



National Weather Service

Storm Data and Unusual Weather Phenomena



May 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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OKLAHOMA, Western, Central and Southeast

Kiowa County Cooperton	12	1720CST			0	0			Hail(0.75)
Kiowa County Mountain View	12	1802CST			0	0			Hail(1.75)
Jackson County 13 S Altus	12	1820CST			0	0			Hail(1.25)
Hail was observed just north of the state-line on Highway 283.									
Washita County 6 S Cowden	12	1820CST			0	0			Hail(1.00)
Major County 3 W Orienta	12	1837CST			0	0			Hail(1.00)
Jackson County Altus Afb	12	1841CST			0	0			Hail(1.75)
Kiowa County Gotebo	12	1845CST			0	0			Hail(1.00)
Jackson County 3 E Altus	12	1847CST			0	0			Hail(1.75)
Jackson County Altus Afb	12	1847CST			0	0			Hail(1.00)
Kiowa County Roosevelt	12	1905CST			0	0			Hail(1.00)
Washita County Cordell	12	1905CST			0	0			Hail(0.75)
Washita County 9 E Cordell	12	1915CST			0	0			Hail(0.88)
Kiowa County Mountain View	12	1920CST			0	0			Hail(2.75)
Kiowa County 3 SW Mountain View	12	1927CST			0	0			Hail(1.00)
Kiowa County 3 N Gotebo	12	1936CST			0	0			Hail(2.50)
Washita County 1 SW Bessie	12	1939CST			0	0			Hail(1.00)
Washita County 6 NW Corn	12	2010CST			0	0			Hail(0.88)
Jefferson County 2 ENE Grady	13	1143CST			0	0			Hail(0.75)
Caddo County 8.5 NNE Anadarko	13	1154CST			0	0			Hail(0.75)
Grady County 2 N Verden	13	1154CST			0	0			Hail(0.75)
Grady County 3 S Chickasha	13	1221CST			0	0			Hail(0.75)
Hail was observed on Highway 81.									
Oklahoma County Oklahoma City	13	1222CST			0	0			Hail(0.88)
Hail was observed near the intersection of Interstate 35 and Interstate 44 west exit on the northeast side of the city.									



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					Killed	Injured	Property	Crops	

OKLAHOMA, Western, Central and Southeast

Oklahoma County									
(Okc)Will Rogers Apt	13	1240CST			0	0			Hail(0.88)
Oklahoma County									
(Okc)Will Rogers Apt	13	1243CST 1252CST			0	0			Hail(0.75)
Tillman County									
3 S Grandfield	13	1248CST			0	0			Hail(0.75)
Cleveland County									
Norman	13	1305CST			0	0			Hail(0.88)
Hail was observed in the Rock Creek Polo addition between Rock Creek Road and Robinson Street on Northwest 48th Street on the west side of the city.									
Cotton County									
Walters	13	1305CST			0	0			Hail(1.00)
Oklahoma County									
Midwest City	13	1305CST			0	0			Hail(0.75)
Hail was observed at the intersection of Reno Avenue and Midwest Boulevard.									
Cotton County									
Walters	13	1308CST			0	0	60K		Thunderstorm Wind (EG61)
A historic downtown store front was heavily damaged when it caved in due to the strong winds that moved through the town. The store was originally built in 1920.									
Lincoln County									
2 N Jacktown	13	1322CST			0	0			Hail(0.75)
Lincoln County									
3 N Agra	13	1323CST			0	0			Hail(0.75)
McClain County									
Cole	13	1325CST			0	0			Hail(0.75)
Stephens County									
3 S Corum	13	1326CST			0	0			Hail(1.00)
Stephens County									
Corum	13	1328CST			0	0			Thunderstorm Wind (EG56)
Pottawatomie County									
Brooksville	13	1329CST			0	0			Hail(0.75)
Pottawatomie County									
2 S Mc Loud	13	1357CST			0	0			Hail(0.75)
Pottawatomie County									
Shawnee	13	1410CST 1600CST			0	0			Heavy Rain
In Shawnee torrential downpours caused many areas of the city to become flooded. Rainfall of 2.84 inches was reported causing many streets to be closed for a brief time due to high water. In some places water covering the roadways was reported to be several feet deep. Many vehicles stalled and some motorists were stranded due to the heavy rains									
Lincoln County									
Chandler	23	1750CST			0	0			Hail(0.88)
Lincoln County									
3 N Chandler	23	1810CST			0	0			Hail(0.88)
Lincoln County									
Avery	23	2123CST			0	0			Hail(1.00)
Payne County									
Cushing	23	2123CST			0	0			Hail(0.75)
Hail was observed on the east side of town.									



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					Killed	Injured	Property Crops

OKLAHOMA, Western, Central and Southeast

Oklahoma County

Oklahoma City	24	0023CST			0	0	Hail(1.25)
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Hail was reported at the intersection of 164th Street and Hiwasee Road.

Greer County

Mangum	24	1545CST			0	0	Hail(0.75)
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Harmon County

2 S Hollis	24	1545CST			0	0	Hail(0.88)
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Greer County

Mangum	24	1548CST			0	0	Hail(1.00)
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Greer County

Mangum	24	1550CST			0	0	Hail(1.75)
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Hail was reported on the west side of town.

Kiowa County

9 NW Lone Wolf	24	1600CST			0	0	Hail(1.75)
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Washita County

3 E Dill City	24	1600CST			0	0	Hail(1.00)
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Greer County

Granite	24	1601CST			0	0	Hail(2.00)
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Hail was observed at the Oklahoma State Reformatory.

Washita County

3 NW Cordell	24	1605CST			0	0	Hail(1.00)
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Washita County

Cordell	24	1609CST			0	0	Hail(1.00)
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Washita County

Cloud Chief	24	1610CST			0	0	Hail(1.75)
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Washita County

9 E Cordell	24	1620CST			0	0	Hail(0.88)
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Washita County

4 SE Cordell	24	1620CST			0	0	Hail(1.75)
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Harmon County

4 S Mc Queen	24	1625CST			0	0	Hail(1.75)
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Washita County

Cordell	24	1635CST			0	0	Hail(1.75)
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Caddo County

1 S Hydro	24	1640CST			0	0	Hail(0.88)
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Jackson County

4 S Duke	24	1640CST			0	0	Hail(1.00)
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Jackson County

9 W Altus	24	1642CST			0	0	Hail(1.75)
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Jackson County

1 E Duke	24	1642CST			0	0	Hail(1.75)
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Kiowa County

Hobart Arpt	24	1642CST			0	0	Hail(0.88)
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Washita County

9 E Cordell	24	1645CST			0	0	Hail(0.75)
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Jackson County

7 W Altus	24	1647CST			0	0	Hail(1.75)
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OKLAHOMA, Western, Central and Southeast

Kiowa County									
Hobart	24	1655CST			0	0			Hail(1.00)
Jackson County									
1 W Blair	24	1701CST			0	0			Hail(1.00)
Jackson County									
Altus	24	1710CST			0	0			Hail(2.00)
Hail was reported on south side of the city.									
Kiowa County									
Gotebo	24	1713CST			0	0			Hail(1.25)
Jackson County									
Altus	24	1720CST			0	0			Hail(1.75)
Caddo County									
Alfalfa	24	1721CST	0.2	25	0	0	40K		Tornado (F1)
This brief tornado, which was observed by a media helicopter, caused damage to the roof of the Alfalfa Fire Department and a nearby barn on Highway 58.									
Jackson County									
Altus	24	1722CST			0	0			Hail(2.25)
Hail was observed on the south side of the city.									
Blaine County									
14 WSW Geary	24	1723CST			0	0			Hail(2.00)
Jackson County									
Altus	24	1723CST			0	0			Hail(1.75)
Hail was reported on the west side of the city.									
Jackson County									
Altus	24	1725CST			0	0			Hail(2.00)
Caddo County									
2.5 E Eakly	24	1727CST	0.2	30	0	0	50K		Tornado (F1)
A media helicopter observed this brief tornado which heavily damaged a mobile home east of Eakly on Highway 152.									
Caddo County									
1 N Lookeba	24	1730CST			0	0			Hail(0.88)
Tillman County									
Manitou	24	1743CST			0	0			Hail(1.00)
Caddo County									
Binger	24	1758CST			0	0			Hail(1.75)
Caddo County									
5 E Binger	24	1800CST			0	0			Hail(1.75)
Tillman County									
Manitou	24	1802CST			0	0			Hail(4.50)
Caddo County									
3 E Ft Cobb	24	1813CST			0	0			Hail(1.00)
Caddo County									
4.5 NW Anadarko	24	1816CST			0	0			Hail(0.88)
Tillman County									
2 SW Manitou	24	1821CST 1824CST	0.5	30	0	0			Tornado (F0)
This brief tornado was seen by several storm chasers touching down in open country. No damage was reported.									



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OKLAHOMA, Western, Central and Southeast

Tillman County

3 SSW Manitou to 3 S Manitou	24	1827CST 1831CST	0.7	30	0	0	1K		Tornado (F0)
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Several storm chasers observed this narrow tornado damaging some trees before dissipating.

Tillman County

2 W Manitou	24	1829CST 1831CST	0.3	50	0	0	1K		Tornado (F0)
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This brief tornado was observed by storm chasers damaging some trees before dissipating.

Caddo County

2 SSE Anadarko	24	1830CST			0	0			Hail(2.25)
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Hail was reported in Indian City.

Caddo County

3 S Gracemont	24	1830CST			0	0			Hail(1.25)
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Hail was observed on Highway 281.

Tillman County

5 N Frederick	24	1832CST 1833CST	0.2	30	0	0			Tornado (F0)
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Storm chasers observed this brief, narrow tornado touch down in open country. No known damage.

Caddo County

Gracemont	24	1845CST			0	0			Hail(1.00)
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Tillman County

8 E Manitou	24	1845CST			0	0			Hail(1.75)
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Tillman County

8 E Manitou	24	1850CST			0	0			Hail(2.50)
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Tillman County

8 NE Frederick	24	1858CST	0.1	30	0	0			Tornado (F0)
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A very brief, narrow tornado was seen by storm chasers in open country. No damage was reported.

Tillman County

5 E Manitou	24	1858CST			0	0			Hail(1.75)
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Hail was observed at Lake Frederick.

Comanche County

Chattanooga	24	1905CST			0	0			Hail(1.00)
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Comanche County

Chattanooga	24	1910CST			0	0			Hail(1.00)
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Tillman County

11 NNW Grandfield	24	1935CST			0	0			Hail(1.75)
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Beckham County

5 NNW Elk City	24	1940CST			0	0			Hail(1.25)
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Comanche County

Chattanooga	24	1940CST			0	0			Hail(2.75)
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Comanche County

Faxon	24	1945CST			0	0			Hail(1.00)
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Cotton County

5 W Walters	24	2000CST			0	0			Hail(0.88)
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Cotton County

4 NW Walters	24	2000CST			0	0			Hail(1.75)
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OKLAHOMA, Western, Central and Southeast

Cotton County 4 NW Walters	24	2009CST			0	0			Thunderstorm Wind (EG52)
Custer County Stafford	24	2025CST			0	0			Hail(1.00)
Cotton County Walters	24	2028CST			0	0			Hail(1.00)
Custer County Arapaho	24	2050CST			0	0			Hail(1.75)
Custer County Custer City	24	2050CST			0	0			Hail(0.75)
Stephens County Comanche	24	2055CST			0	0			Hail(1.00)
Washita County 6 N Colony	24	2120CST			0	0			Hail(1.00)
Custer County Weatherford	24	2131CST			0	0			Hail(0.88)
OKZ020-026 Payne - Lincoln	24	2255CST 2340CST			0	0	30.5K		High Wind (MG68)

Measured wind gusts of 60, 76, and 79 mph at the Cushing Weather Tower in Payne county were possibly caused by a heatburst. Many tree limbs and several power lines were downed across the town of Cushing. A large tree was also downed barely missing a house but causing some damage to the roof. North of Agra in Lincoln county, a carport fell on the owners car damaging the vehicle. One to two inch tree limbs were also downed in the town of Agra where wind gusts to 65 mph were observed.

Canadian County Mustang	24	2319CST			0	0			Hail(1.00)
Oklahoma County 5 W Edmond	24	2330CST			0	0			Hail(1.00)
Hail was observed near the intersection of Northwest 178th Street and May Avenue									
Oklahoma County 4 N The Vlg	24	2335CST			0	0			Hail(0.88)
Washita County Bessie	26	1545CST			0	0	100K		Thunderstorm Wind (EG69)
A wind gust, possibly from a wet microburst, caused some damage in Bessie. Three empty grain cars of a train were toppled onto their side. There was also some minor roof damage and downed trees. The Bessie Fire Department also sustained some roof damage.									
Blaine County 6 SW Geary	26	1645CST			0	0			Hail(1.25)
Caddo County 5 N Hinton	26	1645CST			0	0			Hail(1.75)
Caddo County 4 N Hinton	26	1646CST			0	0			Hail(1.00)
Garfield County Hunter	26	1737CST			0	0			Hail(1.25)
Grant County 1 S Salt Fork	26	1741CST			0	0			Hail(1.75)
Kay County 8 W Tonkawa	26	1745CST			0	0			Hail(1.25)



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OKLAHOMA, Western, Central and Southeast

Garfield County									
9 E Hunter	26	1755CST			0	0			Hail(1.00)
Noble County									
1 SE Billings	26	1805CST			0	0			Hail(1.00)
Kay County									
4 SSE Blackwell	26	1810CST			0	0			Thunderstorm Wind (MG50)
Wind was measured by the Oklahoma mesonet.									
Grant County									
6 N Lamont	26	1830CST			0	0			Hail(2.00)
Noble County									
5.8 NNE Sumner to Sooner Lake	26	1837CST 1843CST	3	200	0	0	30K		Tornado (F0)
This tornado was observed touching down north-northeast of Sumner before being observed by several boaters and fishermen crossing Sooner Lake into Pawnee County. In Noble county, one barn was destroyed and the garage door was blown in on another. There was also scattered tree and tree limb damage.									
Kay County									
9 W Blackwell	26	1840CST			0	0			Hail(1.00)
Kay County									
Braman	26	1840CST			0	0			Hail(0.75)
Kay County									
Tonkawa	26	1852CST			0	0			Hail(1.75)
Jackson County									
5 SSW Altus	26	1913CST			0	0	7.5K		Thunderstorm Wind (EG56)
Power poles were downed.									
Kay County									
Ponca City	26	1919CST			0	0			Hail(1.75)
Hail was observed on the north side of town.									
Kay County									
Ponca City Arpt	26	1919CST			0	0			Hail(1.75)
Kay County									
1 E Kaw City	26	1935CST			0	0			Hail(1.00)
Hail was reported at Pioneer Cove of Kaw Lake.									
Kiowa County									
2 WNW Mountain Park	26	1938CST			0	0			Hail(1.25)
Roger Mills County									
Cheyenne	29	1503CST			0	0			Hail(1.75)
Roger Mills County									
Cheyenne	29	1507CST			0	0			Hail(1.50)
Roger Mills County									
Cheyenne	29	1507CST			0	0			Hail(1.00)
Roger Mills County									
7 NNE Cheyenne	29	1520CST			0	0			Hail(1.75)
Roger Mills County									
1 E Angora	29	1545CST			0	0			Hail(1.00)
Roger Mills County									
11 E Roll	29	1545CST			0	0			Hail(1.00)
Woods County									
Freedom	29	1546CST			0	0			Hail(1.75)



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OKLAHOMA, Western, Central and Southeast

Dewey County Vici	29	1557CST			0	0			Hail(1.00)
Dewey County 2 S Leedey	29	1612CST			0	0			Thunderstorm Wind (EG61)
Woodward County Mutual	29	1612CST			0	0			Hail(0.75)
Custer County 6 W Arapaho	29	1630CST			0	0			Hail(0.75)
Dewey County 4 S Taloga	29	1639CST			0	0			Hail(1.00)
Custer County 4 SSW Butler	29	1644CST			0	0			Hail(0.88)
Dewey County 8 S Taloga	29	1650CST			0	0			Hail(1.75)
Dewey County 4 N Putnam	29	1653CST			0	0			Hail(2.50)
Dewey County 8 S Taloga	29	1655CST			0	0			Hail(2.75)
Custer County 5 W Custer City	29	1709CST			0	0			Hail(2.00)
Dewey County 1 E Hucmac	29	1715CST			0	0			Hail(0.88)
Custer County 6 NW Custer City	29	1716CST			0	0			Hail(1.75)
Custer County Thomas	29	1723CST			0	0			Hail(2.50)
Custer County Custer City	29	1725CST			0	0			Hail(4.75)
Custer County 5 W Thomas	29	1727CST			0	0			Hail(2.50)
Custer County Thomas	29	1728CST			0	0	50K		Hail(2.50)
Several windshields and back windows of vehicles were damaged. A few roofs to homes were also damaged									
Custer County 4.5 SW Thomas to 6.5 SSE Thomas	29	1729CST 1740CST	6	200	0	0	1K		Tornado (F0)
The tornado began 4.5 miles SW of Thomas, and touched down intermittently as it moved ESE. The tornado was wrapped in rain for much of its existence. It appeared to weaken/dissipate as it crossed Highway 54, 6 to 7 miles S of Thomas, where several power poles were snapped.									
Custer County 3 E Custer City	29	1730CST			0	0			Hail(4.25)
Blaine County 7 SW Watonga	29	1748CST			0	0			Hail(1.00)
Blaine County 10 WNW Geary	29	1751CST			0	0			Hail(1.75)



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OKLAHOMA, Western, Central and Southeast

Blaine County

9 WNW Geary to 2.5 N Geary	29	1817CST 1838CST	9.1	1320	0	0	1.5M		Tornado (F2)
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The second tornado of this storm began 3 miles NE of American Horse Lake, or 9 miles WNW of Geary. This tornado also was obscured by rain for much of its life cycle, but was documented at close range by the Doppler on Wheels (DOW). The center of the tornadic circulation initially moved ESE, approaching American Horse Road around 1824 (all times CST), 6-7 miles WNW of Geary, then turned to the ENE. Damage occurred over a wide swath to the right of the center of circulation, and was the combined result of the tornado and damaging winds from the very strong mesocyclone within which it was embedded. A peak instantaneous wind gust was measured by the DOW at 81 m/s (157 knots, or 181 mph) at a height of 6.5 meters AGL in the mesocyclone circulation just north of Geary at 1836. Four miles NW of Geary, several smaller-scale vortices developed around the initial circulation center - one of which became the dominant circulation and formed about a half a mile south of the original center at 1832. Due to continuity of the parent mesocyclone circulation and the continuous damage path, these circulation centers are considered to be sub-vortices within the same tornado, and not separate tornadoes. The newly-formed circulation center moved slightly south of due east, and crossed US270/281 at 1837 CST, 2 miles NNW of Geary. The tornado crossed into Canadian County at 1838 CST, 11.8 WNW of Calumet.

The tornado caused widespread tree damage with trees downed or uprooted across the area. Several barns were also damaged or destroyed in Blaine county. A house sustained some roof damage and power lines were downed in the area. A stock trailer was found rolled and farm machinery damaged. An old church one mile north of Geary also lost its roof.

Blaine County

Canton	29	1820CST			0	0			Hail(1.00)
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Canadian County

11 WNW Calumet	29	1830CST			0	0			Hail(1.25)
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Canadian County

11.8 WNW Calumet to 9.1 NNW Calumet	29	1838CST 1911CST	9.8	1760	0	0	1M		Tornado (F2)
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The tornado, 2.5 N of Geary in Blaine county, crossed into Canadian County at 1838 CST. Damage remained confined to the right side of the track of the circulation center. The tornado and the parent mesocyclone then turned to the NE, inflicting F1 and low-F2 damage to several rural homes northeast of Geary. Seven miles NE of Geary, the center turned back to the E at 1852, paralleling 220th Street (EW91 Road) for about 2 miles. It then turned to the NE at 1902 and eventually to the N by 1908. The tornado was wrapped in rain during its entire latter stages, and therefore was not visible. Doppler on Wheels (DOW) data indicate that the tornadic circulation crossed into Kingfisher County 11 miles west of Okarche.

One farmstead, approximately 5-6 miles northeast of Geary, received heavy damage with the 100 year old farmhouse sustaining substantial damage and several outbuildings and barns destroyed

Kingfisher County

8 WNW Okarche	29	1845CST			0	0			Hail(0.75)
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Canadian County

11 WNW Calumet	29	1900CST			0	0			Hail(1.25)
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Canadian County

2 N Calumet to 4.5 ENE Calumet	29	1904CST 1914CST	4.5	50	0	0	25K		Tornado (F1)
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This anti-cyclonic tornado formed from a new lowering that first developed WNW of Calumet. Unlike the earlier tornadoes, this one



National Weather Service

Storm Data and Unusual Weather Phenomena



May 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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OKLAHOMA, Western, Central and Southeast

was not wrapped in rain and was documented visually by numerous spotters as well as the Doppler On Wheels (DOW). The tornadic circulation first formed at 1902 about 2 miles NNW of Calumet, based on DOW data, but spotters observed only a funnel cloud until debris was observed at 1904, 2 miles north of Calumet. The tornado tracked generally east near EW95 Road, with occasional jogs to the NE and SE. It ended 4-5 miles NE of Calumet at 1914 CST. This tornado was visible mainly as a debris cloud on the ground; the condensation funnel reached the ground only briefly at 1904 and again at 1910, otherwise it either remained aloft or was non-existent. The tornado had multiple vortices briefly.

Two permanent homes received damage. One home towards the beginning of the tornado sustained minor roof damage with shingles blown off. Another home had an enclosure, that was built over the pool, destroyed. A nearby manufactured home also showed damage to its siding, roof, and windows. Damage was estimated at low end to middle F1.

Kingfisher County 8 WNW Okarche	29	1905CST			0	0			Hail(1.75)
Canadian County 1 S Okarche	29	1910CST			0	0			Hail(2.75)
Kingfisher County 11 W Okarche to 11.2 W Okarche	29	1911CST 1915CST	0.8	100	0	0			Tornado (F0)

Doppler on Wheels (DOW) data indicate that the tornadic circulation, 9.1 NNW of Calumet in Blaine county, crossed into Kingfisher County 11 miles west of Okarche at 1911 CST. The forward speed slowed as the parent mesocyclone occluded. The tornado then turned west, then south, and finally dissipated at 1915 CST, two miles east of the Blaine/Canadian/Kingfisher county junction. No damage was reported with this portion of the tornado.

Canadian County 4 NNE Calumet to 3.5 WNW Concho	29	1914CST 1920CST	2	20	0	0	10K		Tornado (F1)
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This tornado, also anti-cyclonic, formed about 1 mile NW of the previous tornado (4.5 ENE Calumet) shortly after the latter dissipated. It touched down intermittently as it moved ESE, lifting 4 miles NW of Concho at 1920 after forming a very brief, needle-like condensation funnel seen by spotters and caught on video by local media (KWTW Ch. 9). Damage was reported by spotters at a location 3 miles north and 4 miles east of Calumet.

Canadian County Okarche	29	1921CST			0	0	500K		Hail(2.75)
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Hail broke the windshields of the Okarche Police Department cruisers. The large hail also heavily damaged school buildings breaking 61 windows and 26 skylights. The school roof and 4 vehicles were determined to be totaled. Several other homes and vehicles were also damaged.

Canadian County 2 NW Concho	29	1922CST	0.1	20	0	0			Tornado (F0)
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This brief tornado was observed at close range by spotters 2 miles NW of Concho. It likely originated from the same parent circulation that produced the previous two anti-cyclonic tornadoes near Calumet and WNW of Concho, but was likely a separate event. No damage was reported.

Canadian County 6.5 W Piedmont to 5.5 W Piedmont	29	1945CST 1947CST	1	50	0	0	150K		Tornado (F1)
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Most of the damage in and around Piedmont appeared to be the result of strong straight-line winds - both inflow into the storm and strong winds within the mesocyclone. But local media (KOCO Ch. 5) showed video of and storm chasers observed a condensation funnel about 5 to 6 miles W of Piedmont. The tornado damaged a barn and downed several electric poles before crossing Northwest Highway near Banner Road. The tornado damaged several more barns before lifting 5 miles west of Piedmont

Kingfisher County 5 SSW Cashion	29	1946CST			0	0			Hail(2.75)
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National Weather Service

Storm Data and Unusual Weather Phenomena



May 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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OKLAHOMA, Western, Central and Southeast

Oklahoma County

11 W Edmond 29 1955CST 0 0 **Hail(0.75)**

Canadian County

5 NE Piedmont 29 2000CST 0 0 **Hail(0.75)**

Oklahoma County

11 W Edmond 29 2000CST 0 0 **Thunderstorm Wind (EG61)**

Oklahoma County

**10.3 WNW Edmond to
7.1 NW Edmond** 29 2004CST
2010CST 4.6 100 0 0 5M **Tornado (F2)**

Sporadic F1 to low-end F2 damage occurred in the Deer Creek area, from Council Road between 206th and 220th Streets, east-northeast to near Highway 74 (Portland Ave.) and Sorghum Mill Road. As with earlier tornadoes, much of the damage in this area may have been the result of strong straight-line winds, although the concentration and severity of damage in this area suggests a probable tornadic spin up.

In the Deer Creek area, 135 homes sustained minor damage, 7 major damage, and 7 homes were destroyed. Six mobile homes were damaged. Three were reported to have minor damage, while three others sustained major damage. Two businesses were also destroyed. The Deer Creek/Edmond public school received damage along with the First Baptist Church which was heavily damaged.

Logan County

6 S Guthrie 29 2025CST 0 0 **Hail(1.50)**

Logan County

5 S Guthrie 29 2033CST 0 0 **Hail(1.00)**

Grant County

Nash 29 2040CST 0 0 **Hail(1.25)**

Oklahoma County

5 WNW Edmond 29 2053CST 0 0 **Thunderstorm Wind (MG59)**

Wind was measured near the intersection of Northwest 220th Street (also Coffee Creek Road) and May Avenue.

Logan County

5 SSE Meridian 29 2101CST
2103CST 0.3 50 0 0 50K **Tornado (F1)**

This nighttime tornado formed in rural areas 1 mile east of Indian Meridian Road and 2.5 miles north of the Oklahoma-Logan county line, or 5 miles SSE of Meridian, causing a small but concentrated area of tree and power line damage. Several large trees, with trunk diameters of 1 to 2 feet, were uprooted or snapped off near the base. Large tree limbs were snapped off from numerous other trees in the area. The damage was confined to mostly open country. No structural damage was found

Oklahoma County

1 N Luther 29 2113CST 0 0 **Thunderstorm Wind (EG52)**

Logan County

**5 SE Meridian to
6 E Meridian** 29 2117CST
2125CST 4 100 0 0 **Tornado (F0)**

This tornado was described by spotters as having a large funnel and as a possible "wedge" tornado, but no damage was reported (although power flashes were observed). The estimated track, based on spotters and NSSL rotation track maps from the Twin Lakes radar, began 5 miles SE of Meridian and continued NE across rural areas, ending just inside the Logan/Lincoln County line at 2125 CST, 6 miles east of Meridian. The parent mesocyclone occluded shortly thereafter, with a new one forming to the southeast



National Weather Service

Storm Data and Unusual Weather Phenomena



May 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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OKLAHOMA, Western, Central and Southeast

Lincoln County

3.5 WSW Carney to 1 SW Carney	29	2127CST 2132CST	2.5	300	0	0	250K		Tornado (F1)
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Rotation track maps from KTLX suggest that this was the first tornado from a new mesocyclone that formed southeast of the one that produced the two tornadoes near Meridian in Logan county. This tornado began 3.5 miles WSW of Carney and tracked generally east along Hamner Park Road for 2.5 miles, ending about a mile SW of Carney. The tornado was described by spotters as being quite large. Eyewitness accounts and damage patterns indicate that it was likely a multiple-vortex tornado, but straight-line winds likely contributed to the damage.

Numerous large trees were snapped at the trunk or lost large branches. Several outbuildings and trailers were heavily damaged or destroyed. A 20 foot livestock trailer was rolled about 150 yards to the northeast. Impact marks indicate that the trailer bounced over two barbed-wire fences without damaging the fences. A riding lawn mower also was carried east about 50 yards over two chain-link fences with no significant damage to the fences. There were several permanent homes in the damage path, but all received minimal damage that was limited mostly to shingles, window frames, and impalement from wind-driven debris. Maximum path width was about 300 yards along Hamner Park Road about 2.5 miles west-southwest of Carney. Damage in this area was rated high-end F1.

Payne County

Cushing	29	2210CST			0	0			Hail(0.88)
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On this day one supercell thunderstorm produced all the tornadoes in the state of Oklahoma and a majority of the extremely large hail. This storm began in extreme west central Oklahoma, moved through center sections of the state, and ended in extreme eastern Oklahoma. The storm affected portions of both the Oklahoma City and Tulsa metropolitan areas.

TEXAS, Western North

Knox County

Benjamin	12	1717CST			0	0			Hail(1.00)
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Wilbarger County

7 SW Lockett	12	1732CST			0	0			Hail(1.00)
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Hardeman County

Chillicothe	12	1757CST			0	0			Hail(0.88)
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Hardeman County

Chillicothe	12	1800CST			0	0			Hail(1.00)
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Hardeman County

Chillicothe	12	1810CST			0	0			Hail(0.75)
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Hail was observed on south side of town.

Wilbarger County

Odell	12	1847CST			0	0			Hail(0.88)
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Hail was observed on south side of town.

Wilbarger County

Odell	12	1857CST			0	0			Hail(1.00)
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Wilbarger County

3 W Lockett	13	1050CST			0	0			Hail(0.88)
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Knox County

Knox City	13	1110CST			0	0			Hail(0.75)
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National Weather Service

Storm Data and Unusual Weather Phenomena



May 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>									
Knox County									
Knox City	13	1137CST			0	0			Hail(0.75)
Wilbarger County									
3 E Harrold	13	1147CST			0	0			Hail(0.88)
Wichita County									
Electra	13	1148CST			0	0			Hail(0.88)
Baylor County									
8 N Mabelle	13	1200CST			0	0			Hail(1.00)
Wichita County									
Electra	13	1200CST			0	0			Hail(1.00)
Wilbarger County									
3 E Harrold	13	1210CST			0	0			Hail(0.88)
Wichita County									
Electra	13	1215CST			0	0			Hail(1.25)
Wilbarger County									
13.5 SSE Harrold	13	1221CST			0	0			Hail(1.25)
			Hail was observed five miles west of Highway 25 on Farm to Market 2326.						
Baylor County									
1 N Seymour	13	1225CST			0	0			Hail(0.75)
Wichita County									
Burkburnett	13	1249CST			0	0			Hail(0.75)
Wichita County									
3 W Wichita Falls	13	1251CST			0	0			Hail(1.00)
Wichita County									
Burkburnett	13	1252CST			0	0			Hail(1.00)
Archer County									
7 NNW Dundee	13	1255CST			0	0			Hail(0.75)
Wichita County									
Burkburnett	13	1256CST			0	0			Hail(1.75)
Wichita County									
4 E Iowa Park	13	1311CST			0	0			Hail(0.75)
			Hail was observed at the intersection of Highway 287 and Highway 369.						
Wichita County									
Sheppard Afb	13	1316CST			0	0			Hail(1.00)
Wichita County									
Sheppard Afb	13	1319CST			0	0			Hail(0.88)
Wichita County									
Sheppard Afb	13	1322CST			0	0			Hail(1.50)
Clay County									
Petrolia	13	1335CST			0	0			Hail(0.75)
Wichita County									
Wichita Falls	13	1339CST			0	0			Hail(0.88)
			Hail was observed on the southwest side of the city.						
Clay County									
7 N Henrietta	13	1407CST			0	0			Hail(0.88)