



National Weather Service

Storm Data and Unusual Weather Phenomena



November 1999

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

ARKANSAS, Northwest

NONE REPORTED.

OKLAHOMA, Eastern

Choctaw County

2 SW Hugo	22	1644CST	0.5	50	0	0			Tornado (F0)
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Public reported a brief touchdown of a tornado 2 miles southwest of Hugo. No damage was reported.

Choctaw County

4 N Hugo	22	1653CST	0.5	50	0	0			Tornado (F0)
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Public reported a brief touchdown of a tornado 4 miles north of Hugo. No damage was reported.

Pushmataha County

1 W Oleta	22	1720CST			0	0	10K		Thunderstorm Wind
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Strong winds damaged a trailer home.

Creek County

5 W Kellyville	22	1724CST			0	0			Hail (1.00)
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Okfuskee County

Welty	22	1748CST			0	0			Hail (0.75)
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Tulsa County

1 E Prattville	22	1754CST	0.5	50	0	0			Tornado (F0)
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Several spotters reported a tornado near highway 97 1 mile east of Pratteville. No damage was reported.

Osage County

Skiatook	22	1810CST			0	0			Hail (0.75)
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Washington County

1 E Bartlesville to 1 E Dewey	22	1814CST 1819CST			0	0			Hail (0.75)
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There were two separate reports of dime-sized hail, one from the east side of Bartlesville, the other from 4 miles east of Dewey.

Creek County

Slick	22	1815CST			0	0			Hail (0.75)
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Creek County

Sapulpa	22	1820CST			0	0	100K		Lightning
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Lightning struck an oil storage tank causing an explosion and a resulting fire. Four tanks were burned, two of which were filled with oil.

Okfuskee County

5 SW Okemah	22	1820CST			0	0			Hail (1.75)
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Location: near OK Hwy 48 and I-40

Tulsa County

5 E Skiatook	22	1825CST	0.5	50	0	0			Tornado (F0)
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Trained spotters reported a tornado near the intersection of highway 75 and highway 20. The tornado was on the ground for less than a mile and no damage was reported.

Okmulgee County

4 W Beggs	22	1835CST			0	0			Hail (0.75)
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Tulsa County

5 W Collinsville	22	1835CST			0	0			Thunderstorm Wind (G52)
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OKLAHOMA, Eastern

Washington County 2 NNW Vera	22	1835CST			0	0			Hail (0.75)
Tulsa County 5 S Broken Arrow	22	1840CST			0	0			Thunderstorm Wind (G52)
Location: near 131st Street and 145th East Avenue (Aspen Avenue)									
Creek County Kiefer	22	1845CST			0	0			Thunderstorm Wind (G52)
Rogers County Oologah	22	1845CST			0	0	3K		Thunderstorm Wind
Thunderstorm winds blew down a few power lines near Oologah causing a power outage in the area.									
Nowata County South Coffeyville	22	1850CST			0	0	7K		Thunderstorm Wind
Numerous trees and power lines were blown down. Several metal sheds were destroyed.									
Okfuskee County Pharoah	22	1855CST			0	0	0.10K		Thunderstorm Wind
Several large tree limbs were blown down.									
Tulsa County 3 N Bixby to 8 ESE Tulsa	22	1905CST 1915CST			0	0			Thunderstorm Wind (G70)
There were several reports of severe thunderstorms winds from Bixby to southeast Tulsa. Following is a list of reports:									
		Time (CST)	Location		Estimated Gust (mph)/Damage				
		705 PM	121st and Mingo		Large trees down				
		710 PM	81st and Memorial		60				
		712 PM	71st and US Hwy 169		60				
		713 PM	71st and Mingo		70				
		714 PM	61st and Mingo		80				
Okmulgee County Okmulgee	22	1915CST			0	0	3K		Thunderstorm Wind
Trees and power lines were blown over in Okmulgee.									
Pushmataha County 3 E Nashoba	22	1915CST			0	0			Hail (0.75)
Okmulgee County Okmulgee	22	1925CST			0	0			Hail (0.75)
Rogers County Catoosa to Verdigris	22	1930CST 1940CST			0	0	3K		Thunderstorm Wind
Thunderstorm winds blew down trees and power poles from Catoosa to Verdigris.									
Okmulgee County Bald Hill	22	1934CST			0	0			Hail (1.00)
Tulsa County 12 E Tulsa	22	1935CST			0	0	16K		Thunderstorm Wind (G70)
Thunderstorm winds estimated at 60 to 80 miles an hour blew down 8 large electric transmission lines near 11th street and 193rd east avenue at the Tulsa-Wagoner county line.									
Wagoner County 7 NNE Broken Arrow	22	1935CST			0	0			Thunderstorm Wind (G70)



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OKLAHOMA, Eastern

Thunderstorm winds estimated at 60 to 80 miles an hour blew down 8 electric transmission lines near 11 street and 193rd east avenue near the Tulsa-Wagoner county line.

Rogers County

3 SE Claremore to 4 E Claremore	22	1947CST 1951CST	3	75	0	0	150K		Tornado (F1)
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A tornado touched down 3 miles southeast of Claremore and traveled about 3 miles northeast to 1/2 mile northeast of Will Rogers Downs or 4 miles east of Claremore. One mobile home was destroyed and another mobile home was blown off its foundation. A house under construction was flattened and three horse barns were heavily damaged.

Okfuskee County

Okemah	22	2000CST			0	0	0.10K		Thunderstorm Wind
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A large tree was blown over in Okemah.

Pittsburg County

Savanna	22	2003CST			0	0			Hail (0.75)
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Craig County

2 SW Welch	22	2015CST			0	0			Thunderstorm Wind (G52)
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Okmulgee County

Nuyaka	22	2030CST			0	0	0.10K		Thunderstorm Wind
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Several large tree limbs were blown down.

Rogers County

Inola	22	2035CST			0	0	50K		Thunderstorm Wind
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One barn was destroyed and another barn's roof was blown off near Inola. In addition, a horse trailer was blown over and damaged. Power lines were blown down in the city of Inola.

Tulsa County

1 W Broken Arrow to 2 E Broken Arrow	22	2044CST 2050CST			0	0	15K		Thunderstorm Wind (G66)
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Several large tree branches were blown out of trees near 81st Street South (Houston) and 161st East Avenue (Elm Place). The Broken Arrow Police Department measured a 60 mph wind gust which blew the roof off of a building in downtown Broken Arrow. A spotter at 91st and 193rd East Avenue near the Tulsa/Wagoner County line reported a wind gust to 75 miles an hour.

Wagoner County

2 E Broken Arrow	22	2044CST			0	0			Thunderstorm Wind (G66)
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Location: near 193rd East Avenue and 91st Street South on the Tulsa/Wagoner County line

Mayer County

6 SW Pryor	22	2050CST			0	0			Hail (0.88)
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Okmulgee County

Beggs	22	2050CST			0	0			Thunderstorm Wind (G52)
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Mayer County

Pryor to 2 N Pryor	22	2105CST 2106CST			0	0			Hail (1.00)
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At 905 PM, there was a report of nickel-sized hail in Pryor. At 906 PM, there was a report of quarter-sized hail just north of Pryor.

Mayer County

Pryor	22	2105CST			0	0			Thunderstorm Wind (G52)
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Mayer County

Adair	22	2110CST			0	0	0.50K		Thunderstorm Wind
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A power outage occurred in Adair when a power pole with a transformer was blown down.

Craig County

9 SW Vinita	22	2115CST			0	0			Hail (0.75)
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OKLAHOMA, Eastern

Location: just south of Big Cabin

Craig County 6 SW Vinita	22	2115CST			0	0	1K		Thunderstorm Wind
The roof was blown off of a shed 3 miles northwest of Big Cabin.									
Muskogee County Haskell	22	2115CST			0	0	1K		Thunderstorm Wind
Numerous trees were blown down in Haskell.									
Craig County Vinita	22	2135CST			0	0	0.10K		Thunderstorm Wind (G61)
Winds estimated between 60 and 75 miles an hour blew tree limbs down in Vinita.									
Craig County 11 SE Vinita	22	2140CST			0	0	2K		Thunderstorm Wind (G52)
Winds estimated near 60 miles an hour caused several electrical transformers to blow near Ketchum at the Craig/Mayes County line.									
Mayes County Ketchum	22	2140CST			0	0			Thunderstorm Wind (G52)
Winds estimated near 60 miles an hour caused electrical transformers to blow at the Craig/Mayes County line.									
Okmulgee County Henryetta	22	2140CST			0	0	3K		Thunderstorm Wind
Trees and power lines were blown down on the northeast side of Henryetta.									
Ottawa County Afton	22	2145CST			0	0	0.50K		Thunderstorm Wind
Numerous large tree limbs were blown down in Afton.									
Delaware County Bernice	22	2149CST			0	0	20K		Thunderstorm Wind
In Bernice, winds blew the roof off a mobile home, the roof from a shed, shingles from a church, and the wind blew down two power poles. Numerous large tree limbs were blown down.									
Mayes County Pryor	22	2205CST			0	0	0.10K		Thunderstorm Wind (G52)
Several large tree limbs were blown down.									
Muskogee County 2 W Haskell	22	2205CST			0	0	5K		Thunderstorm Wind
The roof was blown off of a barn.									
Delaware County 2 S Cleora	22	2230CST			0	0	5K		Thunderstorm Wind
A tree was blown onto a house at Harbor View.									
Delaware County Grove	22	2240CST			0	0	0.10K		Thunderstorm Wind
Several large tree limbs were blown down.									
Haskell County Tamaha	22	2325CST			0	0			Hail (0.75)
Cherokee County 7 SE Cookson	22	2339CST			0	0	0.50K		Thunderstorm Wind
Trees were blown down over a road in southeast Cherokee County.									
Adair County 2 SW Bunch	22	2340CST			0	0	0.10K		Thunderstorm Wind



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OKLAHOMA, Eastern

Several 3-4" tree limbs were blown down.

Sequoyah County
5 NE Gore

22	2355CST				0	0	7K		Thunderstorm Wind
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A tree was blown onto a house and vehicle near the intersection of OK Hwys 10A and 100.

Sequoyah County
1 S Muldrow

22	2356CST				0	0	2K		Thunderstorm Wind
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Signs and fences were blown down at a truck stop along I-40 south of Muldrow.

Summary of events for November 22 1999:

A surge of warm, moist and unstable air ahead of a cold front and a strengthening frontal wave fired off numerous thunderstorms well east of I-35 late in the afternoon, gradually shifting east to near the Arkansas and Missouri state lines by late evening. Many of the first thunderstorms of the day took on supercell characteristics, some of which produced tornadoes and very large hail. Due to the slow movement of the line of storms, many places saw from one to three inches of rain, but dry preceding conditions kept flooding to a minimum. Around 7 to 8 PM, the line of storms became more solid with four to five bow echoes forming, producing strong winds and marginally severe hail. The storms had all weakened below severe limits by midnight.