

7 S Maysville

08

1750CST

# National Weather Service Storm Data and Unusual Weather Phenomena



Location

Time Local/ Length Width Persons Damage
Location

Path Length Width Persons Damage
(Miles) (Yards)

Number of Persons Damage
Cyards)

Rilled Injured Property Crops Character of Storm

Location	Date	Standard	(Milles)	(Tarus)	Killed	Injured Pro	openy Crops	Character of Sic
OKLAHOMA, Wes	tern, Cen	tral and Southe	<u>ast</u>					
<b>Cotton County</b>								
10 W Walters	08	1505CST			0	0		Hail(0.75)
Comanche County 1.5 SW Lawton	08 Hail s	1514CST was observed near t	the intersection	n of SW 112	0 2th Street ar	0 ud Combs Road	d	Hail(0.75)
Comanche County	Tan	was observed near	are intersection	11015 112	an Street an	id Combs Roa	u.	
3 W Fletcher	08	1520CST			0	0		Hail(0.75)
<b>Comanche County</b>								
Lawton	<b>08</b> Hail v	1520CST was reported at the	intersection of	f 38th Street	and Gore.	0		Hail(0.75)
<b>Comanche County</b>								
5 W Elgin	08	1528CST was reported at the	intersection of	f Uichway 6	0	0		Hail(0.75)
	Hall	was reported at the	intersection of	і підпиау о	2 and riigh	way 211.		
Caddo County 2 W Cyril	08	1532CST			0	0		Hail(1.00)
Comanche County								,
3 W Fletcher	08	1534CST			0	0		Hail(0.75)
Comanche County		4 F 44 CCM						TT 11/4 00\
3 W Fletcher	08	1541CST			0	0		Hail(1.00)
Comanche County Elgin	08	1551CST			0	0		Hail(1.00)
Comanche County								, ,
Lake Ellsworth	08	1551CST			0	0		Hail(1.00)
Comanche County		4 <b></b> 0 CCT						TT 11/0 00\
5 W Fletcher	08	1559CST			0	0		Hail(0.88)
Comanche County 5 W Fletcher	08	1601CST			0	0		Hail(1.00)
Caddo County								, ,
2 W Cyril	08	1632CST			0	0		Hail(1.00)
Comanche County	00	1.00.CGGT						TT 11/1 00\
3 SE Sterling	08	1636CST			0	0		Hail(1.00)
Caddo County 2 W Cyril	08	1639CST			0	0		Hail(1.75)
Caddo County								,
Cyril	08	1641CST 1644CST			0	0		Hail(1.00)
Caddo County		1044651						
Cement	08	1654CST			0	0		Hail(1.00)
	Hail	was reported by KV	VTV Ch. 9 in	Oklahoma C	City, OK.			
Mcclain County	00	1720CCT			0	0		11-21(0.75)
Purcell Cleveland County	08	1730CST			0	0		Hail(0.75)
4 E Lexington	08	1745CST			0	0		Hail(0.75)
Cleveland County								
12 E Noble	08	1750CST			0	0		Hail(0.88)
Garvin County	00	4==0.00m						TT 11/0 ==`

0

0

Hail(0.75)





		Time Local/	Path Length	Path Width	Number Perse	er of	Estimated Damage		May 2005
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
OKLAHOMA, West	ern, Cent	tral and South	<u>east</u>						
Garvin County 1 SW Pauls Valley	<b>08</b> Hail v	1800CST vas observed alon	ng Highway 19.		0	0		Hail(0.88)	
Garvin County Whitebead	08	1802CST			0	0		Hail(0.75)	
Stephens County Duncan	08	1816CST			0	0		Hail(0.88)	
Stephens County	00	1922 CCT			0	0		11-9/1 00)	
2 S Duncan Stephens County 5 N Duncan	08	1823CST 1829CST			0	0		Hail(1.00)	
Garvin County 2 S Elmore City	08	1843CST			0	0		Hail(0.75)	
Grant County Manchester	08	2140CST			0	0		Hail(0.75)	
Grant County 5 S Wakita	<b>08</b> Hail v	2229CST was reported near	the intersection	of Highwa	<b>0</b> y 11 and Hig	<b>0</b> ghway 11 <i>A</i>	Λ.	Hail(1.75)	
Grant County Medford	08	2245CST			0	0		Hail(0.75)	
Harper County Laverne	12 Severa	1220CST al car windows w	ere broken.		0	0	2.5K	Hail(2.00)	
Ellis County 1 E Catesby	12	1240CST			0	0		Hail(0.75)	
Harper County Buffalo	12	1255CST			0	0		Hail(0.75)	
Alfalfa County 5 N Cherokee	12	1645CST			0	0		Hail(0.75)	
Alfalfa County 10 ENE Amorita	12	1704CST			0	0		Hail(0.75)	
Alfalfa County 9 ENE Amorita	12	1705CST			0	0		Hail(1.00)	
Harmon County 4 W Hollis	<b>12</b> Hail v	2120CST was reported on H	ighway 62 near	r the Oklaho	<b>0</b> oma-Texas st	0 rate line.		Hail(0.88)	
Harmon County Hollis	12	2136CST			0	0		Hail(0.75)	
Harmon County Hollis	12	2140CST			0	0		Hail(0.88)	
Harmon County 5 N Gould	12	2200CST			0	0		Hail(1.00)	
Greer County 12 SW Mangum	12	2201CST			0	0		Hail(1.00)	
Beckham County 9 S Elk City to 10 S Elk City	12	2230CST			0	0	25K	Thunderstorm W	ind (EG65)
	Strong	thunderstorm w	ind gusts blew	over a doub	de-wide trail	er located	on the northeast cor	ner of the intersection	of Highway 15

Strong thunderstorm wind gusts blew over a double-wide trailer located on the northeast corner of the intersection of Highway 152 and Highway 6, south of Elk City. Stop signs were also blown over about a mile south of this intersection.



9 SW Mangum

1729CST

13

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



May 2005 Time Local Path Length Path Width Number of Estimated Persons Damage OKLAHOMA, Western, Central and Southeast **Washita County** 2 W Burns Flat 12 2245CST 0 Thunderstorm Wind (MG53) Wind gust was measured by the Clinton (CSM) ASOS. **Custer County** Arapaho 12 2310CST 0 0 Hail(2.00) Hail was observed on the west side of town. **Custer County** 6 SE Custer City 12 2310CST 0 0 Thunderstorm Wind (EG61) **Custer County** Arapaho 2315CST 1K Thunderstorm Wind (EG61) Shingles were blown off the roof of a home, along with 14 inch diameter tree limbs downed. **Jackson County** 3 E Blair 12 2319CST 0 Hail(1.00) Caddo County 12 2325CST Thunderstorm Wind (EG52) Alfalfa 0 **Oklahoma County Edmond** 13 0735CST Hail(1.00) Hail was observed at the intersection of Santa Fe Avenue and Danforth Road **Oklahoma County** 5 WSW Edmond Hail(0.88) 13 Hail was reported at the intersection of 154th Street and Pennsylvania Avenue. **Garfield County** Enid 13 0800CST 0 Hail(0.75) Hail was observed on the west side of town. **Beckham County** 13 SSW Erick 13 1535CST 0 Hail(0.88) **Harmon County** 7 SE Hollis 13 1600CST 0 0 Hail(0.75) **Greer County** 12 WNW Willow 1605CST Hail(1.00) Hail was reported at the Sandy Sanders Wildlife Reserve near the Greer-Beckham County line. **Garfield County** Drummond 13 1620CST 0 Hail(1.00) **Harmon County** Hollis 13 1645CST 0 0 Hail(1.50) **Garfield County** Vance Afb 13 1650CST 0 Hail(1.00) Hail was reported at the housing area of Vance Air Force Base. **Garfield County** Vance Afb 13 1656CST 0 Hail(0.75) **Garfield County** Waukomis 13 1708CST 1710CST 0 0 Hail(0.88) **Greer County** Mangum 13 1721CST 0 0 Hail(0.75) **Greer County** 1.5 SW Mangum 13 1722CST 0 0 Hail(0.75) **Greer County** 

0

0

Hail(1.00)





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed	er of ons Injured	Estimated Damage Property Crops	Character of Storm	May 2005
OKLAHOMA, West	ern, Cen	tral and South	<u>east</u>						
Greer County 11 SW Mangum to 5 NW Mangum	13	1735CST			0	0		Hail(0.75)	
Greer County Mangum	13	1736CST			0	0		Hail(2.00)	
Greer County Mangum	<b>13</b> Hail v	1744CST vas observed on I	Highway 34 or	n the south sid	0 le of town.	0		Hail(1.75)	
Jackson County 1 W Martha	13	1753CST			0	0		Thunderstorm W	Vind (EG78)
Custer County 1 W Butler	13	1754CST			0	0		Hail(1.00)	
Garfield County Hayward	13	1754CST			0	0		Hail(0.88)	
Jackson County Altus	<b>13</b> Hail v	1803CST was reported at th	e corner of Br	adford and M	0 arket Street.	0		Hail(0.88)	
Jackson County 2 N Blair	<b>13</b> Hail v	1805CST vas reported near	the intersection	on of Highwa	<b>0</b> y 62 and Ma	<b>0</b> artha Road		Hail(1.00)	
Jackson County (Lts)Altus Afb	<b>13</b> The w	1806CST vind gust was mea	asured by the s	surface obser	0 vations statio	0 on at Altus	s AFB (LTS).	Thunderstorm W	Vind (MG50)
Noble County 3 SW Perry	13	1810CST			0	0		Hail(1.00)	
Jackson County 1 W Altus	13	1812CST			0	0		Hail(1.75)	
Jackson County Altus	13	1817CST			0	0		Hail(1.00)	
Logan County Marshall	<b>13</b> Hail v	1820CST was reported cove	ering the groun	ıd	0	0		Hail(0.75)	
Jackson County 5 E Altus	13	1825CST			0	0		Hail(1.00)	
Kay County Braman	13	1830CST			0	0		Hail(1.25)	
Kay County Braman	13	1830CST			0	0		Hail(1.00)	
Washita County 1 S Foss	13	1835CST			0	0		Hail(1.00)	
Kiowa County 1 S Snyder	<b>13</b> Hail v	1837CST was observed on I	Highway 62.		0	0		Hail(0.88)	
Kiowa County Mountain Park	13	1838CST			0	0		Hail(1.00)	
Kingfisher County Hennessey	13	1845CST			0	0		Hail(1.00)	





	_	Time Local/	Path Length	Path Width	Numbe Perso	ns	Estimated Damage	May 2005
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
OKLAHOMA, Wester	n, Cent	tral and South	<u>east</u>					
Comanche County 1 N Indiahoma	13	1900CST			0	0		Hail(0.88)
Kiowa County 7 NE Mountain Park	13	1905CST			0	0		Hail(0.75)
Payne County 10 W Stillwater	13	1912CST			0	0		Hail(1.00)
Kingfisher County Dover	13	1930CST			0	0		Hail(0.75)
Logan County 2 N Langston	13	1930CST			0	0		Thunderstorm Wind (EG52)
Payne County Stillwater	13	1935CST			0	0		Hail(1.00)
Roger Mills County 4 SW Reydon	13	1935CST			0	0		Hail(1.75)
Payne County 3 W Perkins	13	1945CST			0	0		Thunderstorm Wind (EG52)
Beckham County 6 WNW Mayfield	13	1950CST			0	0		Hail(1.00)
Caddo County Hydro	13	1950CST			0	0		Hail(0.75)
Payne County Perkins	13	1951CST			0	0		Hail(0.88)
Lincoln County 10 NW Chandler	13	1955CST			0	0		Hail(0.88)
Payne County 3 WNW Perkins	13 Nume	<b>1955CST</b> erous 8 to 12 inch	diameter tree	limbs downed.	0	0	2K	Thunderstorm Wind (EG61)
Harmon County 4 W Hollis	13	1956CST			0	0		Hail(0.75)
Payne County 1 NE Perkins	13	1957CST			0	0		Hail(1.00)
Tillman County 3 S Frederick	13	1959CST			0	0		Hail(1.00)
Tillman County 4 S Frederick	<b>13</b> Hail w	1959CST vas reported on U	.S. Highway 1	83.	0	0		Hail(0.75)
Custer County 1.5 N Weatherford	<b>13</b> Hail w	2000CST was reported by th	e commercial	radio station K	0 XWVY.	0		Hail(0.75)
Harmon County 7 SSE Hollis	13	2000CST			0	0		Hail(0.75)
Lincoln County 7 NNW Carney	13	2009CST			0	0		Thunderstorm Wind (EG65)
Lincoln County 2 WNW Tryon	13 The ro	2019CST pof was blown off	a mobile hon	ne on Complex	0 Road near	<b>0</b> Highway	<b>15K</b> 177.	Thunderstorm Wind (EG65)
Lincoln County 4 WNW Tryon	13 Part o	2020CST f the roof was blo	own off a build	ling 2 miles no	0 orth of the i	0 ntersection	<b>10K</b> n of Highway 105 ar	Thunderstorm Wind (EG69) and Highway 177 and 1.25 miles east on





May 2005 Time Local/ Path Length Path Width Number of Estimated Persons Damage OKLAHOMA, Western, Central and Southeast Complex Road. **Beckham County** 4 S Sayre 13 2035CST Hail(1.00) **Jefferson County** 4 NW Addington 14 0212CST 0 Hail(0.75) **Carter County** 0253CST Hail(0.88) 1 W Springer 14 0 Hail was reported at mile marker 41 on Interstate 35. **Cleveland County** 23 0455CST Hail(0.88) Norman Hail was observed on the north side of town, about a half a mile north of the intersection of Porter Avenue and E. Robinson Street. **Cleveland County** 0501CST Hail(0.88) Norman 23 Hail was reported on the south side of town, near the intersection of Jenkins Avenue and Constitution Street at the Lloyd Noble Center on the University of Oklahoma campus. **Cleveland County** 23 0502CST 0 Hail(0.80) Norman Hail was observed on the north side of town, about a half a mile north of the intersection of Porter Avenue and E. Robinson Street. **Cleveland County** Norman 0 0 Hail(0.75) Hail was reported on the southeast side of town, near the intersection of E. Lindsey Street and Biloxi Drive. **Cleveland County** Norman Hail was reported on the south side of town, at the intersection of Jenkins Avenue and Lindsey Street. **Cleveland County** Norman 23 0515CST Hail(0.88) Hail was reported on the southeast side of town, near the intersection of Highway 9 and 24th Avenue S.E **Cleveland County** O Norman 0515CST Hail(0.75) Hail was observed on the south side of town, near the intersection of Highway 77 and Highway 9. **Cleveland County** 0 Hail(0.75) Norman Hail was observed on the southeast side of town just south of the intersection of Highway 9 and 24th Avenue S.E. **Harper County** .5 SW Buffalo 0 Thunderstorm Wind (MG52) 24 0110CST 0 Wind was measured by the Oklahoma mesonet. **Harper County Buffalo** 24 0129CST Thunderstorm Wind (EG61) **Woods County** 16 NNE Freedom 0130CST Thunderstorm Wind (MG52) 0 0

Wind was measured by the Oklahoma mesonet.



Number of

Estimated



May 2005

Path Length (Miles) Time Local/ Path Width Persons Damage Character of Storm OKLAHOMA, Western, Central and Southeast **Harmon County** 9 N Gould 25 0740CST 0 0 Hail(0.75) **Harmon County** 4 WNW Gould 25 0744CST Hail(0.75) Pea to penny size hail was reported covering the ground. **Harmon County** 4 WNW Gould 25 0744CST 0 Thunderstorm Wind (EG52) 0 **Jackson County** 6 SW Duke 25 0755CST Hail(0.75) 0 **Jackson County** 25 9 WSW Altus 0816CST 0 Hail(1.00) **Comanche County** Lawton 25 0833CST Hail(0.88) Hail was reported at the intersection of Sheridan Boulevard and Cache Road. **Jackson County** 25 0839CST 0 Hail(0.88) Headrick Caddo County 1525CST 0 2 W Cogar 31 0 Hail(1.00) **Canadian County** 9 SW Calumet 1610CST Hail(0.75) Hail was reported on Interstate 40. **Jackson County** Eldorado 31 1649CST Hail(1.00) 0 0 **Jackson County** 3 SE Eldorado 31 1655CST 0 0 Hail(1.75) **Comanche County** 3 E Pumpkin Center 31 1657CST Hail(0.88) **Tillman County** 3 SSW Tipton 31 1722CST 0 Hail(0.88) **TEXAS, Western North** Wichita County Wichita Falls 08 1544CST Hail(0.75) Wichita County Wichita Falls 08 1635CST Hail(1.00) Wichita County Wichita Falls 08 1639CST 0 0 Hail(1.00) Hail was observed on the southeast side of the city. **Archer County** Scotland 08 1649CST 0  $\mathbf{0}$ Hail(1.00) Wichita County Wichita Falls 1652CST Hail(1.00) 0 Hail was reported on the southeast side of the city. Wichita County Wichita Falls 0 08 1655CST 10K Hail(1.25) Hail caused damage on the southeast side of the city to automobile windshields and a few broken windows in homes





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		ber of sons Injured	Estin Dar Property	nated nage Crops	Character of Storm	May 2005
TEXAS, Western No	<u>rth</u>									
Clay County 2 W Jolly	08	1656CST			0	0			Hail(0.88)	
Clay County Lake Arrowhead	08	1711CST			0	0			Hail(0.75)	
Foard County 19 WNW Crowell	13	1530CST			0	0			Hail(0.88)	
Foard County 19 WNW Crowell	13	1630CST			0	0			Hail(0.88)	
Foard County 7 SSW Crowell	13	1715CST			0	0			Hail(0.75)	
Knox County 4 SE Truscott to 4 SSW Gilliland	13	1732CST 1746CST	4	150	0	0			Tornado (F1)	

This tornado was observed by several experienced storm chasers and the mobile radar, Doppler On Wheels (DOW). The tornado became better organized around 1740 CST as observed by the chasers and the DOW information. Preliminary analysis of data from the Doppler On Wheels indicated a maximum wind velocity of 49 m/s (approx. 110 mph) at 1745 CST just before the tornado dissipated. This tornado occurred in a remote part of the county where no damage was reported.

Knox County							
4 W Vera to 3 ENE Goree	13	1809CST 1850CST	16	1000	0	0	Tornado (F3)

The tornado began in Knox County and traveled just over 16 miles, eventually moving into Baylor County for less than a half a mile before dissipating 3.3 miles SW of Bomarton. The storm was being seeded by precipitation from another supercell just to its southwest and the tornado was apparently rain-wrapped throughout its duration. However mobile research radars, Doppler on Wheels (DOW), were able to track this tornado. The initial path of the tornado was to the south-southwest crossing U.S. Highway 82. The tornado then generally moved to the southeast for the rest of its life. This tornado moved through sparsely populated areas with no reported damage. Preliminary analysis of data from the Doppler On Wheels indicated a maximum wind velocity of 79 m/s (about 177 mph) at 30 m above ground level which was measured at 1829 CST when the tornado was in open country about 6 miles south of Vera.

Knox County Benjamin	13	1830CST			0	0	Hail(1.00)
Knox County Benjamin	13	1830CST			0	0	Thunderstorm Wind (EG52)
Knox County 2 WNW Munday	13	1838CST			0	0	Hail(2.50)
Knox County Munday	13	1845CST			0	0	Hail(1.25)
Baylor County 3.3 SW Bomarton	13	1850CST 1851CST	0.3	400	0	0	Tornado (F0)

This rain-wrapped tornado began in Knox county, 4 miles W of Vera, and traveled about 16 miles before eventually moving into Baylor county where it quickly dissipated. The tornado was generally moving to the southeast by the time it moved into the county. This tornado moved through open country with no known damage.

Knox County						
2 N Goree	13	1850CST	0	0	7.5K	Thunderstorm Wind (EG61)
	Power	lines and trees were downed.				





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

#### TEXAS, Western North

<b>Baylor County</b>								
3 NW Bomarton		1851CST f tornado was reported y of 23 m/s at 22 m ab						<b>Tornado (F0)</b> eels research radars measured a wind s point is unknown.
Baylor County Bomarton	13 Quarter	1900CST r to golf ball size hail v	was reported	covering th	0 ne ground.	0		Hail(1.75)
Hardeman County Quanah	13	2120CST			0	0		Hail(0.88)
Hardeman County 2 N Quanah	13	2130CST			0	0		Hail(1.00)
Hardeman County 3 W Chillicothe	13	2150CST			0	0		Hail(1.00)
Hardeman County Chillicothe	13	2201CST			0	0		Hail(0.75)
Wilbarger County 2.5 NE Lockett	13	2230CST			0	0		Hail(0.88)
Wilbarger County 10 N Vernon	25 Quarter	0845CST r to golfball size hail w	vas reported	near Highw	<b>0</b> vay 283.	0		Hail(1.75)
Wilbarger County 4 ESE Harrold	25 Hail wa	0933CST as reported at County 1	Line Road.		0	0		Hail(1.00)
Wichita County Electra	25 Nickel	0935CST to quarter size hail wa	s reported at	t the intersec	0 ction of Hig	<b>0</b> hway 25 an	d 287	Hail(1.00)
Wichita County Electra	25	0939CST			0	0		Hail(1.25)
Wichita County 2 S Burkburnett	25 Hail wa	0956CST as reported at Interstate	e 44 and Dai	niels Road.	0	0		Hail(1.00)
Wichita County Sheppard Afb	25	1004CST			0	0		Hail(0.75)
Wichita County Wichita Falls	25 Hail wa	1011CST as observed at the inter	rsection of K	Kell Road an	0 nd Barnett.	0		Hail(0.88)
Clay County Joy	25	1049CST			0	0		Hail(0.75)
Clay County 6 S Joy	25	1054CST			0	0		Hail(0.75)
Wilbarger County 4 NE Vernon	31	1740CST			0	0		Hail(1.00)
Wilbarger County 2 NNE Tolbert	31	1746CST			0	0		Hail(1.75)
Wilbarger County 1 ESE Tolbert	31	1755CST			0	0		Thunderstorm Wind (EG52)





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		aber of rsons Injured	mated mage Crops	Character of Storm	May 2005
TEXAS, Western No	<u>rth</u>								
Wilbarger County Vernon	<b>31</b> Hail r	1806CST eported at the inte	ersection of Hi	ghway 287 a	<b>0</b> and Highwa	<b>0</b> ay 70.		Hail(0.88)	
Wilbarger County Vernon	31	1810CST			0	0		Hail(1.00)	

	Hail reported at the intersection of Highway 287 and Highway 70.								
Wilbarger County Vernon	31	1810CST	0	0		Hail(1.00)			
Wilbarger County 4 NW Vernon	31	1810CST	0	0		Hail(0.88)			
Wilbarger County Vernon	<b>31</b> Hail v	1810CST was observed on the southw	ovest side of town.	0		Hail(1.00)			
Wilbarger County									
Vernon	31	1812CST	0	0		Hail(1,25)			
Wilbarger County									
Vernon	31	1820CST	0	0		Hail(1.00)			
Knox County Knox City	31	2020CST	0	0		Thunderstorm Wind (EG52)			
<b>Knox County</b>									
Knox City	31 Sever	2023CST ral power lines were downed	0 d in town. Power lines were als	0 so down	<b>7.5K</b> ed around town o	Thunderstorm Wind (EG56) n Highway 222.			
V									

Knox County Knox City	<b>31</b> Severa	2023CST al power lines were down	ed in town. Power lines	0 were also	0 downed	7.5K around town on H	Thunderstorm Wind (EG56) ghway 222.
Knox County Rhineland	31	2035CST		0	0		Thunderstorm Wind (EG56)
Baylor County Bomarton	31	2050CST		0	0		Thunderstorm Wind (EG61)