



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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
OKLAHOMA, Western, Central and Southeast									
Jefferson County									
Ryan	01	1717CST			0	0			Hail(1.00)
Cotton County									
3 W Randlett	01	1726CST			0	0			Hail(0.88)
Hail was reported at the Grandfield exit of Interstate 44.									
Carter County									
4 S Wilson	01	1813CST			0	0			Hail(0.88)
Grant County									
Manchester	02	1040CST			0	0			Thunderstorm Wind (EG61)
Grant County									
12 N Medford	02	1110CST			0	0			Hail(1.00)
Grant County									
12 N Medford	02	1110CST			0	0			Thunderstorm Wind (EG52)
Alfalfa County									
Cherokee	02	1120CST			0	0			Thunderstorm Wind (EG52)
Grant County									
6 SE Renfrow	02	1125CST			0	0			Hail(0.88)
Hail was reported covering the ground.									
Grant County									
1 W Deer Creek	02	1128CST			0	0			Hail(1.25)
Kay County									
4 SSE Blackwell	02	1145CST			0	0			Thunderstorm Wind (MG51)
Wind was measured by the Oklahoma mesonet.									
Kay County									
Tonkawa	02	1145CST			0	0	2.5K		Thunderstorm Wind (EG56)
Four power poles were downed.									
Kay County									
4 SSE Blackwell	02	1150CST			0	0			Thunderstorm Wind (MG51)
Wind was measured by the Oklahoma mesonet.									
Garfield County									
Garber	02	1200CST			0	0			Hail(0.75)
Grant County									
1 S Deer Creek	02	1200CST			0	0			Hail(1.25)
Major County									
4 ENE Meno	02	1200CST			0	0			Hail(1.00)
Garfield County									
4 N Garber	02	1205CST			0	0			Hail(2.00)
Garfield County									
5 W Garber	02	1205CST			0	0			Hail(2.00)
Garfield County									
4 N Garber	02	1205CST			0	0			Thunderstorm Wind (EG52)
Garfield County									
5 W Garber	02	1205CST			0	0			Thunderstorm Wind (EG52)
Noble County									
6 S Billings	02	1209CST			0	0			Hail(1.00)
Woods County									
13 NNE Camp Houston	02	1220CST			0	0			Hail(0.75)



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OKLAHOMA, Western, Central and Southeast

Garfield County Enid	02	1222CST			0	0			Hail(1.75)
Garfield County Enid	02	1222CST			0	0			Hail(1.75)
Garfield County Enid	02	1224CST			0	0			Hail(0.88) Hail was observed on the west side of town.
Garfield County Enid	02	1226CST			0	0			Hail(1.00) Hail was observed on the west side of town.
Noble County 7 SSE Red Rock	02	1230CST			0	0			Thunderstorm Wind (MG53) Wind was measured by the Oklahoma mesonet.
Noble County 3 W Perry	02	1232CST			0	0			Hail(1.75) Hail was observed at the Highway 64 exit of Interstate 35.
Noble County 3 W Perry	02	1232CST			0	0			Thunderstorm Wind (EG61) Wind was observed at the Highway 64 exit of Interstate 35.
Noble County 7 SSE Red Rock	02	1235CST			0	0			Thunderstorm Wind (MG50) Wind was measured by the Oklahoma mesonet.
Noble County 3 W Morrison	02	1239CST			0	0	5K		Thunderstorm Wind (MG69) Power lines were downed.
Payne County 3 NW Stillwater	02	1243CST			0	0			Thunderstorm Wind (MG52) Wind was measured by the KSWO ASOS at the Stillwater Airport.
Payne County Stillwater	02	1247CST			0	0	75K		Thunderstorm Wind (EG61) Wind gusts caused minor damage to several dorms and the stadium at Oklahoma State University. An 18 by 24 foot roof structure that covers the boiler and water reservoir at a Best Western was also heavily damaged. Widespread tree damage was reported around town.
Logan County Marshall	02	1250CST			0	0			Hail(1.00)
Logan County Marshall	02	1250CST			0	0			Thunderstorm Wind (EG61)
Payne County 2 W Stillwater	02	1250CST			0	0			Thunderstorm Wind (MG51) Wind was measured by the Oklahoma mesonet.
Payne County 2 NNW Perkins	02	1255CST			0	0			Thunderstorm Wind (MG50) Wind was measured by the Oklahoma mesonet.
Alfalfa County 4 W Burlington	02	1300CST			0	0			Hail(1.75)
Kingfisher County 4 E Hennessey	02	1300CST			0	0			Thunderstorm Wind (EG56)



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OKLAHOMA, Western, Central and Southeast

Payne County

Glencoe	02	1300CST			0	0	75K		Thunderstorm Wind (EG74)
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Strong winds caused damage across the town. Roofs were blown off three barns. Numerous 4-5 inch diameter tree limbs were downed along with a cedar tree 16-18 inches in diameter snapped off about 8 feet above ground. A mobile home had part of its metal roof taken off along with a quarter of the shingles off the north side of another mobile home to the south. Many homes across town also sustained shingle damage. The north facing overhead door to the VoAg building was blown in while the south door was bent out. However...these were not detached. A pontoon boat was also flipped and blown into the street.

Payne County

Cushing	02	1304CST			0	0			Thunderstorm Wind (MG66)
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Payne County

Cushing	02	1306CST			0	0	150K		Thunderstorm Wind (MG69)
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Tree damage was reported around town. Several homes sustained roof damage along with 3 businesses which lost part of their roofs

Payne County

Perkins	02	1310CST			0	0			Thunderstorm Wind (EG61)
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Lincoln County

5 NW Tryon	02	1315CST			0	0			Thunderstorm Wind (EG61)
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Logan County

4 NW Guthrie	02	1319CST			0	0			Hail(0.88)
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Logan County

3 E Guthrie	02	1325CST			0	0			Hail(1.00)
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Logan County

Guthrie	02	1326CST			0	0			Hail(0.75)
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Oklahoma County

Arcadia	02	1345CST			0	0			Hail(0.75)
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Oklahoma County

Arcadia	02	1345CST			0	0			Thunderstorm Wind (EG61)
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Oklahoma County

Oklahoma City	02	1345CST			0	0			Hail(1.25)
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Hail was observed near the intersection of Hefner Road and Rockwell Avenue.

Oklahoma County

Oklahoma City	02	1345CST			0	0			Hail(1.00)
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Hail was observed at Quail Springs Mall in northwest Oklahoma City.

Canadian County

1 N El Reno	02	1355CST			0	0			Thunderstorm Wind (EG61)
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Oklahoma County

Oklahoma City	02	1355CST			0	0			Hail(1.00)
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Hail covered the ground on Interstate 35 near the Frontier City Amusement Park on the northeast side of the city.

Oklahoma County

Oklahoma City	02	1359CST			0	0			Hail(1.00)
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Hail was reported at the intersection of NW 32nd Street and Meridian Avenue.

Oklahoma County

Oklahoma City	02	1405CST			0	0			Hail(1.00)
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Hail was observed near the intersection of NW 36th Street and Ann Arbor Place.

Oklahoma County

Oklahoma City	02	1410CST			0	0			Hail(0.75)
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Hail was reported in downtown Oklahoma City.



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OKLAHOMA, Western, Central and Southeast

Cleveland County Norman	02	1415CST			0	0			Thunderstorm Wind (MG50)
Pottawatomie County Mc Loud	02	1417CST			0	0			Hail(0.88)
Cleveland County 2 W Moore	02	1420CST 1440CST			0	0			Hail(1.25)
Hail covered the ground at the intersection of Main Street and Wyndemere Lakes Drive, 0.2 miles east of Bryant Avenue.									
Lincoln County 5 E Meeker	02	1430CST			0	0			Hail(0.88)
Seminole County Cromwell	02	1436CST			0	0	10K		Thunderstorm Wind (EG52)
Wind gusts caused roof damage to one home in Cromwell. Tree damage was also reported across the area.									
Cleveland County Norman	02	1437CST			0	0			Hail(1.00)
Hail was observed on the northwest side of town.									
Cleveland County Norman	02	1441CST			0	0			Hail(1.00)
Hail was observed at WFO Norman.									
Cleveland County Norman	02	1445CST			0	0			Thunderstorm Wind (MG54)
Wind was measured by the Oklahoma mesonet.									
Grady County 2 E Middleberg	02	1505CST			0	0			Thunderstorm Wind (EG52)
Hughes County 8 S Wetumka	02	1515CST			0	0			Hail(1.00)
Pontotoc County Ada	02	1515CST			0	0	2.5K		Thunderstorm Wind (EG52)
Wind was observed on east side of town. Trees were also downed									
Grady County Bradley	02	1530CST			0	0			Hail(1.00)
Garvin County 2 W Paoli	02	1540CST			0	0			Thunderstorm Wind (EG56)
Hughes County 7 SW Stuart	02	1540CST			0	0			Thunderstorm Wind (EG52)
McClain County 6 W Byars	02	1540CST			0	0			Thunderstorm Wind (EG52)
Stephens County Bray	02	1615CST			0	0			Hail(0.75)
Comanche County 5 NW Indianahoma	02	1625CST			0	0			Hail(1.00)
Johnston County 5 NE Mill Creek	02	1625CST			0	0			Hail(0.75)
Carter County 2 N Gene Autry	02	1626CST			0	0			Thunderstorm Wind (MG50)
Stephens County 3 E Duncan	02	1631CST			0	0			Hail(0.75)
Hail was observed on Highway 7.									



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OKLAHOMA, Western, Central and Southeast

Stephens County									
3 E Duncan	02	1631CST			0	0	5K		Thunderstorm Wind (EG56)
Power lines were downed on Highway 7.									
Atoka County									
Atoka	02	1632CST			0	0			Thunderstorm Wind (EG52)
Kiowa County									
1 S Snyder	02	1635CST			0	0			Hail(0.88)
Stephens County									
3 E Duncan	02	1636CST			0	0			Hail(1.00)
Stephens County									
3 E Duncan	02	1641CST			0	0			Hail(1.75)
Jefferson County									
4 NW Addington	02	1645CST			0	0			Thunderstorm Wind (EG52)
Bryan County									
Calera	02	1700CST			0	0			Thunderstorm Wind (EG52)
Love County									
3 SSW Overbrook	02	1700CST			0	0			Thunderstorm Wind (EG52)
Jefferson County									
Waurika	02	1710CST			0	0			Hail(0.88)
Love County									
3 SSW Overbrook	02	1715CST			0	0			Hail(0.88)
Jefferson County									
2 N Waurika	02	1745CST			0	0			Hail(1.00)
Harmon County									
3 W Gould	02	1755CST			0	0			Thunderstorm Wind (MG55)
Wind was measured by the Oklahoma mesonet.									
Harmon County									
5 E Hollis	02	1800CST			0	0			Hail(1.50)
Harmon County									
5 E Hollis	02	1812CST			0	0			Thunderstorm Wind (MG52)
Jackson County									
Eldorado	02	1815CST			0	0			Thunderstorm Wind (EG56)
Jackson County									
Eldorado	02	1820CST			0	0			Hail(0.75)
Tillman County									
Frederick	02	1858CST			0	0			Hail(0.75)
Tillman County									
Frederick	02	1858CST			0	0			Thunderstorm Wind (EG52)
Cotton County									
3 SE Devol	02	2009CST			0	0			Thunderstorm Wind (EG52)
Canadian County									
3 ESE Union City	05	0120CST			0	0			Hail(1.00)
Harper County									
5 S Selman	05	1720CST			0	0			Hail(0.88)
Harper County									
5 S Selman	05	1720CST			0	0			Thunderstorm Wind (EG52)
Harper County									
9 S Buffalo	05	1740CST			0	0			Thunderstorm Wind (EG52)



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OKLAHOMA, Western, Central and Southeast

Ellis County

Arnett 05 1915CST 0 0 Hail(0.88)

Dewey County

7 NNE Leedey 05 1940CST 0 0 Thunderstorm Wind (EG52)

Jefferson County

4 NW Addington 07 0340CST 0 0 Hail(0.75)

Jefferson County

4 NW Addington 07 0340CST 0 0 1.5K Thunderstorm Wind (EG56)
Several 6 inch diameter tree limbs were downed. A barn was also damaged.

Cotton County

9 S Temple 07 0345CST 0 0 Hail(1.00)

Stephens County

3 SW Comanche 07 0345CST 0 0 Hail(0.75)

Stephens County

2 SW Comanche 07 0345CST 0 0 5K Thunderstorm Wind (EG56)
Eight power poles were downed.

Stephens County

3 SW Comanche 07 0345CST 0 0 Thunderstorm Wind (EG52)

Stephens County

Comanche 07 0400CST
 0530CST 0 0 Flash Flood

In Stephens County, heavy rains caused street flooding in Comanche, OK at 5:17 am CDT.

Carter County

Ardmore 07 0430CST
 0600CST 0 0 Flash Flood

Flash flooding was reported at 6:00 am CDT on June 7 over roads in the eastern section of Ardmore, OK in Carter County.

Garvin County

Maysville 07 0830CST
 1030CST 0 0 Flash Flood

One and a half foot deep water was reported over the road in front of the police station.

Garvin County

Pauls Valley 07 0830CST
 1130CST 0 0 Flash Flood

Flash flooding was reported between 9:30 am CDT and noon CDT on June 7 at several locations in and near Pauls Valley, OK. Water was reported over a few county roads. Kimberlin Road was closed near Interstate 35 due to high water. State Highway 9 was also closed near the courthouse due to the high water.

Along with severe wind gusts and hail, the first significant heavy rainfall event of June occurred during the morning of June 7th over south central Oklahoma, and was associated with a strong upper level storm system moving through southern Oklahoma and north Texas. A cluster of thunderstorms generated by the system spread northward from the Red River valley into south central Oklahoma during the evening of June 6 and early morning of June 7. The thunderstorms produced heavy rainfall totals of 2 to 4 inches with some locally heavy amounts reaching 6+ inches. The largest measured amount during the event was 4.85 inches at the NWS cooperative observer site 4 miles west-southwest of Pauls Valley, OK. The heavy rains produced both nuisance flooding and some flash flooding across the region with the most significant flash flooding occurring in Garvin County during the mid to late morning hours of June 7.

Bryan County

Albany 07 1555CST 0 0 Thunderstorm Wind (EG52)



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OKLAHOMA, Western, Central and Southeast

Cleveland County

8 E Moore

09 1635CST 0.3 20 0 0 5K Tornado (F0)

A brief tornado damaged trees on the southeast side of Lake Stanley Draper between South Westminster Road and East Stanley Draper Drive near Southeast 140th Street.

Lincoln County

5 W Chandler to
2.5 NNW Chandler

09 1724CST
1734CST 4 50 0 0 150K Tornado (F1)

A tornado touched down near Highway 66 west of Chandler, moved northeast, and lifted near Chandler Lake. This tornado damaged trees and power lines. Several roofs of homes were damaged along with several barns damaged or destroyed. A mobile home was destroyed near Chandler Lake before the tornado lifted. Several horses were injured and a cow and a horse were killed by debris in the tornado.

Lincoln County

Agra to
1.5 N Agra

09 1753CST
1758CST 2 30 0 0 200K Tornado (F1)

This tornado affected the east side of Agra, near Highway 18, before moving north and dissipating in pasture land north of town. Three homes were damaged with the roof of one home lifted off. Several barns or outbuildings were damaged or destroyed. A double-wide trailer home also sustained roof damage. Many trees were damaged across town.

Pontotoc County

Ada

09 1820CST 0 0 150K Thunderstorm Wind (EG61)

Wind gusts destroyed a 40 foot by 175 foot lumber warehouse (metal/outbuilding structure) at the Ace Hardware in town.

A tropical airmass over the area produced widespread showers and a few thunderstorms. A couple of these weak storms were similar to mini-supercell thunderstorms, contained very little lightning, and produced brief tornadoes that caused some damage in central Oklahoma during the evening of June 9th.

OKZ045

Jefferson

10 0025CST 0 0 Flood
13 1216CST

During evening and early morning hours of June 9-10, strong to severe thunderstorms produced heavy rainfall of 2 to 4+ inches over south central Oklahoma. Runoff from these rains caused Mud Creek to overflow its banks and produce minor flooding in eastern Jefferson County on June 9-13. Mud Creek crested at 22.2 feet, 2.2 feet above flood stage, at 5:00 pm CDT on June 10 at the USGS river gage site near Courtney, OK.

Woods County

Waynoka

12 1708CST 0 0 Hail(0.88)

Cotton County

Randlett

12 2200CST 0 0 1K Thunderstorm Wind (EG56)

Power lines were downed.

OKZ037

Tillman

12 2320CST 0 0 High Wind (EG52)
13 0020CST

A heatburst caused wind gusts across the area. A 60 mph gust was reported in Frederick.

Roger Mills County

10 NNE Durham

16 2315CST 0 0 Thunderstorm Wind (EG52)

Ellis County

9 S Arnett

16 2340CST 0 0 Hail(0.75)

Ellis County

8 S Harmon

17 0005CST 0 0 Thunderstorm Wind (EG52)



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<u>OKLAHOMA, Western, Central and Southeast</u>									
Dewey County									
8 N Leedey	17	0010CST			0	0			Thunderstorm Wind (EG52)
Custer County									
6 ENE Moorewood	17	0015CST			0	0	1K		Thunderstorm Wind (EG52)
			Three inch diameter tree limbs were downed.						
Roger Mills County									
Cheyenne	17	0025CST			0	0			Thunderstorm Wind (EG52)
Ellis County									
17 N Gage	17	2021CST			0	0			Hail(0.75)
Woods County									
4 W Waynoka	17	2100CST			0	0			Hail(1.00)
			Hail was observed on Highway 281.						
Harper County									
20 E May	17	2130CST			0	0			Hail(0.88)
Harper County									
20 E May	17	2130CST			0	0			Thunderstorm Wind (EG52)
Woodward County									
11 N Woodward	17	2130CST			0	0			Hail(0.88)
Woodward County									
11 N Woodward	17	2130CST			0	0			Thunderstorm Wind (EG52)
Harmon County									
5 E Hollis	17	2138CST			0	0			Thunderstorm Wind (MG55)
Dewey County									
Vici	17	2200CST			0	0			Thunderstorm Wind (EG52)
Woods County									
9 E Waynoka	17	2206CST			0	0	75K		Lightning
			Lightning struck an empty fiberglass saltwater storage tank causing an explosion at the newly opened Green Valley Saltwater Disposal Plant east of Waynoka on Highway 281. The explosion caused nearly full reclaimed oil storage tanks to catch on fire and burn for much of the night. Some nearby equipment was also destroyed by the fire.						
Woods County									
6 E Alva	17	2230CST			0	0			Thunderstorm Wind (EG52)
Woods County									
4 NNE Dacoma	17	2230CST			0	0	15K		Thunderstorm Wind (EG56)
			A hay barn was blown down.						
Kingfisher County									
Loyal	17	2315CST			0	0			Thunderstorm Wind (EG52)
Custer County									
Custer City	18	1635CST			0	0			Hail(1.75)
Dewey County									
8 SSE Oakwood	18	1715CST			0	0			Hail(0.75)
Ellis County									
3 NW Shattuck	18	1942CST			0	0			Hail(0.75)
Ellis County									
8 N Shattuck	18	1951CST			0	0			Hail(1.00)
Ellis County									
11 N Shattuck	18	1955CST			0	0			Hail(1.00)



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					Killed	Injured	Property
							Crops

OKLAHOMA, Western, Central and Southeast

OKZ005-010	Woods - Woodward	20 21	2214CST 1400CST		0	0	Flood
Minor rural flooding occurred along the Cimarron River in Woods and Woodward counties on June 20-21 after the Cimarron River basin received rainfall amounts of 2 to 3+ inches. The Cimarron River near Waynoka crested at 8.7 feet, 0.7 feet above flood stage, at 12:30 am CDT on June 21.							
Logan County 4 SSE Marshall		21	0135CST		0	0	Thunderstorm Wind (MG52)
Wind was measured by the Oklahoma mesonet.							
Logan County 4 SSE Marshall		21	0235CST		0	0	Thunderstorm Wind (MG52)
Wind was measured by the Oklahoma mesonet.							
Logan County 4 SSE Marshall		21	0240CST		0	0	Thunderstorm Wind (MG50)
Wind was measured by the Oklahoma mesonet.							
Oklahoma County Choctaw		21	0330CST		0	0	5K Thunderstorm Wind (EG61)
A fence was downed. Some trees were also downed around town.							
Pottawatomie County 3 NNW Shawnee		21	0510CST		0	0	Thunderstorm Wind (MG64)
Wind was measured by the Oklahoma mesonet.							
Kay County Braman		21	1910CST		0	0	Hail(0.75)
Kay County Braman		21	1915CST		0	0	Thunderstorm Wind (MG54)
Kay County Newkirk		21	1947CST		0	0	Hail(0.88)
Kay County Newkirk		21	1947CST		0	0	Thunderstorm Wind (EG56)
Roger Mills County Reydon		21	2010CST		0	0	Hail(0.75)
Woodward County Mooreland		21	2050CST		0	0	Thunderstorm Wind (EG69)
Woodward County 2 N Mooreland		21	2105CST		0	0	15K Hail(1.75)
Hail caused heavy damage to the shingled roof of a home.							
Woodward County Mooreland		21	2108CST		0	0	5K Thunderstorm Wind (EG52)
A patio roof attached to a home was damaged. A tree was also downed. Both occurred on the north side of town.							
Woodward County Curtis		21	2110CST		0	0	30K Thunderstorm Wind (EG61)
Fifty power poles were downed.							
Beckham County 3 E Elk City		21	2115CST		0	0	Thunderstorm Wind (EG52)
Washita County 2 W Burns Flat		21	2126CST		0	0	Thunderstorm Wind (MG51)
Wind was measured by KCSM ASOS.							



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OKLAHOMA, Western, Central and Southeast

Washita County									
4 WNW Bessie	21	2155CST			0	0			Thunderstorm Wind (MG53)
			Wind was measured by the Oklahoma mesonet.						

Washita County									
Cordell	21	2203CST			0	0			Hail(0.88)

Washita County									
Cordell	21	2205CST			0	0			Hail(1.00)

Oklahoma County									
11 E Edmond	22	0015CST			0	0			Thunderstorm Wind (EG52)

Oklahoma County									
8 WNW Edmond	22	0300CST 0700CST			0	0			Flash Flood

On June 22 at approximately 6 am CDT, rainfall totals reaching 4 inches over northwestern Oklahoma County produced flash flooding over several roads in the Deer Creek, OK area. Several roads received minor damage from the flash flooding and were barricaded during and after the event.

Kiowa County									
Hobart	22	0800CST 1000CST			0	0			Flash Flood

Rainfall totals up to 5 inches in the Hobart, OK area during the evening and overnight hours of June 21-22 produced flash flooding along Frisco Creek. The creek overflowed its banks and flooded Third Street and Business Highway 9 in Hobart during the late morning hours of June 22.

OKZ018-020-030>031									
			Kingfisher - Payne - Pottawatomie - Seminole						
	22	0950CST			0	0			Flood
	24	0734CST							

Minor rural flooding occurred along the Little River in Pottawatomie and Seminole counties near Tecumseh on June 22. The Cimarron River went above flood stage at 10:50 am CDT, crested at 12.4 feet, 1.4 feet above flood stage, at 7:00 am CDT, and receded below flood stage at 4:29 pm CDT on June 22.

Minor rural flooding occurred along the Cimarron River in Kingfisher County near Dover on June 22. The Cimarron River went above flood stage 11:26 am CDT, crested at 17.1 feet, 0.1 feet above flood stage, at 8:30 am CDT, and fell below flood stage at 4:00 pm CDT on June 22. Minor rural flooding also occurred further downstream along the Cimarron River in Payne County near Ripley on June 23-24. The Cimarron River reached flood stage at 9:45 am CDT on June 23. The river crested at 17.6 feet, 0.6 feet above flood stage, at 4:00 pm CDT on June 23. River waters were below flood stage at 8:34 am CDT on June 24.

The most significant heavy rainfall and flooding event of June occurred on June 19-24. During this period thunderstorms developed in the Oklahoma and Texas Panhandles and then moved through the western half of Oklahoma on three consecutive days on June 19-22. These storms also produced severe hail and wind gusts on June 21.

Rainfall totals for the 72-hour period ending at 7:00 am CDT on June 22 reached 2 to 3 inches in a wide swath that included most of northwest, west central, north central, and central Oklahoma. Hardest hit was the Cimarron River basin in northern Oklahoma where storm total precipitation amounts of 5 to 6+ inches were observed in parts of Harper, Woods, Woodward, Major, Blaine, Kingfisher, and Logan counties. The subsequent heavy runoff produced by these rains generated flash flooding and riverine flooding in northwestern and central Oklahoma.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2004

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

Jackson County

1 N Olustee	28	1830CST 2130CST			0	0			Flash Flood
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Flash flooding occurred during the evening of June 28 as rainfall totals up to 4 inches over Jackson County in southwestern Oklahoma. OK State Highway 6 was covered by floodwaters and mud at 8:30 pm CDT on June 28 at two locations on the highway about 1 mile north of Olustee, OK.

Carter County

Ardmore	30	1100CST 1300CST			0	0			Flash Flood
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Flash flooding occurred during the afternoon of June 30 in Carter County in Ardmore, OK as rainfall amounts of 4 to 6 inches produced rapid runoff that swamped some streets in the city, and stranded out some vehicles in bumper-deep floodwater. Some trash dumpsters were swept away by the floodwaters, and a tree was uprooted and fell onto some utility line.

Beckham County

5 E Erick	30	1950CST			0	0			Hail(1.00)
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Hail was observed along Interstate 40.

Beckham County

7 S Carter	30	2135CST			0	0			Hail(0.75)
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Beckham County

Retrop	30	2145CST			0	0			Hail(0.88)
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Blaine County

Longdale	30	2145CST			0	0	1K		Thunderstorm Wind (EG52)
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Two to three inch diameter tree limbs were downed.

Canadian County

9 W Calumet	30	2300CST			0	0			Hail(0.75)
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Kiowa County

Hobart	30	2330CST			0	0			Hail(0.75)
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TEXAS, Western North

Wichita County

Wichita Falls	01	1619CST			0	0			Hail(1.00)
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Hail was observed on the west side of the city.

Wichita County

Wichita Falls	01	1620CST			0	0			Hail(0.88)
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Hail was reported on the west side of the city.

Archer County

4 N Scotland	01	1625CST			0	0			Hail(0.75)
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Wichita County

Electra	01	1638CST			0	0			Hail(1.00)
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Archer County

Scotland	01	1639CST			0	0			Hail(1.25)
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Archer County

Scotland	01	1644CST			0	0			Hail(0.88)
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Clay County

Lake Arrowhead	01	1645CST			0	0			Hail(1.50)
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Archer County

Windthorst	01	1655CST			0	0			Hail(2.00)
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National Weather Service

Storm Data and Unusual Weather Phenomena



June 2004

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>									
Wichita County									
Kamay	01	1655CST			0	0			Hail(0.88)
Clay County									
10 W Joy	01	1657CST			0	0			Hail(2.50)
Wichita County									
1 SW Wichita Falls	01	1705CST			0	0			Hail(1.00)
Wichita County									
Wichita Falls	01	1711CST			0	0			Hail(1.25)
Wichita County									
Lake Wichita	01	1713CST			0	0			Hail(1.75)
Hail was observed on the north side of the lake.									
Clay County									
9 SW Joy	01	1715CST			0	0			Hail(1.75)
Archer County									
1 W Lakeside City	01	1724CST			0	0			Hail(1.75)
Archer County									
5 N Archer City	01	1740CST			0	0			Hail(1.75)
Archer County									
5 N Archer City	01	1740CST			0	0			Thunderstorm Wind (MG52)
Archer County									
Archer City	01	1740CST			0	0			Thunderstorm Wind (MG52)
Archer County									
Scotland	01	1745CST			0	0			Hail(1.25)
Clay County									
10 WSW Henrietta	01	1745CST			0	0			Hail(1.75)
Hail was reported at Lake Arrowhead State Park.									
Clay County									
Lake Arrowhead	01	1749CST			0	0			Hail(1.00)
Archer County									
8 N Archer City	01	1755CST			0	0			Hail(1.00)
Clay County									
1 N Bluegrove	01	1800CST			0	0			Hail(0.75)
Archer County									
Archer City	01	1804CST			0	0			Hail(1.00)
Archer County									
Archer City	01	1805CST			0	0			Hail(1.75)
Archer County									
3 N Windthorst	01	1817CST			0	0			Hail(0.75)
Clay County									
Petrolia	02	1815CST			0	0	2.5K		Thunderstorm Wind (EG52)
Trees were downed across town.									
Archer County									
2 E Scotland	02	1900CST			0	0			Hail(2.75)
Wilbarger County									
5 N Vernon	02	1900CST			0	0	1M		Thunderstorm Wind (EG65)
Strong wind gusts caused heavy damage at the Wilbarger County Airport. Eleven hangers were damaged as well as nine aircraft. Seven of these aircraft were considered total losses.									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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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TEXAS, Western North

Clay County

Henrietta	02	1902CST			0	0			Hail(0.75)
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Archer County

2 E Scotland	02	1907CST			0	0			Hail(2.75)
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Hail was observed on Highway 172 near the Archer-Clay County line.

Wilbarger County

Vernon	02	1909CST			0	0	150K		Thunderstorm Wind (MG74)
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Some structural damage was reported around town.

Archer County

Windthorst	02	1910CST			0	0			Hail(1.75)
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Wichita County

Electra	02	1925CST			0	0			Thunderstorm Wind (MG52)
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Wichita County

Wichita Falls	02	1941CST			0	0			Hail(1.00)
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Wichita County

Wichita Falls	02	1943CST			0	0	250K		Thunderstorm Wind (EG61)
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A damage path about 60 yards wide was reported in the area of the Kickapoo Airpark on the south side of the city. Six hangars were destroyed at the airport. These hangars were made of sheet metal and were old. Two aircraft were also damaged. Several power poles were downed with a few pulled out of the ground.

Wichita County

Wichita Falls	07	0153CST			0	0			Hail(1.00)
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Hail was observed on the southwest side of the city.

Wichita County

Wichita Falls	07	0200CST 0205CST			0	0			Hail(1.25)
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Hail was observed on Kemp Boulevard.

Wichita County

Wichita Falls	07	0201CST			0	0			Hail(1.00)
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Hail was reported on southwest side of the city.

Wichita County

Wichita Falls	07	0205CST			0	0			Hail(1.75)
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Hail was observed in downtown Wichita Falls.

Wichita County

Sheppard Afb	07	0239CST			0	0			Hail(0.75)
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Knox County

3 W Truscott	11	1813CST			0	0			Hail(1.00)
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Foard County

10 SW Crowell	11	1825CST			0	0			Hail(1.75)
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Foard County

Crowell	11	1843CST			0	0			Hail(1.75)
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TXZ086

Wichita

	11	2150CST 2300CST			0	0			High Wind (MG63)
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Strong winds caused by a heatburst were reported in the Kamay, Iowa Park, and Wichita Falls areas. Wind gusts ranged from 60 mph to 72 mph across the area with the highest measured gust of 72 mph reported at the high school stadium on the southwest side of Wichita Falls.

Knox County

Munday	12	2020CST			0	0	750K		Thunderstorm Wind (EG65)
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Strong wind gusts caused damage across the town of Munday with the worst damage occurring at the Munday High School. The



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2004

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

entire roof of the field house was taken off and dropped about a half a block away. A sign on the building was destroyed. A 20 year plus old tree was downed along with many large tree limbs. Several business and the local newspaper office, The Munday Courier, sustained heavy roof damage. The newspaper building also lost a large garage door that hit another part of the building causing some structural damage. Many homes also sustained roof and tree damage.

Knox County 2 W Knox City	12	2025CST			0	0			Hail(1.75)
Knox County Knox City	12	2025CST			0	0			Thunderstorm Wind (EG61)
Baylor County Seymour	12	2040CST			0	0	2.5K		Thunderstorm Wind (EG52)
Power lines were downed.									
Baylor County Seymour	12	2040CST			0	0	2.5K		Thunderstorm Wind (EG52)
Several 6 to 8 inch diameter tree limbs were downed.									
Archer County Megargel	12	2120CST			0	0			Thunderstorm Wind (MG61)
Wind was measured at the Megargel Fire Department.									
Archer County Holliday	12	2146CST			0	0	3.5K		Thunderstorm Wind (EG52)
Power lines were downed.									
Wichita County Wichita Falls	12	2146CST			0	0	5K		Thunderstorm Wind (EG56)
Power lines were reported down.									
Wichita County Wichita Falls	12	2148CST			0	0			Thunderstorm Wind (MG65)
Wind was observed just south of downtown Wichita Falls									
Clay County 3 SW Dean	12	2150CST			0	0			Thunderstorm Wind (EG52)
Wichita County Burkburnett	12	2151CST			0	0	2.5K		Thunderstorm Wind (EG56)
Power lines were downed.									
Wilbarger County Lockett	22	0030CST			0	0	1K		Thunderstorm Wind (EG52)
Three inch diameter tree limbs were downed.									
Foard County 8 N Crowell	22	0100CST			0	0			Thunderstorm Wind (EG61)
Hardeman County 5 W Chillicothe	22	0115CST			0	0	1.5K		Thunderstorm Wind (EG56)
A ten inch diameter tree limb was downed.									
Wilbarger County 4 NE Lockett	22	0130CST			0	0			Thunderstorm Wind (EG61)