OKLAHOMA, Western, Central and Southeast

Cleveland County
Norman (Oun)
03 0025CST 0 0 Thunderstorm Wind (G52)
measured at the National Weather Service Forecast Office

Kay County
Newkirk
07 1658CST 0 0 Hail (1.00)

Washita County
Cordell
09 1500CST 0 0 Flash Flood

Washita County
Sentinel
10 1605CST 0 0 2K Thunderstorm Wind
Severe thunderstorm winds destroyed a large shed and downed power poles.

Beckham County
Elk City
10 1915CST 0 0 Flash Flood
Two roads in Elk City were closed due to flash flooding.

Greer County
Mangum
10 2100CST 0 0 100K Lightning
Lightning struck and set fire to a house, destroying the home and its contents.

Kiowa County
Hobart
10 2130CST 0 0 100K Flash Flood
11 0215CST
After 8.6 inches of rain fell in less than 12 hours, portions of Hobart suffered from severe flash flooding. Seven houses and several businesses, including a carpet store, a saloon, and a radio station, were flooded. Two homes in the 700 block of South Monroe were evacuated due to rising water. Numerous roads were covered by flash flood waters, and eight to ten people had to be rescued from their vehicles by emergency personnel.

Jackson County
Altus
10 2154CST 0 0 Thunderstorm Wind (G53)
measured by the Altus EOC

Greer County
7 W Granite to 1 W Granite
10 2200CST 0 0 Flash Flood
11 0630CST
Several roads were flooded, including State Highway 9 from its intersection with US Hwy 283 to just west of Granite.

Greer County
3 N Mangum to 1 N Mangum
10 2200CST 0 0 Flash Flood
11 0630CST
The intersection of US Hwy 283 and State Hwy 9 was flooded and closed.

Tillman County
Manitou
10 2220CST 0 0 0.50K Thunderstorm Wind
Severe thunderstorm winds downed several utility poles.

Custer County
Weatherford
11 0030CST 0 0 20K Lightning
Lightning struck and set fire to the roof of a house, destroying the attic.

Summary of events of August 10, 1997:

Evening thunderstorms moved across western Oklahoma, producing severe winds and flash flooding. Wind speeds were clocked at up to 61 mph in Altus in Jackson County, and wind damage was reported in Sentinel in Washita County and Manitou in Tillman County.

Flash flooding was most extensive in Hobart in Kiowa County, where 8.6 inches of rain fell in less than 12 hours as thunderstorms reformed several times and moved over the same area. Homes, businesses, and streets in Hobart were flooded, numerous cars were stalled in high water, and several people had to be evacuated.

See preceding individual Storm Data entries for further details and additional reports.
OKLAHOMA, Western, Central and Southeast

Caddo County
Apache
Hail (1.75)

Grady County
5 N Pocasset
Thunderstorm Wind (G56)

Several tree limbs up to eight inches in diameter were broken off of trees.

Stephens County
Duncan
Thunderstorm Wind

Severe thunderstorm winds blew the roof off a barn and carried it over a house and onto a road. The roof of the house was severely damaged. Winds also uprooted trees and snapped limbs.

Jackson County
Altus
Lightning

Lightning struck and set fire to a small bar. The fire was quickly contained and damage was limited to an estimated $25,000.

Ellis County
8 WSW Arnett
Thunderstorm Wind (G52)

measured at the Oklahoma Mesonet site

Major County
1 W Fairview
Thunderstorm Wind (G54)

measured at the Oklahoma Mesonet site

Woodward County
6 SE Mutual
Thunderstorm Wind (G53)

measured at the Oklahoma Mesonet site

Woodward County
6 SE Mutual
Thunderstorm Wind (G56)

measured at the Oklahoma Mesonet site

Major County
1 W Fairview
Thunderstorm Wind (G56)

measured at the Oklahoma Mesonet site

Noble County
7 SSE Red Rock
Thunderstorm Wind (G50)

measured at the Oklahoma Mesonet site

Kay County
Countywide
Flash Flood

Water covered the roads at several locations in Kay County.

Summary of events of the evening of August 16, 1997 through the morning of August 17, 1997:

Severe thunderstorms moved from west to east across northern Oklahoma during the afternoon and overnight hours of August 16th. Storms produced severe winds measured at up to 64 mph by the Oklahoma Mesonet sites across the northern portions of Oklahoma.

See preceding individual Storm Data entries for further details and additional reports.
A truck with a trailer of 350 gallons of diesel fuel was blown over by severe thunderstorm winds.

Jefferson County
Addington 17 1629CST 0 0 Hail (0.88)

Jefferson County
Waurika 17 1800CST 0 0 Hail (1.75)

Summary of events of the afternoon of August 17, 1997:

Severe thunderstorms moved near and along the Red River, producing large hail and damaging thunderstorm winds in extreme southern Oklahoma and western parts of north Texas. On the Oklahoma side of the border, the largest hail was reported in Waurika in Jefferson County (where hail as large as golf balls fell), and a truck was blown over by severe thunderstorm winds east of Cookietown in Cotton County.

See preceding individual Storm Data entries for further details and additional reports.

Kay County
Ponca City 18 0825CST 0 0 Flash Flood

The sheriff reported that water covered the highways in several locations across the county.

Murray County
Sulphur 18 1320CST 0 0 Hail (0.75)

occurred at the Chickasaw National Recreation Area

Carter County
2 S Healdton 18 1330CST 0 0 6K Thunderstorm Wind (G57)

Severe thunderstorm winds estimated at 65 mph downed 2 trees and destroyed a few outbuildings.

Murray County
Sulphur 18 1330CST 0 0 0.01K Thunderstorm Wind

Severe thunderstorm winds downed tree limbs in Sulphur.

Johnston County
Mill Creek 18 1340CST 0 0 2.5K Thunderstorm Wind

Siding was blown off of a house, a carport was destroyed, and limbs were snapped by severe thunderstorm winds.

Pontotoc County
7 S Fittstown 18 1340CST 0 0 Hail (0.75)

Murray County
Sulphur 18 1400CST 0 0 Flash Flood

The police department reported that the city park was closed due to high water.

Pontotoc County
7 S Fittstown 18 1420CST 0 0 Hail (0.75)

Murray County
Sulphur 18 1435CST 0 0 Flash Flood

Several areas in the Chickasaw National Recreation Area were closed due to flash flooding.

Coal County
2 E Clarita 18 1525CST 0 0 0.10K Thunderstorm Wind

A three-foot diameter tree was uprooted.

Canadian County
Piedmont 18 1700CST 0 0 Hail (0.75)

Grady County
3 SW Rush Springs 18 1733CST 0 0 Thunderstorm Wind (G61)

Comanche County
Lawton 18 1810CST 0 0 Hail (1.75)

KSWO-TV in Lawton received several reports of golfball-size hail.
OKLAHOMA, Western, Central and Southeast

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Additional observations:
- A tornado was observed east of Eagle City. It remained on the ground for about 3 minutes and caused tree and fence damage for about a half mile. Large trees along this path were uprooted and the tornado was rated F0.
- Numerous 8-12 inch diameter limbs were blown down.
- Tree limbs up to four inches in diameter were blown from trees.
- Severe thunderstorm winds bent road signs over on Highway 33.
- Severe thunderstorm winds completely destroyed a shed and damaged all other buildings on a farm just southeast of Alva.
- Lightning struck and set fire to a house, completely gutting the home.
- A combination of severe thunderstorm winds estimated at 80 mph and 2-inch hail blew out nearly all of the north-facing windows at the Alfalfa County School. Damage to the school was estimated at $25,000, but no injuries occurred since the students and teachers had moved to a storm shelter. Throughout the town of Burlington, trees up to 10 inches in diameter were blown over, power lines were blown down, and numerous homes received roof and window damage from the wind and hail.
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</tbody>
</table>

Severe thunderstorm winds blew an empty cattle tractor-trailer over into a ditch.

Several tree limbs were blown down by severe winds.

Twelve doors were blown off of an airport hangar at Cherokee Municipal Airport. Numerous limbs were also downed in the Cherokee area.
OKLAHOMA, Western, Central and Southeast

measured at the Oklahoma Mesonet site

Custer County
3 W Foss Lake
20 1530CST  0  0  Hail (1.00)

Custer County
3 W Foss Lake
20 1530CST  0  0  Thunderstorm Wind (G61)

Roger Mills County
3 SW Hammon
20 1530CST  0  0  Hail (1.00)

Beckham County
Elk City
20 1553CST  0  0  0.75K  Hail (1.75)
Hail as large as golf balls broke several windows and knocked holes in the siding of a house.

Beckham County
1 N Angora
20 1600CST  0  0  Hail (1.75)

Beckham County
2 E Delhi
20 1620CST  0  0  Hail (0.88)

Beckham County
Elk City
20 1625CST  0  0  1K  Thunderstorm Wind (G61)
Severe thunderstorm winds estimated at 70 mph downed trees, fences, and tree limbs.

Summary of events of August 20, 1997:
Severe thunderstorms moved across northern and western Oklahoma, producing large hail and damaging winds. The town of Burlington in Alfalfa County was particularly hard-hit, as a combination of 2-inch hail and winds estimated at 80 mph caused major damage across the town. Wind damage was also reported west of Ingersoll, in Driftwood, and in Cherokee in Alfalfa County and in Elk City in Beckham County.

See preceding individual Storm Data entries for further details and additional reports.

Alfalfa County
2 W Burlington
22 0045CST  0  0  0.01K  Thunderstorm Wind
Tree limbs up to six inches in diameter were blown from trees.

Grant County
12 NW Medford
22 0050CST  0  0  0.01K  Thunderstorm Wind
Tree limbs up to three inches in diameter were blown from trees.

Woods County
Alva
22 0115CST  0  0  0.01K  Thunderstorm Wind
Tree limbs up to four inches in diameter were blown from trees.

Woods County
Alva
22 0130CST  0  0  0.01K  Thunderstorm Wind
Tree limbs up to ten inches in diameter were blown from trees.

Alfalfa County
7 WNW Cherokee
22 0145CST  0  0  10K  Thunderstorm Wind (G52)
Severe winds estimated at 60 mph ahead of a thunderstorm overturned an empty cattle tractor trailer.

Kay County
Ponca City Arpt
22 0157CST  0  0  Thunderstorm Wind (G52)
measured at the Ponca City airport

Alfalfa County
Goltry
22 0200CST  0  0  0.01K  Thunderstorm Wind
Tree limbs up to four inches in diameter were blown from trees.

Harper County
Laverne
22 0200CST  0  0  0.50K  Thunderstorm Wind (G61)
OKLAHOMA, Western, Central and Southeast

Power lines and tree limbs up to six inches in diameter were blown down. Part of a roof was blown off of a building.

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Character of Storm</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>Major County</td>
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<td>22 0200CST</td>
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<tr>
<td>Harper County</td>
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<td>22 0215CST</td>
</tr>
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<td>Woods County</td>
<td>8 NE Lookout</td>
<td>22 0215CST</td>
</tr>
<tr>
<td>Woodward County</td>
<td>Woodward</td>
<td>22 0215CST</td>
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<tr>
<td>Noble County</td>
<td>Perry</td>
<td>22 0230CST</td>
</tr>
<tr>
<td>Dewey County</td>
<td>4 WNW Camargo</td>
<td>22 0245CST</td>
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<td>3 N Putnam</td>
<td>22 0300CST</td>
</tr>
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<td>Weatherford</td>
<td>22 0310CST</td>
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<tr>
<td>Custer County</td>
<td>4 WSW Weatherford</td>
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<td>Washita County</td>
<td>4 WNW Bessie</td>
<td>22 0335CST</td>
</tr>
<tr>
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<td>4 WNW Bessie</td>
<td>22 0340CST</td>
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<td>Washita County</td>
<td>1 W Cordell</td>
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<td>Kiowa County</td>
<td>Hobart</td>
<td>22 0409CST</td>
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<tr>
<td>Caddo County</td>
<td>4 NNW Fort Cobb</td>
<td>22 0410CST</td>
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Location Date Character of Storm

Power lines and tree limbs up to six inches in diameter were blown down. Part of a roof was blown off of a building.

- Major County 3 S Isabella 22 0200CST 0 0 0.10K Thunderstorm Wind
- Major County Isabella 22 0200CST 0 0 0.01K Thunderstorm Wind (G56)
- Harper County May 22 0215CST 0 0 2K Thunderstorm Wind
- Woods County 8 NE Lookout 22 0215CST 0 0 0.01K Thunderstorm Wind
- Woodward County Woodward 22 0215CST 0 0 75K Thunderstorm Wind
- Noble County Perry 22 0230CST 0 0 0.01K Thunderstorm Wind
- Dewey County 4 WNW Camargo 22 0245CST 0 0 Thunderstorm Wind (G62)
- Dewey County 3 N Putnam 22 0300CST 0 0 Thunderstorm Wind (G54)
- Custer County Weatherford 22 0310CST 0 0 25K Thunderstorm Wind
- Custer County 4 WSW Weatherford 22 0330CST 0 0 Thunderstorm Wind (G58)
- Washita County 4 WNW Bessie 22 0335CST 0 0 Thunderstorm Wind (G73)
- Washita County 4 WNW Bessie 22 0340CST 0 0 Thunderstorm Wind (G50)
- Washita County 1 W Cordell 22 0345CST 0 0 0.50K Thunderstorm Wind
- Kiowa County Hobart 22 0409CST 0 0 Thunderstorm Wind (G51)
- Caddo County 4 NNW Fort Cobb 22 0410CST 0 0 Thunderstorm Wind (G60)
OKLAHOMA, Western, Central and Southeast

Caddo County

Carnegie 22 0415 CST 0 0 50K Thunderstorm Wind
Severe thunderstorm winds removed part of the roof from a junior high school, tossed an irrigation system across a field, snapped utility poles, and severely damaged a business.

Ft Cobb 22 0415 CST 0 0 12K Thunderstorm Wind
Severe thunderstorm winds snapped trees and large limbs and turned a large storage building on its side.

Anadarko 22 0420 CST 0 0 1K Thunderstorm Wind
Severe thunderstorm winds uprooted trees, snapped large limbs, and tossed a trampoline onto a truck windshield.

Cyril 22 0430 CST 0 0 1K Thunderstorm Wind
Severe thunderstorm winds knocked down 3/4 of a brick wall at an elementary school.

Lawton 22 0430 CST 0 0 25K Thunderstorm Wind
Severe thunderstorm winds downed power lines, limbs, and trees throughout Lawton and Fort Sill. Windows were also blown out on Fort Sill.

Comanche County

3 W Medicine Park 22 0440 CST 0 0 Thunderstorm Wind (G52)
measured at the Oklahoma Mesonet site

3 W Medicine Park 22 0445 CST 0 0 Thunderstorm Wind (G52)
measured at the Oklahoma Mesonet site

3 W Medicine Park 22 0455 CST 0 0 Thunderstorm Wind (G53)
measured at the Oklahoma Mesonet site

Grady County

2 NNW Ninnekah 22 0500 CST 0 0 Thunderstorm Wind (G50)
measured at the Oklahoma Mesonet site

4 WNW Rush Springs 22 0500 CST 0 0 Thunderstorm Wind (G67)
measured at the Oklahoma Mesonet site

Lawton 22 0511 CST 0 0 Thunderstorm Wind (G56)

4 WNW Rush Springs 22 0515 CST 0 0 Thunderstorm Wind (G54)
measured at the Oklahoma Mesonet site

Chickasha 22 0520 CST 0 0 50K Thunderstorm Wind
Severe thunderstorm winds blew 2/3 of the roof off a convenience store, flipped a travel trailer onto a car, lifted another trailer and blew it onto a fence, and blew the roofs off several barns.

Stephens County

1 NE Marlow 22 0522 CST 0 0 Thunderstorm Wind (G65)

Marlow 22 0530 CST 0 0 0.50K Thunderstorm Wind
Trees and power lines were blown down.
OKLAHOMA, Western, Central and Southeast

Tillman County
Grandfield

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Path Length</th>
<th>Path Width</th>
<th>Number of Persons Killed</th>
<th>Number of Persons Injured</th>
<th>Estimated Damage Property</th>
<th>Character of Storm</th>
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</table>

Severe thunderstorm winds downed tree limbs.

Stephens County
1 NE Marlow

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Path Length</th>
<th>Path Width</th>
<th>Number of Persons Killed</th>
<th>Number of Persons Injured</th>
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<th>Character of Storm</th>
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Thunderstorm Wind (G65)

Garvin County
4 SW Lindsay

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<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Path Length</th>
<th>Path Width</th>
<th>Number of Persons Killed</th>
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Tree limbs up to four inches in diameter were blown from trees.

Jefferson County
1 N Ringling

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<tr>
<th>Location</th>
<th>Date</th>
<th>Time</th>
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measured at the Oklahoma Mesonet site

Carter County
5 SW Wilson

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Winds blew over a swingset and blew tree limbs up to two inches in diameter from trees. Shingles were also blown off of homes.

Summary of events of the very early morning hours of August 22, 1997:

A cluster of severe thunderstorms moved rapidly south out of southern Kansas and into northern Oklahoma shortly after midnight (CST) on the 22nd. The storms moved almost due south across the western portions of Oklahoma during the early morning hours, leaving a trail of severe wind damage in their wake. The highest measured wind speed reached 84 mph, measured at the Oklahoma Mesonet site near Bessie in Washita County. Reports of tree, limb, fence, sign, and power line damage were common, stretching from Harper to Kay County along the Oklahoma/Kansas border and then southward across the state to as far south as Tillman and Carter Counties in extreme southern Oklahoma. Structural wind damage was reported near Cherokee in Alfalfa County, in Laverne and May in Harper County, in Woodward in Woodward County, in Carnegie, Cyril, and Fort Cobb in Caddo County, in Fort Sill in Comanche County, in Chickasha in Grady County, and near Wilson in Carter County.

See preceding individual Storm Data entries for further details and additional reports.

TEXAS, Western North

Hardeman County
3 SW Chillicothe

<table>
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<tr>
<th>Location</th>
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<th>Time</th>
<th>Path Length</th>
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Tree limbs ranging from eight to ten inches in diameter blocked numerous roads between Chillicothe and Medicine Mound.

Clay County
Henrietta

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<tr>
<th>Location</th>
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<th>Time</th>
<th>Path Length</th>
<th>Path Width</th>
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<th>Number of Persons Injured</th>
<th>Estimated Damage Property</th>
<th>Character of Storm</th>
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<td>0</td>
<td>0.50K</td>
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Severe thunderstorm winds blew down power lines and numerous tree limbs.

Wichita County
3 W Burburnett

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<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Path Length</th>
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<th>Number of Persons Killed</th>
<th>Number of Persons Injured</th>
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<th>Character of Storm</th>
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Severe winds knocked a tractor trailer over on Highway 287.

Wichita County
Iowa Park

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<th>Path Width</th>
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Clay County
Henrietta

<table>
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<th>Path Width</th>
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<td>10K</td>
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</table>

A trailer was blown over by severe thunderstorm winds.

Clay County
6 NW Henrietta

<table>
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<th>Location</th>
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<th>Time</th>
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<th>Path Width</th>
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Severe thunderstorm winds destroyed a mobile home.
Severe thunderstorms moved along and south of the Red River, producing large hail, damaging thunderstorm winds, and two tornadoes in western parts of north Texas. The tornadoes were observed south of Windthorst in Archer County. No damage was reported and both were rated at F0.

The largest hail was reported near Harrold in Wilbarger County, where hail reached the size of golf balls.

The most significant wind damage occurred in Clay County, where severe thunderstorm winds caused major damage to a group of houses and barns and then derailed a freight train near Jolly. Significant wind damage was also reported in the Henrietta area of Clay County and in Iowa park in Wichita County.

See preceding individual Storm Data entries for further details and additional reports.
### TEXAS, Western North

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