



May 2002 Time Local/ Standard Path Length (Miles) Path Width (Yards) Number of Persons Killed Injured Estimated Damage Property Crops

OKLAHOMA, Western	n, Cent	tral and Southeast	ţ					
OKZ018>020-024>032- 040>043-047>048-051>052		es - Garvin - Murray						Cleveland - Pottawatomie - Seminole -
		0200CST 0800CST of fog, some locally	dense with	visibilities b			a mile, developia	ng during the early morning of the 4th.
Ellis County								
15.5 SW Arnett to 15 SW Arnett		1858CST 1900CST ornado formed on the					0 line and tracke	<b>Tornado (F0)</b> d 1 mile before dissipating. The tornado was
	seen t	by several storm chase	ers, noweve	i, no damag	e occurred.			
Ellis County 9 S Arnett	05	1900CST			0	0		Hail(1.00)
Ellis County 8 S Harmon	05	1930CST			0	0		Hail(0.75)
Dewey County 5 W Vici	05	1950CST			0	0		Hail(1.00)
Dewey County 4 S Vici	05	2000CST			0	0		Hail(1.00)
Dewey County Vici	05	2004CST			0	0		Hail(0.75)
Dewey County 4 NW Camargo	05 Wind	2005CST was measured by the	Oklahoma	mesonet.	0	0		Thunderstorm Wind $(G52)^M$
Dewey County Seiling	05	2039CST			0	0		Hail(0.75)
Dewey County 5.5 ESE Seiling to 4 E Seiling	05	2110CST 2114CST	1	75	0	0	40K	Tornado (F1)
4 E Seming	One-h	ornado formed appro	ted, anchor	ed mobile ho	ome was rip	pped off w	ith contents of t	orthwestward for 1 mile before dissipating. he home strewn in the yard. The other half of also uprooted
Greer County Granite	05	2123CST			0	0		Hail(1.00)
Harmon County Hollis	05 Power	2125CST r lines were downed.			0	0	0.50K	Thunderstorm Wind
Harmon County 3 E Madge	05	2148CST			0	0		Hail(0.75)
Kiowa County 5 NW Hobart	05	2157CST			0	0		Hail(0.75)
Greer County Mangum	05	2214CST			0	0		Hail(1.00)
Beckham County Retrop	05	2245CST			0	0		Hail(1.00)
Washita County Dill City	05	2309CST			0	0		Hail(0 88)





Time Path Path Number of Estimated Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm

#### OKLAHOMA, Western, Central and Southeast

OKLAHOMA, Wester	n, cent	rai and Southeast				
Washita County						
3 E Cowden	<b>05</b> Irrigat	2317CST ion equipment was blown over, and power	0 poles were b	0 ent on Hi	<b>2K</b> ghway 152	Thunderstorm Wind
Caddo County						
Binger	06	0000CST	0	0		Hail(0.88)
Oklahoma County 9 SW Oklahoma City	06	0005CST	0	0		Thunderstorm Wind $(G55)^M$
Canadian County 5 WNW El Reno	06 Wind	<b>0010CST</b> was measured by the Oklahoma mesonet.	0	0		Thunderstorm Wind $(G50)^{M}$
Canadian County						
2 SE Okarche	<b>06</b> Large	0030CST tree limbs were downed.	0	0	0.01K	Thunderstorm Wind
Lincoln County Wellston	06	0055CST	0	0		Thunderstorm Wind (G52)
Lincoln County						
Wellston	<b>06</b> An eig	0105CST tht inch diameter tree limb was downed.	0	0	0.01K	Thunderstorm Wind
Lincoln County						
Wellston	<b>06</b> An eig	0120CST the foot long tree limb was blocking a road.	0	0	0.01K	Thunderstorm Wind
Kay County Kildare	07	1415CST	0	0		Hail(0.88)
Alfalfa County			-			(0.0.0)
8 NE Amorita	07	1540CST	0	0		Hail(0.75)
Grant County Manchester	07	1545CST	0	0		Hail(1.25)
OKZ045>046-050>052		son - Carter - Love - Marshall - Bryan	v	v		11411(1.23)
ORZ0432040-0302032	07 08	2300CST 0200CST	0	0	0	High Wind
		0200CST nunderstorm winds, with speeds between 40	and 60 mph	affected	portions of southern C	Wahoma for several hours. The winds
		hought to be associated with a heat burst. T				
Alfalfa County						
1 N Amorita	08	1430CST	0	0		Hail(1.00)
Alfalfa County						
Burlington	08	1430CST	0	0		Hail(0.88)
Alfalfa County						
1.5 W Burlington	08	1440CST	0	0		Hail(0.75)
Alfalfa County 5 NW Amorita	08	1457CST	0	0	0.50K	Thunderstorm Wind
5 IVW Amorita		of a barn roof was blown off.	V	U	0.501	Thunderstorm wind
Alfalfa County			_			
3 E Amorita	08	1535CST	0	0		Hail(1.00)
Alfalfa County 1 E Byron	08	1625CST	0	0		Hail(0.88)
Woods County	vo	192001	U	U		11411(V-00)
10 SE Alva	08	1715CST	0	0		Hail(0.88)





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed	er of ons Injured	Estimated Damage Property Crops	May 2002
OKLAHOMA, West								
Alfalfa County Byron	08	1717CST			0	0		Hail(1.00)
Alfalfa County 4 S Cherokee	08	1811CST			0	0		Hail(0.88)
Alfalfa County 4 S Cherokee	08	1818CST			0	0		Hail(1.75)
Grant County Manchester	08	1820CST			0	0		Hail(0.75)
Alfalfa County 5 NE Jet	08	1834CST			0	0		Hail(1.00)
Grant County Medford	08	1913CST			0	0		Hail(0.75)
Grant County 4 WSW Medford	08	1913CST			0	0		Hail(1.00)
Alfalfa County 1 S Jet	08	1920CST			0	0		Hail(0.75)
Grant County Pond Creek	08	1921CST			0	0		Hail(1.00)
Garfield County Hillsdale	08	1946CST			0	0		Hail(0.75)
Garfield County Hillsdale	08	1948CST			0	0		Hail(0.88)
Grant County 6 S Lamont to 5 E Lamont	08	1949CST 1957CST	6	75	0	0	0	Tornado (F0)
	A stor	m chaser capture	d this tornado	on video as i	it tracked no	rtheastward	d for 6 miles. No dan	nage was observed or reported.
Kay County .5 S Blackwell	08	2008CST			0	0		Hail(1.25)
Kay County 5 E Blackwell	08	2010CST			0	0		Hail(1.75)
Garfield County 10 E Enid	08	2017CST			0	0		Thunderstorm Wind (G61)
Noble County 8 S Billings	08	2017CST			0	0		Thunderstorm Wind (G75) <sup>M</sup>
Noble County Billings	08	2030CST			0	0		Hail(0.75)
Garfield County Enid	08	2040CST			0	0		Hail(0.88)
Garfield County 3 W Breckinridge	08	2048CST			0	0		Hail(1.00)
Kay County Ponca City	08	2050CST			0	0		Hail(0.88)
Garfield County Waukomis	08	2058CST			0	0		Hail(0.75)
Garfield County 7 S Covington	08	2150CST			0	0		Hail(1.00)





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed	per of sons Injured	Estimat Dama Property	ed ge Crops	May 2	2002
OKLAHOMA, Wester	n, Cent	ral and South	<u>neast</u>							
Noble County 7 NE Red Rock	08 A tree	2155CST was downed.			0	0	0.50K		Thunderstorm Wind	
Kingfisher County Okarche	08	2220CST			0	0			Thunderstorm Wind (G54)	М
Kingfisher County Kingfisher	08	2250CST			0	0			Hail(1.00)	
Kingfisher County Cashion	08	2310CST			0	0			Hail(0.75)	
Logan County 5 SW Cedar Valley	08	2310CST			0	0			Hail(0.75)	
Oklahoma County 9 SW Oklahoma City	08	2317CST			0	0			Thunderstorm Wind (G61)	M
Grady County 2 SSW Minco	08 Wind	2330CST was measured by	y the Oklahoma	a mesonet.	0	0			Thunderstorm Wind (G54)	М
Oklahoma County Edmond	08	2330CST			0	0			Hail(0.88)	
Oklahoma County Edmond	08	2330CST			0	0			Thunderstorm Wind (G56)	
Lincoln County 4 S Chandler	08	2359CST			0	0			Hail(1.00)	
Pottawatomie County 9 W Shawnee	<b>09</b> Large	0020CST tree limbs were	downed.		0	0	0.01K		Thunderstorm Wind	
Seminole County Cromwell	09	0030CST			0	0	3K		Thunderstorm Wind	
	Large	trees were uproc		C	damaged.				Thunderstorm while	
OKZ024-027-036>039- 044>045		lian - Grady - J	ackson - Tillm	an - Coman	•		ton - Jefferso	n	W	
	08 09 Wind	2250CST 0330CST was measured by	y the Oklahoma	a mesonet.	0	0			High Wind (G56) <sup>M</sup>	
		winds between 3 ront moved throu	_	, with gusts	between 50	and 60 m	ph, affected p	ortions of o	central and southwest Oklahom	ıa as a
Garvin County 4 W Pauls Valley	12	1610CST			0	0			Hail(0.88)	
Garvin County 2 W Pauls Valley	12	1617CST			0	0			Hail(0.75)	
Pottawatomie County 4 E Macomb	12	1648CST			0	0			Hail(1.00)	
Seminole County 4 S Sasakwa	12	1705CST			0	0			Hail(1.25)	
Carter County Springer	12	1714CST			0	0			Hail(0.75)	
Hughes County 8 SE Holdenville	12	1732CST			0	0			Hail(0.75)	
Johnston County 5 S Mill Creek	12	1850CST			0	0			Hail(0.75)	



**Canadian County** 

Okarche

2305CST

16

#### National Weather Service Storm Data and Unusual Weather Phenomena



May 2002 Time Local Path Length Path Number of Estimated Width Persons Damage OKLAHOMA, Western, Central and Southeast OKZ038 Comanche 1345CST High Wind (G52)<sup>M</sup> 15 0 0 A wind gust of 52 knots was measured by the Oklahoma mesonet, and was associated with a light rain shower, and not a thunderstorm. **Roger Mills County** 1900CST Hail(0.88) Reydon 16 Roger Mills County **North Portion** 16 2150CST 2300CST 250K Thunderstorm Wind Sporadic areas of significant straight-line wind damage accompanied a line of severe thunderstorms that moved through northern Roger Mills County between 2150-2300 CST. Approximately six miles northwest of Reydon, a barn was destroyed, and a house sustained broken windows. Three miles west of Durham, three barns were destroyed; shingles were blown off a house; the trunk of an 18-inch diameter tree was blown through the rear of a pickup truck, and a television antenna was blown over. Four miles northeast of Reydon, a well-anchored, double-wide mobile home was destroyed. Wind damage was also reported in Durham and Strong City. **Kingfisher County** 8 S Loyal 16 2200CST 0 Hail(1.00) **Kingfisher County** 9 W Okarche 16 2230CST Hail(1.75) **Logan County** 2 N Crescent 2230CST 0 Hail(1.00) 16 **Kingfisher County** 3 W Kingfisher 16 2231CST 0 0 Hail(0.88) **Custer County** Thunderstorm Wind  $(G78)^M$ 0.01KCountywide 16 0 Sporadic areas of severe winds accompanied a line of thunderstorms that moved through all but extreme southern Custer County between 2240-2350 CST, A 78 knot wind gust (90 mph) was measured in Thomas at 2330 CST, and 51 knots (59 mph) was measured four miles west southwest of Weatherford at 2350 CST. Four inch diameter tree limbs were also downed six miles east of Moorewood **Dewey County South Portion** 16 Thunderstorm Wind Sporadic areas of significant straight-line wind damage accompanied a line of severe thunderstorms that moved through southern Dewey County between 2240-2325 CST. Power poles were downed one mile south of Rhea Roger Mills County 4 E Angora 16 2245CST Hail(0.75) **Kingfisher County** 2251CST Hail(0.75) Okarche 16 **Beckham County** 4 N Texola 16 0.5 100 0 Tornado (F0) Two storm chasers observed this tornado as it formed just east of the Texas/Oklahoma state line, north of Texola. No damage was observed or reported.

0

0

Hail(1.50)





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number Person Killed		Estimated Damage Property Crops	May 2002 Character of Storm
OKLAHOMA, West	tern, Cen	tral and South	east					
Dewey County Putnam	16	2315CST			0	0		Hail(1.00)
Beckham County 4 N Erick	16	2330CST			0	0		Hail(1.75)
Major County Fairview	16	2330CST			0	0		Hail(0.75)
Canadian County 3 N Piedmont	16	2345CST			0	0		Hail(0.75)
Blaine County 9 W Watonga	17	0015CST			0	0		Hail(1.75)
Canadian County Calumet	17	0015CST			0	0		Hail(0.75)
Kingfisher County 3 S Kingfisher	17	0015CST			0	0		Hail(1.75)
Caddo County 2 SE Cogar	17	0020CST			0	0		Hail(0.75)
Oklahoma County 2 NW The Vlg	17	0027CST			0	0		Hail(0.75)
Canadian County 2 E Niles	17	0030CST			0	0		Hail(0.75)
Grady County 8 W Minco	<b>17</b> Two i	0030CST inch diameter tree	limbs were de	owned.	0	0	0.01K	Thunderstorm Wind
Logan County 8 SSW Guthrie	17	0030CST			0	0		Hail(0.75)
Logan County 8 SSW Guthrie	<b>17</b> Wind	0030CST was measured by	the Oklahom	a mesonet.	0	0		Thunderstorm Wind (G61) <sup>M</sup>
Canadian County Yukon	17	0055CST			0	0		Thunderstorm Wind (G69)
Grady County Chickasha	17	0058CST			0	0		Thunderstorm Wind (G66)
Logan County Langston	<b>17</b> Flash	0100CST 0115CST flooding was repo	orted on High	way 33.	0	0	0	Flash Flood
Oklahoma County Edmond	<b>17</b> Hail v	0103CST was reported at the	e intersection	of Danforth a	0 and Sante Fe.	0		Hail(1.75)
Logan County 11 S Guthrie	<b>17</b> Hail v	0105CST was reported near	Waterloo Roa	ıd.	0	0		Hail(1.75)
Cleveland County Moore	<b>17</b> Hail v	0107CST was reported near	the intersection	on of SW 13t	<b>0</b> h and Sante Fo	<b>0</b>		Hail(0.88)
Beckham County 3 E Elk City	17	0130CST			0	0		Hail(0.75)



6 SE Bray

17

0230CST

#### National Weather Service Storm Data and Unusual Weather Phenomena



Hail(1.00)

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed		Estin Dar Property	nated nage Crops	May 2002 Character of Storm
OKLAHOMA, West	ern, Cent	tral and South	east						
Garvin County 4 S Lindsay	17	0145CST			0	0			Hail(0.75)
Garvin County 4 S Lindsay	<b>17</b> A tele	0145CST evision antenna an	d 8 inch diam	eter tree limb	0 s were dow	0 ned.	2K		Thunderstorm Wind
Lincoln County 3 W Carney	17	0145CST			0	0			Thunderstorm Wind (G61)
Mcclain County Purcell	17	0145CST			0	0			Hail(0.88)
Oklahoma County Oklahoma City	<b>17</b> Lighti	0220CST ning struck the ch	imney of a hou	use on NW 8	<b>0</b> 5th and blev	<b>0</b> w two hole	<b>5K</b> es in the liv	ing room v	<b>Lightning</b> vall.
<b>Stephens County</b>									

Severe thunderstorms developed across the Texas panhandle during the evening of the 16th and moved into western Oklahoma, eventually dissipating over central Oklahoma during the early morning of the 17th. One area of severe thunderstorms produced sporadic areas of significant straight-line wind damage across portions of Roger Mills, Dewey, and Custer Counties, while another thunderstorm was responsible for a short-lived tornado in western Beckham County. There were also several reports of golf ball size hail (1.75 inches in diameter).

To	ackson County					
	5 N Altus	23	1033CST	0	0	Hail(1.00)
	uster County 1 N Moorewood	23	2030CST	0	0	Hail(1.00)
	uster County 6 NE Moorewood	23	2110CST	0	0	Hail(1.00)
	llis County 7 S Arnett	23	2133CST	0	0	Hail(1.75)
	ewey County 1 NW Hucmac	23	2319CST	0	0	Hail(1.00)
	llis County 2 SW Goodwin	24	0030CST	0	0	Hail(1.00)
	oodward County Mooreland	24	0209CST	0	0	Hail(0,75)
	oodward County	24	0210CST	0	0	Hail(1.50)
	ay County 3 N Braman	24	1245CST	0	0	Hail(0,88)
Н	armon County 8 NW Hollis	24	1510CST	0	0	Hail(0.88)
Н	armon County Hollis	24	1533CST	0	0	Hail(1.00)
G	reer County					, ,
	11 W Willow armon County	24	1550CST	0	0	Hail(0.88)
	9 E Hollis	24	1601CST	0	0	Hail(0.75)





<u>Location</u>	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numbe Perse Killed	er of ons Injured	Estimated Damage Property Crops	May 2002 Character of Storm
OKLAHOMA, Wester	n, Centı	ral and Southe	ast					
Beckham County Sayre	24	1606CST			0	0		Hail(0.75)
Beckham County 4 W Elk City	24	1621CST			0	0		Hail(1.00)
Custer County 3 N Mc Clure Station	24	1630CST			0	0		Hail(0.75)
Harmon County Gould	24	1630CST			0	0		Hail(1.00)
Roger Mills County 3 S Hammon	24	1630CST			0	0		Hail(1.00)
Washita County 4 SW Canute	24	1632CST			0	0		Hail(0.88)
Greer County 3 W Reed	24	1633CST			0	0		Hail(0.75)
Jackson County 1 E Duke	24	1659CST			0	0		Hail(0.88)
Greer County 10 SW Mangum	24	1702CST			0	0		Hail(1.25)
Washita County Burns Flat	24	1703CST			0	0		Thunderstorm Wind $(G54)^M$
Washita County 3 S Foss	24	1703CST			0	0		Thunderstorm Wind $(G54)^M$
Washita County 3 S Foss	24	1707CST			0	0		Hail(0.75)
Dewey County Seiling	24	1717CST			0	0		Hail(1.00)
Washita County Burns Flat	24	1722CST			0	0		Hail(0.88)
Washita County 3 SE Burns Flat	24	1727CST 1729CST	0.2	25	0	0	0	Tornado (F0)
	Storm	chasers reported a	a brief tornado	wrapped in	rain. No dai	mage was	observed or reported.	
Jackson County Martha	24	1740CST			0	0		Hail(0.88)
Woods County 7 E Alva	24	1750CST			0	0		Hail(1.00)
Kay County 5 E Braman	24	1755CST			0	0		Hail(0.75)
Jackson County 7 W Eldorado	24	1805CST			0	0		Hail(0.88)
Alfalfa County Cherokee	24	1819CST			0	0		Hail(1.00)
Kay County 3 N Newkirk	<b>24</b> Highwa	<b>2020CST</b> ay 77 was closed	due to high w	ater.	0	0	0	Flash Flood
OKZ020	Payne 24	2046CST			0	0		High Wind (G57) <sup>M</sup>





May 2002 Time Local/ Standard Path Length (Miles) Number of Persons Killed Injured Estimated
Damage
erty Crops Path Width (Yards)

OKLAHOMA	Western	Central	and So	ntheact

OKLAHOMA, Wester	n, Cent	ral and Southeast				
	Local thunde	law enforcement measured 65 mph winds that er.	t were asso	ciated with	the passage of a stre	ong cold front and rain showers, but no
Jackson County Olustee	24	2229CST	0	0		Hail(1.00)
Stephens County Duncan	<b>26</b> Hail w	0145CST vas reported on the south side of Duncan.	0	0		Hail(0.75)
Stephens County Duncan	<b>26</b> Hail w	0148CST vas reported on the south side of Duncan.	0	0		Hail(0.75)
Caddo County 2 W Cyril	26	0255CST	0	0		Hail(0.88)
Murray County 2 S Joy	26	0330CST	0	0		Hail(1.00)
Garvin County Pauls Valley	26	0353CST	0	0		Hail(1.50)
Garvin County 5 E Wynnewood	26	0405CST	0	0		Hail(0.75)
Coal County Coalgate	26	0407CST	0	0		Hail(1.50)
Harper County 7 W Buffalo	26	1935CST	0	0		Thunderstorm Wind (G52)
Noble County 10 ESE Perry	27	0620CST	0	0		Hail(0.75)
Woodward County Mooreland	27	1715CST	0	0		Hail(0.75)
Roger Mills County 1 W Cheyenne	27 Lightn home.	2000CST ing struck a tree, then traveled along a metal	0 fence, into	0 a water lin	<b>4K</b> he, and damaged number 1	Lightning merous appliances and a computer in a

#### TEXAS, Western North

Archer - Clay

TXZ089>090

1 AZ007/070	Arthe	i - Ciay				
	07	2120CST 2300CST	0	0	62K	High Wind (G61)
	minor		vere downed.			ercent of the homes in Archer City received os lasting as long as two hours, were likely
TXZ083>090	Harde	man - Foard - Wilbarger - Wichita - Kn	ox - Baylor -	Archer -	Clay	
	09	0115CST 0330CST	0	0	0	High Wind
	North	winds of 35 to 45 mph, with gusts between	n 50 and 60 m	ph, develo	oped behind a c	old front that moved through the area.
Hardeman County						
Quanah	24	1628CST	0	0		Hail(0.88)
Knox County						
Truscott	24	1702CST	0	0		Hail(1.00)





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number Person Killed		Estimated Damage Property Crops	May 2002 Character of Storm
TEXAS, Western North	<u>h</u>							
Knox County 6 N Benjamin	24	1710CST			0	0		Hail(2.75)
Foard County Thalia	24	1715CST			0	0		Hail(0.75)
Knox County Gilliland	24	1725CST			0	0		Hail(1.00)
Knox County Gilliland	24	1745CST			0	0		Hail(1.00)
Hardeman County Quanah	24	1810CST			0	0		Hail(1.00)
Hardeman County 4 N Quanah	24	1820CST			0	0		Hail(1.00)
Hardeman County 4 N Quanah	24	1823CST			0	0		Hail(2.00)
Hardeman County 4 W Chillicothe	24	1830CST			0	0		Hail(0.75)
Hardeman County 4 W Chillicothe	24	1830CST			0	0		Thunderstorm Wind (G52)
Hardeman County 3 E Medicine Mound	24 Storm	1850CST 1852CST chasers reported a b	<b>0.2</b> prief tornado	25	0 e was observe	<b>0</b> ed or rep	0 oorted.	Tornado (F0)
Wilbarger County		•				-		H-i/0.75\
3 SW Lockett  Hardeman County  Goodlett	24	1922CST 2139CST			0	0		Hail(0.75) Hail(1.75)
Hardeman County 5 N Quanah	24	2155CST			0	0		Hail(1.75)