

Osage County 3 N Hominy

07

1719CST

National Weather Service Storm Data and Unusual Weather Phenomena



Thunderstorm Wind (G57)

September 1999 Estimated
Damage
erty Crops Path Length (Miles) Number of Persons Time Local/ Path Width Date Character of Storm (Yards Injured Standard ARKANSAS, Northwest **Benton County** 04 1600CST 0 2.5K Thunderstorm Wind Centerton Trees and power lines were blown down in Centerton. **Benton County** 1630CST Pea Ridge 04 11K Thunderstorm Wind Trees and power lines were blown down in Pea Ridge. One tree was blown onto a car, destroying the car. Summary of events for September 4 1999: Scattered thunderstorms developed on the afternoon of Sept. 4 well in advance of a cold front moving south. These storms produced isolated reports of damaging winds in Benton County. **Benton County** 07 1855CST 1900CST Hail (1.00) Gentry **OKLAHOMA**, Eastern **Craig County** Bluejacket 04 1750CST 2KThunderstorm Wind Power lines were blown down in Bluejacket. **Nowata County** 1800CST 8 E Lenapah 04 15K Thunderstorm Wind Roofs were blown off several barns, and several trees were blown down. Summary of events for September 4 1999: Scattered thunderstorms developed on the afternoon of Sept. 4 well in advance of a cold front moving south through Kansas. These thunderstorms produced isolated reports of small-scale severe winds in Nowata and Craig Counties. Le Flore County 12 E Talihina 07 1500CST 0 Hail (1.00) Le Flore County 07 Heavener 1532CST Hail (0.75) **Creek County** Silver City 07 1545CST 1605CST 0 Hail (1.00) A single storm back-builded over Silver City, causing hail as large as quarters to last for 20 minutes in Silver City. **Osage County** 1608CST 1613CST Webb City 07 Hail (0.88) **Pawnee County** Terlton 07 1610CST 0 0 Hail (1.00) **Pawnee County** 07 1619CST 0 0 Hail (1.00) Cleveland **Pawnee County** 5 S Cleveland 07 1620CST 0 Hail (0.75) Location: along US Hwy 412 **Osage County** Tallant to Nelagoney 0 07 Hail (2.00)

There was a report of 1" hail at Tallant at 605 PM and a report of 2" hail at Nelagoney at 615 PM CDT.





		Time Local/	Path Length	Path Width	Number of Persons		Estimated Damage	September 199
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Cro	ops Character of Storm
OKLAHOMA, Eastern	<u>!</u>							
Osage County 5 W Skiatook	07	1737CST			0	0		Thunderstorm Wind (G57)
Washington County Vera	07	1755CST			0	0		Thunderstorm Wind (G52)
Cherokee County Welling	07	1800CST			0	0		Hail (1.00)
Rogers County Talala	07	1800CST			0	0	0.20K	Thunderstorm Wind
	Tree li	mbs as large as 6-	-8" in diamet	er were blow	n down in T	alala.		
Nowata County Lenapah	07	1805CST			0	0	0.10K	Thunderstorm Wind
	Large	tree branches wer	e blown dow	n.				
Tulsa County Skiatook	07	1810CST			0	0	0.10K	Thunderstorm Wind
	Tree li	mbs were blown	onto the mair	n highway in	Skiatook.			
Cherokee County 2 NE Eldon	07	1822CST			0	0		Hail (0.75)
Adair County Proctor	07	1825CST			0	0		Hail (0.75)
Pawnee County Pawnee	07	1830CST			0	0	2.5K	Thunderstorm Wind (G61)
	Numer	rous large tree lim	bs and severe	e power lines	were blown	down b	y winds estimate	d at 60-70 mph.
Tulsa County Owasso	07	1830CST			0	0	2K	Thunderstorm Wind
	Power	lines were blown	down.					
Delaware County 4 W West Siloam Spgs	07	1840CST			0	0		Hail (1.75)
Craig County Vinita	07	1854CST			0	0	15K	Thunderstorm Wind
	The ro	of was blown off	of a business	in Vinita, an	d many tree	s and po	wer lines were bl	own down.
Cherokee County 10 NNE Tahlequah	07	1900CST			0	0	0.10K	Thunderstorm Wind
	Large	tree limbs were bl	lown down at	t the Eagle Bl	luff Resort.			
Craig County 9 SE Vinita	07	1900CST			0	0		Thunderstorm Wind (G52)
Delaware County 3 SSW Cleora to 2 SSW Cleora	07 Winds	1900CST 1901CST estimated at 65 n	niles an hour	blew down p	0 ower lines.	0	2K	Thunderstorm Wind (G61)
Adair County Christie	07	1910CST			0	0	0.10K	Thunderstorm Wind
	Large	tree limbs were bl	lown down n	ear Christie.				
Rogers County Tiawah	07	1910CST			0	0	15K	Thunderstorm Wind
	A mot	or home was blow	vn over onto	a propane tan	ık, and large	tree lim	bs were blown do	own.
Cherokee County 4 NE Scraper	07	1915CST 2015CST			0	0		Flash Flood





September 1999 Estimated
Damage
erty Crops Path Length (Miles) Number of Persons Time Local/ Path Width Date Character of Storm Standard (Yards Injured OKLAHOMA, Eastern Black Fox Creek overflowed onto OK Hwy 10. **Delaware County** Grove 07 1915CST 0.50KThunderstorm Wind Several large trees were blown onto and blocked nearby roadways. **Pawnee County** 1915CST Thunderstorm Wind (G52) Maramec **Delaware County** 1920CST 0 Hail (0.75) Zena **Creek County** 11 N Bristow to 1925CST 1939CST 0.30KThunderstorm Wind (G61) **Bristow** At 825 PM CDT, spotters reported 65 mph winds 11 miles north of Bristow near the intersection of OK Hwys 48 and 33. At 832 PM CDT, spotters reported trees blown down in a field 5 miles northwest of Bristow. At 839 PM CDT, spotters estimated 70 mph winds near Bristow. **Delaware County** 3 W Colcord 07 1933CST Hail (0.75) **Creek County** 3 NNE Kellyville 1943CST Thunderstorm Wind (G52) **Adair County** Christie 07 Flash Flood 2045CST Tributaries of the Baron Fork Creek near Christie overflowed their banks. **Creek County** 07 1946CST Hail (0.75) Shamrock **Creek County** Thunderstorm Wind (G52) 07 1946CST 0 Shamrock 0 **Tulsa County** 07 12 SE Tulsa 2015CST 0.10KThunderstorm Wind Four-inch tree limbs were blown down in the Shadow Ridge Addition near 91st Street South and Mingo in Tulsa. **Muskogee County** Ft Gibson 07 2100CST Thunderstorm Wind (G52) **Mcintosh County** Checotah 07 2105CST 0 8KThunderstorm Wind A tree was blown onto a car in Checotah. Summary of events for September 7 1999:

A southward-moving cold from kicked off scattered severe thunderstorms during the near of the afternoon over areas northwest of
Tulsa, while an isolated severe thunderstorm in southern Le Flore County was caused by differential heating over higher terrain.
Individual cells eventually evolved into a nearly solid line of thunderstorms that was responsible for locally damaging winds in
northeast Oklahoma. The line eventually weakened below severe limits as it moved southward and approached Interstate 40.

Tulsa County					
4 SE Tulsa to 3 E Tulsa	10	1255CST 1320CST	0	0	Hail (0.88)
0 2 1 111011	There		f large hail from near downto	own Tulsa to the	e midtown areathey are:

Time (CDT)	Location	Size
155 PM	Harvard and BA Expwy	.75"
200 PM	31st St. S. and Yale	.88"
220 PM	11th St. S. and Yale	.88"





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

OKLAHOMA, Eastern

Tulsa County 8 SE Tulsa to	10	1304CST	0	0	Thunderstorm Wind (G61)
13 SE Tulsa	Street Street was a Mingo Howe	South and Memorial. Following is a summ South and Lewis. At 204 PM CDT, there gust to 60 mph at 81st Street South and Me o. Large tree limbs were blown down throu	mary of indiving was a gust to emorial. At 2 ighout the sou	dual repo 70 mph a 16 PM C uthern pa	reast Tulsa. The worst damage was centered near 91st ortsAt 200 PM CDT, there was a gust to 70 mph at 71st at 71st Street South and Memorial. At 212 PM CDT, there CDT, there was a gust to 70 mph at 71st Street South and rt of the city of Tulsa roughly south of 51st Street South. tween Memorial and Mingo, including one large tree that
Tulsa County 9 SE Tulsa to	10	1312CST	0	0	Hail (0.88)
3 W Broken Arrow	There CDT,	were several reports of large hail along the	81st Street c	orridor ir th and M	n southeast Tulsa and western Broken Arrow. At 212 PM emorial in Tulsa. At 220 PM CDT, there was a report of
Wagoner County 4 N Broken Arrow	10	1225CST	0	0	Thundoustown Wind (C52)
4 N Broken Arrow	10	1325CST ion: 41st Street South and 193rd East Aver	0 nua in Brakar		Thunderstorm Wind (G52)
Wagoner County	Local	ion: 41st Street South and 193rd East Aver	iue iii brokei	Allow	
2 S Broken Arrow	10	1330CST	0	0	Hail (0.75)
	Locat	ion: 101st Street South and 193rd East Ave	enue in Broke	n Arrow	
Wagoner County					
Coweta	10	1330CST	0	0	25K Thunderstorm Wind
		e was blown onto a house in Coweta. Wind al in Coweta, destroying the speakers.	ls also topple	d an exter	nsive speaker system at the grandstand of an outdoor
Muskogee County		12.10.000			w 44 a a
Haskell	10	1340CST	0	0	Hail (1.00)
Muskogee County Jamesville	10	1407CST	0	0	Hail (0.75)
Okmulgee County					
1 E Bald Hill	10	1410CST	0	0	Hail (1.00)
Muskogee County Muskogee Davis Arpt	10	1425CST	0	0	Thunderstorm Wind (G52)
Mcintosh County Hitchita	10	1440CST	0	0	Thunderstorm Wind (G52)
Muskogee County	10	1440651	v	v	Thunderstorm Wind (032)
2 W Webbers Falls	10	1450CST	0	0	Thunderstorm Wind (G61)
Mcintosh County Checotah to	10	1458CST	0	0	Hail (0.75)
7 SW Checotah	10	1520CST	U	U	Han (0.75)
Pawnee County 6 W Maramec	10	1530CST	0	0	Thundoustown Wind (C52)
Haskell County	10	1550C51	U	U	Thunderstorm Wind (G52)
Stigler	10	1538CST	0	0	Thunderstorm Wind (G52)
Creek County					
Oilton	10	1600CST	0	0	0.10K Thunderstorm Wind
	Large	tree limbs were blown down.			
Haskell County Lequire	10	1600CST	0	0	Thunderstorm Wind (G52)
Creek County	10	1000031	U	U	r nunuerstorm wind (G52)
1 S Shamrock	10	1652CST	0	0	Hail (0.75)





		Time Local/	Path Length	Path Width	Number of Persons		Estimated Damage		September 1999
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm

OKLAHOMA, Eastern

Creek County 1.5 NW Bristow to Bristow	10 There	1704CST 1705CST e was a report of 2.5	" hail northw	est of Bristo	0 ow, and the	0 ere was an	other report of 1'	Hail (2.50) ' hail in Bristow.
Okfuskee County 3 N Paden	10	1710CST			0	0	0.50V	Thunderstorm Wind
5 N Paden	10	1/10CS1			0	0	0.50K	I nunderstorm wind
	Trees	s were blown down	north of Pade	en.				
Creek County 3 NW Bristow	10	1715CST			0	0		Hail (1.50)
Okfuskee County 3 W Welty	10	1730CST			0	0		Hail (1.00)
Okfuskee County								
3 N Castle to 2 E Castle	10	1747CST	3.5	150	0	0	80K	Tornado (F1)

An F1 tornado touched down about 3 miles north of Castle, travelling approximately 3.5 miles southeast before lifting about 2 miles east of Castle. Along the way, this storm completely ripped the roof from one permanent wood-frame house about 2 miles northeast of Castle, and it blew the roof off of a mobile home located on OK Hwy 48 north of Castle near I.X.L. Another residence immediately to the south sustained minor damage when a tree fell on the corner of the house. The house's owner said that she witnessed a white funnel about 100 yards to the northeast. Several barns were completely destroyed, leaving only hay bales that were once covered by the barns.

Okfuskee County Okemah

10 1758CST 0 0 25K Lightning

A house in Okemah was struck by lightning, igniting the back portion of the house and destroying the back portion of the residence.

Okfuskee County Okemah to Clearview

10 1800CST 0 0 200K Hail (2.75)

There were several reports of large hail from Okemah to Clearview. Following are individual reports:

Time (CDT)	Location	Size
700 PM	Okemah	.88"
707 PM	Okemah	1"
710 PM	3 E Okemah	2.75"
715 PM	Okemah	1.75"
720 PM	Clearview	1"

The hail in Okemah broke and cracked windows in several residences, and many vehicles sustained hail damage.

Okfuskee County Castle to Weleetka

10 1810CST 0 0 6K Thunderstorm Wind (G70)

There were several reports of damaging and severe thunderstorm winds from Castle, east-southeast through Okemah, to Weleetka. Starting in Castle, many trees were damaged, including a 125-foot tall cottonwood tree that was uprooted. Down the road in Okemah, numerous trees, tree limbs and several power lines were blown down. Three miles east of Okemah, an Oklahoma mesonet site measured a wind gust to 80 miles an hour at 715 PM CDT. In Weleetka, large trees were blown down.

Summary of events for September 10 1999:

Severe thunderstorms developed early on the afternoon of Sept. 10 as warm, moist low-level air returned following several days of cooler, drier weather. Severe weather initially developed over the Tulsa metro area with the emphasis shifting south to Haskell County by early evening. The afternoon convection then left an outflow boundary over northcentral Oklahoma that was the focus for more severe thunderstorms as an upper level disturbance approached in the evening. This second round of storms slipped southeast along the outflow boundary from Pawnee County to Okfuskee County. The worst storm of the day was the last storm of the day...a supercell that moved east-southeast along the outflow boundary in Okfuskee County, producing a damaging tornado, damaging baseball-sized hail, and 80 mph winds.





Time Path Path Number of Estimated September 1999
Location Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm

OKLAHOMA, Eastern

Osage County

West Portion 12 0300CST 0 0 0 Flash Flood 0400CST

Water covered many county roads in low spots.