



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 1996

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

### OKLAHOMA, Western, Central and Southeast

#### Blaine County

4.5 N Watonga

**01 1430CST** **0** **0** **1K** **Thunderstorm Wind**

Severe thunderstorm winds, probably from a collapsing thunderstorm, blew down trees and caused other damage along a path northwest to southeast through Roman Nose State Park. At least 12 trees were uprooted and numerous limbs were downed. Some shingles were blown off park buildings, 2 television antenna were blown down, and a fence was blown over along this damage path.

**OKZ010-020-025>026-046**

#### **Woodward - Payne - Oklahoma - Lincoln - Carter**

**01 1500CST** **7** **0** **Excessive Heat**  
**07 2000CST**

High temperatures topped the century mark in central Oklahoma through the first week of July. On July 1, the high in Oklahoma City (at OKC) reached 102 degrees, then 104 on the 2nd, 103 on the 3rd, 105 on the 4th, 108 on the 5th, 110 on the 6th, and 106 on the 7th. During this prolonged period of hot temperatures, 7 deaths were attributed to the excessive heat.

All of the victims were elderly and all but one were in their homes without air conditioning. The first fatality was an 80-year-old woman who was found the morning of July 4th in her unairconditioned home in Chandler in Lincoln County. The second fatality was a 66-year-old man in Woodward in Woodward County. This man was also in his home and his evaporative cooler had stopped working.

The third death was a 67-year-old man who was found in his home in Cushing in Payne County on July 5th. His air conditioner was not working when he was found. The fourth victim, an 87-year-old woman, was found on July 7th in her unairconditioned home in northeast Oklahoma City in Oklahoma County. The fifth fatality was an 87-year-old man who was found in his apartment in downtown Oklahoma City on July 8th.

The sixth heat-related death was a 71-year-old man who was found in his apartment in Ardmore in Carter County on July 8th. The seventh and last death that was attributed to the excessive heat was that of an 89-year-old man who had wandered away from a nursing home in Carnegie in Caddo County. The man was found on July 4th in a field on the edge of town and had died from exposure to the heat. F83PH, M87PH, M71PH, M66PH, M67PH, F80PH, M89OU

**OKZ023>025-029**

#### **Caddo - Canadian - Oklahoma - Cleveland**

**02 1720CST** **0** **0** **Summary Of July 2**  
**2150CST**

Severe thunderstorms in central Oklahoma produced hail as large as quarters in Oklahoma City in Oklahoma County and wind gusts estimated to be as high as 85 mph northwest of Karnes Station in Canadian County. Wind damage was widespread, particularly in Oklahoma County. See following individual Storm Data entries for further details and additional reports.

#### Caddo County

2 N Cyril

**02 1725CST** **0** **0** **5.5K** **Thunderstorm Wind (G65)**

Severe thunderstorm winds estimated at 75 mph blew over a large tree, snapped a few telephone poles, destroyed a barn, and blew shingles off houses.

#### Canadian County

9 NW Karnes Station

**02 1745CST** **0** **0** **Thunderstorm Wind (G74)**

Severe thunderstorm winds estimated at 85 mph downed trees as large as 4 feet in diameter.

#### Canadian County

9 NW Karnes Station

**02 1745CST** **0** **0** **Hail (0.75)**

#### Oklahoma County

Oklahoma City

**02 1750CST** **0** **0** **Thunderstorm Wind (G61)**

at the intersection of Wilshire and Kelly Roads

#### Oklahoma County

Oklahoma City

**02 1750CST** **0** **0** **Hail (0.88)**

at the intersection of Wilshire and Kelly Roads

#### Oklahoma County

Oklahoma City

**02 1800CST** **0** **0** **Hail (1.00)**

#### Oklahoma County

Oklahoma City

**02 1802CST** **0** **0** **Thunderstorm Wind**

A 2-foot diameter tree was blown down at NW 50th and Rockwell.

#### Oklahoma County

Oklahoma City

**02 1815CST** **0** **0** **2M** **Thunderstorm Wind**  
**1845CST**

A severe thunderstorm moved through the Oklahoma City metro area, producing strong and damaging winds. At least 4000



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

### OKLAHOMA, Western, Central and Southeast

people in the metro area lost power due to the strong winds during the peak of the storm, with the most damage in Bethany, Warr Acres, and northwest Oklahoma City between Memorial Road and NW 38th west of Western Avenue. The Daily Oklahoman Newspaper reported an estimated \$2 million in damage.

A damage survey was conducted by an experienced spotter the day after the storm, mainly over a nine-square-mile area bounded by 36th Street, Rockwell Avenue, Wilshire Boulevard, and Portland Avenue. The survey revealed that most of this area had received winds between 55 and 65 mph with considerable tree damage.

Within this broad area of damage, two distinct downburst centers were apparent, one just west of Portland between NW 50th Street and NW 63rd Street and the other just west of MacArthur and just north of NW 63rd Street. Wind speeds near both of these centers were estimated at 75 to 85 mph.

Minor roof damage was widespread, with major damage at several locations. Roofs were blown off of apartment buildings at the Westpointe Apartments on Lyrewood Lane. Roofs were also removed from a building at nearby Knight Lake Apartments and a laundry room at Swan Lake Apartments. Severe thunderstorm winds destroyed roofs on an office building at 8200 N. Classen and a small building at 3737 NW 50th.

Other structural damage included a wall that caved in at a carpet store at 5858 NW 50th and a trailer that was overturned along the southbound Broadway Extension south of Wilshire Boulevard. Plate glass windows were blown out of several stores on the north side of a strip shopping center.

One tree blown down by the strong winds blocked traffic along NW 39th and Meridian Avenue, and another tree was blown over across Wilshire Blvd. and Santa Fe Avenue. The severe winds blew down large tree limbs and scattered them throughout the area.

|   |                                       |                                  |  |  |          |          |              |  |                                |
|---|---------------------------------------|----------------------------------|--|--|----------|----------|--------------|--|--------------------------------|
| <b>Cleveland County</b><br>Slaughterville   | <b>02</b>                             | <b>1915CST</b>                   |  |  | <b>0</b> | <b>0</b> | <b>0.50K</b> |  | <b>Thunderstorm Wind</b>       |
| Electrical lines were blown down by the strong winds.   |                                       |                                  |  |  |          |          |              |  |                                |
| <b>Cleveland County</b><br>5 NE Noble   | <b>02</b>                             | <b>2000CST</b>                   |  |  | <b>0</b> | <b>0</b> | <b>0.50K</b> |  | <b>Thunderstorm Wind</b>       |
| Several power lines and 2 utility poles were blown down.  |                                       |                                  |  |  |          |          |              |  |                                |
| <b>Oklahoma County</b><br>Oklahoma City   | <b>02</b>                             | <b>2150CST</b>                   |  |  | <b>0</b> | <b>0</b> |              |  | <b>Thunderstorm Wind (G52)</b> |
| Near NW 50th and Broadway several trees were downed by strong winds, some as large as 8 inches in diameter. Also, power was out in some areas for more than two hours.  |                                       |                                  |  |  |          |          |              |  |                                |
| <b>OKZ041-046</b>   | <b>Murray - Carter</b>                |                                  |  |  |          |          |              |  | <b>Summary Of July 3</b>       |
|   | <b>03</b>                             | <b>1505CST</b><br><b>1645CST</b> |  |  | <b>0</b> | <b>0</b> |              |  |                                |
| Severe thunderstorms in south central Oklahoma produced hail as large as golf balls near Wilson and severe winds that damaged trees in Healdton in Carter County. See following individual Storm Data entries for further details and additional reports. |                                       |                                  |  |  |          |          |              |  |                                |
| <b>Carter County</b><br>Healdton  | <b>03</b>                             | <b>1510CST</b>                   |  |  | <b>0</b> | <b>0</b> | <b>0.01K</b> |  | <b>Thunderstorm Wind</b>       |
| Severe thunderstorm winds split several trees throughout Healdton.  |                                       |                                  |  |  |          |          |              |  |                                |
| <b>Carter County</b><br>2 N Wilson  | <b>03</b>                             | <b>1528CST</b>                   |  |  | <b>0</b> | <b>0</b> |              |  | <b>Hail (1.75)</b>             |
| Quarter to golf ball sized hail covered the ground up to 2 inches deep and stripped many trees of their leaves.   |                                       |                                  |  |  |          |          |              |  |                                |
| <b>Murray County</b><br>Sulphur   | <b>03</b>                             | <b>1644CST</b>                   |  |  | <b>0</b> | <b>0</b> |              |  | <b>Hail (0.88)</b>             |
| <b>Atoka County</b><br>5 E Stringtown   | <b>04</b>                             | <b>1615CST</b>                   |  |  | <b>0</b> | <b>0</b> |              |  | <b>Hail (0.75)</b>             |
| <b>Stephens County</b><br>Duncan  | <b>07</b>                             | <b>2300CST</b>                   |  |  | <b>0</b> | <b>0</b> |              |  | <b>Lightning</b>               |
| Lightning struck and set fire to a house, setting it on fire. The house burned completely to the ground. A 14-year old child died in the fire.  |                                       |                                  |  |  |          |          |              |  |                                |
| <b>OKZ024&gt;025-031</b>  | <b>Canadian - Oklahoma - Seminole</b> |                                  |  |  |          |          |              |  | <b>Summary Of July 11</b>      |
|   | <b>11</b>                             | <b>0055CST</b><br><b>1300CST</b> |  |  | <b>0</b> | <b>0</b> |              |  |                                |
| Repeated heavy rainfall over portions of central Oklahoma resulted in flash flooding in the Oklahoma City metro area and in Seminole County. See following individual Storm Data entries for further details and additional reports.                      |                                       |                                  |  |  |          |          |              |  |                                |



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

### OKLAHOMA, Western, Central and Southeast

#### Oklahoma County

|   |    |                    |  |  |   |   |  |  |                    |
|---|----|--------------------|--|--|---|---|--|--|--------------------|
| Oklahoma City   | 11 | 0100CST<br>0600CST |  |  | 0 | 0 |  |  | <b>Flash Flood</b> |
| <p>Numerous streets were closed across southwestern, western, and northern portions of Oklahoma City due to high water. Reno was closed near MacArthur and Rockwell, the intersection of Reno and Council Roads was closed, and 36th was closed near Broadway. At NE 36th and Midwest Boulevard, the road was blocked by 2 stalled cars. The bridge at Cimarron Road and NW 10th between Yukon and El Reno was also closed due to high water.</p> |    |                    |  |  |   |   |  |  |                    |

#### Canadian County

|  |    |                    |  |  |   |   |  |  |                    |
|--|----|--------------------|--|--|---|---|--|--|--------------------|
| Yukon  | 11 | 0530CST<br>1300CST |  |  | 0 | 0 |  |  | <b>Flash Flood</b> |
| <p>Due to the high water, Highway 4 was closed at Wagner Road.</p> |    |                    |  |  |   |   |  |  |                    |

#### Seminole County

|  |    |         |  |  |   |   |  |  |                    |
|--|----|---------|--|--|---|---|--|--|--------------------|
| Seminole   | 11 | 0610CST |  |  | 0 | 0 |  |  | <b>Flash Flood</b> |
| <p>Portions of HWY 3E were under water between Seminole and Bowlegs; numerous streets were closed in Seminole.</p> |    |         |  |  |   |   |  |  |                    |

#### Canadian County

|  |    |         |  |  |   |   |  |  |                    |
|--|----|---------|--|--|---|---|--|--|--------------------|
| 1 E Yukon  | 11 | 1000CST |  |  | 0 | 0 |  |  | <b>Flash Flood</b> |
| <p>The road was washed out at North 50th street and Morgan Road.</p> |    |         |  |  |   |   |  |  |                    |

#### Seminole County

|   |    |         |  |  |   |   |  |  |                    |
|---|----|---------|--|--|---|---|--|--|--------------------|
| Seminole  | 13 | 0900CST |  |  | 0 | 0 |  |  | <b>Flash Flood</b> |
| <p>Heavy rains flooded the Seminole Municipal Park, completely submerging the baseball fields and drainage ditches. An old oil storage tank was washed away by flash flood waters into a swollen creek.</p> |    |         |  |  |   |   |  |  |                    |

#### Woods County

|          |    |         |  |  |   |   |  |  |                    |
|----------|----|---------|--|--|---|---|--|--|--------------------|
| 1 S Alva | 21 | 1645CST |  |  | 0 | 0 |  |  | <b>Hail (0.75)</b> |
|----------|----|---------|--|--|---|---|--|--|--------------------|

#### OKZ007>008-013-019-025

|   |    |                    |  |  |   |   |  |  |                           |
|---|----|--------------------|--|--|---|---|--|--|---------------------------|
| <b>Grant - Kay - Noble - Logan - Oklahoma</b>   |    |                    |  |  |   |   |  |  |                           |
|   | 22 | 1755CST<br>2000CST |  |  | 0 | 0 |  |  | <b>Summary Of July 22</b> |
| <p>Severe thunderstorms in north central and central Oklahoma produced wind gusts up to 62 mph, measured at the Oklahoma Mesonet site near Red Rock in Noble County. Severe winds also damaged a mobile home in Logan County and downed tree limbs throughout the region. See following individual Storm Data entries for further details and additional reports.</p> |    |                    |  |  |   |   |  |  |                           |

#### Grant County

|   |    |         |  |  |   |   |       |  |                          |
|---|----|---------|--|--|---|---|-------|--|--------------------------|
| 6 NNE Medford   | 22 | 1800CST |  |  | 0 | 0 | 0.01K |  | <b>Thunderstorm Wind</b> |
| <p>Severe thunderstorm winds blew down 4-inch tree limbs.</p> |    |         |  |  |   |   |       |  |                          |

#### Kay County

|           |    |         |  |  |   |   |  |  |                                |
|-----------|----|---------|--|--|---|---|--|--|--------------------------------|
| Blackwell | 22 | 1840CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind (G52)</b> |
|-----------|----|---------|--|--|---|---|--|--|--------------------------------|

#### Noble County

|  |    |         |  |  |   |   |  |  |                                |
|--|----|---------|--|--|---|---|--|--|--------------------------------|
| 7 SSE Red Rock                               | 22 | 1900CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind (G54)</b> |
| <p>measured at the Oklahoma Mesonet site</p> |    |         |  |  |   |   |  |  |                                |

#### Kay County

|           |    |         |  |  |   |   |  |  |                                |
|-----------|----|---------|--|--|---|---|--|--|--------------------------------|
| Blackwell | 22 | 1901CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind (G52)</b> |
|-----------|----|---------|--|--|---|---|--|--|--------------------------------|

#### Logan County

|  |    |         |  |  |   |   |       |  |                                |
|--|----|---------|--|--|---|---|-------|--|--------------------------------|
| Crescent   | 22 | 1910CST |  |  | 0 | 0 | 0.50K |  | <b>Thunderstorm Wind (G52)</b> |
| <p>Severe thunderstorm winds estimated at 60 mph caused minor damage to a mobile home.</p> |    |         |  |  |   |   |       |  |                                |

#### Oklahoma County

|   |    |         |  |  |   |   |  |  |                          |
|---|----|---------|--|--|---|---|--|--|--------------------------|
| Edmond  | 22 | 2000CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind</b> |
| <p>Severe thunderstorm winds downed branches, causing a power outage that lasted for about 6 hours.</p> |    |         |  |  |   |   |  |  |                          |

#### OKZ004-009>010-015-021-034-036

|   |    |         |  |  |   |   |  |  |                           |
|---|----|---------|--|--|---|---|--|--|---------------------------|
| <b>Harper - Ellis - Woodward - Dewey - Beckham - Greer - Jackson</b>  |    |         |  |  |   |   |  |  |                           |
|   | 23 | 2155CST |  |  | 0 | 0 |  |  | <b>Summary July 23-24</b> |
|   | 24 | 0205CST |  |  | 0 | 0 |  |  |                           |
| <p>Severe thunderstorms from the late evening of the 23rd to early morning of the 24th produced severe and damaging winds across portions of western Oklahoma. The strongest winds, with gusts of 71 mph, were measured in Gage in Ellis County and at the Oklahoma Mesonet site near Buffalo in Harper County. Several other estimates of wind gusts near 70 mph were received from other locations in western Oklahoma.</p> |    |         |  |  |   |   |  |  |                           |



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

### OKLAHOMA, Western, Central and Southeast

Major damage was reported near Shattuck and Arnett in Ellis County, and moderate to minor damage occurred near Buffalo in Harper County, Woodward in Woodward County, Sayre in Beckham County, Vici in Dewey County, and Mangum in Greer County.

See following individual Storm Data reports for further details and additional reports.

#### Harper County

|                |    |         |  |  |   |   |  |  |                          |
|----------------|----|---------|--|--|---|---|--|--|--------------------------|
| <b>Laverne</b> | 23 | 2200CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind</b> |
|----------------|----|---------|--|--|---|---|--|--|--------------------------|

Severe thunderstorm winds snapped three utility poles just south of Laverne.

#### Harper County

|                         |    |         |  |  |   |   |  |  |                                |
|-------------------------|----|---------|--|--|---|---|--|--|--------------------------------|
| .5 SW Buffalo (Mesonet) | 23 | 2325CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind (G56)</b> |
|-------------------------|----|---------|--|--|---|---|--|--|--------------------------------|

#### Harper County

|                         |    |         |  |  |   |   |  |  |                                |
|-------------------------|----|---------|--|--|---|---|--|--|--------------------------------|
| .5 SW Buffalo (Mesonet) | 23 | 2330CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind (G62)</b> |
|-------------------------|----|---------|--|--|---|---|--|--|--------------------------------|

#### Harper County

|                         |    |         |  |  |   |   |  |  |                                |
|-------------------------|----|---------|--|--|---|---|--|--|--------------------------------|
| .5 SW Buffalo (Mesonet) | 23 | 2335CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind (G54)</b> |
|-------------------------|----|---------|--|--|---|---|--|--|--------------------------------|

#### Harper County

|                         |    |         |  |  |   |   |  |  |                                |
|-------------------------|----|---------|--|--|---|---|--|--|--------------------------------|
| .5 SW Buffalo (Mesonet) | 23 | 2340CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind (G51)</b> |
|-------------------------|----|---------|--|--|---|---|--|--|--------------------------------|

#### Ellis County

|                 |    |         |  |  |   |   |      |  |                                |
|-----------------|----|---------|--|--|---|---|------|--|--------------------------------|
| <b>Shattuck</b> | 24 | 0010CST |  |  | 0 | 0 | 300K |  | <b>Thunderstorm Wind (G61)</b> |
|-----------------|----|---------|--|--|---|---|------|--|--------------------------------|

Severe thunderstorm winds estimated at 70 mph caused major damage in and around Shattuck. Numerous large trees were split, snapped, or uprooted. A brick wall was blown down, and plate glass windows were blown out of a car dealership in Shattuck. The Shattuck Golf Club had the roof torn off the clubhouse and a shed containing golf carts was blown apart. Countless fences and tree limbs throughout town were blown down. Just west of Shattuck, Braum's Farms suffered extensive damage to hay barns and irrigation systems. Other farms, particularly to the west and south of Shattuck, sustained similar damage to outbuildings and irrigation systems.

#### Ellis County

|              |    |         |  |  |   |   |  |  |                                |
|--------------|----|---------|--|--|---|---|--|--|--------------------------------|
| 8 WSW Arnett | 24 | 0015CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind (G57)</b> |
|--------------|----|---------|--|--|---|---|--|--|--------------------------------|

measured at the Oklahoma Mesonet site

#### Ellis County

|             |    |         |  |  |   |   |  |  |                                |
|-------------|----|---------|--|--|---|---|--|--|--------------------------------|
| <b>Gage</b> | 24 | 0019CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind (G62)</b> |
|-------------|----|---------|--|--|---|---|--|--|--------------------------------|

#### Harper County

|                |    |         |  |  |   |   |     |  |                          |
|----------------|----|---------|--|--|---|---|-----|--|--------------------------|
| <b>Buffalo</b> | 24 | 0025CST |  |  | 0 | 0 | 10K |  | <b>Thunderstorm Wind</b> |
|----------------|----|---------|--|--|---|---|-----|--|--------------------------|

Severe thunderstorm winds blew down many tree limbs and split several trees. A storage building was destroyed and 1/3 of a mobile home roof was torn off by the strong winds.

#### Ellis County

|               |    |                    |  |  |   |   |     |  |                          |
|---------------|----|--------------------|--|--|---|---|-----|--|--------------------------|
| <b>Arnett</b> | 24 | 0045CST<br>0130CST |  |  | 0 | 0 | 50K |  | <b>Thunderstorm Wind</b> |
|---------------|----|--------------------|--|--|---|---|-----|--|--------------------------|

Severe thunderstorm winds caused major damage in the Arnett area. Throughout the area numerous trees were broken or uprooted, small sheds were damaged or destroyed, and windows were broken out of homes and barns. At a residence just south of town, a stock trailer, a barn, and a grain bin were destroyed and several windows were blown out of the house. Arnett Public Schools reported that the roof from the high school auditorium and the swimming pool building were partially blown off, and the top portion of the north wall of the Technical Education building was blown in. Numerous power lines and trees were also downed.

#### Dewey County

|               |    |         |  |  |   |   |  |  |                                |
|---------------|----|---------|--|--|---|---|--|--|--------------------------------|
| <b>Leedey</b> | 24 | 0055CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind (G61)</b> |
|---------------|----|---------|--|--|---|---|--|--|--------------------------------|

reported by the Leedey Fire Department

#### Woodward County

|                 |    |         |  |  |   |   |  |  |                                |
|-----------------|----|---------|--|--|---|---|--|--|--------------------------------|
| <b>Woodward</b> | 24 | 0100CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind (G61)</b> |
|-----------------|----|---------|--|--|---|---|--|--|--------------------------------|

Severe thunderstorm winds estimated at 70 mph downed numerous tree limbs up to 1.5 feet in diameter.

#### Beckham County

|              |    |         |  |  |   |   |  |  |                                |
|--------------|----|---------|--|--|---|---|--|--|--------------------------------|
| <b>Sayre</b> | 24 | 0115CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind (G61)</b> |
|--------------|----|---------|--|--|---|---|--|--|--------------------------------|

Several 4-5 inch tree limbs were blown down by winds estimated at 70 mph.

#### Dewey County

|             |    |         |  |  |   |   |     |  |                          |
|-------------|----|---------|--|--|---|---|-----|--|--------------------------|
| <b>Vici</b> | 24 | 0145CST |  |  | 0 | 0 | 10K |  | <b>Thunderstorm Wind</b> |
|-------------|----|---------|--|--|---|---|-----|--|--------------------------|

Severe thunderstorm winds uprooted trees throughout Vici. Another tree was split by the winds and fell onto 2 houses. Awnings



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

### OKLAHOMA, Western, Central and Southeast

were torn off and blown a block away, where they landed on a gas meter and destroyed it. A trampoline was lifted over a fence, carried 1.4 miles, and thrown into a creek.

#### Greer County

|               |    |         |  |  |   |   |  |  |                                |
|---------------|----|---------|--|--|---|---|--|--|--------------------------------|
| <b>Mangum</b> | 24 | 0200CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind (G52)</b> |
|---------------|----|---------|--|--|---|---|--|--|--------------------------------|

Strong winds knocked down power lines.

#### Dewey County

|             |    |         |  |  |   |   |    |  |                          |
|-------------|----|---------|--|--|---|---|----|--|--------------------------|
| <b>Vici</b> | 24 | 0200CST |  |  | 0 | 0 | 1K |  | <b>Thunderstorm Wind</b> |
|-------------|----|---------|--|--|---|---|----|--|--------------------------|

An awning was blown down by severe thunderstorm winds.

#### Jackson County

|              |    |         |  |  |   |   |  |  |                                |
|--------------|----|---------|--|--|---|---|--|--|--------------------------------|
| <b>Altus</b> | 24 | 0205CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind (G50)</b> |
|--------------|----|---------|--|--|---|---|--|--|--------------------------------|

#### Alfalfa County

|                  |    |         |  |  |   |   |  |  |                    |
|------------------|----|---------|--|--|---|---|--|--|--------------------|
| <b>Driftwood</b> | 26 | 0630CST |  |  | 0 | 0 |  |  | <b>Flash Flood</b> |
|------------------|----|---------|--|--|---|---|--|--|--------------------|

The sheriff reported that Highway 58 north of Driftwood was flooded.

#### Alfalfa County

|                            |    |         |  |  |   |   |  |  |                    |
|----------------------------|----|---------|--|--|---|---|--|--|--------------------|
| <b>Byron And Driftwood</b> | 26 | 0745CST |  |  | 0 | 0 |  |  | <b>Flash Flood</b> |
|----------------------------|----|---------|--|--|---|---|--|--|--------------------|

Up to 8 inches of rain fell in northern Alfalfa County early the morning of the 26th and caused flash flooding throughout much of northern Alfalfa County. The Alfalfa County sheriff reported that Highway 58 and county roads were closed around Byron and Driftwood due to the high water. Highway 11 and county roads were closed east and west of Byron. State Highway 8 was open through Driftwood only to vehicles with high clearance.

Most of the bridges across Medicine River and Little Sand Creek were partially washed out or completely closed. Some dikes on the lower Medicine River were washed out by the flash flooding. The store in Byron had water surging under the door and onto its floor.

#### OKZ025-030-040-046

#### Oklahoma - Pottawatomie - Garvin - Carter

|    |         |         |  |  |   |   |  |  |                           |
|----|---------|---------|--|--|---|---|--|--|---------------------------|
| 26 | 1225CST | 1530CST |  |  | 0 | 0 |  |  | <b>Summary Of July 26</b> |
|----|---------|---------|--|--|---|---|--|--|---------------------------|

Severe thunderstorms in central and south central Oklahoma produced wind gusts estimated to be as high as 70 mph near Shawnee Lake in Pottawatomie County and hail as large as nickels near Ratliff City in Carter County.

Wind damage was reported in Oklahoma County in Bethany and Oklahoma City. See following individual Storm Data entries for further details and additional reports.

#### Oklahoma County

|                      |    |         |  |  |   |   |      |  |                          |
|----------------------|----|---------|--|--|---|---|------|--|--------------------------|
| <b>Oklahoma City</b> | 26 | 1240CST |  |  | 0 | 0 | 200K |  | <b>Thunderstorm Wind</b> |
|----------------------|----|---------|--|--|---|---|------|--|--------------------------|

A supercell thunderstorm with a strong mesocyclone moved through western portions of the Oklahoma City metro area. Wind damage was extensive throughout an area bordered by NW 11th Street, NW 22nd Street, Pennsylvania Avenue, and Portland Avenue.

Severe thunderstorm winds knocked down power lines, uprooted trees, and blew off part of the roof of a warehouse at 201 N Ann Arbor. Debris from the roof broke windows and dented cars in the parking lot. About 25% of the left and center field fences of All Sports Stadium were blown down by the winds and windows in the skyboxes were blown out. The bubble roof on the International Trade Center at the State Fair Grounds collapsed, causing about \$5000 in damage.

Numerous broken limbs as large as 3-feet in diameter were scattered throughout the area. Severe thunderstorm winds downed utility poles and uprooted trees as large as 4 feet in diameter. Details on some of the more major damage follow here.

On NW 13th Street, 3 trees were blown over onto houses, causing roof and window damage. On NW 15th Street 2 large trees were uprooted and a 4.5 foot diameter tree fell onto a garage. On NW 17th Street an awning was blown off a house, a 3-foot tree fell onto power lines, a tree was blown down onto a front porch, and another 3-foot tree fell onto a house, damaging the roof and siding.

On NW 18th Street a 2-foot diameter tree was uprooted. On NW 19th Street 2-3 foot trees were uprooted. On Aurora Court a 4-foot tree was split in half. On Independence a 4.5 foot tree was blown down, knocking down awnings and damaging siding. Another 4-foot tree was uprooted. On Linn a tree limb knocked out windows in a house and a 4-foot tree fell and blocked the road. On Flynn a 3-foot tree was split in half.

#### Oklahoma County

|                |    |         |  |  |   |   |  |  |                          |
|----------------|----|---------|--|--|---|---|--|--|--------------------------|
| <b>Bethany</b> | 26 | 1252CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind</b> |
|----------------|----|---------|--|--|---|---|--|--|--------------------------|

Severe thunderstorm winds blew down a tree at NW 30th and Council Road.

#### Pottawatomie County

|                     |    |         |  |  |   |   |  |  |                                |
|---------------------|----|---------|--|--|---|---|--|--|--------------------------------|
| <b>Shawnee Lake</b> | 26 | 1430CST |  |  | 0 | 0 |  |  | <b>Thunderstorm Wind (G61)</b> |
|---------------------|----|---------|--|--|---|---|--|--|--------------------------------|



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 1996

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

### OKLAHOMA, Western, Central and Southeast

Severe thunderstorm winds estimated at 70 mph blew down several tree limbs.

#### Garvin County

|        |    |         |  |  |   |   |  |  |             |
|--------|----|---------|--|--|---|---|--|--|-------------|
| Foster | 26 | 1447CST |  |  | 0 | 0 |  |  | Hail (0.88) |
|--------|----|---------|--|--|---|---|--|--|-------------|

#### Carter County

|                  |    |         |  |  |   |   |  |  |             |
|------------------|----|---------|--|--|---|---|--|--|-------------|
| 1 S Ratliff City | 26 | 1530CST |  |  | 0 | 0 |  |  | Hail (0.75) |
|------------------|----|---------|--|--|---|---|--|--|-------------|

#### OKZ013>015-020-027 Noble - Roger Mills - Dewey - Payne - Grady

|    |  |         |  |  |   |   |  |  |                    |
|----|--|---------|--|--|---|---|--|--|--------------------|
| 29 |  | 0601CST |  |  | 0 | 0 |  |  | Summary Of July 29 |
|----|--|---------|--|--|---|---|--|--|--------------------|

1950CST

Severe thunderstorms in western, central, and north central Oklahoma produced hail as large as golf balls near Stillwater in Payne County and wind gusts estimated at near 80 mph in Chickasha in Grady County. Major wind damage was reported in and near Chickasha with these winds. See following individual Storm Data entries for further details and additional reports.

#### Roger Mills County

|                 |    |         |  |  |   |   |  |  |                         |
|-----------------|----|---------|--|--|---|---|--|--|-------------------------|
| 5 NW Sweetwater | 29 | 1615CST |  |  | 0 | 0 |  |  | Thunderstorm Wind (G52) |
|-----------------|----|---------|--|--|---|---|--|--|-------------------------|

#### Grady County

|           |    |         |  |  |   |   |       |  |                         |
|-----------|----|---------|--|--|---|---|-------|--|-------------------------|
| Chickasha | 29 | 1645CST |  |  | 0 | 0 | 71.5K |  | Thunderstorm Wind (G70) |
|-----------|----|---------|--|--|---|---|-------|--|-------------------------|

Severe thunderstorm winds estimated at 70 to 80 mph damaged 1 house, one mobile home, and 11 or 12 barns in the Chickasha area. The house had part of its roof blown off by high winds, and the mobile home was damaged when a barn blew into it. Also, around 15 utility poles were snapped by the strong winds.

#### Grady County

|                 |    |         |  |  |   |   |      |  |                   |
|-----------------|----|---------|--|--|---|---|------|--|-------------------|
| 3 ENE Chickasha | 29 | 1650CST |  |  | 0 | 0 | 100K |  | Thunderstorm Wind |
|-----------------|----|---------|--|--|---|---|------|--|-------------------|

Strong winds destroyed a 100x26 foot barn, debris from which damaged a nearby mobile home. Power lines which were downed by the winds caught a house on fire... lines also downed in Chickasha.

#### Roger Mills County

|                  |    |         |  |  |   |   |  |  |             |
|------------------|----|---------|--|--|---|---|--|--|-------------|
| 12 NW Sweetwater | 29 | 1650CST |  |  | 0 | 0 |  |  | Hail (0.75) |
|------------------|----|---------|--|--|---|---|--|--|-------------|

#### Dewey County

|         |    |         |  |  |   |   |  |  |                         |
|---------|----|---------|--|--|---|---|--|--|-------------------------|
| Oakwood | 29 | 1830CST |  |  | 0 | 0 |  |  | Thunderstorm Wind (G52) |
|---------|----|---------|--|--|---|---|--|--|-------------------------|

#### Noble County

|              |    |         |  |  |   |   |  |  |             |
|--------------|----|---------|--|--|---|---|--|--|-------------|
| 10 ESE Perry | 29 | 1950CST |  |  | 0 | 0 |  |  | Hail (1.00) |
|--------------|----|---------|--|--|---|---|--|--|-------------|

#### Payne County

|                  |    |         |  |  |   |   |  |  |             |
|------------------|----|---------|--|--|---|---|--|--|-------------|
| 8 NNW Stillwater | 29 | 1950CST |  |  | 0 | 0 |  |  | Hail (1.75) |
|------------------|----|---------|--|--|---|---|--|--|-------------|

### TEXAS, Western North

#### Wichita County

|             |    |         |  |  |   |   |      |  |                   |
|-------------|----|---------|--|--|---|---|------|--|-------------------|
| Burkburnett | 02 | 1545CST |  |  | 0 | 0 | 500K |  | Thunderstorm Wind |
|-------------|----|---------|--|--|---|---|------|--|-------------------|

Severe thunderstorm winds damaged a chimney and a roof on one house and tore apart a carport. Numerous wooden fences and 2 brick fences were blown down and at least one storage building sustained roof damage. Numerous trees were uprooted and branches were downed. One semi truck was blown over on I-44 near Burkburnett.

#### Wichita County

|             |    |         |  |  |   |   |    |  |                   |
|-------------|----|---------|--|--|---|---|----|--|-------------------|
| Burkburnett | 02 | 1600CST |  |  | 0 | 0 | 2K |  | Thunderstorm Wind |
|-------------|----|---------|--|--|---|---|----|--|-------------------|

A carport roof, a stockade fence, 2 power poles, and some tree limbs were blown down by severe thunderstorm winds.

#### Foard County

|             |    |         |  |  |   |   |  |  |             |
|-------------|----|---------|--|--|---|---|--|--|-------------|
| 7 N Crowell | 26 | 1520CST |  |  | 0 | 0 |  |  | Hail (1.00) |
|-------------|----|---------|--|--|---|---|--|--|-------------|

#### Wilbarger County

|        |    |         |  |  |   |   |  |  |             |
|--------|----|---------|--|--|---|---|--|--|-------------|
| Vernon | 26 | 1630CST |  |  | 0 | 0 |  |  | Hail (0.75) |
|--------|----|---------|--|--|---|---|--|--|-------------|

#### Wichita County

|                 |    |         |  |  |   |   |  |  |             |
|-----------------|----|---------|--|--|---|---|--|--|-------------|
| 2 S Burkburnett | 26 | 1855CST |  |  | 0 | 0 |  |  | Hail (0.75) |
|-----------------|----|---------|--|--|---|---|--|--|-------------|