

Storm Data and Unusual Weather Phenomena - December 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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KANSAS, Southeast

(KS-Z072) ALLEN

	12/01/08 06:00 CST		25K	Winter Weather
	12/01/08 06:35 CST		0	

Scattered light snow showers lead to icy streets across portions of Southeast Kansas during the early morning hours of December 1st, 2008. The icy roads lead to a few accidents, with one accident resulting in a mans death as his pickup overturned and caught fire.

(KS-Z069) BUTLER, (KS-Z070) GREENWOOD, (KS-Z083) SEDGWICK, (KS-Z093) COWLEY

	12/09/08 00:01 CST		2M	Winter Weather
	12/09/08 12:35 CST		0	

The first snowfall of the season lead to numerous accidents across South Central and Southeast Kansas, as an upper level disturbance moved across the area. This upper level disturbance lead to 1 to 3 inches of snow across portions of Southern Kansas.

(KS-Z072) ALLEN, (KS-Z093) COWLEY, (KS-Z094) ELK, (KS-Z095) WILSON, (KS-Z096) NEOSHO, (KS-Z098) CHAUTAUQUA, (KS-Z099) MONTGOMERY, (KS-Z100) LABETTE

	12/13/08 13:00 CST		52K	High Wind (MAX 52 kt)
	12/13/08 14:15 CST		0	

An intensifying lee side trough along the front range of the Rockies and a strong surface high pressure area in the Ozark Mountains combined to produce a tight pressure gradient across South Central and Southeast Kansas. This tight gradient produced strong wind gusts to 50 to 60 mph near Coffeyville, Winfield and Chanute.

(KS-Z049) SALINE, (KS-Z067) RENO, (KS-Z083) SEDGWICK, (KS-Z095) WILSON, (KS-Z099) MONTGOMERY

	12/15/08 18:07 CST		48K	Winter Weather
	12/16/08 12:00 CST		0	

Overunning precipitation over the top of a cold airmass, combined to produce two rounds of wintery precipitation across portions of Central and South Central Kansas late on December 15th into the early portion of December 16th, 2008. Two to five inches of snowfall combined with a thin layer of ice to produce numerous accidents and one death due to hazardous driving conditions.

(KS-Z072) ALLEN, (KS-Z091) HARPER

	12/18/08 00:00 CST		60K	Winter Weather
	12/18/08 13:00 CST		0	

Warm and moist air overrunning a retreating cold airmass resulted in widespread freezing drizzle, freezing rain and fog across south-central and southeast Kansas during the predawn and morning hours of December 18th. While only minor ice accumulations occurred, it was enough to cause 3 known injury car accidents.

(KS-Z049) SALINE, (KS-Z067) RENO, (KS-Z068) HARVEY, (KS-Z083) SEDGWICK, (KS-Z092) SUMNER, (KS-Z093) COWLEY

	12/23/08 09:00 CST		0.20M	Winter Weather
	12/24/08 05:00 CST		0	

Warm air overrunning colder air at the surface resulted in widespread freezing drizzle and light freezing rain across portions of central, south-central and southeast Kansas from the 23rd through the early morning hours on the 24th. The icy conditions aided numerous vehicle accidents, two of which were fatal across Sumner and Cowley counties, and several of which produced injuries.

SEDGWICK COUNTY --- 0.7 N VALLEY CENTER [37.84, -97.37]

	12/27/08 00:27 CST		0	Hail (0.75 in)
	12/27/08 00:27 CST		0	Source: Trained Spotter

SEDGWICK COUNTY --- 0.6 E DERBY [37.55, -97.26]

	12/27/08 01:54 CST		0	Hail (0.75 in)
	12/27/08 01:54 CST		0	Source: Trained Spotter

BUTLER COUNTY --- 0.7 N LEON [37.69, -96.78]

	12/27/08 02:36 CST		0	Thunderstorm Wind (MG 52 kt)
	12/27/08 02:36 CST		0	Source: Mesonet

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Measured by KSN Weather Lab Equipment at Bluestem Elementary School.

COWLEY COUNTY --- 0.6 W WINFIELD ARPT [37.17, -97.04]

	12/27/08 02:48 CST		0	Thunderstorm Wind (MG 52 kt)
	12/27/08 02:48 CST		0	Source: ASOS

Measured by ASOS equipment at Strother Field Airport.

GREENWOOD COUNTY --- 0.5 E EUREKA ARPT [37.85, -96.29]

	12/27/08 03:10 CST		0	Thunderstorm Wind (MG 50 kt)
	12/27/08 03:10 CST		0	Source: AWOS

Measured by AWOS equipment at the Eureka Airport.

ALLEN COUNTY --- 10.5 N GAS [38.07, -95.37]

	12/27/08 05:30 CST		0.15M	Lightning
	12/27/08 05:30 CST		0	Source: Newspaper

Lightning from a broken line of strong to severe thunderstorms sparked a house fire in the community of Colony during the predawn hours of the 27th. The residence was completely destroyed. Fortunately, no one was home at the time. Information courtesy of the lola Register.

A broken line of strong to severe thunderstorms surged east across portions of south-central and southeast Kansas during the predawn hours on the 27th, as a strong storm system and associated cold front approached from the west. Scattered occurrences of dime size hail and 60 mph winds were reported.