OKLAHOMA, Western, Central and Southeast

Canadian County
  Calumet  08  1630CST  0  0  Thunderstorm Wind (G65)

Caddo County
  5 N Alfalfa  08  1635CST  0  0  Hail (1.00)

Jefferson County
  Addington  08  1728CST  0  0  Hail (1.75)

Noble County
  5 SE Billings to 7 SE Billings  08  1731CST  2  50  0  0  Tornado (F0)
  A tornado was observed by spotters. No damage was reported.

Canadian County
  4 N Piedmont  08  1740CST  0  0  Hail (0.75)

Canadian County
  4 N Piedmont  08  1752CST  0  0  Thunderstorm Wind (G59)

Logan County
  Meridian  08  1800CST  0  0  0.01K  Thunderstorm Wind
  Severe thunderstorm winds blew down several tree limbs.

Kay County
  4 W White Eagle  08  1810CST  0  0  10K  Thunderstorm Wind
  A barn was destroyed by severe thunderstorm winds.

Logan County
  9 S Coyle  08  1815CST  0.5  25  0  0  25K  Tornado (F1)
  A tornado destroyed a barn and outbuildings.

Oklahoma County
  Oklahoma City  08  1815CST  0  0  Hail (0.88)
  occurred at 192nd and County Line Road

Oklahoma County
  Oklahoma City  08  1818CST  0  0  Hail (1.00)
  occurred at NW 113th and Council Road

Oklahoma County
  Oklahoma City  08  1827CST  0  0  Hail (1.75)
  occurred at NW 113th and Council Road

Oklahoma County
  Oklahoma City  08  1832CST  0  0  Hail (1.75)
  occurred at the intersection of Memorial and MacArthur Road

Oklahoma County
  Edmond  08  1856CST  0  0  Hail (0.88)
  occurred at the intersection of Eastern and Memorial Road

Oklahoma County
  Oklahoma City  08  1905CST  0  0  Thunderstorm Wind (G52)
  Severe thunderstorm winds reached 60 mph at Memorial Road and I-35.

Lincoln County
  4 S Perkins  08  1907CST  0  0  0.10K  Thunderstorm Wind
  Strong winds uprooted a one-foot diameter tree, which then fell onto the porch of a local resident.

Payne County
  Perkins  08  1908CST  0  0  Hail (0.75)
OKLAHOMA, Western, Central and Southeast

Payne County
Perkins
08 1908CST 0 0 Thunderstorm Wind (G69)
Severe thunderstorm winds were estimated at 70 to 80 mph.

Oklahoma County
Oklahoma City
08 1930CST 0 0 Hail (0.88)
ocurred at I-35 and Waterloo Road

Payne County
1 N Coyle
08 1930CST 0 0 5K Thunderstorm Wind
Severe thunderstorm winds damaged outbuildings near Highway 33 in the southwest part of Payne County.

Caddo County
2 W Cyril
08 1957CST 0 0 Hail (0.88)

Lincoln County
Chandler
08 2014CST 0 0 1K Thunderstorm Wind
Severe thunderstorm winds downed numerous large tree limbs in the Chandler area. One large limb fell onto and damaged a pick-up truck.

Logan County
6 E Guthrie
08 2030CST 0 0 0.01K Thunderstorm Wind
Severe thunderstorm winds blew the roof off a barn and downed trees.

Lincoln County
Wellston
08 2145CST 0 0 Hail (0.88)

Oklahoma County
Edmond
08 2205CST 0 0 Hail (1.00)
ocurred at the intersection of 33RD and Santa Fe

Grady County
Rush Springs
08 2225CST 0 0 Hail (0.75)

Lincoln County
Chandler
08 2230CST 0 0 20K Lightning
Lightning struck and set fire to a rural Chandler home. Damage was estimated at $20,000.

Oklahoma County
Edmond
08 2230CST 0 0 0.01K Thunderstorm Wind
Severe thunderstorm winds downed numerous limbs to the south and west of Edmond.

Comanche County
4 E Elgin
08 2300CST 0 0 0.01K Thunderstorm Wind
Strong winds blew 8-10 inch diameter limbs from trees.

Lincoln County
4 S Stroud
08 2315CST 0 0 25K Lightning
Lightning struck a crude oil tank, causing an explosion and blowing the tank off its base. The resulting fire destroyed a nearby small office.

Stephens County
Marlow
08 2320CST 0 0 0.01K Thunderstorm Wind
Severe thunderstorm winds blew limbs from trees.

Comanche County
Elgin
08 2330CST 0 0 Flash Flood
Several county roads and bridges in northeastern Comanche County were washed out by flash flood waters.

Summary of events of October 8, 1997:
OKLAHOMA, Western, Central and Southeast

A line of severe thunderstorms developed and moved across western and central Oklahoma during the evening, producing large hail, damaging winds, and 2 tornadoes.

The first tornado was observed southeast of billings in Noble County. No damage occurred, and the tornado was rated F0. The second tornado touched down south of Coyle in Logan County, destroying a barn and some outbuildings. Damage was rated F1.

The largest hail (up to the size of golf balls) fell in Oklahoma City in Oklahoma County and in Addington in Jefferson County. Severe thunderstorm wind gusts were estimated to be as high as 80 mph (in Perkins in Payne County). Structural wind damage was reported west of White Eagle in Kay County, near Coyle in Payne County, and east of Guthrie in Logan County. Tree damage was reported in Meridian in Logan County, south of Perkins and in Chandler in Lincoln County, in Edmond in Oklahoma County, east of Elgin in Comanche County, and in Marlow in Stephens County.

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

<table>
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<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Path Length (Miles)</th>
<th>Path Width (Yards)</th>
<th>Number of Persons Killed</th>
<th>Property Damage</th>
<th>Number of Persons Injured</th>
<th>Character of Storm</th>
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TEXAS, Western North

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Summary of events of October 23, 1997:

Afternoon severe thunderstorms produced hail as large as golf balls (north of Mabelle in Archer County) as they moved across western parts of north Texas.

See preceding individual Storm Data entries for further details and additional reports.
Gusty west and northwest gradient winds associated with a passing cold front lifted the roof from a pawn shop in Wewoka. Although the winds were sustained at 20 to 25 mph and gusting to only 30-35 mph at the time, the roof was lifted and flipped into an adjacent alley. The roof hit several power lines, cutting power to most of the northern half of Wewoka. The roof was poorly constructed, consisting of tin nailed to old wooden beams, which apparently were not well attached to the main structure.

Freezing rain fell across a large portion of western Oklahoma from late evening of the 20th into the evening of the 21st. Ice accumulations up 3/4 inch downed trees and power lines. Numerous large trees limbs were snapped, littering the streets of towns throughout the region. Tens of main power lines and countless secondary lines were also downed, cutting power to thousands of western Oklahomans. Canton (Blaine County) and Mooreland (Woodward County) were particularly hard-hit with power outages that lasted over 2 days in some cases.

Rain began changing from rain to snow over western Oklahoma during the evening of December 23rd. The wet, heavy snow continued through the night and ended before sunrise on Christmas Eve. Portions of western Oklahoma west of an Enid-Chickasha line were blanketed with 2 or more inches of snow. Lawton also reported an isolated snow accumulation of 2 inches. Within the heavy snow area, the heaviest snow fell in Harper County, where Laverne received 11 inches. A larger area of heavy snow (with amounts over 5 inches) extended from northern Roger Mills County to eastern Woodward County, with the following snow totals: Cedardale...8 inches, Arnett...7 inches, Mackie...7 inches, Reydon...6 inches, Mutual...6 inches, Freedom...5 inches, Fargo...5 inches.

Heavy snow began falling across south-central Oklahoma and western parts of north Texas late Christmas night and lasted until mid-morning on the 26th. Many areas saw snow accumulations of 2 inches or more, with isolated totals up to 4 inches. The heavier amounts of 4 inches were reported in southern Caddo County near Apache and in Garvin County at Hennepin. Pauls Valley and Healdton measured 3 inches, while much of the remainder of south-central Oklahoma saw 1 to 2 inches. The snow melted rapidly during the late morning and afternoon as temperatures rose into the 40s.

Heavy snow began falling across western parts of north Texas late Christmas night and lasted until mid-morning on the 26th. Many areas saw snow accumulations of 2 inches or more, with isolated totals approaching 4 inches. The biggest accumulation was reported in Knox County, where Munday received 3.5 inches of snow, while much of the remainder of western north Texas saw 1 to 2 inches. The snow melted rapidly during the late morning and afternoon as temperatures rose into the 40s.