



National Weather Service

Storm Data and Unusual Weather Phenomena



January 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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ARKANSAS, Northwest

Washington County

Countywide	04	1000CST 1400CST			0	0	10K		Flash Flood
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Van drove into running water over Hwy. 45 south of Lincoln and became trapped. Occupants rescued safely. Many streets closed in Fayetteville area.

Sebastian County

Countywide	04 05	1930CST 0300CST			0	0			Flash Flood
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Many roads flooded in southern part of Sebastian County.

Madison County

South Portion	05	0600CST 0800CST			1	0	10K		Flash Flood
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The Madison County sheriff died when his patrol car was swept off of a low-water bridge over the White River on County Road 112 near St. Paul around 7:00 am. The river was swollen by heavy rains during the night. The 24-hour rainfall ending at 7 AM for St. Paul was 3.39 inches. M58IW

A strongly baroclinic, southwest-northeast oriented front pulled up stationary over eastern Oklahoma on Jan. 4-5. A series of upper level disturbances in southwest flow aloft caused heavy rains to break out across the region. Rainfall totals of three to six inches were common. Fayetteville's Drake Field had a two-day rainfall total of 6.33 inches, coming on top of already-saturated grounds caused by heavy rains during the week before Christmas. Most creeks and rivers overflowed their banks, and numerous low-water bridges were covered with water. Unfortunately, this led to the death of Madison County's sheriff when he unsuccessfully tried to cross one such bridge near St. Paul in his patrol car on a routine patrol. His car overturned in the fast and high water, and he was unable to escape.

OKLAHOMA, Eastern

Mayes County

Pryor	04	0515CST			0	0	0.70K		Thunderstorm Wind (G50)
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Two trees blown down. Scattered shingles blown off some roofs. Garden shed blown over.

Ottawa County

Fairland	04	0630CST			0	0	60K		Thunderstorm Wind (G78)
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Ten homes/businesses with minor damage. Three businesses with major roof and structural damage. Winds were estimated at 90 to 100 miles an hour.

Adair County

Countywide	04	0930CST 1100CST			0	0			Flash Flood
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Widespread flooding reported near Stilwell with some water reaching homes. Flood waters washed a car off of a small bridge.

Latimer County

East Portion	04	1930CST 2100CST			0	0			Flash Flood
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Numerous county roads around Talihina closed.

Le Flore County

Countywide	04 05	1930CST 0400CST			0	0			Flood
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Serious flooding took place near Heavener with travel in area nearly impossible. Oil Branch Creek at Heavener overflowed its banks. Major flooding in Poteau and Talihina with many roads under water.

A strongly baroclinic, southwest-northeast oriented front pulled up stationary over eastern Oklahoma on Jan. 4. As upper level disturbances moved by in southwest flow aloft, heavy rain developed across parts of eastern Oklahoma. Two-day rainfall totals of two to six inches were common, falling on already-saturated grounds caused by heavy rains during the week before Christmas. Many rivers, particularly in southeast Oklahoma, rose out of their banks.

OKZ054-056>057-
057>066-068>071-073

Osage - Nowata - Craig - Ottawa - Pawnee - Tulsa - Rogers - Mayes - Delaware - Creek - Okfuskee - Okmulgee - Cherokee - Adair - Muskogee - McIntosh - Pittsburg

	08	0200CST 1100CST			0	0			Winter Storm
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A winter storm on the morning of Jan. 8 dropped a band of 1 to 3 inches of snow accumulation across parts of eastcentral and southeast Oklahoma. Heavier accumulations of up to 6 inches occurred in parts of northeast Oklahoma between Okemah and Tulsa. In northeast Oklahoma, the precipitation changed over from rain to sleet around 1:00 am and changed to all snow after 3:00 am. The snow had ended across the area by late morning. The sleet initially caused roads to be slick, and the heavy snow caused roads, particularly from Okemah to Tulsa, to become snow-packed. Specific snow totals follow (in inches): Okmulgee...6.0, Berryhill (3W



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					Killed	Injured	Property	Crops	

OKLAHOMA, Eastern

Tulsa)...4.5, Broken Arrow...4.2, Tulsa Int'l Airport...4.0, Okemah...4.0, Beggs...4.0, NWS Office (E Tulsa)...3.0, Checotah...3.0, Vinita...3.0, Oktaha...2.0, Miami...2 to 3, Scipio...2.0, Pryor...1.0, Muskogee...1.0, McAlester...0.5. Temperatures were very close to freezing when the snow fell, therefore this was a wet snow with high water content. Most of the snow had melted off by the end of the day.

The snow formed as an upper level low moving through the southern branch of the jet stream moved across Texas from west to east. A pool of mid-level cold air to the left of the upper level low's track and favorable jet dynamics were just enough for a changeover to snow. At the surface, low pressure formed on the morning of Jan. 7 near the mouth of the Mississippi River and was located in the Ohio River valley by the morning of Jan. 8.