

Storm Data and Unusual Weather Phenomena - September 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
KANSAS, Southeast				
RUSSELL COUNTY --- 6.6 S WALDO [39.02, -98.80], 7.4 SSE PARADISE [39.02, -98.87], 1.9 SE PARADISE [39.10, -98.90], 2.6 SSW WALDO [39.09, -98.82]				
	09/11/08 20:02 CST		10K	Flash Flood (due to Heavy Rain)
	09/12/08 06:02 CST		0.10K	Source: Trained Spotter
A local observer reported 5.25 inches of rain along Paradise Creek. This caused roads to flood along the creek and washed out some small bridges.				
BUTLER COUNTY --- 0.9 NW BENTON [37.79, -97.13]				
	09/12/08 00:00 CST		0	Heavy Rain
	09/12/08 23:59 CST		0	Source: Public
An observer reported 9.81 inches of rain during the event.				
SEDGWICK COUNTY --- 0.6 W (ICT)WICHITA ARPT [37.65, -97.44]				
	09/12/08 00:00 CST		0	Heavy Rain
	09/12/08 23:59 CST		0	Source: Official NWS Observations
Wichita Mid Continent Airport measured its all time greatest 24 hour rainfall total of 10.31 inches.				
HARPER COUNTY --- ANTHONY [37.15, -98.03], 3.0 E ANTHONY [37.16, -97.98], 2.9 ESE ANTHONY [37.13, -97.98], 1.9 S ANTHONY [37.12, -98.04]				
	09/12/08 03:35 CST		10K	Flash Flood (due to Heavy Rain)
	09/12/08 10:35 CST		10K	Source: Law Enforcement
Kansas Highway 44 east of Anthony and Kansas State road 179 south of Anthony were closed due to high water. Also, many county roads were closed throughout the county.				
HARPER COUNTY --- 0.8 E HARPER [37.28, -98.01], 0.8 WNW HARPER [37.28, -98.03], 0.8 WNW HARPER [37.28, -98.03], 0.8 NW HARPER [37.29, -98.03], 0.8 ENE HARPER [37.29, -98.01]				
	09/12/08 03:38 CST		0.10M	Flash Flood (due to Heavy Rain)
	09/12/08 09:38 CST		0.20K	Source: Law Enforcement
A foot of water was reported over Highway 160 in the town of Harper. Water ran curb to curb along Highway 160 through town. Portions of South Pine and South Central were barricaded. A Harper police patrol car had to be removed from service after water flooded the interior.				
BUTLER COUNTY --- ROSE HILL [37.57, -97.13]				
	09/12/08 04:10 CST		0	Heavy Rain
	09/12/08 04:10 CST		0	Source: Public
There was 5.63 inches of rainfall reported in Rose Hill during the morning hours.				
COWLEY COUNTY --- 4.6 WNW WINFIELD [37.27, -97.06], 3.4 WNW WINFIELD [37.27, -97.04], 3.6 W WINFIELD [37.25, -97.05], 5.1 W WINFIELD [37.26, -97.07]				
	09/12/08 04:52 CST		1K	Flash Flood (due to Heavy Rain)
	09/12/08 10:52 CST		1K	Source: Emergency Manager
Flash flooding was reported 5 miles west of Winfield.				
BUTLER COUNTY --- 4.2 NNW EL DORADO RES [37.92, -96.86], 4.0 NNW EL DORADO RES [37.92, -96.84], 3.0 NNW EL DORADO RES [37.91, -96.84], 3.2 NW EL DORADO RES [37.91, -96.85]				
	09/12/08 05:01 CST		0.10K	Flash Flood (due to Heavy Rain)
	09/12/08 15:01 CST		0.10K	Source: Law Enforcement
Water covered the road for a good portion of the day on Highway 77 north of El Dorado.				
BUTLER COUNTY --- 1.0 SE DOUGLASS [37.51, -97.01], 0.8 E DOUGLASS [37.52, -97.01], 0.5 E DOUGLASS [37.52, -97.01], 0.8 SE DOUGLASS [37.51, -97.01]				
	09/12/08 05:31 CST		55K	Flash Flood (due to Heavy Rain)
	09/12/08 15:31 CST		0.10K	Source: Broadcast Media

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Local broadcast media reported that a mobile home park was being evacuated due to high water in the town of Douglass.				
BUTLER COUNTY --- 3.1 NNE AUGUSTA [37.72, -96.97], 3.1 N AUGUSTA [37.73, -96.98], 1.1 NW AUGUSTA [37.69, -96.99], 1.1 N AUGUSTA [37.70, -96.98], 1.8 NNE AUGUSTA [37.71, -96.97]				
	09/12/08 05:47 CST		30K	Flash Flood (due to Heavy Rain)
	09/12/08 15:47 CST		0.20K	Source: Law Enforcement

Two water rescues took place in Augusta in and around Augusta City Lake, near Gavin Park. One vehicle near Gavin park was engulfed by the high water, stranding the motorist.

BUTLER COUNTY --- 3.5 NW EL DORADO RES [37.91, -96.86]				
	09/12/08 05:51 CST		0	Heavy Rain
	09/12/08 05:51 CST		0	Source: County Official

A county official reported 4.4 inches of rainfall since midnight.

COWLEY COUNTY --- 0.1 NNE ROCK [37.45, -97.00], 2.6 E ROCK [37.45, -96.95], 3.5 ESE ROCK [37.43, -96.94], 1.3 S ROCK [37.43, -97.00]				
	09/12/08 05:53 CST		5K	Flash Flood (due to Heavy Rain)
	09/12/08 10:53 CST		5K	Source: Law Enforcement

Cowley County Road 2 just east of Rock had water over the road.

COWLEY COUNTY --- 4.2 S UDALL [37.32, -97.11], 4.1 S UDALL [37.32, -97.13], 2.4 S UDALL [37.35, -97.13], 1.6 SSE UDALL [37.36, -97.11]				
	09/12/08 05:53 CST		0.25M	Flash Flood (due to Heavy Rain)
	09/12/08 10:53 CST		5K	Source: Law Enforcement

Cowley Highway 3 had water over the road 4 miles south of Udall.

SUMNER COUNTY --- 4.0 NE RIVERDALE [37.40, -97.34], 3.1 SSW BELLE PLAINE [37.36, -97.26], 5.0 SW BELLE PLAINE [37.34, -97.28], 3.1 ENE RIVERDALE [37.39, -97.35]				
	09/12/08 05:59 CST		6K	Flash Flood (due to Heavy Rain)
	09/12/08 13:59 CST		2K	Source: Law Enforcement

Water ran over numerous roads across the county. Fast running water covered the road along Highway 81 west of Belle Plaine and also south of Belle Plaine on Oliver near 60th Avenue. A water rescue was performed at 60th Avenue when a pickup truck tried to drive through 2 feet deep water and became stranded when his truck was pushed off the road. A local resident with an airboat helped in the rescue.

BUTLER COUNTY --- 1.8 WNW AUGUSTA [37.69, -97.01]				
	09/12/08 06:05 CST		0	Heavy Rain
	09/12/08 06:05 CST		0	Source: Trained Spotter

Six inches of rainfall fell over Augusta in a six hour period.

SEDGWICK COUNTY --- 3.9 SE MAIZE [37.73, -97.43], 3.3 SSW MAIZE [37.73, -97.49], 3.8 NW (ICT)WICHITA ARPT [37.68, -97.49], 3.2 W (ICT)WICHITA ARPT [37.64, -97.49], 1.4 WSW (ICT)WICHITA ARPT [37.65, -97.46], 2.2 NNE (ICT)WICHITA ARPT [37.68, -97.41]				
	09/12/08 06:30 CST		3.04M	Flash Flood (due to Heavy Rain)
	09/12/08 14:30 CST		0.10K	Source: Emergency Manager

Nine to twelve inches of rainfall during the morning commute hours causing widespread street flooding of roadways up to 2 to 3 feet deep on the West side of the City of Wichita. Law enforcement officials reported 150 people were rescued from vehicles or evacuated because of the high water. 114 homes reported some type of surface flooding due to the heavy rainfall and sewers and sump pumps backed up into 141 more homes. This unprecedented amount of rainfall mainly fell during a five hour period, reminding some of the Halloween Flood of 1998. The large amount of rainfall caused the Cowskin/Calfskin Creek to once again come out of its banks, flooding homes in the Dells and Hidden Lakes Subdivision. 35 people were evacuated from the Park West Retirement home along the banks of the creek. Calls about stalled vehicles overwhelmed towing businesses across the city.

SEDGWICK COUNTY --- 0.6 SE VALLEY CENTER [37.82, -97.36], 0.8 ESE VALLEY CENTER [37.82, -97.36], 0.7 E VALLEY CENTER [37.83, -97.36], 0.4 ESE VALLEY CENTER [37.83, -97.36], 0.3 NW VALLEY CENTER [37.83, -97.37], 0.5 SW VALLEY CENTER [37.82, -97.37]				
	09/12/08 06:33 CST		0.14M	Flash Flood (due to Heavy Rain)
	09/12/08 13:33 CST		0.10K	Source: Newspaper

Rainfall amounts of 10.80 inches caused widespread flooding across Valley Center. Hit the hardest was the Praire Lakes subdivision, where the large amount of rain caused the retention pond around the subdivision to rise rapidly and flood basements and stall cars. The Valley Center school district dismissed students early due to the high water and blocked access in and out of Valley Center.

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SEDGWICK COUNTY --- 3.9 ESE GODDARD [37.65, -97.51], 1.8 SSW CLEARWATER [37.48, -97.51], 5.3 W VIOLA [37.47, -97.75], 1.7 SE GARDEN PLAIN [37.65, -97.66]				
	09/12/08 06:38 CST		0.31M	Flash Flood (due to Heavy Rain)
	09/12/08 12:38 CST		0.10K	Source: Trained Spotter

Rainfall amounts of 6.40 inches lead to widespread reports of water over county roads southwest of Wichita.

SEDGWICK COUNTY --- 2.6 WSW PARK CITY [37.78, -97.36], 3.3 SW PARK CITY [37.76, -97.36], 1.9 SSW PARK CITY [37.77, -97.33], 0.7 SSE PARK CITY [37.79, -97.31], 0.3 ESE PARK CITY [37.80, -97.32], 0.8 WSW PARK CITY [37.80, -97.33]				
	09/12/08 06:39 CST		0.25M	Flash Flood (due to Heavy Rain)
	09/12/08 13:39 CST		0	Source: Newspaper

Almost 6 inches of rainfall overwhelmed the sewer and flood control systems in and around Park City. This caused the closure of portions of 53rd Street, Hydraulic and Broadway through town. Crews were called into to sandbag in and around The Park City Hall near 61st and Hydraulic.

SEDGWICK COUNTY --- PARK CITY [37.80, -97.32]				
	09/12/08 06:45 CST		0	Heavy Rain
	09/12/08 13:45 CST		0	Source: Trained Spotter

Observer reported 6.50 inches of rainfall in Park City.

COWLEY COUNTY --- 2.1 WSW WINFIELD [37.24, -97.02], 1.8 WSW WINFIELD [37.24, -97.01], 1.7 SW WINFIELD [37.24, -97.01], 1.9 SW WINFIELD [37.23, -97.01], 2.4 WSW WINFIELD [37.23, -97.02]				
	09/12/08 07:00 CST		0.26M	Flood (due to Heavy Rain)
	09/15/08 07:23 CST		0.50K	Source: Emergency Manager

Rapidly rising water along the Walnut River caused the Winfield Fairgrounds to flood. This flood caused the rapid evacuation of thousands of campers who had come to claim thier spot for the annual Walnut Valley Festival. Muddy conditions caused by up to 3.50 inches of rainfall lead to many of the campers to be pulled or towed out of the effected area. The water inundated the main grandstand and most of the stages, causing superficial damage but mainly caused some minor road damage.

SEDGWICK COUNTY --- 4.0 N VALLEY CENTER [37.89, -97.38], 2.7 SSE BENTLEY [37.84, -97.50], 2.7 NW BENTLEY [37.91, -97.55], 5.5 N VALLEY CENTER [37.91, -97.38]				
	09/12/08 07:01 CST	1	7K	Flash Flood (due to Heavy Rain)
	09/12/08 13:41 CST	1	10K	Source: Newspaper

Widespread heavy rains of 8 to 10 inches caused flooding of numerous county roads across Northern Sedgwick County. One fatality occurred to the south of the town of Sedgwick, near the 11200 block of North West, when a stalled motorist apparently attempted to flee his vehicle and was swept into the ditch by the fast moving water and drowned.

Direct Fatalities: M64VE

SEDGWICK COUNTY --- 2.6 SSE MAIZE [37.73, -97.46], 0.7 NE MAIZE [37.78, -97.46], 0.7 N MAIZE [37.78, -97.47], 1.6 SW MAIZE [37.75, -97.49], 2.4 SSW MAIZE [37.74, -97.48]				
	09/12/08 07:30 CST		0.14M	Flash Flood (due to Heavy Rain)
	09/12/08 13:30 CST		20K	Source: Newspaper

Almost 10 inches of rainfall closed roads in the town of Maize and just to the south of Maize. Numerous homes reported flooded basements. The high waters forced the Maize USD 266 school district to dismiss classes early due to the lack of open roads.

SEDGWICK COUNTY --- 3.9 NW (ICT)WICHITA ARPT [37.69, -97.48]				
	09/12/08 07:30 CST		0	Heavy Rain
	09/12/08 16:30 CST		0	Source: Trained Spotter

A National Weather Service employee measured 10.10 inches of rain.

SUMNER COUNTY --- 3.8 NNE CONWAY SPGS [37.45, -97.63], 1.2 NE CONWAY SPGS [37.41, -97.64], 3.6 NE MILTON [37.47, -97.73], 5.2 NE MILTON [37.47, -97.70]				
	09/12/08 09:15 CST		10K	Flash Flood (due to Heavy Rain)
	09/12/08 13:15 CST		5K	Source: Law Enforcement

Kansas Highway 49 north of Conway Springs and Kansas Highway 42 near Suppesville were closed due to high water.

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MARION COUNTY --- 2.1 SSW MARION RES [38.35, -97.15], 1.8 S MARION RES [38.35, -97.13], 2.3 S MARION RES [38.35, -97.13], 2.5 SSW MARION RES [38.35, -97.15]				
	09/12/08 09:34 CST		1K	Flash Flood (due to Heavy Rain)
	09/12/08 13:34 CST		1K	Source: Law Enforcement
Water was over county road 190th at Mustang.				
MARION COUNTY --- 5.6 SE PEABODY [38.11, -97.03], 5.2 ESE PEABODY [38.13, -97.02], 6.6 WNW BURNS [38.13, -96.98], 6.2 WNW BURNS [38.12, -96.98]				
	09/12/08 09:34 CST		1K	Flash Flood (due to Heavy Rain)
	09/12/08 13:34 CST		1K	Source: Law Enforcement
Water was over County Road 40th at Timber Road and Upland Road.				
KINGMAN COUNTY --- 0.2 S RAGO [37.45, -98.08]				
	09/12/08 10:30 CST		5K	Heavy Rain
	09/12/08 10:30 CST	1	0	Source: Newspaper
A vehicle traveling north, hit water standing on the roadway and lost control south of Rago on Kansas Highway 14. The driver of the car was injured when his left arm/elbow went through the drivers window.				
SUMNER COUNTY --- 2.6 ESE WELLINGTON [37.25, -97.36], 3.7 ESE WELLINGTON [37.26, -97.33], 5.3 SE WELLINGTON [37.21, -97.34], 4.4 SSE WELLINGTON [37.22, -97.36]				
	09/12/08 12:48 CST		25K	Flash Flood (due to Heavy Rain)
	09/13/08 13:55 CST		10K	Source: Department of Highways
Interstate 35 (The Kansas Turnpike) was closed due to high water at mile marker 16. This 2 mile stretch of road closure caused interstate traffic to be diverted at the Wellington, Kansas exit (mile marker 19) through Wellington, which then returned to the interstate at the South Haven, Kansas (mile marker 4) interchange.				
HARPER COUNTY --- 0.9 NE ATTICA [37.24, -98.22]				
	09/12/08 17:00 CST		0	Heavy Rain
	09/12/08 17:00 CST		0	Source: Broadcast Media
There was 3.80 inches of rainfall reported at Attica High School.				
SEDGWICK COUNTY --- 0.7 N CLEARWATER [37.51, -97.50]				
	09/12/08 17:00 CST		0	Heavy Rain
	09/12/08 17:00 CST		0	Source: Trained Spotter
A trained spotter reported 8.00 inches of rainfall for the storm.				
SUMNER COUNTY --- 3.8 ENE RIVERDALE [37.38, -97.33], 4.2 ENE RIVERDALE [37.39, -97.33], 5.1 NE RIVERDALE [37.41, -97.33], 5.9 NNE RIVERDALE [37.45, -97.36], 4.5 N RIVERDALE [37.44, -97.41]				
	09/13/08 00:59 CST		10K	Flood (due to Heavy Rain)
	09/13/08 12:59 CST		0.50K	Source: Emergency Manager
Flooding along the Ninnescah River lead to evacuations in the Ponderosa area west of Belle Plaine.				
SUMNER COUNTY --- 1.8 SSE ARGONIA [37.24, -97.76], 2.3 SSE ARGONIA [37.24, -97.75], 2.4 SSE ARGONIA [37.24, -97.75], 1.9 SSE ARGONIA [37.24, -97.76]				
	09/13/08 19:00 CST	1	10K	Flood (due to Heavy Rain)
	09/13/08 22:30 CST		0.10K	Source: Fire Department/Rescue
Raging water along the Chikaskia River caused 5 teenagers to become trapped, as they were rafting down the river. The water rescue that followed lead to 3 emergency workers ending up in the water along with the stranded teenagers. A volunteer firefighter then attempted to make an individual rescue, but lost his balance, and was swept under by the strong current. The man later died from injuries sustained during the rescue.				

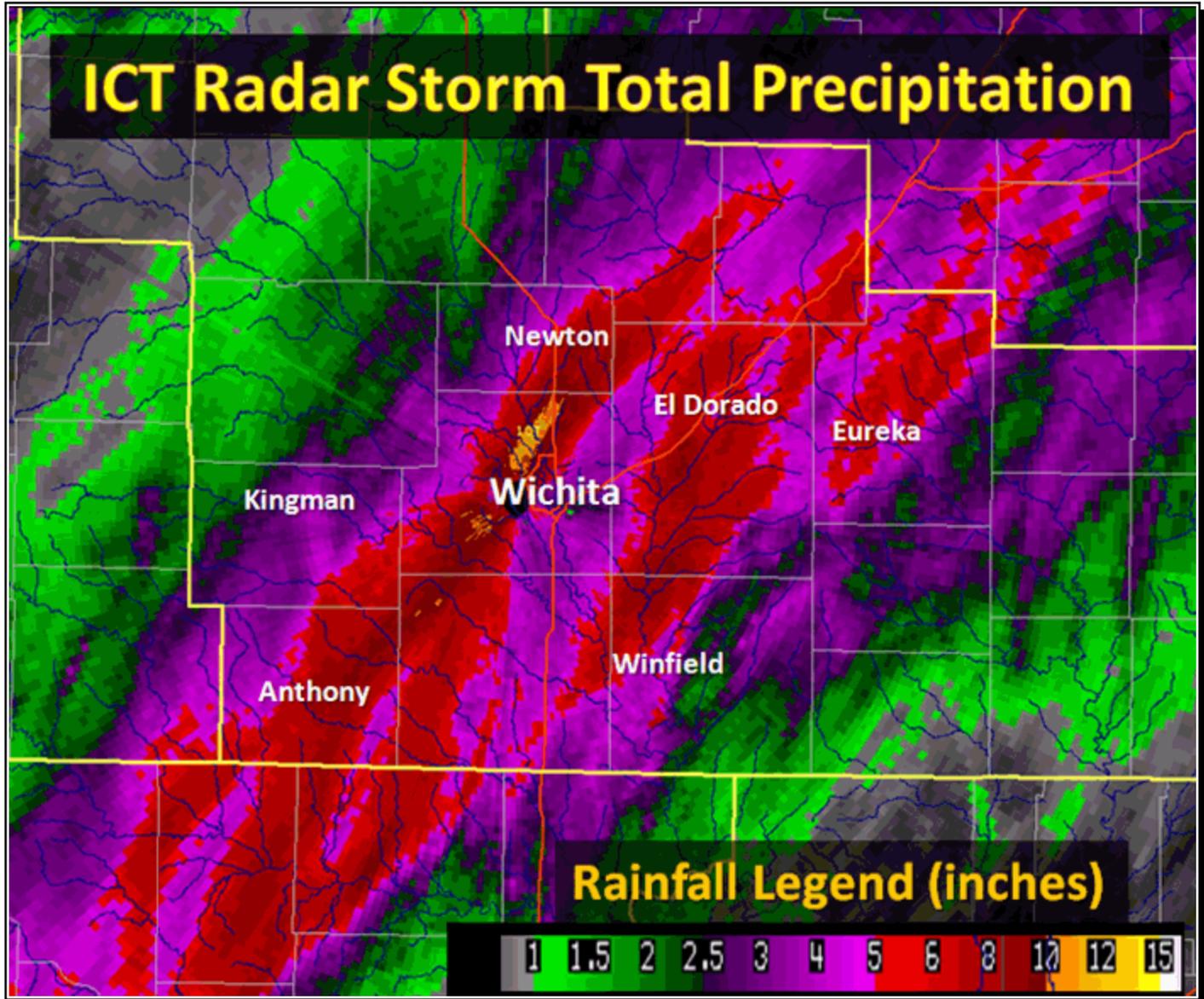
Direct Fatalities: M47IW

Moisture plume from the Southwest United States spread northeast towards the plains and interacted with a stationary boundary to produce a deluge of rainfall across Central and South Central Kansas. Rainfall amounts were generally around 5 inches, however

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isolated amounts reached up to 11.00 inches on the West side of Wichita, Kansas. Wichita Mid Continent Airport reported the greatest 24 rainfall total (10.31 inches) in its history.



Storm Total precipitation from the National Weather Service 88D radar in Wichita, Kansas on September 12th, 2008 shows the heaviest rainfall (almost 12 inches), across Northwest Wichita. Image by NWS Staff.

SALINE COUNTY --- 2.1 SE BROOKVILLE [38.75, -97.84]

09/23/08 15:45 CST	0	Hail (0.75 in)
09/23/08 15:45 CST	0	Source: Trained Spotter

SALINE COUNTY --- 2.3 NW BRIDGEPORT [38.65, -97.63], 2.3 NW MENTOR [38.75, -97.63], 1.8 N BROOKVILLE [38.80, -97.88], 5.1 W FALUN [38.66, -97.84]

09/23/08 16:00 CST	0	Flash Flood (due to Heavy Rain)
09/23/08 22:00 CST	0	Source: Trained Spotter

Slow moving thunderstorms produced as much as 6 inches of rain across roughly the southwest quarter of Saline county during the late afternoon and evening hours. Consequently, localized flooding occurred. Water covered the Highway 140 and Reese Road intersection 3 miles east of Brookville, 6 inches of water covered Assaria Road 4 miles west of Assaria, and water covered Link Road just south of Water Well Road 7 miles southeast of Brookville. No known public or private damage occurred.

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SALINE COUNTY --- 0.7 N SMOLAN [38.74, -97.68]				
	09/23/08 16:48 CST	0		Hail (0.75 in)
	09/23/08 16:48 CST	0		Source: Trained Spotter
SALINE COUNTY --- 6.3 S BROOKVILLE [38.68, -97.89]				
	09/23/08 17:30 CST	0		Hail (1.00 in)
	09/23/08 17:30 CST	0		Source: Trained Spotter
Nickel to quarter size hail occurred.				
SALINE COUNTY --- 5.4 E BROOKVILLE [38.77, -97.77]				
	09/23/08 18:15 CST	0		Hail (0.88 in)
	09/23/08 18:15 CST	0		Source: Trained Spotter
SALINE COUNTY --- 5.4 E BROOKVILLE [38.77, -97.77]				
	09/23/08 18:30 CST	0		Hail (1.75 in)
	09/23/08 18:30 CST	0		Source: Trained Spotter
SALINE COUNTY --- 3.3 WSW SMOLAN [38.72, -97.74]				
	09/23/08 18:34 CST	0		Hail (1.00 in)
	09/23/08 18:34 CST	0		Source: Trained Spotter
ELLSWORTH COUNTY --- 2.8 ENE WILSON [38.83, -98.42]				
	09/23/08 19:48 CST	0		Hail (1.00 in)
	09/23/08 19:48 CST	0		Source: Public

Widely scattered strong to severe thunderstorms erupted during the late afternoon and evening hours on September 23rd across portions of central Kansas, along and ahead of a weak frontal boundary. Hail up to golfball size occurred, along with localized flooding.