



# National Weather Service

## Storm Data and Unusual Weather Phenomena



April 1998

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
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### OKLAHOMA, Western, Central and Southeast

<b>Harper County</b>									
6 E Laverne	06	1615CST			0	0			Hail (1.00)
<b>Comanche County</b>									
5 S Cache	06	1716CST			0	0			Hail (0.75)
<b>Woodward County</b>									
21 NNE Mooreland	06	1730CST			0	0			Thunderstorm Wind (G53)
measured at the Oklahoma Mesonet site									
<b>Tillman County</b>									
4 W Grandfield	06	1737CST			0	0			Hail (0.88)
<b>Tillman County</b>									
5 SW Grandfield	06	1741CST			0	0			Hail (1.00)
<b>Tillman County</b>									
Grandfield	06	1743CST			0	0			Hail (0.75)
<b>Woods County</b>									
16 NNE Freedom	06	1755CST			0	0			Thunderstorm Wind (G53)
measured at the Oklahoma Mesonet site									
<b>Comanche County</b>									
6 S Lawton	06	1800CST			0	0			Hail (0.75)
<b>Tillman County</b>									
Grandfield	06	1800CST			0	0			Hail (1.00)
<b>Custer County</b>									
5 SW Butler	06	1805CST			0	0			Thunderstorm Wind (G58)
measured at the Oklahoma Mesonet site									
<b>Cotton County</b>									
4 N Devo	06	1810CST			0	0			Hail (0.88)
<b>Alfalfa County</b>									
Cherokee	06	1848CST			0	0			Hail (0.75)
<b>Mcclain County</b>									
Payne	06	1849CST			0	0			Hail (0.75)
<b>Grant County</b>									
6 NNE Nash	06	1905CST			0	0			Hail (0.88)
<b>Stephens County</b>									
Comanche	06	1907CST			0	0			Hail (0.88)
<b>Garfield County</b>									
Drummond	06	1939CST			0	0			Hail (0.88)
<b>Stephens County</b>									
2 SE Velma	06	1945CST	0.1	10	0	0			Tornado (F0)
Tornado touched down briefly in an open field and lasted less than one minute.									
<b>Garvin County</b>									
8 S Stratford	06	2038CST			0	0			Hail (1.00)
<b>Murray County</b>									
3 N Sulphur	06	2040CST			0	0			Hail (0.75)
<b>Logan County</b>									
Crescent	06	2045CST			0	0			Hail (0.88)
<b>Pontotoc County</b>									
2 SE Fittstown	06	2115CST			0	0			Hail (0.88)

Summary of events of April 6, 1998:



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### OKLAHOMA, Western, Central and Southeast

Severe thunderstorms moved across much of Oklahoma during the late afternoon and evening of the 6th. Hail as large as quarters, severe straight-line winds, and one tornado were reported. The tornado, an F0, touched down in a field in Stephens County. Severe thunderstorm wind gusts were measured at speeds up to 67 mph by the Oklahoma Mesonet site north of Mooreland in Woodward County. Reports of hail as large as quarters were received from near Grandfield in Tillman County, east of Laverne in Harper County, and south of Stratford in Garvin County.

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

<b>Woodward County</b>									
Woodward	07	1550CST			0	0			Hail (1.00)
<b>Woodward County</b>									
Woodward	07	1555CST			0	0			Hail (0.88)
			Nickel-sized hail covered the ground on the east side of Woodward.						
<b>Lincoln County</b>									
3 NW Agra	07	1758CST			0	0			Hail (0.88)
<b>Kiowa County</b>									
3 E Roosevelt	14	1418CST			0	0			Hail (1.00)
<b>Kiowa County</b>									
3 E Cooperton	14	1429CST			0	0			Hail (1.00)
<b>Caddo County</b>									
8 S Carnegie	14	1515CST			0	0			Hail (0.88)
<b>Caddo County</b>									
4 SW Apache	14	1529CST			0	0			Hail (0.75)
			on Highway 281						
<b>Caddo County</b>									
Cement	14	1543CST			0	0			Hail (0.88)
<b>Caddo County</b>									
8 NW Apache	14	1549CST			0	0			Hail (1.50)
<b>Caddo County</b>									
8 NW Apache	14	1549CST			0	0			Thunderstorm Wind (G52)
<b>Caddo County</b>									
5 E Apache	14	1554CST			0	0			Hail (0.88)
<b>Caddo County</b>									
2 W Cyril	14	1556CST			0	0			Hail (1.00)
<b>Caddo County</b>									
Cyril	14	1602CST			0	0			Hail (0.88)
<b>Caddo County</b>									
2 W Cyril	14	1611CST			0	0			Hail (0.75)
<b>Grady County</b>									
Chickasha	14	1611CST			0	0			Hail (0.75)
<b>Grady County</b>									
2 NE Ninnekah	14	1615CST			0	0			Hail (1.25)
<b>Grady County</b>									
2 S Alex	14	1625CST			0	0			Thunderstorm Wind (G52)
			on Highway 19						
<b>Grady County</b>									
Ninnekah	14	1625CST			0	0			Hail (1.75)
<b>Grady County</b>									
.5 E Alex	14	1626CST			0	0	6K		Thunderstorm Wind



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### OKLAHOMA, Western, Central and Southeast

Severe thunderstorm winds tore the roof off an unoccupied business building on Highway 19.

<b>Grady County</b>									
Chickasha	14	1630CST			0	0	0.50K		Thunderstorm Wind

Severe thunderstorm winds downed a power pole on Highway 277 near Chickasha.

<b>Grady County</b>									
Ninnekah	14	1630CST			0	0			Thunderstorm Wind (G69)

Severe thunderstorm winds were recorded at speeds up to 80 mph between Chickasha and Rush Springs. Numerous limbs were downed in and around Chickasha.

<b>Grady County</b>									
1 NE Norge	14	1630CST			0	0			Hail (1.00)

<b>Tillman County</b>									
6 SW Grandfield	14	1655CST			0	0			Hail (1.00)

<b>Garvin County</b>									
2 W Lindsay	14	1700CST			0	0			Hail (0.88)

<b>Garvin County</b>									
2 W Lindsay	14	1700CST			0	0	0.50K		Thunderstorm Wind

Severe thunderstorm winds downed trees.

<b>Mcclain County</b>									
7 WSW Payne	14	1700CST			0	0			Hail (1.00)

<b>Tillman County</b>									
3 WNW Grandfield	14	1700CST			0	0			Thunderstorm Wind (G50)

measured at the Oklahoma Mesonet site

<b>Cotton County</b>									
4 N Devol	14	1705CST			0	0			Thunderstorm Wind (G52)

<b>Mcclain County</b>									
Payne	14	1710CST			0	0			Hail (1.00)

<b>Garvin County</b>									
Paoli	14	1725CST			0	0			Hail (1.25)

<b>Cotton County</b>									
Walters	14	1730CST			0	0			Hail (1.00)

<b>Garvin County</b>									
Pauls Valley	14	1730CST			0	0			Hail (1.75)

<b>Garvin County</b>									
Pauls Valley	14	1734CST			0	0			Hail (1.00)

<b>Garvin County</b>									
Pauls Valley	14	1735CST			0	0			Hail (0.90)

<b>Kay County</b>									
3 S Ponca City	14	1742CST			0	0	10K		Hail (3.00)

Hail larger than baseballs broke windows and damaged roofs and vehicles south of Ponca City.

<b>Kay County</b>									
3 S Ponca City	14	1742CST			0	0	0.30K		Thunderstorm Wind (G52)

Severe thunderstorm winds estimated at 60 mph downed power lines south of Ponca City.

<b>Noble County</b>									
2 SE Marland	14	1743CST			0	0			Hail (1.00)

<b>Stephens County</b>									
Duncan	14	1745CST			0	0			Hail (1.00)



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### OKLAHOMA, Western, Central and Southeast

<b>Garvin County</b>									
11 E Pauls Valley	14	1750CST			0	0			Hail (1.00)
<b>Garvin County</b>									
15 S Pauls Valley	14	1805CST			0	0			Hail (1.00)
<b>Garvin County</b>									
Stratford	14	1805CST			0	0			Hail (1.00)
<b>Garvin County</b>									
3 S Stratford	14	1809CST			0	0			Hail (1.88)
<b>Pontotoc County</b>									
Vanoss	14	1810CST			0	0			Hail (0.88)

Summary of events of April 14, 1998:

Isolated severe thunderstorms developed during the afternoon and moved across Oklahoma, producing large hail and damaging winds. One storm in north-central Oklahoma produced hail up to 3 inches in diameter and wind gusts estimated as high as 60 mph south of Ponca City. Houses and cars sustained damage from this storm. Another storm in central Oklahoma produced hail as large as golf balls and damaging wind gusts as well. Portions of Grady County were particularly hard-hit, with damage reported to trees and power lines between Rush Springs and Chickasha.

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

<b>Atoka County</b>									
5 SW Lane	15	1940CST			0	0			Hail (0.75)
<b>Atoka County</b>									
4 SW Lane	15	1942CST			0	0			Hail (0.88)
<b>Atoka County</b>									
2 SW Lane	15	1945CST			0	0			Hail (0.75)
<b>Atoka County</b>									
3 SW Lane	15	1945CST			0	0			Hail (1.00)
<b>Major County</b>									
5 E Chester	26	0305CST			0	0			Hail (1.00)
<b>Cotton County</b>									
7 SE Temple	26	0730CST			0	0			Hail (1.00)
<b>Jefferson County</b>									
Hastings	26	0735CST			0	0			Hail (0.88)
<b>Stephens County</b>									
4 SE Bray	26	0800CST			0	0			Hail (1.00)
<b>Tillman County</b>									
6 SW Grandfield	26	1250CST			0	0			Hail (0.75)
<b>Pontotoc County</b>									
8 NW Ada	26	1528CST			0	0			Hail (0.75)
<b>Stephens County</b>									
Marlow	26	1715CST			0	0			Flash Flood
Flash flooding washed out a road and flooded two streets.									
<b>Carter County</b>									
Lone Grove	26	1755CST			0	0	10K		Thunderstorm Wind
Severe thunderstorm winds unroofed two mobile homes.									
<b>Carter County</b>									
Ardmore	26	1805CST			0	0	2K		Thunderstorm Wind

Numerous tree limbs and power lines were downed by severe thunderstorm winds. A carport was also damaged.



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### OKLAHOMA, Western, Central and Southeast

#### Jefferson County

<b>Waurika</b>	26	1900CST			0	0			<b>Flash Flood</b>
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Two-inch rain on already saturated ground caused flash flooding of low-lying areas and resulted in several road closings in the Waurika area.

#### Johnston County

<b>4 W Nida</b>	26	1900CST			0	0	0.50K		<b>Thunderstorm Wind (G52)</b>
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Severe thunderstorm winds estimated at 60 mph blew down 6-inch diameter tree limbs and knocked out power.

#### Garvin County

<b>Pauls Vly</b>	26	1920CST			0	0			<b>Flash Flood</b>
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After 3 to 4 inches of rain fell during the afternoon and evening, Highway 19 was closed due to high water between Maysville and Pauls Valley. In the business district of Pauls Valley, water rose to depths of 4 to 5 inches deep.

#### Coal County

<b>Coalgate</b>	26	1935CST			0	0	2.5K		<b>Thunderstorm Wind</b>
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Severe thunderstorm winds destroyed a barn near the junction of Highways 3 and 75. Power lines and trees were also downed across Coal County.

#### Atoka County

<b>12 S Atoka</b>	26	1945CST			0	0	0.50K		<b>Thunderstorm Wind</b>
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Severe thunderstorm winds downed power lines.

#### Atoka County

<b>7 SE Atoka</b>	26	1955CST			0	0	0.50K		<b>Thunderstorm Wind</b>
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Severe thunderstorm winds downed power lines.

#### Seminole County

<b>Countywide</b>	26	2030CST 2230CST			0	0	165K		<b>Flood</b>
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Rainfall amounts upwards of 3 inches caused widespread creek, ditch, and street flooding across Seminole County. Numerous driveways built across ditches (tin horns) across the county were washed out and several roads were closed. Tragically, a mother and her two children drowned in a swollen creek. Investigators determined that flooding was not the direct cause of the accident since she was not washed off the road; rather, she had simply driven off of the roadway in the darkness and the family was not able to escape the vehicle.

#### Seminole County

<b>Seminole</b>	26	2055CST			0	0			<b>Flash Flood</b>
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Several streets in northeast Seminole were barricaded due to high water. Several cars were stalled in the high water around town.

#### Seminole County

<b>1 N Sasakwa</b>	26	2125CST			0	0			<b>Flash Flood</b>
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Flash flooding washed out a bridge on Highway 56 and a car was subsequently washed off the road. One person was rescued.

#### Garvin County

<b>Stratford</b>	26	2200CST			0	0			<b>Flash Flood</b>
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After 3.8 inches of rain fell in Stratford, water as high as waist-deep was reported in parts of town.

Summary of events of April 26, 1998:

Early morning thunderstorms in western Oklahoma produced hail as large as quarters. By early afternoon, the storms had formed a squall line that moved across central and eastern sections of the state during the afternoon and evening hours. Several reports of severe thunderstorm wind damage were received, including two mobile homes that were unroofed near Lone Grove in Carter County. Widespread 24-hour rainfall totals of 3 to 4 inches caused flash flooding in many areas. Particularly hard-hit were Garvin, Jefferson, Carter, and Seminole Counties.

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



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					Killed	Injured	Property	Crops	

### TEXAS, Western North

<b>Foard County</b>									
7 N Crowell	06	1550CST			0	0			Hail (0.88)
<b>Hardeman County</b>									
13 S Quannah	06	1600CST			0	0			Hail (0.88)
<b>Wilbarger County</b>									
Vernon	06	1645CST			0	0			Hail (1.00)
<b>Wilbarger County</b>									
Vernon	06	1705CST			0	0			Hail (0.88)
<b>Wilbarger County</b>									
5 NE Oklaunion	06	1713CST	0.1	10	0	0			Tornado (F0)
A small tornado (F0) touched down in a field for less than one minute.									
<b>Wichita County</b>									
2 NW Electra	14	1640CST			0	0	0.50K		Thunderstorm Wind
A truck trailer was blown off US Highway 287.									
<b>Wichita County</b>									
5 E Haynesville	14	1644CST			0	0			Hail (1.00)
<b>Wichita County</b>									
Sheppard Afb	26	0630CST			0	0			Thunderstorm Wind (G60)
measured at Wichita Falls(KSPS)									
<b>Wichita County</b>									
Iowa Park	26	0643CST			0	0			Hail (0.75)
<b>Archer County</b>									
6 N Megargel	26	1415CST			0	0			Hail (1.00)
accompanied by winds estimated at 50 mph									
<b>Archer County</b>									
2 W Archer City	26	1443CST			0	0			Hail (0.75)
<b>Clay County</b>									
6 NW Shannon	26	1615CST			0	0			Hail (1.00)
<b>Clay County</b>									
Joy	26	1620CST			0	0			Hail (0.75)
<b>Clay County</b>									
Joy	26	1620CST			0	0			Thunderstorm Wind (G52)
<b>Clay County</b>									
Bellevue	26	1635CST	0.2	50	0	2	50K		Tornado (F1)
A tornado, probably a gustnado, overturned a mobile home on FM 1288 on the southwest side of Bellevue. A man and woman were injured inside the trailer and were taken to local hospitals. Tree limbs up to 8 inches in diameter were blown down and roofs were damaged on several homes. Two barns in the area were also destroyed.									