



National Weather Service

Storm Data and Unusual Weather Phenomena



July 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

Harper County

Laverne	01	0155CST			0	0	0.50K		Thunderstorm Wind (EG52)
Tree limbs, two to three inches in diameter, were downed.									

Ellis County

Gage Arpt	01	0212CST			0	0			Thunderstorm Wind (MG52)
Wind was measured by the KGAG ASOS station.									

Woodward County

Woodward Arpt	01	0231CST			0	0			Thunderstorm Wind (MG56)
Wind was measured by the KWWR AWOS station.									

Woodward County

2 WSW Woodward	01	0235CST			0	0			Thunderstorm Wind (MG58)
Wind was measured by the Oklahoma mesonet.									

Woodward County

2 WSW Woodward	01	0240CST			0	0			Thunderstorm Wind (MG51)
Wind was measured by the Oklahoma mesonet.									

Dewey County

4 WNW Camargo	01	0245CST			0	0			Thunderstorm Wind (MG51)
Wind was measured by the Oklahoma mesonet.									

Roger Mills County

6 SW Cheyenne	01	0250CST			0	0			Thunderstorm Wind (MG55)
Wind was measured by the Oklahoma mesonet.									

Woodward County

8 W Sharon	01	0300CST			0	0			Hail(0.75)
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Woodward County

8 W Sharon	01	0300CST			0	0	0.50K		Thunderstorm Wind (EG56)
Four inch diameter tree limbs were downed.									

Washita County

4 WNW Bessie	01	0325CST			0	0			Thunderstorm Wind (MG61)
Wind was measured by the Oklahoma mesonet.									

Custer County

Clinton Arpt	01	0330CST			0	0			Thunderstorm Wind (MG51)
Wind gust was measured by the KCLK AWOS station on the east side of town.									

Custer County

4 WSW Weatherford	01	0335CST			0	0			Thunderstorm Wind (MG52)
Wind was measured by the Oklahoma mesonet.									

Caddo County

7 W Hinton	01	0345CST			0	0			Thunderstorm Wind (MG56)
Wind was measured by the Oklahoma mesonet.									

Kiowa County

4 NNW Mountain Park	02	0430CST			0	0	30K		Thunderstorm Wind (EG65)
Tree limbs greater than one foot in diameter were downed. A boat was also overturned and sank in Tom Steed Lake.									

Grant County

1 E Renfrow	03	2025CST			0	0			Thunderstorm Wind (EG52)
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Kay County

3 W Braman	03	2030CST			0	0			Thunderstorm Wind (EG56)
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Kay County

3 W Braman	03	2110CST			0	0			Hail(1.00)
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					Killed	Injured	Property	Crops	
<u>OKLAHOMA, Western, Central and Southeast</u>									
Kay County									
3 W Braman	03	2110CST			0	0			Thunderstorm Wind (EG56)
Kay County									
Blackwell	03	2115CST			0	0			Hail(1.00)
Kay County									
Blackwell	03	2115CST			0	0			Thunderstorm Wind (MG54)
Kay County									
Braman	03	2119CST			0	0			Hail(1.00)
Kay County									
4 SSE Blackwell	03	2120CST			0	0			Thunderstorm Wind (MG52)
		Wind was measured by the Oklahoma mesonet.							
Kay County									
Blackwell	03	2126CST			0	0			Hail(0.75)
Kay County									
4 SSE Blackwell	03	2130CST			0	0			Thunderstorm Wind (MG52)
		Wind was measured by the Oklahoma mesonet.							
Kay County									
4 W Ponca City	03	2147CST			0	0			Hail(0.75)
Kay County									
6 NW Kaw City	03	2155CST			0	0			Thunderstorm Wind (MG62)
		Wind was measured by the Oklahoma mesonet.							
Harper County									
Buffalo	03	2158CST			0	0			Hail(1.75)
Woods County									
6 W Camp Houston	03	2200CST			0	0	2.5K		Thunderstorm Wind (EG56)
		A tree fell on power lines. Power poles were also downed.							
Woodward County									
3 SE Ft Supply	03	2210CST			0	0			Hail(1.00)
Woods County									
7 SSW Alva	03	2220CST			0	0			Thunderstorm Wind (MG55)
		Wind was measured by the Oklahoma mesonet.							
Woods County									
7 SSW Alva	03	2225CST			0	0			Thunderstorm Wind (MG59)
		Wind was measured by the Oklahoma mesonet.							
Alfalfa County									
Carmen	03	2230CST			0	0	2.5K		Thunderstorm Wind (EG56)
		Power lines were downed.							
Alfalfa County									
Cherokee	03	2230CST			0	0	5K		Thunderstorm Wind (EG56)
		Trees were downed.							
Woods County									
7 SSW Alva	03	2230CST			0	0			Thunderstorm Wind (MG58)
		Wind was measured by the Oklahoma mesonet.							
Ellis County									
9 NNW Gage	03	2240CST			0	0	1K		Thunderstorm Wind (EG56)
		Six to seven inch diameter tree limbs were downed.							
Grant County									
1 SW Medford	03	2255CST			0	0			Thunderstorm Wind (MG60)
		Wind was measured by the Oklahoma mesonet.							



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<u>OKLAHOMA, Western, Central and Southeast</u>									
Harper County									
9 E May	03	2255CST			0	0			Hail(0.88)
Grant County									
Lamont	03	2300CST			0	0	0.25K		Thunderstorm Wind (EG56)
Tree limbs, two to three inches in diameter, were downed.									
Major County									
1 W Fairview	03	2305CST			0	0			Thunderstorm Wind (MG55)
Wind was measured by the Oklahoma mesonet.									
Major County									
3 E Meno	03	2305CST			0	0			Thunderstorm Wind (MG70)
Wind was measured by the Oklahoma mesonet.									
Dewey County									
3 N Putnam	03	2310CST			0	0			Thunderstorm Wind (MG53)
Wind was measured by the Oklahoma mesonet.									
Garfield County									
(Wdg) Woodring Arpt	03	2310CST			0	0			Thunderstorm Wind (MG56)
Wind was measured by the KWVG AWOS station.									
Major County									
3 E Meno	03	2310CST			0	0			Thunderstorm Wind (MG65)
Wind was measured by the Oklahoma mesonet.									
Dewey County									
3 N Putnam	03	2315CST			0	0			Thunderstorm Wind (MG55)
Wind was measured by the Oklahoma mesonet.									
Kay County									
3 W Braman	03	2315CST			0	0			Thunderstorm Wind (EG52)
Major County									
6 E Chester	03	2315CST			0	0	1.5K		Thunderstorm Wind (EG61)
A large tree was downed on Highway 60.									
Major County									
3 E Meno	03	2315CST			0	0			Thunderstorm Wind (MG50)
Wind was measured by the Oklahoma mesonet.									
Dewey County									
Taloga to 2 S Taloga	03	2320CST			0	0	1K		Thunderstorm Wind (EG61)
Tree limbs, up to 12 inches in diameter, were downed in town. Road signs were blown down south of town near the cemetery.									
Dewey County									
3 E Vici	03	2320CST			0	0	0.50K		Thunderstorm Wind (EG56)
Power lines were downed near the Ichem Plant.									
Kay County									
Blackwell	03	2322CST			0	0			Thunderstorm Wind (MG89)
The wind gust was measured on an overpass in the northwest part of town.									
Kay County									
Blackwell	03	2322CST			0	0			Thunderstorm Wind (MG63)
The wind gust was measured at the Blackwell Emergency Operations Center.									
Kay County									
Ponca City	03	2322CST			0	0			Thunderstorm Wind (MG68)
Kay County									
Blackwell	03	2325CST			0	0	100K		Thunderstorm Wind (EG69)
Roofs were blown off many homes. Windows were blown out of numerous store fronts. An antenna at the police station was blown									



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OKLAHOMA, Western, Central and Southeast

over. Several power lines and trees were also downed.

Kay County

Braman	03	2325CST 2345CST			0	0	250K		Thunderstorm Wind (EG69)
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Strong winds, gusting as high as 80 mph, lasted for 20 minutes causing damage across town. Large trees were downed. A brick storage building was destroyed. Several car ports were also destroyed.

Kay County

3.5 W Blackwell	03	2327CST			0	0			Thunderstorm Wind (EG69)
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Wind gust was reported near the intersection of Interstate 35 and Highway 11.

Kay County

(Pnc)Ponca City Arpt	03	2334CST			0	0			Thunderstorm Wind (MG51)
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Wind was measured by the KPNC ASOS station.

Kay County

4 SSE Blackwell	03	2335CST			0	0			Thunderstorm Wind (MG61)
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Wind was measured by the Oklahoma mesonet.

Kay County

Ponca City	03	2335CST			0	0	20K		Thunderstorm Wind (EG61)
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Numerous tree limbs were downed across town. There were an estimated 50 to 60 large trees uprooted. At Ponca Lake the docks were damaged and a ski boat sank.

Noble County

Perry	03	2335CST			0	0			Thunderstorm Wind (EG52)
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Kay County

(Pnc)Ponca City Arpt	03	2337CST			0	0			Thunderstorm Wind (MG51)
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Wind gust was measured by the KPNC ASOS station.

Kay County

(Pnc)Ponca City Arpt	03	2339CST			0	0			Thunderstorm Wind (MG62)
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Wind was measured by the KPNC ASOS station.

Kay County

Ponca City	03	2339CST			0	0	0.50K		Thunderstorm Wind (EG56)
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Several tree limbs were downed.

Kingfisher County

2 NE Kingfisher	03	2340CST			0	0			Thunderstorm Wind (MG54)
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Wind was measured by the Oklahoma mesonet.

Kay County

(Pnc)Ponca City Arpt	03	2341CST			0	0			Thunderstorm Wind (MG62)
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Wind was measured by the KPNC ASOS station.

Dewey County

Vici	03	2345CST			0	0			Hail(1.75)
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Kingfisher County

2 NE Kingfisher	03	2345CST			0	0			Thunderstorm Wind (MG57)
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Wind was measured by the Oklahoma mesonet.

Noble County

4 SE Billings	03	2346CST			0	0			Thunderstorm Wind (MG54)
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Kingfisher County

Kingfisher	03	2350CST			0	0	7.5K		Thunderstorm Wind (EG61)
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Several trees were downed. Two buildings sustained some roof damage. A municipal building had a 3 foot by 3 foot metal fresh air damper vent blown off its roof. The winds also damaged a sign that was on top of the building. An antenna tower was also blown off the top of the police headquarters landing on an adjacent building.



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OKLAHOMA, Western, Central and Southeast

Blaine County									
Watonga Arpt	03	2355CST			0	0			Thunderstorm Wind (MG53)
Wind was measured by the KJWG AWOS station.									
Canadian County									
5 SSE Yukon	04	0022CST			0	0			Thunderstorm Wind (EG52)
Wind was reported 0.5 miles south of Lake Overholser.									
Oklahoma County									
1 SW Bethany	04	0022CST			0	0			Thunderstorm Wind (EG52)
Lincoln County									
1 SW Wellston	04	0026CST			0	0			Thunderstorm Wind (EG52)
Blaine County									
3 E Greenfield	04	0030CST			0	0			Thunderstorm Wind (EG52)
Lincoln County									
7 S Wellston	04	0030CST			0	0	0.50K		Thunderstorm Wind (EG56)
Six inch diameter tree limbs were downed.									
Caddo County									
7 W Hinton	04	0035CST			0	0			Thunderstorm Wind (MG52)
Wind was measured by the Oklahoma mesonet.									
Grady County									
2 SSW Minco	04	0040CST			0	0			Thunderstorm Wind (MG65)
Wind was measured by the Oklahoma mesonet.									
Grady County									
2 SSW Minco	04	0045CST			0	0			Thunderstorm Wind (MG63)
Wind was measured by the Oklahoma mesonet.									
Oklahoma County									
Oklahoma City	04	0105CST			0	0			Thunderstorm Wind (MG52)
Wind gust was reported by KOCO Channel 5 in Oklahoma City, near the Interstate 44 and Interstate 40 junction.									
Oklahoma County									
(Okc)Will Rogers Apt	04	0110CST			0	0			Thunderstorm Wind (MG55)
Wind was measured by the KOKC ASOS station at Will Rogers World Airport.									
Cleveland County									
Moore	04	0116CST			0	0			Thunderstorm Wind (MG55)
Cleveland County									
Moore	04	0120CST			0	0	3K		Thunderstorm Wind (EG61)
Numerous tree limbs and fence panels were downed, mainly in the southern portion of the city.									
Cleveland County									
Moore	04	0120CST			0	0	1K		Thunderstorm Wind (EG61)
A few power poles were snapped southeast of the junction of Interstate 35 and South 19th Street.									
Oklahoma County									
1 N Midwest City	04	0130CST			0	0	1.5K		Thunderstorm Wind (EG56)
Six inch diameter tree limbs and power lines were downed near the corner of Mockingbird Lane and Reno Avenue									
Oklahoma County									
Midwest City	04	0131CST			0	0			Thunderstorm Wind (EG56)
Oklahoma County									
Midwest City	04	0131CST			0	0	2.5K		Thunderstorm Wind (EG56)
Tree limbs and power lines were downed. Some of which blocked roadways. Some large trees were also downed.									



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OKLAHOMA, Western, Central and Southeast

Seminole County

Seminole	04	0135CST			0	0	5K		Thunderstorm Wind (EG56)
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Trees and tree limbs were downed. A few 4th of July fireworks stands were also downed

Cleveland County

Moore	04	0137CST			0	0			Hail(0.75)
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Hail was reported covering the ground at SE 34th Street and Broadway Avenue.

Cleveland County

Norman	04	0139CST			0	0			Thunderstorm Wind (MG50)
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Wind gust was measured at the Storm Prediction Center on the north side of town.

Pottawatomie County

Mc Loud	04	0145CST			0	0	7.5K		Thunderstorm Wind (EG56)
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A nursing home was damaged in town.

Seminole County

1 N Wewoka	04	0145CST			0	0	1K		Thunderstorm Wind (EG61)
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A tree was downed blocking old Highway 56 near EW127.

Pottawatomie County

Shawnee	04	0155CST			0	0	5K		Thunderstorm Wind (EG56)
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Trees and power lines were downed. The ceiling fell in at the Shawnee Care Center.

Pontotoc County

6 SW Fittstown	04	0440CST			0	0			Thunderstorm Wind (MG53)
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Wind was measured by the Oklahoma mesonet.

OKZ007>008

Grant - Kay

04	0600CST			0	0				Flood
05	2000CST								

The atmosphere provided its own fireworks for the 2005 Independence Day weekend as severe thunderstorms moved through south central Kansas and north central Oklahoma dropping heavy rainfall over the region during the evening of July 3 and early morning of July 4. The heavy runoff produced moderate flooding along the Chikaskia River in northeastern Grant and Kay counties and some agricultural fields experienced flood depths of 1-2 feet, while some secondary roads in the area were covered by floodwaters on July 4-5. In addition, shallow flooding of some city streets in the northeastern section of Blackwell, OK also occurred on July 5. At the river gage site 1 mile northeast of Blackwell, the Chikaskia River crested at 30.8 feet, 1.8 feet above flood stage, at 12:30 pm CST on July 5, and remained above flood stage from 3:00 am CST to 8:00 pm CST on July 5.

Garvin County

5 N Hennepin	04	2310CST			0	0			Hail(0.88)
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Murray County

4 W Davis	04	2335CST			0	0	0.50K		Thunderstorm Wind (EG52)
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Tree limbs, three inches in diameter, were downed.

Atoka County

Atoka	05	0240CST			0	0	10K		Flash Flood
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Strong to severe thunderstorms moved over Atoka County in southeastern Oklahoma, and dumped heavy rainfall amounts of 2 to 5 inches during a 48-hour period ending at 6:00 am CST on July 5. Most of the heavy rain fell from 12:00 am CST to 6:00 am CST on July 5, and although the area had been suffering through drought conditions, and soil moisture conditions were dry, the rapid runoff produced flash flooding in Atoka County during the early morning hours of July 5. At 2:40 am CST on July 5, an Atoka County law enforcement official reported that an underpass on a local road had flooded in the city of Atoka, and a car had been stranded in the floodwaters.



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OKLAHOMA, Western, Central and Southeast

OKZ005-010>011 **Woods - Woodward - Major**

	05	1000CST			0	0			Flood
	07	0600CST							

Multiple rounds of thunderstorms and showers moving over northwestern Oklahoma on July 1-5 generated 5-day rainfall totals of 2 to 5 inches, and eventually produced minor flooding along the Cimarron River near Waynoka, OK. The river gage site near Waynoka rose above a flood stage of 8 feet at 10:00 am CST on July 5, and oscillated just above and below the 8-foot mark for the next two days before finally receding below flood stage at 6:00 am CST on July 7. Three crests above flood stage were recorded during this event, and a crest of 8.3 feet, the highest crest during the period, occurred at 9:00 pm CST on July 6. Only minor agricultural flooding occurred during this event.

Greer County
Granite **06** **0145CST** **0** **0** **5K** **Thunderstorm Wind (EG52)**
A portion of the roof of the Granite City Hall was peeled off.

Grant County
Manchester **12** **1455CST** **0** **0** **Thunderstorm Wind (EG52)**

Kay County
3 WNW Blackwell **12** **1500CST** **0** **0** **Thunderstorm Wind (MG54)**

Logan County
Marshall **12** **1557CST** **0** **0** **Hail(1.00)**

Logan County
Marshall **12** **1600CST** **0** **0** **30K** **Thunderstorm Wind (EG61)**
Winds on the north side of town destroyed a 40 by 70 foot metal building at the Marshall COOP.

Logan County
4 SSE Marshall **12** **1600CST** **0** **0** **Thunderstorm Wind (MG60)**
Wind was measured by the Oklahoma mesonet.

Kingfisher County
7 E Hennessey **12** **1620CST** **0** **0** **Hail(0.75)**

Kingfisher County
7 E Hennessey **12** **1625CST** **0** **0** **Thunderstorm Wind (EG56)**

Woods County
3 NE Alva **18** **1715CST** **0** **0** **50K** **Thunderstorm Wind (EG61)**
Five BNSF railroad cars were blown off the tracks.

Major County
1 W Fairview **18** **1930CST** **0** **0** **Thunderstorm Wind (MG53)**
Wind was measured by the Oklahoma mesonet.

Major County
Fairview **18** **1935CST** **0** **0** **Hail(1.75)**

Major County
Fairview **18** **1936CST** **0** **0** **Hail(2.50)**

Lincoln County
1 E Stroud **23** **1629CST** **0** **0** **Hail(0.75)**

TEXAS, Western North

Knox County
3 N Goree **01** **2250CST** **0** **0** **Hail(1.00)**



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TEXAS, Western North

Archer County 6 SSW Windthorst	04	1943CST			0	0			Hail(0.75)
Archer County Windthorst	04	2000CST			0	0			Hail(1.75)
Archer County 6 SSW Windthorst	04	2005CST			0	0			Hail(0.75)
Archer County 2 N Windthorst	04	2013CST			0	0			Hail(1.75)
Archer County 2 N Windthorst	04	2013CST			0	0			Thunderstorm Wind (EG52)
Archer County Windthorst	04	2015CST			0	0			Hail(0.88)
Clay County 9 WSW Joy	04	2020CST			0	0			Hail(0.75)
Clay County Petrolia	14	1440CST			0	0			Hail(1.00)
Clay County Petrolia	14	1440CST			0	0			Thunderstorm Wind (EG52)