complex of thunderstorms near and along the front in western north Texas and southwestern Oklahoma.

The thunderstorms dropped precipitation at a rate of 1-2 inches per hour, with the heaviest accumulations falling in a 12-hour period between midnight and noon on October 7 along with some hail and strong wind gusts. The area where the highest totals occurred included eastern Greer, northern Kiowa, southern Washita, southern Caddo, northern Comanche, and northwestern Grady counties. Storm total rainfall amounts ranged from 2 to 4+ inches, with an isolated area of 4.5 to 7 inches observed over northwestern Kiowa County.

The highest storm total rainfall reports ranged from 2.5 inches to near 7 inches. These measured totals include: Lone Wolf - 6.50 inches; Gotebo 9S - 5.00 inches; Altus-Lugert Dam - 4.97 inches; Hobart Airport - 4.87 inches; Altus Lake Project Office - 4.39 inches; Apache 4ENE - 4.37 inches; Stecker 5S - 4.21 inches; Stecker 3SSE - 4.08 inches; Cyril 3WNW - 3.94 inches; Stecker 2E - 3.81 inches; Cement 3WNW - 3.53 inches; Stecker 5E - 3.40 inches; Sedan - 3.32 inches; Cement 4N - 3.11 inches; Anadarko 3E - 2.92 inches; Anadarko 1NE - 2.91 inches; Fletcher 3NNW - 2.73 inches; and Roosevelt - 2.56 inches. All of these reports came from Kiowa and Caddo counties.

The subsequent heavy runoff produced by these rains generated flash flooding and riverine flooding in southwestern Oklahoma.

#### **Atoka County**

##### **Caney**

<b>29</b>	<b>1722CST</b>				<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
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### TEXAS, Western North

#### **TXZ087**

##### **Knox**

<b>01</b>	<b>0700CST 1000CST</b>				<b>0</b>	<b>0</b>			<b>Flood</b>
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Thunderstorms generated heavy rainfall totals of 2 to 3 inches during the early morning hours of October 1 in parts of western north Texas, and the subsequent runoff produced riverine flooding along the South Wichita River in Knox County. Minor rural flooding occurred on the South Wichita River at and near the USGS gage site 4 miles north of Benjamin, TX. The South Wichita River near Benjamin crested at 12.2 feet, 0.2 feet above flood stage, at 8:45 am CST on October 1, and remained above flood stage from 7:00 am CST to 10:00 am CST on October 1.

#### **Archer County**

##### **Lake Kickapoo**

<b>03</b>	<b>2340CST</b>				<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>
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#### **Knox County**

##### **Munday**

<b>04</b>	<b>0035CST</b>				<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
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					Killed	Injured	Property	Crops	

**TEXAS, Western North**

**Wichita County**

<b>5 WSW Burkburnett</b>	<b>06</b>	<b>1330CST</b>	<b>0.1</b>	<b>50</b>	<b>0</b>	<b>0</b>			<b>Tornado (F0)</b>
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A spotter observed this brief tornado which produced no known damage. This tornado was due to a mini-supercell that later produced another tornado west of Walters, Oklahoma in Cotton county.

**Wichita County**

<b>5 WNW Burkburnett</b>	<b>07</b>	<b>0020CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
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