

Storm Data and Unusual Weather Phenomena - January 2013

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

(KS-Z073) BOURBON, (KS-Z097) CRAWFORD, (KS-Z101) CHEROKEE

01/01/13 00:00 CST		0		Drought
01/31/13 23:59 CST		0		

January was near or slightly above normal on rainfall but long term drought conditions continued across southeast Kansas.

CRAWFORD COUNTY --- 0.6 E GIRARD [37.50, -94.84]

01/29/13 10:01 CST		0		Thunderstorm Wind (EG 52 kt)
01/29/13 10:01 CST		0		Source: Law Enforcement

A power pole was leaning over the road due to thunderstorm winds.

A strong cold front and associated deep trough moving across the central Plains states and Midwest caused a round of strong to severe thunderstorms to move across southeast Kansas.

MISSOURI, Southwest

(MO-Z055) BENTON, (MO-Z066) VERNON, (MO-Z067) ST. CLAIR, (MO-Z077) BARTON, (MO-Z079) POLK, (MO-Z080) DALLAS, (MO-Z088) JASPER, (MO-Z090) GREENE, (MO-Z091) WEBSTER, (MO-Z093) NEWTON, (MO-Z094) LAWRENCE, (MO-Z095) CHRISTIAN, (MO-Z101) MCDONALD, (MO-Z102) BARRY, (MO-Z103) STONE, (MO-Z104) TANEY

01/01/13 00:00 CST		0		Drought
01/31/13 23:59 CST		0		

January was near or slightly above normal on rainfall but long term drought conditions continued across portions of the Missouri Ozarks.

SHANNON COUNTY --- 4.8 SE MUNSETT [37.07, -91.27], 4.7 NE WINONA [37.07, -91.27], 4.9 NE WINONA [37.07, -91.26], 4.9 SE MUNSETT [37.07, -91.27]

01/12/13 22:30 CST		0		Flash Flood (due to Heavy Rain)
01/12/13 23:30 CST		0		Source: Department of Highways

MODOT reported that Route H was flooded and closed.

SHANNON COUNTY --- 5.5 S OWLS BEND [37.10, -91.21], 5.7 S OWLS BEND [37.10, -91.22], 5.5 S OWLS BEND [37.10, -91.22], 5.4 S OWLS BEND [37.10, -91.21]

01/12/13 22:30 CST		0		Flash Flood (due to Heavy Rain)
01/12/13 23:30 CST		0		Source: Department of Highways

MODOT reported that Highway NN was flooded and closed.

SHANNON COUNTY --- 2.3 ENE RAT [37.39, -91.19], 2.7 ENE RAT [37.40, -91.19], 3.3 ENE RAT [37.40, -91.18], 3.0 ENE RAT [37.39, -91.18]

01/13/13 03:16 CST		0		Flash Flood (due to Heavy Rain)
01/13/13 04:16 CST		0		Source: Department of Highways

MODOT reported that Highway P was flooded and closed to the Shannon and Reynolds county line.

OREGON COUNTY --- 1.1 W CALM [36.55, -91.19], 1.0 WSW CALM [36.55, -91.19], 1.5 W CALM [36.55, -91.20], 1.3 W CALM [36.55, -91.19]

01/13/13 09:25 CST		0		Flood (due to Heavy Rain)
01/13/13 10:25 CST		0		Source: Department of Highways

MODOT reported that Missouri Highway 142 was flooded on the Eleven Point River.

An area of slow moving thunderstorms which trained over the same local area caused heavy rainfall and isolated flooding over south central Missouri.

BARTON COUNTY --- 2.1 NE OSKALOOSA [37.65, -94.57]

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	01/29/13 10:25 CST		10K	Thunderstorm Wind (EG 52 kt)
	01/29/13 10:25 CST		0	Source: Emergency Manager

A barn was blown off the foundation near Missouri Highway K and Northwest 145th Lane.

CEDAR COUNTY --- 2.4 SSE CEDAR SPGS [37.84, -93.88], 2.6 NNW CAPLINGER MILLS [37.84, -93.83]

	01/29/13 11:00 CST		0.10M	Tornado (EF1, L: 2.66 mi , W: 200 yd)
	01/29/13 11:03 CST		0	Source: NWS Storm Survey

A NWS survey indicated that an EF-1 tornado touched down near Highway 39 and County Road 10500. The path was about 2 and a half miles long and about 200 yards wide. The tornado lifted along County Road 400 just east of County Road 1201. The tornado destroyed a portable carport and damaged or destroyed several outbuildings and barns. Several homes also received minor roof damage and numerous trees were uprooted or snapped.

CEDAR COUNTY --- 2.8 S CEDAR SPGS [37.83, -93.89]

	01/29/13 11:02 CST		1K	Thunderstorm Wind (EG 52 kt)
	01/29/13 11:02 CST		0	Source: Law Enforcement

A barn was reported damaged and power lines blown down.

CEDAR COUNTY --- 3.2 SSE CEDAR SPGS [37.83, -93.87]

	01/29/13 11:11 CST		5K	Thunderstorm Wind (EG 52 kt)
	01/29/13 11:11 CST		0	Source: Emergency Manager

There was minor roof and siding damage to a house. A power pole was snapped and a large tree was blown down.

ST. CLAIR COUNTY --- 2.5 NW GERSTER [37.98, -93.61], 4.1 SSE HARPER [38.02, -93.48]

	01/29/13 11:15 CST		0.20M	Tornado (EF1, L: 7.69 mi , W: 400 yd)
	01/29/13 11:23 CST		0	Source: NWS Storm Survey

A NWS survey indicated that an EF-1 tornado touched down in St. Clair County about two miles northwest of Gerster and continued on the ground for about eight and a half miles into western Hickory County. The tornado lifted about a mile north of Quincy. The width was estimated at about 400 yards with an estimated maximum wind speed of 90 to 100 mph. This tornado destroyed at least four barns and outbuildings. The tornado tore half the roof off another barn. Several homes received minor roof damage and numerous trees were uprooted or snapped.

ST. CLAIR COUNTY --- OSCEOLA [38.05, -93.70]

	01/29/13 11:18 CST		0	Thunderstorm Wind (EG 56 kt)
	01/29/13 11:18 CST		0	Source: Trained Spotter

A trained weather spotter reported a 65 mph wind gust.

ST. CLAIR COUNTY --- 3.8 NNE GERSTER [38.00, -93.55]

	01/29/13 11:20 CST		5K	Thunderstorm Wind (EG 52 kt)
	01/29/13 11:20 CST		0	Source: Emergency Manager

Numerous trees were reported down along Highway T, and a house had minor roof damage. Trees were blocking the side roads.

HICKORY COUNTY --- 0.6 W QUINCY [38.02, -93.48], 0.4 NNE QUINCY [38.02, -93.47]

	01/29/13 11:23 CST		25K	Tornado (EF1, L: 0.89 mi , W: 400 yd)
	01/29/13 11:25 CST		0	Source: NWS Storm Survey

This tornado was a continuation of a track that started in St. Clair County. A NWS survey indicated that an EF-1 tornado touched down in St. Clair County about two miles northwest of Gerster and continued on the ground for about eight and a half miles into western Hickory County. The tornado lifted about a mile north of Quincy. The width was estimated at about 400 yards with an estimated maximum wind speed of 90 to 100 mph. This tornado destroyed at least four barns and outbuildings. The tornado tore half the roof off another barn. Several homes received minor roof damage and numerous trees were uprooted or snapped.

HICKORY COUNTY --- QUINCY [38.02, -93.47]

	01/29/13 11:25 CST		2K	Thunderstorm Wind (EG 52 kt)
	01/29/13 11:25 CST		0	Source: State Official

Two trees were blown down and blocking Route 83. Power lines were down and a shed was blown across the road.

MORGAN COUNTY --- 1.8 SW ZWANZIG [38.31, -92.95]

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	01/29/13 11:57 CST		0	Thunderstorm Wind (EG 52 kt)
	01/29/13 11:57 CST		0	Source: State Official
Multiple trees were reported blown down near the intersection of Webb Road and Highway 135.				
MORGAN COUNTY --- 9.8 SSW ZWANZIG [38.20, -93.00]				
	01/29/13 12:02 CST		2K	Thunderstorm Wind (EG 52 kt)
	01/29/13 12:02 CST		0	Source: COOP Observer
Several trees were down in the area of Ivy Bend. Some trees were down over Highway 135. Minor structural damage was also reported. Time was estimated from radar.				
GREENE COUNTY --- 2.8 S PEARL [37.31, -93.48]				
	01/29/13 13:07 CST		5K	Thunderstorm Wind (EG 52 kt)
	01/29/13 13:07 CST		0	Source: NWS Storm Survey
Damage occurred to several outbuildings and barns. Several homes west of Willard had minor roof damage. Large branches and a couple trees were blown down.				
GREENE COUNTY --- 0.7 S SPRINGFIELD [37.19, -93.30]				
	01/29/13 13:39 CST		5K	Thunderstorm Wind (EG 52 kt)
	01/29/13 13:39 CST		0	Source: Public
A duplex near Grand and Fort Street had roof damage. A wood frame roof was partial blown off and power lines were knocked down.				
MARIES COUNTY --- 2.1 N VAN CLEVE [38.26, -92.17]				
	01/29/13 14:01 CST		0	Thunderstorm Wind (EG 52 kt)
	01/29/13 14:01 CST		0	Source: Emergency Manager
Two trees were reported down. One tree was blown down across County Road 219 off Route 133 and another across County Road 216 northeast of Route 133.				
PULASKI COUNTY --- 0.9 SE DIXON [37.99, -92.09]				
	01/29/13 14:05 CST		0	Hail (1.75 in)
	01/29/13 14:05 CST		0	Source: Public
There were several public reports of golf ball sized hail and a picture was posted on a local TV station website. Time was estimated by radar.				
PULASKI COUNTY --- 0.5 E CROCKER [37.95, -92.26]				
	01/29/13 14:52 CST		5K	Thunderstorm Wind (EG 52 kt)
	01/29/13 14:52 CST		0	Source: Public
A trampoline was moved over 70 feet and tore out the electric mast off the side of a house. This damage was caught on a residence security camera.				
STONE COUNTY --- 2.1 NNE KIMBERLING CITY [36.63, -93.42]				
	01/29/13 16:59 CST		0	Thunderstorm Wind (MG 50 kt)
	01/29/13 16:59 CST		0	Source: Mesonet
The mesonet site at Kimberling City measured a 58 mph wind gust.				
DOUGLAS COUNTY --- 0.0 SW MERRITT [36.90, -92.87], 0.2 SSE MERRITT [36.90, -92.87], 0.3 ESE MERRITT [36.90, -92.87], 0.2 ENE MERRITT [36.90, -92.87]				
	01/29/13 17:35 CST		0	Flood (due to Heavy Rain)
	01/29/13 18:35 CST		0	Source: Department of Highways
Water over the roadway was reported by MODOT.				
WRIGHT COUNTY --- 2.4 SSE NORWOOD [37.09, -92.41], 2.5 SSE NORWOOD [37.09, -92.41], 2.3 SSE NORWOOD [37.09, -92.42], 2.1 SSE NORWOOD [37.09, -92.41]				
	01/29/13 18:11 CST		0	Flood (due to Heavy Rain)
	01/29/13 19:11 CST		0	Source: Amateur Radio
Water was reported over C Highway.				

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TEXAS COUNTY --- 2.4 SSE HARTSHORN [37.24, -91.66]				
	01/29/13 18:25 CST		10K	Thunderstorm Wind (EG 52 kt)
	01/29/13 18:25 CST		0	Source: Fire Department/Rescue
Damage was reported to several barns and outbuildings. Several trees and power lines were reported blown down.				
HOWELL COUNTY --- 0.6 E BRANDSVILLE [36.65, -91.69]				
	01/29/13 18:30 CST		10K	Thunderstorm Wind (EG 52 kt)
	01/29/13 18:30 CST		0	Source: Emergency Manager
A trailer was blown from southwest to northeast across a railroad tracks and VV Highway. Time was estimated.				
HOWELL COUNTY --- 4.1 SSE HUTTON VLY [36.92, -91.84]				
	01/29/13 18:34 CST		0	Thunderstorm Wind (EG 52 kt)
	01/29/13 18:34 CST		0	Source: Emergency Manager
A tree was blown down onto Highway UU five miles east of Highway 63.				
HOWELL COUNTY --- BRANDSVILLE [36.65, -91.70]				
	01/29/13 18:43 CST		10K	Thunderstorm Wind (EG 52 kt)
	01/29/13 18:43 CST		0	Source: Emergency Manager
An abandoned trailer was blown into near by trees. A few trees were also blown down in the Brandsville area.				
DOUGLAS COUNTY --- 1.8 ENE AVA [36.96, -92.62], 1.6 ENE AVA [36.96, -92.62], 1.5 ENE AVA [36.96, -92.62], 1.6 ENE AVA [36.96, -92.62]				
	01/29/13 18:45 CST		0	Flood (due to Heavy Rain)
	01/29/13 19:45 CST		0	Source: Department of Highways
Route FF near Hunter Creek was closed due to flooding.				
STONE COUNTY --- 0.1 E HURLEY [36.93, -93.50], 0.2 ESE HURLEY [36.93, -93.50], 0.2 ESE HURLEY [36.93, -93.50], 0.2 E HURLEY [36.93, -93.50]				
	01/29/13 18:45 CST		0	Flood (due to Heavy Rain)
	01/29/13 19:45 CST		0	Source: Department of Highways
Route A near Spring Creek was closed due to flooding.				
OREGON COUNTY --- 2.6 ESE COUCH [36.58, -91.34]				
	01/29/13 19:05 CST		20K	Thunderstorm Wind (EG 52 kt)
	01/29/13 19:05 CST		0	Source: Public
Four outbuildings suffered moderate damage or were destroyed . Two of the buildings lost their walls. One wall was brick which was destroyed scattering bricks into a near by field. The location was near County Road 232 and Highway EE.				
DOUGLAS COUNTY --- 0.9 NE ANN [37.04, -92.19], 0.6 NE ANN [37.04, -92.19], 0.7 NE ANN [37.04, -92.19], 0.9 NE ANN [37.04, -92.19]				
	01/29/13 19:15 CST		0	Flood (due to Heavy Rain)
	01/29/13 20:15 CST		0	Source: Department of Highways
Route EE near the North Fork River was closed due to flooding.				
DOUGLAS COUNTY --- 2.6 W AVA MUNI MEML ARPT [36.96, -92.73], 2.4 W AVA MUNI MEML ARPT [36.97, -92.72], 2.4 W AVA MUNI MEML ARPT [36.97, -92.72], 2.6 W AVA MUNI MEML ARPT [36.97, -92.73]				
	01/29/13 19:19 CST		0	Flood (due to Heavy Rain)
	01/29/13 20:19 CST		0	Source: Department of Highways
Route Y near Cowskin Creek was closed due to flooding.				
A strong cold front and associated deep trough moving across the central Plains states and Midwest caused a round of strong to severe thunderstorms to move across the Missouri Ozarks.				