



National Weather Service

Storm Data and Unusual Weather Phenomena



October 1999

| 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 |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

OKLAHOMA, Western, Central and Southeast

STEPHENS County
COMANCHE

04 0700CST 0 0 3K LIGHTNING

Lightning struck the Comanche Water Tower, resulting in damage to monitoring equipment. Lightning also struck a transformer at the Comanche substation, resulting in loss of power throughout town.

HARMON County
7 SE HOLLIS

08 1525CST 0 0 Hail (0.75)

HARMON County
**6 SSE GOULD to
9 SE GOULD**

08 1545CST 0 0 640K Hail (1.25)
1615CST

JACKSON County
**8 SW DUKE to
7 SW DUKE**

08 1615CST 0 0 160K Hail (1.25)
1620CST

JACKSON County
5 SSE DUKE

08 1630CST 0 0 Hail (0.88)

KIOWA County
7 S COOPERTON

08 1646CST 0 0 Hail (0.88)

Hail accumulated to a depth of 5 to 6 inches on Highway 54 from its intersection with Highways 49 to 2 miles north of the intersection. The Department of Transportation was called out to clear the road.

COMANCHE County
MEERS

08 1740CST 0 0 Hail (0.75)

COMANCHE County
1 E MEERS

08 1744CST 0 0 Hail (1.00)

COMANCHE County
1 E MEERS

08 1749CST 0 0 Hail (1.50)

COMANCHE County
1 E MEERS

08 1749CST 0 0 THUNDERSTORM WIND (G52)

COMANCHE County
5 E MEDICINE PARK

08 1900CST 0 0 Hail (0.88)

COMANCHE County
5 E MEDICINE PARK

08 1901CST 0 0 Hail (0.88)

Isolated areas of severe weather developed across portions of southwest Oklahoma during the afternoon and early evening of the 8th. One particular slow moving severe thunderstorm produced hail as large as half-dollars (1.25 inches), which destroyed cotton crop along a 5-mile swath from eastern Harmon County extending eastward into northwest Jackson County. Hail fell for up to 30 minutes in a few places, accumulating to a depth of 2 to 3 feet in some ditches. Nearly 3000 bales of cotton were destroyed, a market value of \$800,000.

DEWEY County
2 W PUTNAM

29 1610CST 0 0 Hail (0.75)

BLAINE County
2 S CANTON

29 1650CST 0 0 Hail (1.00)

WASHITA County
1 S FOSS

29 1705CST 0 0 THUNDERSTORM WIND (G52)

KINGFISHER County
5 W LACEY

29 1745CST 0 0 Hail (1.00)

WASHITA County
4 NW CORN

29 1750CST 0 0 Hail (0.88)

CUSTER County
4 S WEATHERFORD

29 1754CST 0 0 Hail (1.50)

CUSTER County
5 SW WEATHERFORI

29 1805CST 0 0 Hail (1.00)



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OKLAHOMA, Western, Central and Southeast

| | | | | | | | | | |
|---|----|--------------------|--|--|---|---|-------|--|-------------------------|
| CADDO County | | | | | | | | | |
| HINTON | 29 | 1825CST | | | 0 | 0 | | | THUNDERSTORM WIND (G52) |
| TILLMAN County | | | | | | | | | |
| 4 S TIPTON | 29 | 1945CST | | | 0 | 0 | | | THUNDERSTORM WIND (G58) |
| TILLMAN County | | | | | | | | | |
| 4 S TIPTON | 29 | 1950CST | | | 0 | 0 | | | THUNDERSTORM WIND (G55) |
| KIOWA County | | | | | | | | | |
| 2 WNW MOUNTAIN P | 29 | 2005CST | | | 0 | 0 | | | Hail (0.75) |
| KIOWA County | | | | | | | | | |
| 2 WNW MOUNTAIN P | 29 | 2005CST | | | 0 | 0 | | | THUNDERSTORM WIND (G62) |
| TILLMAN County | | | | | | | | | |
| TIPTON | 29 | 2019CST | | | 0 | 0 | | | Hail (0.75) |
| TILLMAN County | | | | | | | | | |
| TIPTON | 29 | 2019CST | | | 0 | 0 | 1.5K | | THUNDERSTORM WIND (G64) |
| COMANCHE County | | | | | | | | | |
| 3 W MEDICINE PARK | 29 | 2025CST | | | 0 | 0 | | | THUNDERSTORM WIND (G56) |
| COMANCHE County | | | | | | | | | |
| 3 W MEDICINE PARK | 29 | 2030CST | | | 0 | 0 | | | THUNDERSTORM WIND (G57) |
| COMANCHE County | | | | | | | | | |
| LAWTON | 29 | 2046CST | | | 0 | 0 | | | THUNDERSTORM WIND (G61) |
| COMANCHE County | | | | | | | | | |
| CACHE | 29 | 2100CST | | | 0 | 0 | 15K | | THUNDERSTORM WIND |
| COMANCHE County | | | | | | | | | |
| ELGIN | 29 | 2100CST | | | 0 | 0 | 0.10K | | THUNDERSTORM WIND |
| STEPHENS County | | | | | | | | | |
| MARLOW | 29 | 2115CST | | | 0 | 0 | 20K | | THUNDERSTORM WIND |
| STEPHENS County | | | | | | | | | |
| 1 WSW MARLOW | 29 | 2115CST | | | 0 | 0 | | | THUNDERSTORM WIND (G57) |
| GRADY County | | | | | | | | | |
| RUSH SPGS | 29 | 2130CST | | | 0 | 0 | | | THUNDERSTORM WIND (G61) |
| CLEVELAND County | | | | | | | | | |
| NORMAN | 29 | 2140CST | | | 0 | 0 | | | THUNDERSTORM WIND (G50) |
| The gust was measured at the NWS Forecast Office. | | | | | | | | | |
| CLEVELAND County | | | | | | | | | |
| NORMAN | 29 | 2140CST | | | 0 | 0 | | | THUNDERSTORM WIND (G52) |
| The gust occurred at the intersection of I-35 and Indian Hills Road. | | | | | | | | | |
| CLEVELAND County | | | | | | | | | |
| NORMAN | 29 | 2145CST 2155CST | | | 0 | 0 | 200K | | THUNDERSTORM WIND |
| CLEVELAND County | | | | | | | | | |
| NORMAN | 29 | 2145CST | | | 0 | 0 | | | THUNDERSTORM WIND (G57) |
| The gust was recorded at the Storm Prediction Center/National Severe Storms Laboratory. | | | | | | | | | |
| MCCLAIN County | | | | | | | | | |
| BLANCHARD | 29 | 2155CST | | | 0 | 0 | | | THUNDERSTORM WIND (G52) |
| OKLAHOMA County | | | | | | | | | |
| TINKER AFB | 29 | 2155CST | | | 0 | 0 | | | THUNDERSTORM WIND (G51) |
| GARVIN County | | | | | | | | | |
| LINDSAY | 29 | 2200CST | | | 0 | 0 | 0.50K | | THUNDERSTORM WIND (G61) |



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OKLAHOMA, Western, Central and Southeast

**POTTAWATOMIE
County**

| | | | | | | | | | |
|-------------|----|---------|--|--|---|---|-------|--|-------------------|
| 4 S MC LOUD | 29 | 2210CST | | | 0 | 0 | 0.10K | | THUNDERSTORM WIND |
|-------------|----|---------|--|--|---|---|-------|--|-------------------|

**POTTAWATOMIE
County**

| | | | | | | | | | |
|----------|----|---------|--|--|---|---|-------|--|-------------------|
| TECUMSEH | 29 | 2215CST | | | 0 | 0 | 0.10K | | THUNDERSTORM WIND |
|----------|----|---------|--|--|---|---|-------|--|-------------------|

LOVE County

| | | | | | | | | | |
|--------------|----|---------|--|--|---|---|-------|--|-------------------|
| 2 W COURTNEY | 30 | 0100CST | | | 0 | 0 | 0.01K | | THUNDERSTORM WIND |
|--------------|----|---------|--|--|---|---|-------|--|-------------------|

Thunderstorms produced scattered areas of severe weather across portions of western and central Oklahoma from the afternoon of the 29th through the early morning of the 30th. Between 2145 CST and 2155 CST widespread wind damage occurred across the east and northeast sides of Norman in Cleveland County. The damage area was bounded on the north along a line from Porter and Franklin to Indian Hills Road and 60th, and on the southeast along a line from Alameda and 24th to Tecumseh and 60th. A large portion of the roof from the Robin Hills School was blown off. Significant water damage occurred when rain fell inside the building. Major structural damage also occurred to the Meiser's Feed Store. In addition, about 1 dozen electric poles, numerous trees, and fences were blown down. Nearly 25,000 electric customers were left without power for several hours. Some customers did not have power restored for a couple of days. In Marlow in Stephens County the roof of a house was partially blown off, while minor roof damage occurred to the Marlow Middle School. Numerous trees were also downed in Marlow. A shed was blown across the road, and power lines were downed in Tipton in Tillman County, while in Comanche County, dozens of utility lines were downed in Cache, and trees were downed in Elgin. Numerous trees and power lines were downed in Lindsey in Garvin County. One large tree was blown over 4 miles south of McCloud and in Tecumseh on E. Highland St., both in Pottawatomie County, and large tree limbs were downed 2 miles west of Courtney in Love County.

TEXAS, Western North

WILBARGER County

| | | | | | | | | | |
|-------------|----|---------|--|--|---|---|----|--|-------------------------|
| 3 E LOCKETT | 08 | 1700CST | | | 0 | 0 | 3K | | THUNDERSTORM WIND (G69) |
|-------------|----|---------|--|--|---|---|----|--|-------------------------|

WILBARGER County

| | | | | | | | | | |
|-------------|----|---------|--|--|---|---|--|--|-------------|
| 3 E LOCKETT | 08 | 1710CST | | | 0 | 0 | | | Hail (0.75) |
|-------------|----|---------|--|--|---|---|--|--|-------------|

On the afternoon of the 8th, an isolated severe thunderstorm produced severe winds 3 miles east of Lockett in Wilbarger County, which tore the roof off a barn and blew down one of the barn walls. In addition, a cotton trailer was blown over, and other minor tree and roof damage was reported. Hail also accumulated on the ground to a depth of 6 to 8 inches.