

Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
KANSAS, Southeast				
HARPER COUNTY --- 4.2 S CORWIN [37.02, -98.30]				
	08/20/07 21:30 CST		0	Thunderstorm Wind (EG 52 kt)
	08/20/07 21:30 CST		0	Source: Public
A cluster of thunderstorms moved across Harper county during the late evening hours of August 20th, producing 60 mph winds south of Corwin.				
RENO COUNTY --- 0.9 SE HUNTSVILLE [38.06, -98.32]				
	08/08/07 18:30 CST		0	Thunderstorm Wind (EG 65 kt)
	08/08/07 18:30 CST		0	Source: Trained Spotter
RENO COUNTY --- 0.6 W PLEVNA [37.97, -98.31]				
	08/08/07 18:32 CST		1K	Thunderstorm Wind (EG 52 kt)
	08/08/07 18:32 CST		0	Source: Trained Spotter
A large tree was blown down.				
RENO COUNTY --- 0.9 SE HUNTSVILLE [38.06, -98.32]				
	08/08/07 18:41 CST		0	Hail (1.00 in)
	08/08/07 18:41 CST		0	Source: Trained Spotter
MCPHERSON COUNTY --- 1.8 NW MC PHERSON [38.39, -97.69]				
	08/08/07 18:45 CST		0	Thunderstorm Wind (EG 52 kt)
	08/08/07 18:45 CST		0	Source: Amateur Radio
MCPHERSON COUNTY --- 0.5 W WINDOM [38.38, -97.91]				
	08/08/07 18:46 CST		15K	Thunderstorm Wind (EG 56 kt)
	08/08/07 18:46 CST		0	Source: Law Enforcement
Power lines were blown down.				
MCPHERSON COUNTY --- 0.5 E MC PHERSON [38.37, -97.66]				
	08/08/07 18:55 CST		0	Thunderstorm Wind (EG 56 kt)
	08/08/07 18:55 CST		0	Source: ASOS
MCPHERSON COUNTY --- 0.5 W MC PHERSON [38.37, -97.68]				
	08/08/07 18:55 CST		2K	Thunderstorm Wind (EG 56 kt)
	08/08/07 18:55 CST		0	Source: Trained Spotter
Several large trees were blown down.				
MCPHERSON COUNTY --- 0.5 W ROXBURY [38.55, -97.43]				
	08/08/07 18:59 CST		0	Thunderstorm Wind (EG 61 kt)
	08/08/07 18:59 CST		0	Source: Trained Spotter
RENO COUNTY --- 0.6 W PLEVNA [37.97, -98.31]				
	08/08/07 19:03 CST		0	Thunderstorm Wind (EG 61 kt)
	08/08/07 19:03 CST		0	Source: Trained Spotter
MARION COUNTY --- 6.0 NNW DURHAM [38.56, -97.26]				
	08/08/07 19:08 CST		0	Thunderstorm Wind (EG 61 kt)
	08/08/07 19:08 CST		0	Source: Trained Spotter
MCPHERSON COUNTY --- 0.5 E MC PHERSON [38.37, -97.66]				
	08/08/07 19:11 CST		15K	Thunderstorm Wind (EG 56 kt)
	08/08/07 19:11 CST		0	Source: Law Enforcement

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A roof was blown off a building just north of city hall.				
RENO COUNTY --- 0.9 SE HUNTSVILLE [38.06, -98.32]				
	08/08/07 19:16 CST		0	Thunderstorm Wind (EG 61 kt)
	08/08/07 19:16 CST		0	Source: Trained Spotter
RENO COUNTY --- 2.3 ENE WHITESIDE [38.01, -97.98]				
	08/08/07 19:56 CST		0	Thunderstorm Wind (EG 52 kt)
	08/08/07 19:56 CST		0	Source: Trained Spotter
HARVEY COUNTY --- 0.7 N HESSTON [38.14, -97.43]				
	08/08/07 20:00 CST		0	Thunderstorm Wind (EG 52 kt)
	08/08/07 20:00 CST		0	Source: Law Enforcement
HARVEY COUNTY --- 1.8 WNW HESSTON [38.14, -97.46]				
	08/08/07 20:00 CST		0	Hail (1.00 in)
	08/08/07 20:00 CST		0	Source: Law Enforcement
HARVEY COUNTY --- 0.9 SE NEWTON [38.04, -97.34]				
	08/08/07 20:10 CST		0	Thunderstorm Wind (EG 56 kt)
	08/08/07 20:10 CST		0	Source: COOP Observer
HARVEY COUNTY --- 0.9 NW HESSTON [38.14, -97.44]				
	08/08/07 20:14 CST		0	Hail (1.00 in)
	08/08/07 20:14 CST		0	Source: Trained Spotter
HARVEY COUNTY --- NEWTON ARPT [38.05, -97.28]				
	08/08/07 20:15 CST		0	Thunderstorm Wind (EG 52 kt)
	08/08/07 20:15 CST		0	Source: ASOS
HARVEY COUNTY --- 2.3 WSW ANNELLY [37.96, -97.24]				
	08/08/07 20:27 CST		0	Thunderstorm Wind (EG 56 kt)
	08/08/07 20:27 CST		0	Source: Trained Spotter
KINGMAN COUNTY --- 3.5 S CUNNINGHAM [37.60, -98.43]				
	08/08/07 20:28 CST		0	Hail (1.00 in)
	08/08/07 20:28 CST		0	Source: Law Enforcement
HARVEY COUNTY --- NEWTON [38.05, -97.35]				
	08/08/07 20:42 CST		30K	Thunderstorm Wind (EG 56 kt)
	08/08/07 20:42 CST		0	Source: Law Enforcement
Several power lines and trees were blown down at the intersection of 1st and Walnut as well as Share Drive and Meridian.				
RENO COUNTY --- 1.5 SSE SOUTH HUTCHINSON [38.01, -97.91]				
	08/08/07 20:46 CST		15K	Thunderstorm Wind (EG 56 kt)
	08/08/07 20:46 CST		0	Source: Trained Spotter
High winds knocked several power lines down causing of power outages in the southern half of Hutchinson.				
SEDGWICK COUNTY --- 2.0 NNW WICHITA ARPT [37.68, -97.44]				
	08/08/07 21:20 CST		1K	Thunderstorm Wind (EG 52 kt)
	08/08/07 21:20 CST		0	Source: Public
A few six inch diameter tree limbs were blown down near 17th and Tyler.				
BUTLER COUNTY --- ELBING [38.05, -97.13]				

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	08/08/07 21:22 CST		0	Thunderstorm Wind (EG 52 kt)
	08/08/07 21:22 CST		0	Source: Trained Spotter

SEDGWICK COUNTY --- (AAO) JABARA ARPT [37.75, -97.22]

	08/09/07 00:13 CST		0	Thunderstorm Wind (EG 58 kt)
	08/09/07 00:13 CST		0	Source: ASOS

A surface front stalled across parts of Southern and Central Kansas during the day of August 8th. Abundant moisture pooled along the front as a mid-level disturbance moved overhead. This triggered severe storms along the front leading to hail and damaging winds. The slow movement of storms led to some isolated very heavy rainfall amounts and localized flooding.

BARTON COUNTY --- 0.5 W HOISINGTON [38.52, -98.78]

	08/07/07 16:24 CST		0	Hail (0.75 in)
	08/07/07 16:24 CST		0	Source: Law Enforcement

A stationary front across Central Kansas was the focus for thunderstorms during the afternoon hours. Storms developed in Barton County but only produced small in the city of Hoisington.

LINCOLN COUNTY --- 2.8 S SYLVAN GROVE [38.98, -98.38]

	08/01/07 19:45 CST		0	Flash Flood (due to Heavy Rain)
	08/02/07 01:15 CST		0	Source: Trained Spotter

Several rural roads south of Sylvan Grove were impassable due to high water flowing over them. In the town of Sylvan Grove a creek that runs through the city park was out of its banks and flooding the park. 3.25 inches of rain was measured in one hour 2 miles south of Sylvan Grove and 3 inches was measured in one hour in the town of Sylvan Grove. 3.75 inches was measured in the town of Denmark, 6 miles southwest of Lincoln. 3 inches was also measured in one hour 7 miles west of Lincoln in the town of Vesper.

LINCOLN COUNTY --- 0.9 SW SYLVAN GROVE [39.01, -98.39]

	08/01/07 20:00 CST		0	Thunderstorm Wind (EG 50 kt)
	08/01/07 20:00 CST		0	Source: Trained Spotter

Small tree limbs were downed due to thunderstorm winds.

RICE COUNTY --- 7.0 NW CHASE [38.42, -98.44]

	08/01/07 20:24 CST		0	Flood (due to Heavy Rain)
	08/02/07 21:00 CST		0	Source: Law Enforcement

County Road H was closed northwest of Highway 56 due to high water.

ELLSWORTH COUNTY --- 1.4 S WILSON [38.80, -98.47]

	08/02/07 00:56 CST		0	Flash Flood (due to Heavy Rain)
	08/02/07 06:26 CST		0	Source: Emergency Manager

Avenue J and L were closed due to high water flowing over them. 3.25 inches of rain was reported in the town of Wilson.

RUSSELL COUNTY --- 7.0 SE RUSSELL [38.81, -98.76]

	08/02/07 00:57 CST		0	Flash Flood (due to Heavy Rain)
	08/02/07 06:26 CST		0	Source: Law Enforcement

The intersection of Mitchell and 190th was closed due to high water.

BARTON COUNTY --- 2.0 S CLAFLIN [38.49, -98.53]

	08/02/07 06:26 CST		0	Flood (due to Heavy Rain)
	08/02/07 21:00 CST		0	Source: Law Enforcement

Northeast 130 Avenue was closed from Highway 156 to 1 mile south of Highway 156 due to high water. There was also water over several rural roads throughout the county.

ELLSWORTH COUNTY --- ELLSWORTH [38.73, -98.23]

	08/02/07 06:26 CST		0	Flood (due to Heavy Rain)
	08/02/07 21:00 CST		0	Source: Law Enforcement

Voluntary evacuations were taking place along the Smoky Hill River in Ellsworth.

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An outflow boundary from thunderstorms in Nebraska drifted south into Central Kansas interacted with deep low-level moisture to produce nearly stationary thunderstorms. The slow movement of the storms led to very heavy rain and flash flooding in Lincoln, Russell and Ellsworth counties.