



# National Weather Service

## Storm Data and Unusual Weather Phenomena



October 2005

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

#### OKZ016>017-023>024 Custer - Blaine - Caddo - Canadian

	05	1930CST			0	0			<b>Flood</b>
	06	0330CST							

Thunderstorms and showers produced rainfall totals of 2 to 3 inches over parts of west central Oklahoma during the evening of October 5 and morning of October 6 and produced brief minor flooding along the Canadian River. The USGS river gage site near Bridgeport, OK recorded a crest at the flood stage of 14.0 feet at 2:30 am CST on October 6, and the river remained at flood stage from 2:00 am CST to 3:30 am CST on October 6. Only minor lowland flooding occurred along the Canadian River in northeastern Custer, southern Blaine County, northern Caddo County, and western Canadian counties

In addition, the heavy rainfall produced a brief crest above flood stage in northern Caddo County along Cobb Creek at the USGS river gage site near Eakley, OK. Cobb Creek near Eakley, which is a inflow data point for Fort Cobb Reservoir, crested at 12.3 feet, 2.3 feet above flood stage, at 11:00 pm CST on October 5, and remained above flood stage from 7:30 pm CST on October 5 until 2:30 am CST on October 6. Brief lowland flood occurred along Cobb Creek which feeds into the headwaters of Fort Cobb Reservoir just downstream of the river gage site.

#### Woodward County

	19	1105CST 1110CST			0	0			<b>Hail(1.00)</b>
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Hail was reported in the downtown area.

#### Woodward County

	19	1110CST			0	0			<b>Hail(0.88)</b>
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#### Woodward County

	19	1113CST			0	0			<b>Hail(0.75)</b>
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#### Woodward County

	19	1200CST			0	0			<b>Hail(1.00)</b>
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#### Alfalfa County

	19	1425CST			0	0			<b>Hail(0.88)</b>
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#### Garfield County

	19	1520CST			0	0	100K		<b>Lightning</b>
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Lightning struck the bell tower spire of St. Paul's Lutheran Church scattering debris up to 75 feet. Some children were in the basement, but no one was injured.

#### Ellis County

	19	1613CST			0	0			<b>Hail(0.75)</b>
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#### Harper County

	19	1630CST			0	0			<b>Hail(0.75)</b>
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#### Harper County

	19	1647CST 1702CST	9	400	0	0	20K		<b>Tornado (F1)</b>
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A large multiple-vortex tornado was photographed by a local resident. The tornado touched down 10 miles south-southeast of Selman in Harper county and moved east-northeast. The tornado eventually moved into Woodward county before lifting 20 miles north of Mooreland. A house on Highway 34 near EW24 Road sustained roof damage. A barn west of the residence was also damaged.

#### Harper County

	19	1655CST			0	0	1.5K		<b>Hail(1.75)</b>
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Hail combined with strong winds broke the windows in a home.



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### OKLAHOMA, Western, Central and Southeast

#### Harper County

5 S Lovedale      19      1655CST                0      0                **Thunderstorm Wind (EG61)**

#### Woodward County

18.5 NNW Mooreland to 20 N Mooreland      19      1702CST  
1708CST      4      400      0      0      25K      **Tornado (F1)**

The large multi-vortex tornado that initially developed from a supercell in Harper county 10 miles south-southeast of Selman, moved east-northeast into Woodward county crossing the county line 18.5 miles north-northwest of Mooreland. The tornado moved four miles into the county before lifting 20 miles north of Mooreland or 5 miles west-northwest of Alabaster Caverns State Park. The tornado downed approximately a 3 mile area of power poles and lines along with trees shortly after crossing the county line. A three foot diameter tree was knocked over in this area. Several one to two foot diameter trees were also snapped. The tornado moved a couple miles east of the county line causing F1 damage at the Selman Living Laboratory Observatory 6 miles west of Alabaster Caverns. An outbuilding that was used for storage of scientific equipment and was secured on a block foundation with steel-strap anchors approximately four feet deep in hard earth, was moved off of its foundation. The outbuilding moved approximately 20 feet and pushed 6 feet into an adjacent outbuilding. A double-wide manufactured home located about 300 feet southeast of the outbuildings also sustained minor roof damage.

#### Woodward County

16 N Mooreland      19      1710CST                0      0      2.5K      **Thunderstorm Wind (EG69)**  
Barn doors were blown in. Multiple tree limbs, greater than 6 inches in diameter, were also downed.

#### Woodward County

21 N Mooreland      19      1715CST                0      0                **Thunderstorm Wind (MG50)**  
Wind was measured by the Oklahoma mesonet.

#### Comanche County

Chattanooga      19      2045CST                0      0      1K      **Thunderstorm Wind (EG56)**  
Three power poles were downed.

#### Comanche County

Ft Sill Aaf      19      2100CST                0      0      0.75K      **Thunderstorm Wind (EG56)**  
Two power poles were downed on the east range of Fort Sill Military Reservation, south of Elgin, OK

#### OKZ009>010

Ellis - Woodward  
29      1711CST  
1750CST                0      0                **High Wind (MG52)**

Strong winds were caused by collapsing thunderstorms in the area. A wind gust of 59 mph(51 KT) was measured by the KGAG ASOS at the Gage, OK airport. A second wind gust of 60 mph (52 KT) was measured by the KWWR AWOS at the Woodward, OK airport.

#### Harper County

9 S Buffalo      31      0040CST                0      0      0.10K      **Thunderstorm Wind (EG52)**  
Several tree limbs were downed.

#### Woodward County

17 N Mooreland      31      0130CST                0      0                **Hail(0.75)**

#### Harper County

Buffalo      31      0135CST                0      0                **Thunderstorm Wind (MG54)**  
The wind gust was measured by the Oklahoma mesonet.

#### Harper County

2 N Selman      31      0155CST                0      0                **Hail(0.75)**



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					Killed	Injured	Property	Crops	

### OKLAHOMA, Western, Central and Southeast

<b>Woods County</b>									
3 SSW Alva	31	0200CST			0	0			<b>Hail(0.88)</b>
<b>Woods County</b>									
Waynoka	31	0225CST			0	0			<b>Hail(0.88)</b>
<b>Kay County</b>									
Ponca City	31	0300CST			0	0			<b>Hail(0.75)</b>
<b>Cleveland County</b>									
Norman	31	0550CST			0	0	<b>150K</b>		<b>Lightning</b>
Lightning struck a home on Cove Hollow Drive causing a fire on the back porch which spread into the house. The fire caused heavy damage to the porch, attic, roof, and kitchen. No injuries occurred.									

### TEXAS, Western North

<b>Archer County</b>									
5 W Archer City	01	0035CST			0	0			<b>Hail(0.88)</b>
This was part of a severe weather event that began during the early evening hours of September 30, 2005.									
<b>TXZ089&gt;090</b>									
<b>Archer - Clay</b>									
	06	1130CST			0	0			<b>Flood</b>
	09	0230CST							
Thunderstorms and showers produced rainfall totals of 2 to 4 inches over parts of western north Texas during the evening of October 5 and morning of October 6 and produced minor to moderate flooding along the Little Wichita River in Archer and Clay counties. The USGS river gage site recorded a crest of 23.9 feet, 1.9 feet above flood stage around 1:00 am CST on October 8, and the river remained at flood stage from 11:30 am CST on October 6 to 2:30 am CST on October 9.									
Further downstream on the Little Wichita River and just downstream of Lake Arrowhead, the USGS river gage site near Henrietta, TX also recorded a crest above flood stage on October 8. The Little Wichita River near Henrietta crested at 20.5 feet, 2.5 feet above flood stage, at 3:00 pm CST on October 8, and remained above flood stage from 12:30 pm CST to 9:30 pm CST on October 8. Only minor lowland flooding occurred along the Little Wichita River in Archer and Clay counties during this event, and beneficial inflows into Lake Arrowhead helped raise lake elevations and conservation storage in the reservoir									