



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Cowley County 4 S Rock	01	1540CST			0	0			Hail(0.75)
Sedgwick County Mc Connell Afb	01	2355CST			0	0			Hail(0.75)
Sumner County Geuda Spgs	02	0100CST			0	0			Thunderstorm Wind (EG56)
Sumner County 7 NE South Haven	03	0405CST			0	0			Hail(0.75)
Harvey County Newton	04	1400CST			0	0	5K		Lightning
									Home struck, with damage to roof and electrical circuitry. (Newton Kansan.)
Harper County 6 SW Attica	05	1529CST			0	0			Thunderstorm Wind (EG52)
									Occurred 2NW Midway.
Harper County 2 SW Attica	05	1750CST			0	0			Thunderstorm Wind (EG52)
Harper County 6 SW Attica	05	1755CST			0	0			Hail(0.88)
Allen County Gas	05	1845CST			0	0			Hail(1.00)
Allen County Iola	05	1855CST			0	0			Hail(1.00)
Allen County 2 E Iola	05	1855CST			0	0			Hail(1.75)
Woodson County Yates Center	05	1907CST			0	0	50K		Thunderstorm Wind (EG70)
									Part of roof of west wing of the historic Woodson Hotel torn from it's rafters. Trailer overturned at community building. Widespread tree damage. Yates Center News contributed greatly to this narrative.
Allen County La Harpe	05	1910CST			0	0			Hail(0.75)
Neosho County Chanute	05	1915CST			0	0	10K		Thunderstorm Wind (EG61)
									Garage at one residence damaged when uprooted maple tree fell onto it. (Chanute Tribune)
Neosho County 4 SE Chanute	05	1924CST			0	0			Hail(1.75)
Wilson County 2 S Buffalo	05	1930CST			0	0			Thunderstorm Wind (EG65)
Wilson County Fredonia	05	1940CST			0	0			Thunderstorm Wind (EG56)
Wilson County 3 NW Fredonia	05	1945CST			0	0			Thunderstorm Wind (EG61)
Wilson County 3 N Neodesha	05	1950CST			0	0			Hail(1.00)
Neosho County Galesburg	05	1953CST			0	0			Hail(1.75)
Neosho County 3 E St Paul	05	1955CST			0	0	50K		Thunderstorm Wind (EG61)
									One residence extensively damaged when the east-facing garage door was ripped from it's supports causing the roof to collapse onto



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KANSAS, Southeast

the three vehicles parked inside. A barn approximately 1 mile west of the property was unroofed with the dislodged roof and sections of tin scattered 1/4 mile across an adjacent field. (Chanute Tribune).

Wilson County

Fredonia	05	1955CST			0	0	5K		Thunderstorm Wind (EG56) Damage to one telephone line at the Fredonia swimming pool. Tree damage was widespread. The Wilson County Citizen contributed to this report.
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Elk County

Upola	05	2005CST			0	0			Hail(1.75)
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Labette County

5 E Mound Vly	05	2015CST			0	0			Hail(1.75)
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Montgomery County

Elk City	05	2018CST			0	0			Thunderstorm Wind (EG56) Branches 1-2 inches in diameter downed.
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Montgomery County

Independence	05	2020CST			0	0			Thunderstorm Wind (EG61) Trees uprooted.
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Montgomery County

10 W Independence	05	2021CST			0	0			Thunderstorm Wind (EG52)
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Labette County

Oswego	05	2030CST			0	0	25K		Thunderstorm Wind (EG61) Power lines downed and a few large trees uprooted.
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Montgomery County

3 S Caney	05	2030CST			0	0			Thunderstorm Wind (EG61)
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Montgomery County

3 SE Elk City	05	2030CST			0	0			Hail(1.00)
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Labette County

Chetopa	05	2035CST			0	0	10K		Thunderstorm Wind (EG61) Power lines and power poles downed. The most significant: A power pole containing a transformer. (Parsons Sun)
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Montgomery County

2 N Caney	05	2035CST			0	0			Thunderstorm Wind (EG61)
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Montgomery County

Caney	05	2045CST			0	0	10K		Thunderstorm Wind (EG56) Downed power lines.
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Montgomery County

Tyro	05	2045CST			0	0	100K		Lightning A home improvement store, specializing in surplus building supplies, light fixtures, carpet, and bulk items, was destroyed. Damage estimate is a rough approximation.
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Marion County

Lincolville	11	0109CST			0	0			Hail(1.00)
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Butler County

El Dorado	11	0125CST			0	0			Hail(0.88)
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Butler County

El Dorado	11	0127CST			0	0			Thunderstorm Wind (EG52)
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Butler County

5 NE El Dorado	11	0130CST			0	0	50K		Thunderstorm Wind (EG70) Barn and grain silo destroyed. Debris from the destroyed barn "helped" to knock over a nearby power pole. (El Dorado Times)
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KANSAS, Southeast

Butler County

El Dorado Res	11	0132CST			0	2	150K		Thunderstorm Wind (EG70)
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One camper overturned resulting in two injuries, both minor. At El Dorado State Park, Shady Creek Marina sustained extensive damage to dock coverings, a gasoline dock, the 'A' dock boat slip, with several docks torn loose. Power outages resulted obviously from power lines and power poles downed nearby. Tree damage was widespread with many trees uprooted. One limb fell onto a mobile home. The El Dorado Times contributed greatly to this report

Butler County

3 E El Dorado	11	0134CST			0	0			Thunderstorm Wind (EG61)
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Sedgwick County

5 N Wichita	11	0220CST			0	0	20K		Thunderstorm Wind (EG65)
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Eighteen power poles and their associated power lines downed. The downed utility poles blocked nearly 1 mile stretch of road between 61st St. N and 69th St. N near Valley Center, a North Wichita suburb. Approximately 25 trees were uprooted at the Sedgwick County Zoo in Northwest Wichita. Overall, tree damage was widespread across the Wichita Metro area. The resultant power outages persisted thru Monday evening across most of Valley Center. The Wichita Eagle contributed greatly to this report

Sedgwick County

Wichita	11	0230CST			0	0			Hail(0.88)
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Cowley County

15 ENE Arkansas City	11	0237CST			0	0			Thunderstorm Wind (EG52)
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Sedgwick County

Wichita Arpt	11	0239CST			0	0			Thunderstorm Wind (MG64)
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Mid-Continent Airport.

Sumner County

Mayfield	11	0322CST			0	0			Hail(0.75)
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Russell County

3 NE Paradise	18	1330CST			0	0			Thunderstorm Wind (EG52)
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Tree damage.

Russell County

Luray	18	1350CST			0	0			Thunderstorm Wind (EG61)
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Large trees uprooted.

Russell County

5 E Paradise	18	1455CST			0	0			Thunderstorm Wind (EG52)
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Tree damage.

Saline County

1 S Salemsburg	19	1600CST			0	0	20K		Lightning
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Gun barrel tank struck. (A gun barrel tank is one in which water separates from the oil after the latter has been pumped from the ground.) The force of the resultant explosion was sufficient to launch the tank across the adjacent Halstead Road, knocking down power lines in the process. The explosion also set fire to four neighboring tanks, one truck used for hauling saltwater, (destroying each), and around 140 barrels of oil. The downed power lines severed power to approximately 900 customers for nearly 3 hours. (All details from this incident courtesy of the Salina Journal.)

Saline County

7 NE New Cambria	20	1805CST			0	0			Thunderstorm Wind (EG52)
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Relayed by WFO Topeka.

Mepherson County

3 E Galva	21	1638CST			0	0			Hail(0.88)
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<u>KANSAS, Southeast</u>									
Harvey County Newton	21	2210CST			0	0			Thunderstorm Wind (EG52)
Harvey County Hesston	21	2215CST			0	0	5K		Lightning
Transformer struck. Narrative courtesy of Newton Kansan.									
Harvey County North Newton	21	2215CST			0	1	25K		Thunderstorm Wind (EG52)
Tractor-trailer overturned on I-135 near the North Broadway and First Street exits. The driver's injuries were minor. In addition, one transformer caught fire. It is unknown whether the blaze was caused by lightning or severe thunderstorm winds. Newton Kansan contributed greatly to this narrative.									
Harvey County Newton	21	2230CST			0	0	0.50K		Lightning
Tree struck; caught fire. Narrative courtesy of Newton Kansan.									
Harvey County Newton	21	2230CST			0	0			Thunderstorm Wind (EG52)
Widespread tree damage.									
KSZ096 Neosho	22	0045CST 0115CST			0	0			High Wind (EG52)
Damage to trees and carports in Erie.									
Lincoln County 2 SE Westfall	22	1825CST			0	0			Thunderstorm Wind (EG54)
Large tree blown over onto a house									
Harvey County Hesston	23	1632CST			0	0			Thunderstorm Wind (EG56)
4-5 Inch diameter limbs downed.									
Mcpheerson County Moundridge	23	1645CST			0	0			Hail(0.75)
Harper County 1 S Harper	23	1700CST			0	0	30K		Thunderstorm Wind (EG70)
Metal roofing torn from hangar at Harper County Airport. Private plane parked inside the hangar sustained minor damage. Unspecified number of power poles and power lines downed. However, power was severed to Harper's primary water well, which would be out of service until Monday afternoon (8/25). A second water well failed Sunday Night (8/24), with service also restored Monday afternoon (8/25). The Harper Advocate contributed greatly to this narrative									
Kingman County Kingman	23	1715CST			0	0	15K		Thunderstorm Wind (EG70)
Unspecified number of power poles and power lines downed. In addition, the severe thunderstorm winds lifted the east end of a metal pole shed, blowing the section over the roof. The damaged section was found in a pasture immediately west of the shed's location. Kingman Leader Courier contributed greatly to this narrative.									
Kingman County Rago	23	1720CST			0	0			Hail(0.75)
Occurred at K-14/K-42 intersection.									
Kingman County Rago	23	1720CST			0	0			Thunderstorm Wind (EG52)
Occurred at K-14/K-42 intersection.									



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<u>KANSAS, Southeast</u>									
Kingman County									
Kingman	23	1740CST			0	0			Thunderstorm Wind (EG52)
Sedgwick County									
1 W Haysville	23	1823CST			0	0	15K		Thunderstorm Wind (EG65) Unspecified number of power poles and power lines downed at 71st St S./Hoover Rd intersection. (Reported by KFDI).
Sedgwick County									
Goddard	23	1830CST			0	1			Lightning A 37-year old man was struck while watching a thunderstorm from his back yard. Though not seriously injured, the man did sustain minor burns. Narrative courtesy of Times Sentinel, Cheney, KS. Time of the incident approximate based on timing of severe thunderstorm winds 10 miles southwest of Wichita.
Sedgwick County									
10 SW Wichita	23	1845CST			0	0	25K		Thunderstorm Wind (EG70) Power poles snapped (obviously downing associated power lines) along 135th St. W between 31st S and McArthur Rd. (Reported by KFDI.)
Sedgwick County									
Wichita	23	1849CST			0	0	10K		Thunderstorm Wind (EG56) Limbs downed onto power lines with power outages no doubt resulting. (Reported by KFDI.)
Sumner County									
Belle Plaine	23	1855CST			0	0			Hail(0.75)
Sedgwick County									
Wichita Arpt	23	1913CST			0	0			Thunderstorm Wind (MG55)
Sedgwick County									
5 NE Derby	23	1929CST			0	0			Thunderstorm Wind (EG52)
Sedgwick County									
8 SE Wichita	23	1930CST			0	0			Thunderstorm Wind (EG61) Occurred at 47th St. S./Rock Rd. intersection.
Sedgwick County									
7 E Wichita	23	1930CST			0	0	25K		Thunderstorm Wind (EG78) During this time, McConnell AFB measured a 106KT gust. Reported damage did not support such velocity hence an estimated gust of 78KT has been assigned at this time.
Sedgwick County									
8 SE Wichita	23	1935CST			0	0			Hail(1.00) Occurred at 47th St. S./Rock Rd. insection. (Reported by KSN Weatherlab).
Sedgwick County									
2 W Wichita Arpt	23	2002CST			0	0			Thunderstorm Wind (EG52) Reported by KWCH Channel 12.
Kingman County									
2 W Norwich	25	1613CST			0	0			Thunderstorm Wind (EG52) Power lines downed.
Lincoln County									
Sylvan Grove	26	1555CST			0	0			Thunderstorm Wind (EG52)
Barton County									
Pawnee Rock	26	1650CST			0	0			Thunderstorm Wind (EG58)
Montgomery County									
2 SW Tyro	27	1500CST			0	0			Thunderstorm Wind (EG52) Minor damage to trees. Four inch diameter limbs were downed across the community.



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KANSAS, Southeast

Saline County

Gypsum	28	1617CST			0	0			Hail(0.75)
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Radio station KSAL.

Montgomery County

Independence	28	2230CST 2300CST			0	0	25K		Lightning
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Unspecified number of power poles struck, severing power to 1,073 residences. By approximately 10AM the following morning, power had been restored to all but 61 residences. Times of incidents approximate. Narrative courtesy of the Parsons Sun.

Labette County

Parsons	28	2300CST 2315CST			0	0	20K		Lightning
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Unspecified number of power poles struck, severing power to 586 residences. By approximately 10 AM the following morning, power had been restored to all but 20 residences. Times of incidents are approximate. Narrative courtesy of Parsons Sun.

Montgomery County

Independence	29	0112CST			0	0	5K		Lightning
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Two homes struck. In the first, and more serious case, part of the home was set ablaze, with fire apparently spreading from the basement, up thru a laundry chute, then into the walls and attic of the home. The roof was also damaged, with most damage occurring toward the back of the home. Approximately six hours were required to extinguish the fire

In the second case, wiring was struck, igniting a small fire. Damage estimate: \$100. Independence Daily contributed greatly to this narrative.

Cowley County

Winfield	29	0900CST			0	0	1K		Lightning
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Warehouse owned by Greif Brothers Corporation struck. The lightning struck the fuse box, however damage to the structure and it's contents was minimal. (Arkansas City Traveler).

Chase County

8 SE Gladstone	30 31	1900CST 0200CST			6	0	250K		Flash Flood
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Torrential rains of 6-8 inches, occurring in about 3 hours, caused flash flooding of Jacob Creek along I-35, the Kansas Turnpike, near milepost 116, 12 miles southwest of Emporia. The exceptionally heavy rains turned what had been a nearly dry creek into a raging river that surged almost due north at a rate of about 4,100 cubic feet per second. The creek overflowed across the northeast bound lanes and against a concrete median separating the northeast bound from the southwest bound lanes. The median consisted of 10 cement barriers, each 20 feet long and weighing 10,000-20,000 pounds. The water pressure built to the point that the median suddenly broke, allowing 6 to 7 feet of water to surge in a mini tsunami-like manner across the rest of the interstate

Seven vehicles were swept off the turnpike. Of these, one was a minivan carrying a family of six. Of the six occupants, five perished. The fatalities comprised of one woman and four children, all four under 10 years of age. The woman's body was found about two miles from the interstate. Of the four children, three were found inside the minivan, while the fourth was found 3/4 mile from the vehicle. The husband had broken out a window and was sucked out of the vehicle in the process. The sixth fatality, a man, resulted when his vehicle had stalled. The concrete barriers were also washed into the creek

The seven vehicles were strewn about in a low-lying area of the Flint Hills. Just east of the minivan, two vehicles were partially submerged and a third was flipped upside down and leaning against a tree. There were no statements as to the whereabouts of the other three vehicles. It was the first time in 50 years that the Kansas Turnpike had flooded at this location. The Arkansas City Traveler, the Chanute Tribune, the Wichita Eagle and the U.S. Geological Survey all contributed greatly to this narrative



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KANSAS, Southeast

F33IW, M31IW, F8IW, M5IW, M3IW, F1IW