

Storm Data and Unusual Weather Phenomena - March 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
KANSAS, Extreme Southeast				
(KS-Z073) BOURBON, (KS-Z097) CRAWFORD, (KS-Z101) CHEROKEE				
	03/01/13 00:00 CST	0		Drought
	03/31/13 23:59 CST	0		
<p>March was slightly above normal on precipitation resulting in the improvement of drought conditions but long term drought conditions continued across southeast Kansas.</p>				
(KS-Z073) BOURBON				
	03/24/13 00:00 CST	0		Heavy Snow
	03/24/13 12:00 CST	0		
<p>A winter storm brought moderate to heavy snow to portions of extreme southeastern Kansas into central Missouri during the early morning and day time hours of March 24. Total snow accumulations ranged from 4 to 7 inches with the highest accumulations across central Missouri.</p>				
BOURBON COUNTY --- 2.6 NW HIATTVILLE [37.75, -94.91]				
	03/30/13 15:20 CST	0		Hail (0.75 in)
	03/30/13 15:20 CST	0		Source: Law Enforcement
<p>This spotter report was relayed through the Fort Scott Police Department.</p>				
BOURBON COUNTY --- 0.6 E HIATTVILLE [37.72, -94.87]				
	03/30/13 15:37 CST	0		Hail (1.00 in)
	03/30/13 15:37 CST	0		Source: Trained Spotter
CRAWFORD COUNTY --- 1.3 ENE FARLINGTON [37.63, -94.81]				
	03/30/13 15:53 CST	0		Hail (0.88 in)
	03/30/13 15:53 CST	0		Source: Law Enforcement
CRAWFORD COUNTY --- FARLINGTON [37.62, -94.83]				
	03/30/13 15:56 CST	0		Hail (1.00 in)
	03/30/13 15:56 CST	0		Source: Law Enforcement
CRAWFORD COUNTY --- 1.8 ESE ENGLEVALE [37.59, -94.70]				
	03/30/13 16:13 CST	0		Hail (0.88 in)
	03/30/13 16:13 CST	0		Source: Law Enforcement
CRAWFORD COUNTY --- 0.9 NE FRONTENAC [37.46, -94.69]				
	03/30/13 16:44 CST	0		Hail (0.75 in)
	03/30/13 16:44 CST	0		Source: Trained Spotter
CRAWFORD COUNTY --- 1.8 SW KIRKWOOD [37.35, -94.75]				
	03/30/13 17:39 CST	0		Hail (1.00 in)
	03/30/13 17:39 CST	0		Source: Trained Spotter
CHEROKEE COUNTY --- 3.5 N CRESTLINE [37.22, -94.71]				
	03/30/13 18:04 CST	0		Hail (1.00 in)
	03/30/13 18:04 CST	0		Source: Trained Spotter
CHEROKEE COUNTY --- CRESTLINE [37.17, -94.70]				
	03/30/13 18:15 CST	0		Hail (1.25 in)
	03/30/13 18:15 CST	0		Source: Emergency Manager
<p>A sharp cold front along with a strong upper level trough across the central plains region lead to the development of strong to severe thunderstorms which produced several reports of marginal severe hail.</p>				

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MISSOURI, Southwest				
(MO-Z066) VERNON, (MO-Z077) BARTON, (MO-Z088) JASPER, (MO-Z093) NEWTON, (MO-Z101) MCDONALD				
	03/01/13 00:00 CST	0		Drought
	03/31/13 23:59 CST	0		
<p>March was near or slightly above normal on precipitation resulting in the improvement of drought conditions but long term drought conditions continued for portions of the Missouri Ozarks.</p>				
JASPER COUNTY --- 1.5 SSW DUENWEG [37.06, -94.43]				
	03/17/13 01:20 CST	0		Hail (1.00 in)
	03/17/13 01:20 CST	0		Source: Law Enforcement
STONE COUNTY --- 3.5 N CRANE [36.95, -93.57]				
	03/17/13 14:26 CST	0		Hail (1.50 in)
	03/17/13 14:26 CST	0		Source: Amateur Radio
<p>Amateur radio reported hail on Highway 13 three miles north of Crane.</p>				
CHRISTIAN COUNTY --- 0.6 E CLEVER [37.03, -93.47]				
	03/17/13 14:35 CST	0		Hail (1.00 in)
	03/17/13 14:35 CST	0		Source: Trained Spotter
<p>Hail covered the roadway.</p>				
GREENE COUNTY --- 2.8 SSW SPRINGFIELD [37.16, -93.31]				
	03/17/13 14:49 CST	0		Hail (1.00 in)
	03/17/13 14:49 CST	0		Source: Amateur Radio
<p>Quarter size hail was reported on the James River Expressway.</p>				
GREENE COUNTY --- 1.4 S SGF DOWNTOWN ARPT [37.20, -93.23]				
	03/17/13 15:01 CST	0		Hail (0.88 in)
	03/17/13 15:01 CST	0		Source: Public
WEBSTER COUNTY --- 0.9 NW BEACH [37.44, -92.98]				
	03/17/13 19:17 CST	0		Heavy Rain
	03/17/13 19:17 CST	0		Source: Emergency Manager
<p>Low water crossings at Givens Branch off of Highway E and Highway EE and Highway W had water over the road.</p>				
DENT COUNTY --- 0.6 E SLIGO [37.78, -91.37], 0.9 SE SLIGO [37.77, -91.37], 0.5 SSE SLIGO [37.77, -91.38], 0.2 E SLIGO [37.78, -91.38]				
	03/17/13 23:15 CST	0		Flood (due to Heavy Rain)
	03/18/13 02:15 CST	0		Source: Department of Highways
<p>Highway TT was closed approximately one mile east of Highway 19 due to flooding.</p>				
DOUGLAS COUNTY --- 0.9 NE ANN [37.04, -92.19], 1.1 ENE ANN [37.04, -92.18], 0.6 NE ANN [37.04, -92.19], 0.8 NNE ANN [37.04, -92.19]				
	03/17/13 23:15 CST	0		Flood (due to Heavy Rain)
	03/18/13 02:15 CST	0		Source: Department of Highways
<p>Highway EE was closed in the vicinity of the North Fork of the White River due to flooding.</p>				
LACLEDE COUNTY --- 2.8 N HAZELGREEN [37.81, -92.43], 3.0 N HAZELGREEN [37.81, -92.42], 3.4 N HAZELGREEN [37.82, -92.43], 3.4 N HAZELGREEN [37.82, -92.43]				
	03/17/13 23:15 CST	0		Flood (due to Heavy Rain)
	03/18/13 02:15 CST	0		Source: Department of Highways
<p>Route FF in northeastern Laclede County was closed in the vicinity of Bear Creek due to flooding.</p>				

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LACLEDE COUNTY --- 5.2 NE DOVE [37.83, -92.63], 5.4 NE DOVE [37.83, -92.63], 5.2 NE DOVE [37.83, -92.63], 5.0 NE DOVE [37.83, -92.63]				
	03/17/13 23:15 CST		0	Flood (due to Heavy Rain)
	03/18/13 02:15 CST		0	Source: Department of Highways
Route BB in northern Laclede County was closed in the vicinity of Dry Auglaize Creek due to flooding.				
MILLER COUNTY --- 7.3 SE IBERIA [38.03, -92.22], 7.2 SE IBERIA [38.03, -92.22], 7.0 SE IBERIA [38.03, -92.22], 7.1 SE IBERIA [38.03, -92.22]				
	03/17/13 23:15 CST		0	Flood (due to Heavy Rain)
	03/18/13 02:15 CST		0	Source: Department of Highways
Route K in southeastern Miller County was closed in the vicinity of Little Tavern Creek due to flooding.				
PHELPS COUNTY --- 4.3 ESE POWELLVILLE [37.85, -91.95], 4.6 ESE POWELLVILLE [37.85, -91.95], 4.8 ESE POWELLVILLE [37.85, -91.94], 4.6 ESE POWELLVILLE [37.85, -91.94]				
	03/17/13 23:15 CST		0	Flood (due to Heavy Rain)
	03/18/13 02:15 CST		0	Source: Department of Highways
Route AA in west central Phelps County was closed in the vicinity of Mill Creek due to flooding.				
WRIGHT COUNTY --- 2.1 N JERKTAIL [37.45, -92.45], 2.2 N JERKTAIL [37.45, -92.44], 2.5 N JERKTAIL [37.46, -92.44], 2.5 N JERKTAIL [37.46, -92.45]				
	03/17/13 23:15 CST		0	Flood (due to Heavy Rain)
	03/18/13 02:15 CST		0	Source: Department of Highways
Route Z in north central Wright County was closed in the vicinity of Elk Creek due to flooding.				
LACLEDE COUNTY --- 2.6 NE RUSS [37.61, -92.57], 3.3 NE RUSS [37.62, -92.56], 3.3 NE RUSS [37.62, -92.56], 3.1 NE RUSS [37.61, -92.56]				
	03/17/13 23:28 CST		0	Flood (due to Heavy Rain)
	03/18/13 02:28 CST		0	Source: Department of Highways
Route B was closed in the vicinity of Cobbs Creek due to flooding.				
PHELPS COUNTY --- 2.1 SSE DILLON [37.94, -91.71], 2.3 SSE DILLON [37.94, -91.71], 2.2 S DILLON [37.94, -91.72], 2.0 S DILLON [37.94, -91.71]				
	03/17/13 23:52 CST		0	Flood (due to Heavy Rain)
	03/18/13 02:52 CST		0	Source: Trained Spotter
Approximately one foot of flowing water was over County Road 3000 in the vicinity of Little Dry Fork.				
A slow moving front help developed strong to severe thunderstorms which produced several reports of marginal severe hail. Heavy rainfall over some areas produced localized flooding across the Missouri Ozarks.				
(MO-Z082) TEXAS, (MO-Z091) WEBSTER, (MO-Z092) WRIGHT, (MO-Z096) DOUGLAS, (MO-Z097) HOWELL, (MO-Z105) OZARK, (MO-Z106) OREGON				
	03/21/13 14:00 CST		0	Winter Storm
	03/22/13 02:00 CST		0	
Moderate to heavy snow fell across portions of southern Missouri during the afternoon and evening ours of March 21, 2013. Total snow accumulations of 4 to 8 inches feel across south central Missouri with localized amounts near 10 inches.				
(MO-Z055) BENTON, (MO-Z056) MORGAN, (MO-Z057) MILLER, (MO-Z066) VERNON, (MO-Z067) ST. CLAIR				
	03/24/13 01:00 CST		0	Winter Storm
	03/24/13 14:00 CST		0	
A winter storm brought moderate to heavy snow to portions of extreme southeastern Kansas into central Missouri during the early morning and day time hours of March 24. Total snow accumulations ranged from 4 to 7 inches with the highest accumulations across central Missouri.				
JASPER COUNTY --- 4.5 NNE NECK CITY [37.31, -94.42]				
	03/30/13 17:08 CST		0	Hail (0.88 in)
	03/30/13 17:08 CST		0	Source: Trained Spotter
Trained spotter reported a wind gust up to 45 mph.				
JASPER COUNTY --- 0.6 E CARYTOWN [37.27, -94.31]				

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	03/30/13 17:18 CST		0	Hail (1.00 in)
	03/30/13 17:18 CST		0	Source: Amateur Radio
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JASPER COUNTY --- 0.9 SE RUSSELL [37.14, -94.06]				
	03/30/13 18:03 CST		0	Hail (1.00 in)
	03/30/13 18:03 CST		0	Source: Amateur Radio
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LAWRENCE COUNTY --- PIERCE CITY [36.95, -94.00]				
	03/30/13 18:15 CST		0	Hail (1.00 in)
	03/30/13 18:15 CST		0	Source: Trained Spotter
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JASPER COUNTY --- 1.3 WSW CHITWOOD [37.09, -94.57]				
	03/30/13 18:27 CST		0	Hail (1.50 in)
	03/30/13 18:27 CST		0	Source: Trained Spotter
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LAWRENCE COUNTY --- 2.2 W BONHAM [36.93, -93.72]				
	03/30/13 18:36 CST		0	Hail (0.88 in)
	03/30/13 18:36 CST		0	Source: Trained Spotter
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NEWTON COUNTY --- REDINGS MILL [37.02, -94.52]				
	03/30/13 18:50 CST		0	Hail (0.75 in)
	03/30/13 18:50 CST		0	Source: Fire Department/Rescue
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NEWTON COUNTY --- 2.1 SSE TIPTON FORD [36.95, -94.41]				
	03/30/13 19:08 CST		0	Hail (1.25 in)
	03/30/13 19:08 CST		0	Source: Trained Spotter
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POLK COUNTY --- 1.1 E FLEMINGTON [37.80, -93.50]				
	03/31/13 03:30 CST		0	Hail (0.88 in)
	03/31/13 03:30 CST		0	Source: COOP Observer
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Dime to nickel size hail fell for several minutes.				
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HICKORY COUNTY --- 1.5 SSW PITTSBURG [37.81, -93.31]				
	03/31/13 03:37 CST		0	Hail (0.88 in)
	03/31/13 03:37 CST		0	Source: Broadcast Media
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Nickel size hail covered the ground.				
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DALLAS COUNTY --- 1.4 S HANDLEY [37.51, -92.93]				
	03/31/13 04:21 CST		0	Hail (1.00 in)
	03/31/13 04:21 CST		0	Source: CoCoRaHS

Nickel to quarter size hail covered the ground.

A sharp cold front along with a strong upper level trough across the central plains region lead to the development of strong to severe thunderstorms which produced several reports of marginal severe hail.