



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

Caddo County									
Hinton	03	0653CST			0	0			Hail(1.00)
Washita County									
6 N Colony	03	0700CST			0	0			Hail(0.88)
Noble County									
7 SSE Perry	03	0951CST			0	0			Hail(0.88)
OKZ036>037 Jackson - Tillman									
03		1010CST 1055CST			0	0	20K		High Wind (MG56)
<p>Decaying thunderstorms caused winds to gust from 58 to 64 mph during the morning hours. The strongest wind gust of 64 mph (56 knots) was measured at an Oklahoma mesonet station 4 miles south of Tipton in Tillman county. Wind gusts of 58 mph and 61 mph were also measured at Altus Air Force Base and a mesonet station 3 miles south of Altus, respectively. These winds caused significant damage to two buildings and uprooted several large trees in the town of Altus. The heaviest damage was sustained mainly on the southwest side of town. However, significant tree limbs were downed throughout town.</p>									
Kiowa County									
4 SE Hobart	03	1330CST			0	0			Thunderstorm Wind (MG53)
Kiowa County									
Lone Wolf	03	1332CST			0	0			Hail(0.88)
Alfalfa County									
Carmen	03	1506CST			0	0	2.5K		Thunderstorm Wind (EG56)
Power lines were downed across Main Street.									
Alfalfa County									
1 SSW Cherokee	03	1520CST			0	0			Thunderstorm Wind (MG55)
Wind was measured by the Oklahoma mesonet.									
Alfalfa County									
Cherokee	03	1530CST			0	0	1.5K		Thunderstorm Wind (EG61)
A tool shed rolled 5 to 6 times on the south side of town.									
Garfield County									
Vance Afb	03	1547CST			0	0			Thunderstorm Wind (MG58)
Kay County									
3 SW Hardy	03	2230CST	0.2	30	0	0			Tornado (F0)
A storm chaser took a photograph of this very thin, but fairly well developed tornado									
Cotton County									
5 W Walters	04	1538CST			0	0			Hail(1.00)
Hail was observed at mile marker 22 on Interstate 44, just north of the Walters exit.									
Grady County									
Chickasha	04	1546CST			0	0			Hail(0.75)
Comanche County									
Pumpkin Center	04	1600CST			0	0			Hail(0.88)
Grady County									
2 E Tuttle	04	1612CST			0	0			Hail(1.00)
Grady County									
1.5 S Tuttle	04	1615CST			0	0			Hail(1.00)
Hail was observed on Highway 92.									
Grady County									
2 NE Chickasha	04	1620CST			0	0			Hail(0.75)



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OKLAHOMA, Western, Central and Southeast

Grady County									
2 SW Ninnekah	04	1620CST			0	0			Hail(0.75)
Comanche County									
Lawton	04	1624CST			0	0			Hail(1.00)
Hail was observed on Highway 7 on the east side of town at the KSWO T.V. tower.									
Comanche County									
Lawton	04	1626CST			0	0			Hail(1.75)
Comanche County									
Pumpkin Center	04	1628CST			0	0			Hail(1.75)
Oklahoma County									
Bethany	04	1650CST			0	0			Hail(0.75)
Canadian County									
Yukon	04	1700CST			0	0			Hail(1.75)
Hail was reported covering the ground									
Comanche County									
3 SW Pumpkin Center to 1 ESE Pumpkin Center	04	1707CST 1713CST	3.5	150	0	0			Tornado (F0)
This tornado was observed by various spotters and media personnel. No damage was reported									
Logan County									
10 WSW Guthrie	04	1715CST			0	0			Hail(2.00)
Oklahoma County									
Bethany	04	1715CST			0	0			Hail(1.00)
Grady County									
5 NNW Rush Spgs	04	1720CST			0	0			Hail(1.00)
Comanche County									
5 S Sterling	04	1721CST			0	0			Hail(2.50)
Stephens County									
1 NW Marlow	04	1730CST			0	0			Hail(1.00)
Grady County									
2 S Rush Spgs	04	1731CST			0	0			Hail(0.75)
McClain County									
Newcastle	04	1732CST			0	0			Hail(0.75)
Grady County									
3 S Rush Spgs	04	1735CST			0	0			Hail(1.00)
Logan County									
1 SE Marshall	04	1743CST			0	0			Hail(1.00)
Payne County									
2 SW Lake Blackwell	04	1745CST			0	0			Hail(1.00)
Stephens County									
5 SW Marlow	04	1745CST	0.1	20	0	0			Tornado (F0)
This tornado was observed by an off-duty Storm Prediction Center meteorologist and several other chasers									
Canadian County									
8 NW Piedmont	04	1750CST			0	0			Hail(1.75)
Logan County									
10 WSW Guthrie	04	1755CST			0	0			Hail(0.88)



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OKLAHOMA, Western, Central and Southeast

Stephens County

Marlow	04	1758CST			0	0			Hail(0.88)
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Hail was reported by KWTW Channel 9 in Oklahoma City.

Stephens County

3 SE Marlow	04	1800CST			0	0			Hail(1.00)
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Kingfisher County

Cashion	04	1803CST			0	0			Hail(1.75)
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Grady County

6 SE Rush Spgs	04	1805CST			0	0			Hail(1.00)
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Logan County

5 W Navina	04	1805CST			0	0			Hail(1.75)
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Stephens County

Duncan	04	1805CST			0	0			Thunderstorm Wind (MG54)
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Wind was measured on the east side of town.

Kiowa County

Snyder	04	1810CST			0	0			Hail(1.25)
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Grady County

.5 S Rush Spgs	04	1815CST			0	0			Hail(0.75)
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Hail was reported on Highway 81.

Oklahoma County

Oklahoma City	04	1817CST			0	0			Hail(0.88)
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Hail was observed near the intersection of 63rd Street and Rockwell Avenue.

Grady County

10 SE Rush Spgs	04	1818CST			0	0			Hail(0.75)
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Caddo County

Anadarko	04	1854CST			0	0			Thunderstorm Wind (EG52)
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Wind was reported on the south side of town.

Caddo County

Anadarko	04	1856CST			0	0			Thunderstorm Wind (EG61)
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Wind was reported on the south side of town.

Caddo County

Anadarko	04	1903CST			0	0			Hail(0.75)
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Cleveland County

Norman	04	1910CST			0	0			Hail(1.00)
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Hail was observed near the intersection of 36th Avenue and Main Street.

Cleveland County

Norman	04	1910CST			0	0			Hail(0.75)
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Hail was reported at the intersection of NW 48th Avenue and Robinson Street.

Kay County

Kildare	04	1915CST			0	0			Hail(1.00)
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Stephens County

3 SE Marlow	04	1915CST			0	0	5K		Thunderstorm Wind (EG61)
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The strong wind gust caused roof damage and power poles to snap.

Comanche County

Lawton	04	1925CST			0	0			Hail(1.00)
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Kay County

Ponca City	04	1925CST			0	0			Hail(1.00)
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Hail was reported on the southeast side of town.



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OKLAHOMA, Western, Central and Southeast

Comanche County									
Lawton	04	1926CST			0	0			Hail(1.00)
Garvin County									
Foster	04	1929CST			0	0			Hail(0.88)
Comanche County									
5 W Fletcher	04	1930CST			0	0			Hail(1.75)
Garvin County									
Elmore City	04	1930CST			0	0			Hail(0.75)
Garvin County									
Foster	04	1930CST			0	0			Hail(0.88)
Pontotoc County									
8 W Ada	04	1950CST			0	0			Thunderstorm Wind (MG52)
Mcclain County									
8 E Byars	04	1955CST			0	0			Hail(0.88)
Grady County									
Rush Spgs	04	2015CST			0	0			Hail(0.75)
Hail was observed on the south side of town on Highway 81.									
Hughes County									
Holdenville	04	2025CST			0	0			Thunderstorm Wind (MG54)
Hughes County									
5 WNW Calvin	04	2030CST			0	0			Thunderstorm Wind (MG50)
Wind gust was measured by the Oklahoma mesonet.									
Alfalfa County									
Goltry	04	2033CST			0	0			Hail(1.00)
Hail was observed on Main Street.									
Jefferson County									
10 W Ringling	04	2045CST			0	0			Hail(0.75)
Seminole County									
Sasakwa	04	2045CST			0	0	3.5K		Thunderstorm Wind (EG56)
Power lines and trees were downed due to the strong wind gust.									
Pontotoc County									
2 NE Vanoss	04	2050CST			0	0			Thunderstorm Wind (MG56)
Wind gust was measured by the Oklahoma mesonet.									
Pontotoc County									
6 W Pickett	04	2058CST			0	0			Hail(0.88)
Carter County									
7 WNW Ardmore	04	2125CST			0	0			Thunderstorm Wind (MG54)
The wind gust was measured by the Oklahoma mesonet.									
Jefferson County									
Waurika Lake	04	2145CST			0	0	15K		Thunderstorm Wind (EG61)
The strong wind gust overturned a trailer and destroyed two tents.									
Pontotoc County									
1 W Fittstown	04	2145CST			0	0	0.10K		Thunderstorm Wind (EG52)
Tree limbs, two inches in diameter, were downed.									
Carter County									
2 E Ardmore	04	2200CST			0	0	7.5K		Thunderstorm Wind (EG56)
One end of a barn was blown out.									



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OKLAHOMA, Western, Central and Southeast

Hughes County									
5 S Calvin	04	2215CST			0	0	0.10K		Thunderstorm Wind (EG52)
Two inch diameter tree limbs were downed.									
Carter County									
7 WNW Ardmore	04	2225CST			0	0			Thunderstorm Wind (MG54)
The wind gust was measured by the Oklahoma mesonet.									
Carter County									
7 WNW Ardmore	04	2230CST			0	0			Thunderstorm Wind (MG53)
The wind gust was measured by the Oklahoma mesonet.									
Carter County									
1 NW Ardmore	04	2240CST			0	0	0.50K		Thunderstorm Wind (EG56)
Tree limbs, four inches in diameter, were downed.									
Kiowa County									
1 S Roosevelt	05	1605CST			0	0			Hail(0.88)
Kiowa County									
Roosevelt	05	1610CST			0	0			Hail(0.75)
Kiowa County									
Roosevelt	05	1623CST			0	0			Hail(0.88)
Hail was observed at the intersection of Highway 19 and Highway 183.									
Kiowa County									
Roosevelt	05	1627CST			0	0			Hail(1.00)
Hail was reported on the north side of town near the intersection of Highway 19 and Highway 183.									
Kiowa County									
.3 W Roosevelt	05	1632CST			0	0			Hail(1.25)
Hail was observed on Highway 19.									
Kiowa County									
Roosevelt	05	1638CST			0	0			Hail(1.00)
Kiowa County									
Roosevelt	05	1710CST			0	0			Hail(0.75)
Kiowa County									
3 SW Cooperton	05	1724CST			0	0			Hail(1.00)
Kiowa County									
3 SE Roosevelt	05	1732CST			0	0			Hail(1.25)
Kiowa County									
3 SE Roosevelt	05	1733CST			0	0			Hail(1.75)
Kiowa County									
4 SE Roosevelt	05	1740CST			0	0			Hail(2.50)
Kiowa County									
5.5 N Mountain Park	05	1741CST			0	0			Hail(1.25)
Hail was observed on Highway 183.									
Kiowa County									
5 SSE Roosevelt	05	1743CST			0	0			Hail(3.00)
Kiowa County									
8.5 ESE Roosevelt	05	1752CST			0	0			Hail(0.88)
Hail was observed one mile west of Highway 54.									
Kiowa County									
4 N Mountain Park	05	1808CST			0	0			Hail(2.00)



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OKLAHOMA, Western, Central and Southeast

Kiowa County

2 W Mountain Park	05	1825CST 1826CST	0.3	30	0	0			Tornado (F0)
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Numerous storm chasers and media personnel observed this tornado. No damage was reported.

Kiowa County

4 NNW Mountain Park	05	1830CST			0	0			Hail(0.88)
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Hail was reported at the Great Plains State Park.

Kiowa County

4 NNW Mountain Park	05	1835CST			0	0			Hail(1.00)
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Hail was reported at the Great Plains State Park.

Kiowa County

5 W Mountain Park to 5 WNW Snyder	05	1836CST 1839CST	1	50	0	0	15K		Tornado (F1)
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This tornado was observed by numerous chasers and media personnel. The tornado caused major roof damage to one home. Another home received light roof damage. A barn was also destroyed. Trees and limbs were also reported down. One home was located 5 miles west and 1.2 miles south of Mountain Park. The second home was located 5 miles west and 1.5 miles south of Mountain Park. The destroyed barn was located 5 miles west and 1.75 miles south of Mountain Park.

Kiowa County

3 N Roosevelt	05	1839CST			0	0			Hail(0.88)
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Kiowa County

4 W Roosevelt	05	1839CST			0	0			Hail(0.88)
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Kiowa County

Mountain Park	05	1846CST			0	0			Hail(0.75)
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Kiowa County

Mountain Park	05	1847CST			0	0			Hail(1.00)
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Kiowa County

Mountain Park	05	1851CST			0	0			Hail(1.75)
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Kiowa County

Mountain Park	05	1853CST			0	0			Hail(1.25)
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Kiowa County

1 W Snyder	05	1858CST			0	0			Thunderstorm Wind (EG56)
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Kiowa County

5 W Mountain Park	05	1913CST			0	0			Hail(1.00)
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Jackson County

Altus Afb	05	1938CST			0	0			Hail(0.75)
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Kiowa County

4 S Snyder	05	1944CST			0	0			Hail(1.00)
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Hail was reported on Highway 183.

Jackson County

1 E Friendship	05	1945CST			0	0			Hail(0.88)
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Jackson County

Altus Muni Arprt	05	1955CST			0	0			Hail(0.75)
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Jackson County

Altus Afb	05	1956CST			0	0			Hail(0.75)
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Tillman County

1 W Manitou	05	2018CST			0	0			Hail(0.88)
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OKLAHOMA, Western, Central and Southeast

Tillman County
4 S Tipton **05** **2025CST** **0** **0** **Thunderstorm Wind (MG51)**
 Wind gust was measured by the Oklahoma mesonet.

Tillman County
Frederick Arpt **05** **2036CST** **0** **0** **Thunderstorm Wind (MG64)**
 Wind gust was measured by the KFDR AWOS.

Tillman County
Frederick **05** **2040CST** **0** **0** **Thunderstorm Wind (EG65)**

Tillman County
Frederick **05** **2040CST**
 2100CST **0** **0** **10K** **Thunderstorm Wind (EG69)**
 A two foot diameter tree and several large tree limbs were downed. A fence was blown over and power poles were downed.

Tillman County
Grandfield **05** **2115CST** **0** **0** **2K** **Thunderstorm Wind (EG61)**
 Eight inch diameter tree limbs were downed.

Tillman County
Grandfield **05** **2117CST** **0** **0** **Thunderstorm Wind (EG61)**

Comanche County
3 NNW Elgin **05** **2130CST** **0** **0** **Thunderstorm Wind (EG52)**

Cotton County
2 W Randlett **05** **2130CST** **0** **0** **Thunderstorm Wind (MG52)**
 Wind gust was measured near Interstate 44.

Cotton County
4 N Devol **05** **2145CST** **0** **0** **Thunderstorm Wind (EG52)**

Jefferson County
5 W Waurika **05** **2206CST** **0** **0** **Thunderstorm Wind (MG52)**

Cotton County
Randlett **05** **2215CST** **0** **0** **2.5K** **Thunderstorm Wind (EG56)**
 Power poles were downed.

Grant County
Jefferson **06** **0140CST** **0** **0** **Hail(1.00)**

Kay County
Blackwell **06** **0158CST** **0** **0** **Hail(0.75)**

Roger Mills County
7 NNE Cheyenne **06** **2335CST** **0** **0** **0.50K** **Thunderstorm Wind (EG52)**
 Two to three inch diameter tree limbs were downed.

Woods County
2 N Lookout **07** **1847CST** **0** **0** **Hail(1.00)**
 Hail was reported by KOCO Channel 5 in Oklahoma City.

Lincoln County
Carney to **09** **0845CST**
2 S Carney **1245CST** **0** **0** **Flash Flood**
 A nearly stationary supercell thunderstorm dropped isolated rainfall amounts of 3 to 4 inches over northwestern Lincoln County during the late morning and early afternoon hours of June 9, and caused flash flood problems along Bellcow Creek. At 9:40 am CST, Lincoln County law enforcement officials reported that Bellcow Creek had overflowed its banks and produced minor lowland flooding on the west side of Carney, OK. The flash flooding along Bellcow Creek continued into the early afternoon hours in northern Lincoln County. At 12:30 pm local emergency management personnel reported flash flooding 2 miles south of Carney where floodwaters from Bellcow Creek had overtopped U.S. Highway 177.



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					Killed	Injured	Property	Crops	

OKLAHOMA, Western, Central and Southeast

Lincoln County 8 W Tryon	09	1044CST			0	0			Hail(1.75)
Canadian County Yukon	09	1258CST 1500CST			0	0			Flash Flood
<p>A small complex of thunderstorms dropped 2 to 3 inches of rain over southeastern Canadian County during the early afternoon hours of June 9. At 12:59 pm CST, flash flooding was reported by the Yukon, OK police department at two places in the city of Yukon. Flash flooding closed Wagoner Road in Yukon near the intersection of Wagoner Road and 11th Street. In addition, areas along Mustang Road and Sarah Road were closed due to high water.</p>									
Woodward County 10 ESE Mutual	09	1500CST			0	0			Hail(0.88)
<p>Hail was reported by KWTV Channel 9 in Oklahoma City.</p>									
Dewey County 7 N Leedey	09	1515CST			0	0			Hail(0.75)
Dewey County Vici	09	1545CST			0	0			Hail(1.00)
<p>Hail was reported by KWTV Channel 9 in Oklahoma City.</p>									
Dewey County 4 W Vici	09	1548CST			0	0			Hail(1.75)
<p>Hail was reported by KWTV Channel 9 in Oklahoma City.</p>									
Dewey County 4 W Vici	09	1549CST			0	0			Hail(2.50)
Dewey County 4 S Vici	09	1600CST			0	0			Hail(1.75)
<p>Hail was reported by KOCO Channel 5 in Oklahoma City.</p>									
Dewey County 1 S Vici	09	1605CST			0	0			Hail(2.75)
<p>Hail was reported by KFOR Channel 4 in Oklahoma City.</p>									
Dewey County Vici	09	1612CST			0	0	200K		Hail(3.00)
<p>Hail was an oblong stone which measured 2.5 inches by 3.5 inches. The large hail caused damage to vehicles along with damage to windows and roofs of homes. Tree limbs were also downed.</p>									
Woodward County 4 SSW Sharon	09	1628CST			0	0	0.50K		Hail(1.75)
<p>The hail caused minor vehicle damage.</p>									
Roger Mills County Durham	09	2017CST			0	0			Thunderstorm Wind (EG52)
Roger Mills County Cheyenne	09	2035CST			0	0			Thunderstorm Wind (EG52)
Roger Mills County Reydon	09	2037CST			0	0	7.5K		Thunderstorm Wind (EG61)
<p>The roof was blown off a picnic pavilion at Skipout Lake</p>									
Beckham County 4 ESE Erick	09	2040CST			0	0			Thunderstorm Wind (MG54)
<p>Wind was measured by the Oklahoma mesonet.</p>									
Beckham County 4 ESE Erick	09	2045CST			0	0			Thunderstorm Wind (MG59)
<p>Wind was measured by the Oklahoma mesonet.</p>									



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OKLAHOMA, Western, Central and Southeast

Roger Mills County

10 SE Reydon **09 2050CST** **0** **0** **5K** **Thunderstorm Wind (EG61)**
 The wind blew a barn door off.

Beckham County

Elk City **09 2110CST** **0** **0** **0.50K** **Thunderstorm Wind (EG52)**
 Two inch diameter tree limbs were downed.

Washita County

4 WNW Bessie **09 2130CST** **0** **0** **Thunderstorm Wind (MG54)**
 Wind was measured by the Oklahoma mesonet.

Jackson County

Eldorado **09 2225CST** **0** **0** **Thunderstorm Wind (MG50)**
 Wind was measured on Highway 6, just west of town.

Greer County

4 S Mangum **09 2239CST** **0** **0** **Hail(0.88)**

Jackson County

Duke **09 2247CST** **0** **0** **Hail(0.75)**
 Hail was observed just south of town.

Woods County

Avard **10 1415CST** **0** **0** **Hail(0.75)**

Woodward County

1 N Mooreland **10 1520CST** **0** **0** **Flash Flood**
1815CST
 At 3:30 pm CST, local emergency management personnel reported floodwaters from flash flooding over Oklahoma State Highway 50 one mile north of Mooreland after measured rainfall amounts up to 4.5 inches fell over the area.

Woods County

Waynoka to **10 1530CST** **0** **0** **Flash Flood**
3 S Waynoka **1815CST**
 At 3:45 pm CST, city officials at Waynoka, OK in Woods County reported significant street flooding in Waynoka. In addition, media sources reported a local road washed out by flash floodwaters near Little Sahara State Park, 3 miles south of Waynoka, at 3:57 pm CST.

Alfalfa County

Burlington **10 1700CST** **0** **0** **Flash Flood**
1830CST
 Alfalfa County law enforcement reported that several county and local roads in and near Burlington, OK were closed due to high water.

Alfalfa County

Cherokee **10 1700CST** **0** **0** **Flash Flood**
1830CST
 Alfalfa County law enforcement also reported that several county and local roads in and near Cherokee, OK were closed due to high water.

Alfalfa County

3 W Ingersoll **10 1700CST** **0** **0** **Flash Flood**
1830CST
 At 5:10 pm CST, Alfalfa County law enforcement personnel reported that U.S. Highway 64 was closed due to water over the roadway 3 miles west of Ingersoll, OK

OKZ004>005-010>011-017>018 Harper - Woods - Woodward - Major - Blaine - Kingfisher

10 2130CST **0** **0** **Flood**
14 1700CST
 Strong to severe rainfall-producing thunderstorms helped produce a significant flood event across northwestern through central Oklahoma, especially in the Cimarron River basin. The heavy rainfall and subsequent runoff eventually produced minor to moderate



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

flooding along the Cimarron River.

Minor to moderate rural flooding occurred along the Cimarron River 5 miles south of Waynoka, OK at the river gage site. The Cimarron River initially crested at 10.1 feet, 2.1 feet above flood stage, at 3:30 am CST on June 11, and then fell to just above flood stage early on June 12. However, more heavy rains and runoff during the morning and afternoon of June 12 produced a second, higher crest of 10.9 feet, 2.9 feet above flood stage, at 10:30 pm CST on June 12. The Cimarron River at the Waynoka gage site was above flood stage from 9:30 pm CST on June 10 to 2:30 pm CST on June 14.

The high flows on the Cimarron eventually routed downstream and produced near bankfull conditions on the Cimarron River 9 miles east of Okeene, and minor flooding conditions at the river gage site 2 miles south of Dover, OK. The Cimarron River near Dover crested at 17.2 feet, 0.2 feet above flood stage, at 10:30 am on June 14, and remained above flood stage from 6:00 am CST to 5:00 pm CST on June 14.

High flows along the Cimarron River in southwestern Kansas eventually moved down the river into northwestern Oklahoma, and brought minor flooding conditions along near the Oklahoma-Kansas border. The Cimarron River crested at 8:00 am CST on June 14 at 6.0 feet, which is flood stage, at the river gage site 17 miles northeast of Buffalo, OK.

During a 72-hour period on June 10-13, strong to severe rainfall-producing thunderstorms helped produce a significant flood event across northwestern through central Oklahoma, especially in the Cimarron River basin. Due to the saturating rains flash flooding also occurred in portions of northwest Oklahoma. During this period a strong upper level storm system combined with quasi-stationary front at the surface generated multiple rounds of thunderstorms over the region.

Ellis County Gage Arpt	11	2343CST							Thunderstorm Wind (MG60)
		Wind was measured by the KGAG ASOS.			0	0			

Ellis County Gage Arpt	11	2346CST							Thunderstorm Wind (MG60)
		Wind was measured by the KGAG ASOS.			0	0			

Woodward County 2 WSW Woodward	12	0010CST							Thunderstorm Wind (MG52)
		Wind was measured by the Oklahoma mesonet.			0	0			

Roger Mills County 6 SW Cheyenne	12	0055CST							Thunderstorm Wind (MG52)
		Wind was measured by the Oklahoma mesonet.			0	0			

Dewey County 8 N Leedey	12	0130CST							Thunderstorm Wind (EG52)
		Three inch diameter tree limbs from a live apricot tree were downed.			0	0	0.50K		

Custer County 3 N Mc Clure Station	12	0150CST							Thunderstorm Wind (EG52)
		Three inch diameter tree limbs were downed.			0	0	0.50K		

Ellis County 1 W Arnett to 3 W Arnett	12	0900CST 1030CST							Flash Flood
		Multiple rounds of showers and thunderstorms on June 10-13 produced 3-day rainfall totals up to 7 inches over parts of Ellis county in northwestern Oklahoma. The ground eventually became saturated in some areas during this period producing flash flooding in Ellis county. Several rural roads were scoured or covered by floodwaters in Ellis County during this period, including some roads west of Arnett, OK.			0	0			

Ellis County Shattuck to 2 N Shattuck	12	0900CST 1030CST							Flash Flood
		Multiple rounds of showers and thunderstorms saturated grounds in western Ellis county causing flash flooding in some areas. Rock Creek and Wolf Creek overtopped their banks near Shattuck, OK, and covered agricultural fields and some low-lying roads in the area.			0	0			



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2005

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<u>OKLAHOMA, Western, Central and Southeast</u>									
Noble County									
1 S Billings	12	1200CST			0	0			Hail(0.88)
Grant County									
Medford	12	1220CST			0	0			Hail(0.75)
Kay County									
2 W Tonkawa	12	1229CST			0	0			Hail(0.88)
									Hail was reported on Interstate 35.
Noble County									
Perry	12	1340CST			0	0			Hail(0.75)
Ellis County									
1 W Arnett to 3 W Arnett	12	1400CST 1800CST			0	0			Flash Flood
									After a brief break from the heavy rains, already saturated land received additional heavy rainfall in the afternoon across Ellis county causing additional flash flooding west of Arnett, OK. Several rural roads were scoured or covered by the floodwaters.
Ellis County									
Shattuck to 2 N Shattuck	12	1400CST 1800CST			0	0			Flash Flood
									The heavy rains decreased for a brief period before additional thunderstorms dropped heavy rains over already saturated ground in parts of Ellis county. Additional flash flooding occurred as Rock Creek and Wolf Creek overtopped their banks again near Shattuck, OK, and covered agricultural fields and some low-lying roads in the area
Woodward County									
Woodward	12	1430CST 1600CST			0	0			Flash Flood
									In the city of Woodward, in Woodward County, significant street flooding was reported by law enforcement personnel within the city at 2:40 pm CST on June 12.
Washita County									
4 WNW Bessie	12	1525CST			0	0			Thunderstorm Wind (MG50)
									Wind was measured by the Oklahoma mesonet.
Washita County									
4 WNW Bessie	12	1530CST			0	0			Thunderstorm Wind (MG80)
									Wind was measured by the Oklahoma mesonet.
Custer County									
4 SSW Butler	12	1533CST			0	0			Thunderstorm Wind (EG52)
Beckham County									
5 N Carter	12	1543CST			0	0			Hail(0.75)
Custer County									
Clinton to 1 SE Clinton	12	1544CST			0	0	300K		Thunderstorm Wind (EG69)
									The strong winds damaged the roofs of several buildings and homes. One building was the United Grocery Store. The main roof damage was shingles blown off. Several carpools were also blown over. Power lines were downed. A few semi-trucks were overturned on Interstate 40.
Custer County									
Arapaho	12	1548CST			0	0			Thunderstorm Wind (EG61)
Custer County									
Clinton	12	1555CST			0	0	1K		Thunderstorm Wind (EG52)
									Two to three inch diameter tree limbs were downed.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

Custer County									
9 W Thomas	12	1605CST			0	0			Thunderstorm Wind (EG56)
Dewey County									
Vici	12	1620CST			0	0			Hail(1.00)
Dewey County									
Vici	12	1623CST			0	0			Hail(1.25)
Blaine County									
16 WSW Geary	12	1626CST			0	0			Thunderstorm Wind (EG52)
Washita County									
Colony	12	1648CST			0	0			Thunderstorm Wind (EG69)
Washita County									
Colony	12	1648CST			0	0	2.5K		Thunderstorm Wind (EG69)
Power lines were downed.									
Washita County									
Dill City	12	1720CST			0	0			Hail(1.00)
Washita County									
5 WSW Cordell	12	1726CST			0	0			Hail(1.00)
Harmon County									
2 E Vinson	12	1749CST			0	0			Hail(0.88)
Caddo County									
1 N Lookeba	12	1758CST			0	0			Thunderstorm Wind (EG69)
Grady County									
4 W Tuttle	12	1805CST			0	0			Thunderstorm Wind (EG52)
Greer County									
1 N Mangum	12	1823CST			0	0			Hail(1.00)
Oklahoma County									
Oklahoma City	12	1835CST			0	0			Thunderstorm Wind (MG56)
Wind was measured by KOCO Channel 5 in Oklahoma City at the intersection of Interstate 40 and 44									
Cleveland County									
Moore	12	1840CST			0	0	10K		Thunderstorm Wind (EG61)
Strong wind gusts caused part of the roof and front paneling on a vacant warehouse to be ripped off. A backyard fence was also destroyed with 4x4 posts snapped in half.									
Logan County									
6 S Guthrie	12	1915CST			0	0	0.75K		Thunderstorm Wind (EG61)
A large tree was down across the road near the intersection of Sooner Road and Forrest Hills									
Pottawatomie County									
3 SW Mc Loud	12	1922CST			0	0			Thunderstorm Wind (EG52)
Lincoln County									
8 N Chandler	12	1936CST			0	0			Thunderstorm Wind (EG56)
OKZ017-023>024									
Blaine - Caddo - Canadian									
	13	0000CST 2230CST			0	0			Flood
Heavy rainfall causing locally high flows along the Canadian River in west central Oklahoma also produced flooding on June 13. The Canadian River near Bridgeport, OK crested at 15.0 feet, 1 foot above flood stage, at 8:30 am CST on June 13, and remained above flood stage from 12:00 am CST to 10:30 pm CST on June 13.									
Cleveland County									
10 E Moore	13	1451CST			0	0			Hail(0.75)
Hail was observed on the southeast side of Lake Stanley Draper									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2005

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<u>OKLAHOMA, Western, Central and Southeast</u>									
Pottawatomie County									
8 NW Shawnee	13	1530CST			0	0			Hail(0.88)
Comanche County									
Lawton	13	1533CST			0	0			Hail(1.00)
									Hail was reported at Interstate 44 and Lee Boulevard.
Pottawatomie County									
3 W Shawnee	13	1538CST			0	0			Hail(1.00)
Mcclain County									
2 W Payne	13	1542CST			0	0			Hail(0.75)
Comanche County									
2 E Pumpkin Center	13	1547CST			0	0			Hail(0.88)
Mcclain County									
4 SW Payne	13	1605CST			0	0			Hail(1.75)
Pottawatomie County									
Tecumseh	13	1608CST			0	0			Hail(0.88)
Stephens County									
5 SW Marlow	13	1612CST			0	0			Hail(1.00)
Comanche County									
Geronimo	13	1615CST			0	0			Hail(1.00)
Pottawatomie County									
5 NE Shawnee	13	1618CST			0	0			Hail(0.88)
									Hail was observed at mile marker 190 on Interstate 40.
Seminole County									
4 W Little	13	1630CST			0	0			Hail(0.75)
Comanche County									
Geronimo	13	1631CST			0	0			Hail(0.75)
Seminole County									
Seminole	13	1652CST			0	0			Hail(1.00)
Cotton County									
4 W Temple	13	1722CST			0	0			Hail(0.75)
Stephens County									
Velma	13	1730CST			0	0			Hail(0.75)
Pontotoc County									
Garr Corner	13	1732CST			0	0			Thunderstorm Wind (EG61)
Hughes County									
Dustin	13	1735CST			0	0			Thunderstorm Wind (EG52)
Cotton County									
Randlett	13	1742CST			0	0			Hail(0.88)
Garvin County									
5 N Hennepin	13	1745CST			0	0			Hail(0.88)
Stephens County									
Velma	13	1745CST			0	0			Hail(0.75)
Carter County									
Ratliff City	13	1753CST			0	0			Hail(1.75)
Carter County									
4 N Healdton	13	1800CST			0	0			Hail(0.75)
Cotton County									
Taylor	13	1800CST			0	0			Hail(1.00)



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2005

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OKLAHOMA, Western, Central and Southeast

Hughes County									
4 WNW Yeager	13	1800CST			0	0			Hail(1.00)
Jefferson County									
3 N Waurika	13	1814CST			0	0			Thunderstorm Wind (MG58)
Pontotoc County									
Ada	13	1815CST			0	0			Hail(1.00)
Hail was reported on the west side of town.									
Stephens County									
Loco	13	1815CST			0	0			Hail(0.75)
Jefferson County									
4 N Waurika	13	1819CST			0	0			Hail(1.00)
Jefferson County									
Ringling	13	1901CST			0	0			Hail(0.88)
Woods County									
Alva	15	2140CST			0	0			Thunderstorm Wind (EG52)
Blaine County									
7 W Watonga	16	0025CST			0	0			Thunderstorm Wind (MG60)
Wind was measured by the Oklahoma mesonet.									
Harper County									
9 NW Buffalo	16	1600CST			0	0			Hail(0.88)
Harper County									
9 NW Buffalo	16	1635CST			0	0			Hail(1.00)
Harper County									
9 NW Buffalo	16	1735CST			0	0			Hail(0.75)
Harper County									
5 N Rosston	16	1750CST			0	0			Hail(0.75)
Harper County									
4 NW Rosston	16	1802CST			0	0			Hail(1.50)
Woods County									
1 SW Lookout	16	1813CST			0	0			Hail(1.75)
Woods County									
4 NNW Plainview	16	1815CST			0	0			Hail(1.00)
Harper County									
2 NW Laverne	16	1820CST			0	0			Thunderstorm Wind (EG52)
Harper County									
Buffalo	16	1824CST			0	0			Hail(1.25)
Harper County									
Rosston	16	1830CST			0	0			Hail(1.75)
Harper County									
4 N Laverne	16	1835CST			0	0			Thunderstorm Wind (MG59)
Harper County									
6 SE Buffalo	16	1909CST			0	0			Hail(0.88)
Woodward County									
15 N Mooreland	16	1915CST			0	0			Hail(1.75)
Woodward County									
15 N Mooreland	16	1915CST			0	0			Thunderstorm Wind (EG52)
Woodward County									
21 NNE Mooreland	16	1920CST			0	0			Thunderstorm Wind (MG56)
Wind was measured by the Oklahoma mesonet.									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2005

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OKLAHOMA, Western, Central and Southeast

Woods County									
Alva Muni Arpt	16	1933CST			0	0			Thunderstorm Wind (MG51)
Wind was measured by the KAVK AWOS.									
Woods County									
7 SSW Alva	16	1935CST			0	0			Thunderstorm Wind (MG53)
Wind was measured by the Oklahoma mesonet.									
Woodward County									
17 N Mooreland	16	1935CST			0	0			Hail(1.00)
Woodward County									
17 N Mooreland	16	1935CST			0	0			Thunderstorm Wind (EG52)
Woods County									
3.5 SSW Waynoka	16	1940CST 1950CST			0	0	20K		Hail(1.75)
The golf ball size hail along with strong winds caused damage to 5 campers and 5 trucks at the Little Sahara State Park. Siding on the campers was cut. Holes were found in the doors. A roof vent was also shattered									
Woods County									
Waynoka	16	1940CST			0	0			Hail(1.00)
Woods County									
6 NW Waynoka	16	1940CST			0	0			Hail(1.00)
Woods County									
Waynoka	16	1940CST			0	0	5K		Thunderstorm Wind (EG56)
Shop doors were ripped off.									
Woods County									
3.5 SSW Waynoka	16	1940CST 2005CST			0	0	10K		Thunderstorm Wind (EG61)
Strong winds caused some damage at a campground at Little Sahara State Park. A 30 foot travel trailer was moved twelve inches sideways off all four jacks. An 18 foot travel trailer was also spun around hitting a pick-up. A propane tank cover near the trailers ended up a quarter of a mile away. Approximately 200 yards from the campers, the roof was taken off the Little Sahara Power Sports building. Golf ball hail also caused damage									
Woods County									
4 W Dacoma	16	1945CST			0	0			Thunderstorm Wind (MG64)
Harper County									
Laverne	16	1950CST			0	0			Hail(0.75)
Harper County									
6 S Laverne	16	1955CST			0	0			Hail(2.75)
Major County									
17 NNE Chester	16	2000CST			0	0			Thunderstorm Wind (EG52)
Alfalfa County									
Aline	16	2005CST			0	0	7.5K		Thunderstorm Wind (EG61)
A foot diameter tree and power poles were downed. Shingles were also blown off a roof									
Alfalfa County									
Carmen	16	2005CST			0	0	5K		Thunderstorm Wind (EG61)
One foot diameter trees downed. Power poles were also downed.									
Woods County									
12 ESE Waynoka	16	2005CST			0	0			Thunderstorm Wind (EG61)
Alfalfa County									
Aline	16	2010CST			0	0			Thunderstorm Wind (EG52)



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2005

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OKLAHOMA, Western, Central and Southeast

Major County

Ringwood	16	2020CST			0	0	50K		Thunderstorm Wind (EG61)
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Ten to twelve inch diameter trees were uprooted. Awnings were blown down. Shingles were also blown off roofs. A brick wall of a car wash collapsed on a car.

Woodward County

4 NW Woodward	16	2020CST 2030CST			0	0	80K		Thunderstorm Wind (EG65)
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A barn was damaged.

Woodward County

5 NW Woodward	16	2020CST 2030CST			0	0	0.50K		Thunderstorm Wind (EG61)
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Sign damage was reported.

Major County

3 S Ringwood	16	2025CST			0	0	40K		Thunderstorm Wind (EG69)
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A mobile home was rolled onto Highway 58

Major County

Isabella	16	2030CST			0	0	30K		Thunderstorm Wind (EG61)
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A two car garage was destroyed on the east side of town.

Woodward County

Woodward Arprt	16	2031CST			0	0			Thunderstorm Wind (MG59)
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Wind was measured by the KWWR AWOS.

Garfield County

Lahoma	16	2040CST			0	0			Hail(0.75)
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Major County

3 E Meno	16	2040CST			0	0			Thunderstorm Wind (MG52)
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Wind was measured by the Oklahoma mesonet.

Blaine County

Okeene	16	2043CST			0	0			Thunderstorm Wind (EG61)
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The wind gust was reported by KFOR Channel 4 in Oklahoma City.

Garfield County

Lahoma	16	2045CST			0	0			Thunderstorm Wind (EG52)
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Major County

3 E Meno	16	2045CST			0	0			Thunderstorm Wind (MG55)
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Wind was measured by the Oklahoma mesonet.

Dewey County

4 WNW Camargo	16	2050CST			0	0			Thunderstorm Wind (MG52)
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Wind was measured by the Oklahoma mesonet.

Dewey County

4 WNW Camargo	16	2055CST			0	0			Thunderstorm Wind (MG56)
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Wind was measured by the Oklahoma mesonet.

Woodward County

6 SE Mutual	16	2055CST			0	0			Thunderstorm Wind (MG51)
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Wind was measured by the Oklahoma mesonet.

Dewey County

Taloga	16	2100CST 2125CST			0	0	2.5K		Thunderstorm Wind (EG56)
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Power lines were downed, briefly closing Highway 183.

Kingfisher County

Hennessey to 17 E Hennessey	16	2100CST 2140CST			0	0	250K		Thunderstorm Wind (EG61)
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In Hennessey, a gas station awning was blown down onto the gas pumps. Two power poles were snapped. Several businesses had



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2005

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OKLAHOMA, Western, Central and Southeast

sign damage. Numerous tree limbs downed. A chain link fence was also downed. A store, just east of town on Highway 51, had major damage. The canopy and roof were blown off. A plate glass window was also broken. Further east of Hennessey to the Kingfisher-Logan county line, widespread tree damage and several barns sustained roof damage

Kingfisher County

Dover 16 2105CST 0 0 **Thunderstorm Wind (EG74)**

Kingfisher County

Hennessey 16 2105CST 0 0 **Hail(0.88)**

Kingfisher County

**3.6 NE Loyal to
4.2 NE Loyal** 16 2105CST
2145CST 0 0 10K **Thunderstorm Wind (EG61)**

A barn door blew off hitting a nearby house putting a hole in the roof. The barn also sustained some roof damage. About a mile east of the barn, the pillars of a front porch were picked up and set down at an angle.

Dewey County

Camargo 16 2108CST
2125CST 0 0 75K **Thunderstorm Wind (EG69)**

The roof was ripped off a grain elevator with the rest of the structure collapsing in on itself. Downed trees and power lines caused a brief closing of Highway 34. Large tree limbs fell onto two vehicles. Several large trees were also uprooted. One tree was split

Dewey County

3 N Putnam 16 2115CST 0 0 **Thunderstorm Wind (MG51)**
Wind was measured by the Oklahoma mesonet.

Logan County

Marshall 16 2115CST
2135CST 0 0 50K **Thunderstorm Wind (EG78)**

A large water tank at the local CO-OP was moved six blocks. Significant tree damage was reported. A large tree fell on a car. A trampoline became airborne and hit the house taking a corner of the roof off. The trampoline was found wrapped around a barb-wire fence.

Blaine County

Okeene 16 2120CST 0 0 **Hail(0.88)**

Logan County

5 SE Marshall 16 2120CST
2140CST 0 0 3.5K **Thunderstorm Wind (EG74)**

Numerous tree limbs and several trees downed. Power lines were also downed.

Garfield County

2 E Hayward 16 2123CST 0 0 **Hail(0.75)**

Logan County

4 SSE Marshall 16 2125CST 0 0 **Thunderstorm Wind (MG87)**
Wind was measured by the Oklahoma mesonet.

Logan County

4 SSE Marshall 16 2130CST 0 0 **Thunderstorm Wind (MG65)**
Wind was measured by the Oklahoma mesonet.

Kingfisher County

3 N Cashion 16 2137CST 0 0 **Thunderstorm Wind (EG56)**
Wind gust was reported on Highway 33 by KFOR Channel 4 in Oklahoma City

Payne County

12 W Stillwater 16 2145CST 0 0 **Thunderstorm Wind (MG63)**

Custer County

3 NE Clinton Arpt 16 2150CST 0 0 **Thunderstorm Wind (MG51)**
Wind was measured by the KCLK AWOS.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

Logan County									
Langston	16	2151CST 2220CST			0	0	0.75K		Thunderstorm Wind (EG56)
			A tree along with some limbs were downed.						
Logan County									
Coyle	16	2152CST 2225CST			0	0	1.5K		Thunderstorm Wind (EG61)
			Eight trees were downed. Small structure damage was also reported						
Washita County									
4 WNW Bessie	16	2155CST			0	0			Thunderstorm Wind (MG50)
			Wind was measured by the Oklahoma mesonet.						
Logan County									
1 S Orlando	16	2157CST			0	0			Thunderstorm Wind (EG61)
Custer County									
4 WSW Weatherford	16	2200CST			0	0			Thunderstorm Wind (MG51)
			Wind was measured by the Oklahoma mesonet.						
Payne County									
9.5 W Stillwater	16	2200CST			0	0			Thunderstorm Wind (EG78)
Payne County									
11 SW Stillwater	16	2205CST			0	0			Thunderstorm Wind (MG53)
			Wind was measured by the Oklahoma mesonet.						
Custer County									
4 WSW Weatherford	16	2215CST			0	0			Thunderstorm Wind (MG53)
			Wind was measured by the Oklahoma mesonet.						
Caddo County									
Eakly	16	2217CST			0	0	5K		Thunderstorm Wind (EG69)
			Tree limbs were downed. Several power poles were leaning over.						
Canadian County									
El Reno	16	2220CST			0	0			Thunderstorm Wind (EG61)
			Wind gust was reported on the west side of town by KWTW Channel 9 in Oklahoma City.						
Payne County									
2 NNW Perkins	16	2220CST			0	0			Thunderstorm Wind (MG50)
			Wind was measured by the Oklahoma mesonet.						
Canadian County									
El Reno	16	2225CST			0	0			Hail(1.00)
			Hail was reported by KWTW Channel 9 in Oklahoma City.						
Lincoln County									
4 N Carney	16	2225CST			0	0			Thunderstorm Wind (EG52)
Lincoln County									
Tryon	16	2225CST			0	0	15K		Thunderstorm Wind (EG65)
			Multiple power poles and power lines were downed. There was also some minor tree damage						
Lincoln County									
Wellston	16	2225CST			0	0	15K		Thunderstorm Wind (EG61)
			A 15 inch diameter tree was downed onto a house.						
Grady County									
2 SSW Minco	16	2230CST			0	0			Thunderstorm Wind (MG61)
			Wind was measured by the Oklahoma mesonet.						
Lincoln County									
Agra	16	2230CST			0	0	2.5K		Thunderstorm Wind (EG61)
			Eight to ten inch diameter trees were downed.						



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

Lincoln County

Carney	16	2230CST			0	0	2.5K		Thunderstorm Wind (EG61)
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Eight inch diameter trees were downed. Power lines were also downed.

Lincoln County

Chandler	16	2230CST			0	0	0.75K		Thunderstorm Wind (EG52)
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Minor tree damage was reported by the county emergency manager.

Lincoln County

Fallis	16	2230CST			0	0	10K		Lightning
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An oil tank battery was struck by lightning and caught fire

Major County

Ames	16	2230CST			0	0	5K		Thunderstorm Wind (EG56)
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A garage roof was blown off.

Grady County

2 SSW Minco	16	2235CST			0	0			Thunderstorm Wind (MG77)
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Wind was measured by the Oklahoma mesonet.

Grady County

10 NE Chickasha to 3 NE Chickasha	16	2245CST 2310CST			0	0	30K		Thunderstorm Wind (EG65)
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Power poles were downed from mile marker 83 to 89 on Interstate 44. The interstate was closed from 0130 to 0315 CDT. Near mile marker 85, big tree limbs were downed. A small water tower and outbuildings were also blown over on the south side of the interstate near mile marker 90.

Grady County

1.5 NE Chickasha	16	2245CST 2315CST			0	0	350K		Thunderstorm Wind (EG74)
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Extensive damage occurred in the River Bend Housing addition. A damage area one to two miles long (north to south) and two to three miles wide (east to west) was reported. Seventeen homes in the addition were damaged. One home that was partially built was completely destroyed. Another 5 homes sustained major damage, with half of the roof of one home completely ripped off. Eleven homes sustained minor damage mainly consisting of shingle damage, damage to garage doors, and windows broken. The Friends School Cafeteria nearby also sustained major roof damage. Widespread tree damage was also reported in the area

Grady County

10 E Amber	16	2250CST 2310CST			0	0	10K		Thunderstorm Wind (EG61)
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A storage shed and its contents were blown from a mobile home community just north of the Norman Spur of Interstate 44, near mile marker 103.

Grady County

2 SSE Chickasha	16	2250CST			0	0			Thunderstorm Wind (MG59)
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Wind was measured by the Oklahoma mesonet.

Grady County

2 NNE Middleberg	16	2250CST 2310CST			0	0	1.5K		Thunderstorm Wind (EG69)
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A large lightning instrumentation tower was downed along Highway 9. One leg of the tower snapped. Another large tower nearby was also downed. Trees were also snapped.

Kiowa County

Hobart	16	2250CST			0	0			Thunderstorm Wind (MG50)
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Wind was measured by the Oklahoma mesonet.

McClain County

3 N Blanchard	16	2252CST 2310CST			0	0	2K		Thunderstorm Wind (EG61)
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Significant damage to trees and fences were reported one mile east of Highway 76 and just south of the Norman Spur of Interstate



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2005

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

OKLAHOMA, Western, Central and Southeast

44.									
Canadian County									
Mustang	16	2253CST			0	0			Thunderstorm Wind (EG52)
Oklahoma County									
Choctaw	16	2253CST			0	0			Thunderstorm Wind (EG56)
Grady County									
2 NNW Ninnekah	16	2255CST			0	0			Thunderstorm Wind (MG56)
Wind was measured by the Oklahoma mesonet.									
Caddo County									
Anadarko	16	2256CST			0	0	5K		Thunderstorm Wind (MG52)
Considerable damage occurred on the east side of town with large limbs down. Trees were also split and blown over.									

OKZ005-010>011

Woods - Woodward - Major

16	2300CST	0	0	Flood
19	1900CST			

The Cimarron River basin in northwestern Oklahoma was visited again by minor to moderate flooding after two more days of thunderstorms and heavy rainfall plagued the region. The river gage site near Waynoka was the first to rise above flood stage as the Cimarron River crested briefly at a flood stage of 8.0 feet at 11:30 am CST on June 16. The Cimarron River remained just below flood stage until the slow-moving thunderstorms during the evening and overnight hours of June 16-17 brought a third crest above the moderate flood level of 10 feet during the month of June. The Cimarron River near Waynoka crested at 10.6 feet at 12:00 pm CST on June 17, and remained above flood stage from 11:00 pm CST on June 16 until 7:00 pm CST on June 19.

Comanche County									
3 NNW Elgin	16	2301CST			0	0			Thunderstorm Wind (EG52)
Cleveland County									
Moore	16	2305CST			0	0			Thunderstorm Wind (EG52)
Wind gust was reported at the intersection of Southwest 13th Street and Santa Fe Avenue.									
Grady County									
2 NNW Ninnekah	16	2305CST			0	0			Thunderstorm Wind (MG52)
Wind was measured by the Oklahoma mesonet.									
Grady County									
4 WNW Rush Spgs	16	2305CST			0	0			Thunderstorm Wind (MG54)
Wind was measured by the Oklahoma mesonet.									
Cleveland County									
Norman	16	2307CST			0	0			Thunderstorm Wind (MG50)
Wind gust was measured at the NWS Norman, OK Forecast Office.									
Grady County									
4 WNW Rush Spgs	16	2310CST			0	0			Thunderstorm Wind (MG57)
Wind was measured by the Oklahoma mesonet.									
McClain County									
6 SSW Washington	16	2310CST			0	0			Thunderstorm Wind (MG52)
Wind was measured by the Oklahoma mesonet.									
Cleveland County									
Norman	16	2315CST			0	0	0.50K		Thunderstorm Wind (EG52)
Large tree limbs were reported down on Main Street, east of Porter Avenue.									
Comanche County									
Lawton	16	2315CST 2325CST			0	0	15K		Thunderstorm Wind (EG61)
One business was reported to have the roof blown off.									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

McClain County

6 SSW Washington	16	2315CST			0	0			Thunderstorm Wind (MG68)
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Wind was measured by the Oklahoma mesonet.

OKZ033-035-039-044>045 Harmon - Kiowa - Stephens - Cotton - Jefferson

16	2315CST				0	0	0.75K		High Wind (MG56)
17	0020CST								

Strong winds were observed across parts of southern Oklahoma. These winds were due to a gust front that developed and moved ahead of a cluster of severe thunderstorms. In some cases these winds occurred 30 miles or more ahead of the thunderstorms. The wind gusts ranged from 60 to 65 mph. Along with numerous tree limbs downed, a large tree was downed at the city hall in Snyder in Kiowa county.

Comanche County

Fletcher	16	2320CST 2340CST			0	0	100K		Thunderstorm Wind (EG65)
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One business was reported destroyed with another sustaining major roof damage. Power poles and trees were also downed.

McClain County

6 SSW Washington	16	2320CST			0	0			Thunderstorm Wind (MG52)
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Wind was measured by the Oklahoma mesonet.

Pottawatomie County

Wanette	16	2320CST			0	0	0.25K		Thunderstorm Wind (EG65)
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A one foot diameter tree was downed.

McClain County

6 SSW Washington	16	2325CST			0	0			Thunderstorm Wind (MG51)
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Wind was measured by the Oklahoma mesonet.

Stephens County

4 S Marlow	16	2335CST			0	0			Thunderstorm Wind (EG61)
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Stephens County

4 S Marlow	16	2340CST			0	0			Thunderstorm Wind (MG65)
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Cleveland County

Noble	16	2345CST			0	0	1.5K		Thunderstorm Wind (EG61)
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Tree limbs, up to one foot in diameter, were downed.

Garvin County

Pauls Valley	16	2345CST			0	0			Thunderstorm Wind (EG52)
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Stephens County

8 E Duncan	16	2357CST			0	0			Hail(0.88)
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Seminole County

Wewoka	17	0015CST			0	0			Thunderstorm Wind (EG52)
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Carter County

2 N Springer	17	0025CST			0	0	7.5K		Thunderstorm Wind (EG69)
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Heavy tree damage occurred in approximately a mile long area around mile marker 43 on Interstate 35. Power lines were also downed about half a mile east of the interstate in the same area.

Carter County

Springer	17	0030CST			0	0	30K		Thunderstorm Wind (EG65)
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Power lines were downed. A two mile stretch of utility poles were also downed. One of the poles fell on a house.

Johnston County

Countywide	17	0035CST 0135CST			0	0	7.5K		Thunderstorm Wind (EG56)
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Widespread tree damage occurred across the county. The trees were reported to be between 12 and 20 inches in diameter. A few of



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

the trees fell on roadways.									
Carter County									
Lone Grove	17	0037CST			0	0			Thunderstorm Wind (EG52)
Love County									
5 N Marietta	17	0045CST			0	0	0.25K		Thunderstorm Wind (EG52)
Two inch diameter tree limbs were downed.									
Marshall County									
Madill	17	0045CST			0	0	20K		Thunderstorm Wind (EG61)
Awnings were blown over. Power poles were snapped. Trees were also downed.									
Johnston County									
6 N Tishomingo	17	0100CST			0	0			Thunderstorm Wind (MG65)
Wind was measured by the Oklahoma mesonet.									
Johnston County									
Tishomingo	17	0100CST			0	0	0.75K		Thunderstorm Wind (EG61)
A large tree was reported down.									
Johnston County									
6 N Tishomingo	17	0105CST			0	0			Thunderstorm Wind (MG57)
Wind was measured by the Oklahoma mesonet.									
Pontotoc County									
1 W Fittstown	17	0110CST			0	0	0.50K		Thunderstorm Wind (EG56)
Tree limbs, five inches in diameter, were downed.									
Bryan County									
Countywide	17	0115CST 0215CST			0	0	5K		Thunderstorm Wind (EG61)
Widespread reports of trees and tree limbs downed across the county. Some of the trees were large.									
Bryan County									
Durant	17	0125CST 0145CST			0	0	10K		Thunderstorm Wind (EG61)
A metal outbuilding was destroyed. One to three foot diameter trees were downed. One large tree blocked the roadway at the intersection of Highway 70 (West Main Street) and Washington.									

Severe thunderstorms developed into a large cluster and squall line causing widespread wind damage across much of Oklahoma on June 16-17. These thunderstorms also produced a strong gust front which caused high wind gusts well ahead of the thunderstorms in parts of southern Oklahoma. There were two areas that received the most significant damage. One area was located from near Hennessey in northern Kingfisher county, eastward through northern Logan county into parts of western Payne County. The second area was from around Interstate 44 northeast of Chickasha in Grady county, south and southeastward into central portions of McClain County. The two highest measured wind gusts were also located in or near these areas. The highest measured wind gust during the event was 100 mph (87 knots) measured at the Oklahoma mesonet station 4 miles south-southeast of Marshall in Logan County. The second highest measured gust was 89 mph (77 knots) at an Oklahoma mesonet station 2 miles south-southwest of Minco in Grady county. Numerous structural, tree, and power line damage was reported across the state.

OKZ004-017>018

Harper - Blaine - Kingfisher

18 1230CST
19 2130CST

0 0

Flood

The Cimarron River basin in northwestern and central Oklahoma was visited again by minor to moderate flooding from near Buffalo downstream to near Dover after two more days of thunderstorms and heavy rainfall plagued the region. A slow-moving supercell thunderstorm that remained nearly stationary over the Cimarron River in northwestern Harper County dropped 3+-inch amounts of



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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

rainfall in the area. The high flows from the Cimarron in this area and portions of southwestern Kansas eventually traveled downstream and brought a crest above flood stage at the river gage site near Buffalo, OK. The Cimarron River near Buffalo crested at 6.1 feet, 0.1 feet above flood stage, at 2:30 am CST on June 19, and remained above flood stage from 3:15 pm CST on June 18 to 11:30 am CST on June 19.

Flood flows on the Cimarron River near the Waynoka area moved downstream, and combined with local runoff in central Oklahoma to produce minor flooding near Okeene and Dover. River levels slightly above bankfull were observed on the Cimarron River near Okeene during the daylight hours on June 18. In addition, the Cimarron River near Dover crested at 17.6 feet, 0.6 feet above flood stage, at 4:30 am CST on June 19, and remained in flood from 12:30 pm CST on June 18 until 12:30 pm on June 19.

TEXAS, Western North

TXZ087

Knox

01	0300CST	1030CST	0	0	Flood
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The first heavy rainfall and flood event of June occurred during the late evening of May 31 and early morning of June 1 as a large complex of thunderstorms moved through parts of western north Texas. Strong to severe thunderstorms dropped rainfall totals of 2 to 4 inches over an isolated area in Knox County, including a rainfall report of 3.09 inches at the river gage site 4 miles north of Benjamin, TX.

The subsequent heavy runoff produced brief flooding along the South Wichita River in Knox County. At the river gage site 4 miles north of Benjamin on Texas State Highway 6, the South Wichita River crested at 13.2 feet, 1.2 feet above flood stage, at 7:45 am CST on June 1, and was above flood stage from 3:00 am CST to 10:30 am CST on June 1. Minor rural flooding occurred over rangelands near the river.

Archer County

Holliday	04	1645CST	0	0	Hail(0.88)
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Wichita County

Electra	04	1654CST	0	0	Hail(0.75)
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Wilbarger County

4 NW Vernon	04	1700CST	0	0	Hail(1.75)
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Hail was observed near the intersection of Highway 432 and Highway 287.

Wilbarger County

1 ESE Tolbert	04	1705CST	0	0	Hail(1.75)
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Wilbarger County

10 N Vernon	04	1718CST	0	0	Hail(2.50)
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Hail was reported on Highway 183 covering the ground.

Wichita County

Burkburnett	04	1721CST	0	0	Hail(0.88)
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Wilbarger County

1 WNW Vernon	04	1730CST	0	0	Hail(1.00)
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Wilbarger County

Vernon	04	1735CST	0	0	Hail(1.75)
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Hail was reported near the intersection of Highway 135 and Highway 11W.

Wilbarger County

Vernon	04	1747CST	0	0	Hail(1.00)
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Hail was observed on the southeast side of town.

Archer County

Holliday	04	1827CST	0	0	Hail(0.88)
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National Weather Service

Storm Data and Unusual Weather Phenomena



June 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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TEXAS, Western North

Archer County									
Lake Kickapoo	04	1829CST			0	0			Hail(0.88)
Archer County									
Mankins	04	1834CST			0	0			Hail(1.00)
Wichita County									
Kamay	04	1834CST			0	0			Hail(0.75)
Archer County									
7 SE Dundee	04	1838CST 1839CST	0.2	30	0	0			Tornado (F0)
The narrow tornado was reported by fire personnel near Lake Kickapoo. No known damage.									
Wichita County									
Electra	04	1839CST			0	0			Hail(1.25)
Wichita County									
Iowa Park	04	1845CST			0	0			Hail(1.00)
Archer County									
Holliday	04	1900CST			0	0			Hail(0.88)
Archer County									
Holliday	04	1905CST			0	0			Hail(1.75)
Archer County									
1 N Mankins	04	1906CST			0	0			Hail(1.00)
Wichita County									
Wichita Falls	04	1915CST			0	0			Hail(1.25)
Hail was observed on the southwest side of the city, near the intersection of Highway 369 and Highway 277.									
Wichita County									
Wichita Falls	04	1917CST			0	0			Hail(0.88)
Hail was reported on the southwest side of the city, near the stadium.									
Archer County									
Dundee	04	1925CST			0	0			Thunderstorm Wind (MG56)
The wind gust was measured on the east side of town.									
Wichita County									
Burkburnett	04	1931CST			0	0			Thunderstorm Wind (MG55)
Clay County									
Jolly	04	1958CST			0	0			Thunderstorm Wind (MG55)
Knox County									
3 N Knox City to 4 N Knox City	05	1930CST			0	0			Hail(1.00)
Hardeman County									
Lazare	05	1937CST			0	0			Hail(0.75)
Foard County									
13 NW Crowell	05	1944CST			0	0			Hail(1.75)
Hail was reported near the county line.									
Hardeman County									
Quanah	05	1955CST			0	0			Hail(0.75)
Wichita County									
9 WSW Wichita Falls	05	2125CST			0	0			Thunderstorm Wind (MG56)
Wichita County									
Iowa Park	05	2138CST			0	0			Hail(0.88)
Hail was observed at the Iowa Park High School.									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TEXAS, Western North</u>									
Archer County									
6 W Archer City	05	2140CST			0	0			Hail(0.75)
Wichita County									
9 WSW Wichita Falls	05	2141CST			0	0			Hail(1.00)
			Hail was observed near the intersection of Highway 277 and Turkey Ranch Road.						
Wichita County									
2 N Sheppard Afb	05	2150CST			0	0			Hail(1.75)
Archer County									
3 W Archer City	05	2200CST			0	0			Hail(0.88)
Archer County									
Archer City	05	2214CST			0	0			Hail(1.00)
Clay County									
6 WSW Joy	05	2230CST			0	0			Hail(0.88)
Clay County									
Henrietta	05	2252CST			0	0			Hail(0.75)
Archer County									
Archer City	06	0235CST			0	0			Hail(0.75)
Hardeman County									
3 N Quanah	09	2309CST			0	0			Hail(1.00)
Wichita County									
1 W Burkburnett	13	1818CST			0	0			Hail(1.00)
Clay County									
Charlie	13	1825CST			0	0			Hail(1.00)
Wichita County									
3 S Burkburnett	13	1825CST			0	0			Hail(1.25)
Wichita County									
Burkburnett	13	1829CST			0	0			Hail(0.75)
Wichita County									
Wichita Falls	13	1829CST			0	0			Hail(0.75)
Wichita County									
Sheppard Afb	13	1832CST			0	0			Hail(1.00)
Wichita County									
(Sp)Sheppard Afb	13	1835CST			0	0			Thunderstorm Wind (MG54)
			Wind was measured by the KSPS ASOS.						
Wichita County									
Wichita Falls	13	1844CST			0	0			Hail(1.00)
			Hail was observed at the intersection of Kell Boulevard and Fairway Boulevard.						
Wichita County									
Wichita Falls	13	1848CST			0	0			Hail(1.00)
			Hail was reported at Southwest Parkway and Taft Boulevard.						
Archer County									
Holliday	13	1918CST			0	0			Hail(0.75)
Baylor County									
Seymour	13	2010CST			0	0			Hail(0.88)
Wichita County									
Electra	16	2155CST			0	0			Hail(1.00)
TXZ086	Wichita								
	17	0013CST			0	0			High Wind (MG58)



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2005

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

TEXAS, Western North

0030CST

A gust front from a cluster of severe thunderstorms in Oklahoma produced strong winds across the area. The strongest gust of 67 mph was measured by the KSPS ASOS station on the north side of Wichita Falls. Several wind gusts above 60 mph were also reported. All of the wind gusts occurred well ahead of the cluster of thunderstorms.