



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2006

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

OKZ004>048-050>052	Harper - Woods - Alfalfa - Grant - Kay - Ellis - Woodward - Major - Garfield - Noble - Roger Mills - Dewey - Custer - Blaine - Kingfisher - Logan - Payne - Beckham - Washita - Caddo - Canadian - Oklahoma - Lincoln - Grady - McClain - Cleveland - Pottawatomie - Seminole - Hughes - Harmon - Greer - Kiowa - Jackson - Tillman - Comanche - Stephens - Garvin - Murray - Pontotoc - Coal - Cotton - Jefferson - Carter - Johnston - Atoka - Love - Marshall - Bryan								
	01	0000CST			0	0	151M		Drought
	30	2359CST							

The drought continued to affect the region during June. The drought remained at severe to extreme (D2-D3) levels throughout the area during the month with the worst conditions occurring in western Oklahoma. The month of June was the heart of the winter wheat harvest which showed losses to the wheat crop due to the drought. The area had been declared a federal disaster area so that farmers and ranchers could receive aid through loans. Only 53% of the acres of wheat planted were actually harvested with the rest of the acreage abandoned for loss. The average amount harvested in a year is usually about 75%. The quality of the wheat crop was also down with 23 bushels per acre produced compared to a 45 year average of 28.6 bushels per acre. The amount per acre is the lowest since 1995 and 1996. With the low wheat production of crop actually harvested and the amount of acres that were abandoned, the total monetary loss of the wheat crop due to the drought was roughly estimated at \$150 million

The winter wheat crop was not the only aspect of the agriculture community that was affected by the drought. Pastures and hay production continued to remain low which affected ranchers and farmers that raise livestock. Farm ponds also continued to dry up. With the lack of food and adequate water, many farmers and ranchers continued to sell part or all of their herds. Those businesses that rely on the harvest of crops were also adversely impacted.

The lack of rainfall continued to impact communities and outdoor recreation activities and their associated businesses. Additional towns instigated some level of water rationing in their communities. Low lake, river, and pond levels had also affected fishing, swimming, and boating activities. In some cases, the lakes had receded enough that boat docks and ramps were on dry land. The low lake levels also caused some parts of the lakes to become dangerous to boaters due to the lake bottom and the things laying on them being closer to the surface which had caused some accidents.

The ongoing dry conditions also caused an increase in fire danger over the area, with much of the vegetation beginning to cure again after becoming green for a short time in the spring. Several wildfires occurred over the area during the month of June. Firefighters were able to contain the fires causing only a few hundred acres or less to burn per fire.

Ellis County									
8 WSW Arnett	04	0255CST			0	0			Thunderstorm Wind (MG52)
			Wind gust was measured by the Oklahoma mesonet.						
Grant County									
3 E Renfrow	10	1505CST			0	0			Thunderstorm Wind (EG52)
Kay County									
Braman	10	1555CST			0	0	15K		Thunderstorm Wind (EG61)
			The roof of a local cafe was partially blown off. A two foot diameter tree was downed. Tree limbs, 4-5 inches in diameter, were also snapped.						
Kay County									
1 W Kildare	10	1708CST			0	0			Thunderstorm Wind (EG52)
Roger Mills County									
Dempsey	16	1832CST			0	0			Hail(0.75)
Roger Mills County									
1 SSW Cheyenne	16	1838CST			0	0			Hail(1.00)



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OKLAHOMA, Western, Central and Southeast

Beckham County 8.5 NW Mayfield	16	1905CST			0	0			Hail(1.00)
Roger Mills County 4 W Sweetwater	16	1905CST			0	0			Hail(1.00)
Harmon County 5 WSW Hollis	16	1910CST			0	0			Hail(0.75)
Roger Mills County Cheyenne	16	1930CST			0	0			Thunderstorm Wind (MG52)
Harmon County 3 W Gould	16	1935CST			0	0			Thunderstorm Wind (MG51) Wind gust was measured by the Oklahoma mesonet.
Roger Mills County Cheyenne	16	1935CST			0	0			Hail(0.88)
Harmon County 3 W Gould	16	1940CST			0	0			Thunderstorm Wind (MG56) Wind gust was measured by the Oklahoma mesonet.
Harmon County 6 E Hollis	16	1940CST			0	0	7.5K		Thunderstorm Wind (EG61) Several pieces of farming equipment were blown across a field and through a fence.
Harmon County Hollis	16	1945CST			0	0			Hail(0.88)
Harmon County Hollis	16	1945CST			0	0	5K		Thunderstorm Wind (EG56) A few power poles and many tree limbs were downed. A few roofs sustained minor damage.
Jackson County 1 NW Martha	16	2000CST			0	0	2.5K		Thunderstorm Wind (EG56) Power lines were downed.
Roger Mills County 9 E Dempsey	16	2000CST			0	0			Hail(1.75) Hail was reported covering the ground near the intersection of Dempsey Road and Highway 283.
Roger Mills County 2 E Herring Station	16	2010CST			0	0	2.5K		Thunderstorm Wind (EG56) Power lines were downed near the river.
Roger Mills County Herring Station	16	2015CST			0	0			Thunderstorm Wind (EG52) Small hail was also reported.
Greer County Mangum	16	2025CST			0	0	0.50K		Thunderstorm Wind (EG56) Some tree limbs were downed.
Greer County 6 SW Mangum	16	2039CST			0	0	7.5K		Thunderstorm Wind (EG65) A patio cover was blown apart. Several small trees were also downed.
Kingfisher County 5 S Reeding	16	2235CST			0	0	7.5K		Thunderstorm Wind (EG56) Power poles were downed.
Kiowa County Lugert	16	2255CST			0	0			Hail(0.75)



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OKLAHOMA, Western, Central and Southeast

Kiowa County (Hbr)Muni Arpt	16	2341CST			0	0			Thunderstorm Wind (MG50) Wind gust was measured by the KHBR ASOS near Hobart.
Canadian County 5 WNW El Reno	17	0010CST			0	0			Thunderstorm Wind (MG57) Wind gust was measured by the Oklahoma mesonet.
Oklahoma County (Tik)Tinker Afb	17	0100CST			0	0			Thunderstorm Wind (MG52) Wind gust was measured at Tinker Air Force Base (KTIK).
Comanche County Lawton	17	1333CST			0	0			Hail(0.88) Hail was observed on the southwest side of town.
Tillman County 1 W Davidson	17	1339CST			0	0			Hail(0.75)
Comanche County Lawton	17	1346CST			0	0			Hail(0.75)
Ellis County Fargo	17	1349CST			0	0			Hail(0.75)
Grady County 6 E Tabler	17	1359CST			0	0			Hail(0.88)
Comanche County 3 S Cache	17	1400CST			0	0			Hail(1.00) Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).
Comanche County 1 W Lawton	17	1406CST			0	0			Hail(1.00)
Stephens County 1 WSW Marlow	17	1410CST			0	0			Hail(0.75)
Comanche County Lawton	17	1412CST			0	0	0.20K		Thunderstorm Wind (EG52) Three inch diameter tree limbs were downed.
Comanche County 4 NW Lawton	17	1415CST			0	0			Hail(0.88) Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).
Grady County 2 W Norge	17	1416CST			0	0			Hail(0.75)
Grady County 2 W Norge	17	1417CST			0	0			Hail(1.75)
Grady County 1 E Laverty	17	1424CST			0	0			Hail(1.25)
Comanche County 3 SW Cache	17	1425CST			0	0			Hail(1.25) Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).
Comanche County 1 W Cache	17	1428CST			0	0			Hail(1.00) Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).
Comanche County 5 S Lawton	17	1428CST			0	0			Thunderstorm Wind (EG52)



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OKLAHOMA, Western, Central and Southeast									
Comanche County									
Lawton	17	1432CST			0	0			Hail(0.88)
Kiowa County									
7 E Snyder	17	1505CST			0	0			Hail(1.00)
Stephens County									
Duncan	17	1513CST			0	0	0.50K		Thunderstorm Wind (EG56)
A large tree was downed blocking Highway 81.									
Garvin County									
Pernell	17	1515CST			0	0			Hail(1.25)
Grady County									
8 E Chickasha	17	1518CST			0	0			Hail(0.88)
Caddo County									
1 S Anadarko	17	1533CST			0	0			Hail(0.75)
Cleveland County									
Norman	17	1540CST			0	0			Thunderstorm Wind (EG52)
Wind gust was estimated by an off-duty NWS employee on the northwest side of town.									
Pottawatomie County									
3 SW Maud	17	1540CST			0	0			Hail(0.75)
Caddo County									
3.8 S Anadarko	17	1555CST			0	0			Hail(0.88)
Caddo County									
2 S Anadarko	17	1600CST			0	0			Hail(0.75)
Hail report gathered by NSSL Severe Hail Verification Experiment (SHAVE)									
Seminole County									
3 NE Bowlegs	17	1605CST			0	0			Thunderstorm Wind (MG51)
Wind gust was measured by the Oklahoma mesonet.									
Seminole County									
Cromwell	17	1617CST			0	0	0.50K		Thunderstorm Wind (EG52)
Tree limbs, 1-2 inches in diameter, were downed.									
Garvin County									
5 ENE Wynnewood	17	1620CST			0	0			Hail(0.88)
Lincoln County									
Prague	17	1638CST			0	0			Hail(0.75)
Kingfisher County									
10 W Kingfisher	17	1800CST			0	0			Thunderstorm Wind (EG52)
Garfield County									
5 NNE Drummond	17	1825CST			0	0			Funnel Cloud
A brief funnel cloud developed near a cold front that was moving across the area. This funnel cloud may have briefly reached the ground as a landspout, but no damage was reported.									
OKZ020									
Payne	18	1745CST			0	0			Heat
A 21-month old boy succumbed (indirect) to the heat when left in a car for an hour in Stillwater, Oklahoma. High temperatures across the area were in the mid 90s on June 18th.									
Ellis County									
5 NNW Catesby to 3 NNW Catesby	18	1945CST 1955CST			0	0	2.5K		Thunderstorm Wind (EG56)
Trees were reported snapped and power poles downed between EW 31 and EW33 roads.									
Ellis County									
3 N Catesby	18	1950CST			0	0			Thunderstorm Wind (EG52)



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OKLAHOMA, Western, Central and Southeast

Ellis County									
2 NW Catesby	18	1953CST			0	0			Hail(1.00)
Hail was reported covering the ground.									
Ellis County									
1 E Catesby	18	1955CST			0	0			Hail(0.88)
Ellis County									
12 NNW Shattuck	18	2010CST			0	0			Hail(3.00)
Hail, 2.5-3 inches in diameter, was observed west of Highway 283 on Highway 15.									
Ellis County									
(Gag)Shattuck Arpt G	18	2039CST			0	0			Thunderstorm Wind (MG50)
Wind gust was measured by the KGAG ASOS.									
Woodward County									
Woodward Arpt	18	2050CST			0	0			Thunderstorm Wind (MG52)
Wind gust was measured by the KWWR AWOS near Woodward.									
OKZ025									
Oklahoma									
	19	0600CST			1	0			Heat
An elderly woman was found dead sitting in a patio chair on her back porch at her home in Edmond, Oklahoma Monday morning at 0600 CST. However, the exact time of her death was not reported. The woman was found to have died due to the heat. The high temperature on Sunday June 18 was in the mid 90s with overnight lows reaching the upper 60s.									
F78PH									
OKZ024									
Canadian									
	20	1500CST			1	0			Heat
A man collapsed at a house in Yukon, Oklahoma on Tuesday June 20 due to the heat. He died from the effects of heat stress the following day in the hospital.									
M32PH									
Harper County									
10 NNW Buffalo	21	1910CST			0	0	7.5K		Thunderstorm Wind (EG65)
High line power poles were downed.									
Harper County									
7 WNW Laverne	21	1930CST			0	0			Hail(0.75)
Harper County									
Buffalo	21	2030CST			0	0			Hail(0.88)
Harper County									
.5 SW Buffalo	21	2030CST			0	0			Thunderstorm Wind (MG50)
Wind gust was measured by the Oklahoma mesonet.									
Woodward County									
6 SE Mutual	21	2205CST			0	0			Thunderstorm Wind (MG60)
Wind gust was measured by the Oklahoma mesonet.									
Harper County									
Buffalo	22	2020CST			0	0			Thunderstorm Wind (EG52)
Harper County									
2 E Buffalo	22	2031CST			0	0	5K		Thunderstorm Wind (EG52)
Tin was blown off several buildings.									
Woods County									
Waynoka	22	2235CST			0	0			Hail(0.75)
Major County									
North Portion	23	0700CST			0	0			Flood
	24	0030CST							
Strong to severe thunderstorms dropped heavy rainfall accumulations of 3 to 6+ inches over the Cimarron River basin in Woods and									



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					Killed	Injured	Property	Crops	

OKLAHOMA, Western, Central and Southeast

northern Woodward counties during the evening of June 22 and early morning hours of June 23. Minor rural flooding occurred along the Cimarron River and some of its smaller tributaries in northwestern Oklahoma on June 23-24. The Cimarron River crested at the river gage site 5 miles south of Waynoka, OK at 9.2 feet, 1.2 feet above flood stage, at 2:30 pm CST on June 23, and was above flood stage from 7:00 am CST on June 23 to 12:30 am CST on June 24.

Woods County

West Portion

23	0700CST				0	0			Flood
24	0030CST								

Strong to severe thunderstorms dropped heavy rainfall accumulations of 3 to 6+ inches over the Cimarron River basin in Woods and northern Woodward counties during the evening of June 22 and early morning hours of June 23. Minor rural flooding occurred along the Cimarron River and some of its smaller tributaries in northwestern Oklahoma on June 23-24. The Cimarron River crested at the river gage site 5 miles south of Waynoka, OK at 9.2 feet, 1.2 feet above flood stage, at 2:30 pm CST on June 23, and was above flood stage from 7:00 am CST on June 23 to 12:30 am CST on June 24.

Woodward County

Northeast Portion

23	0700CST				0	0			Flood
24	0030CST								

Strong to severe thunderstorms dropped heavy rainfall accumulations of 3 to 6+ inches over the Cimarron River basin in Woods and northern Woodward counties during the evening of June 22 and early morning hours of June 23. Minor rural flooding occurred along the Cimarron River and some of its smaller tributaries in northwestern Oklahoma on June 23-24. The Cimarron River crested at the river gage site 5 miles south of Waynoka, OK at 9.2 feet, 1.2 feet above flood stage, at 2:30 pm CST on June 23, and was above flood stage from 7:00 am CST on June 23 to 12:30 am CST on June 24.

TEXAS, Western North

Wilbarger County

4 NW Vernon

17	1305CST				0	0			Hail(1.75)
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Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).

Wilbarger County

5 SW Fargo

17	1315CST				0	0			Hail(0.88)
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Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).

Wilbarger County

3 N Vernon

17	1315CST				0	0			Hail(1.00)
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Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).

Wilbarger County

4 N Vernon

17	1317CST				0	0			Hail(1.00)
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Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).

Wilbarger County

4 SE Fargo

17	1319CST				0	0			Hail(1.25)
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Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).

Wilbarger County

5 S Fargo

17	1335CST				0	0			Hail(1.50)
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Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).

Wilbarger County

1 W Fargo

17	1345CST				0	0			Hail(0.88)
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Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).

Wilbarger County

4 NW Fargo

17	1350CST				0	0			Hail(0.88)
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Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).



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TEXAS, Western North

Wilbarger County

2 N Fargo **17** **1350CST** **0** **0** **Hail(1.00)**
 Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).

Wilbarger County

3 NW Fargo **17** **1350CST** **0** **0** **Hail(1.25)**
 Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).

Wilbarger County

1 SW Fargo **17** **1400CST** **0** **0** **Hail(0.88)**
 Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).

Wilbarger County

4 NW Fargo **17** **1400CST** **0** **0** **Hail(1.75)**
 Hail report gathered by the NSSL Severe Hail Verification Experiment (SHAVE).

Hardeman County

Chillicothe **17** **1436CST** **0** **0** **Hail(0.75)**

Hardeman County

6 S Chillicothe **17** **1436CST** **0** **0** **Hail(0.75)**

Wilbarger County

1 WSW White City **17** **1446CST** **0** **0** **Hail(0.75)**

Hardeman County

Chillicothe **17** **1530CST** **0** **0** **Hail(1.75)**