

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
KANSAS, Extreme Southeast				
CHEROKEE COUNTY --- 3.3 E COLUMBUS [37.17, -94.77]				
	05/11/11 18:20 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/11/11 18:20 CST		0	Source: Emergency Manager
Emergency management reported a large tree down.				
CRAWFORD COUNTY --- 0.7 S PITTSBURG [37.41, -94.70]				
	05/11/11 18:25 CST		0	Hail (1.00 in)
	05/11/11 18:25 CST		0	Source: Trained Spotter
CHEROKEE COUNTY --- 3.5 N GALENA [37.12, -94.64]				
	05/11/11 18:35 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/11/11 18:35 CST		0	Source: Emergency Manager
Emergency management reported a large tree down.				
<p>A linear convective complex stretching from northwestern Arkansas into Missouri pushed to the north northeast during the evening hours. The line of thunderstorms produced a few reports of downed trees due to thunderstorm wind gust as well as from a well defined outflow boundary that ran out ahead of the storm complex. Hail to the size of quarters was also reported in Pittsburg, Kansas from the system.</p>				
CRAWFORD COUNTY --- 0.6 W ARMA [37.53, -94.71]				
	05/12/11 15:45 CST		10K	Hail (1.75 in)
	05/12/11 15:45 CST		0	Source: Emergency Manager
CHEROKEE COUNTY --- 0.6 W MELROSE [37.03, -94.96]				
	05/12/11 16:34 CST		0	Hail (0.75 in)
	05/12/11 16:34 CST		0	Source: Emergency Manager
CHEROKEE COUNTY --- 0.9 NE BAXTER SPGS [37.03, -94.72]				
	05/12/11 16:53 CST		0	Hail (1.00 in)
	05/12/11 16:53 CST		0	Source: Trained Spotter
A trained weather spotter near the state line reported quarter size hail and estimated wind gusts up to 58 mph as well as a funnel cloud.				
CHEROKEE COUNTY --- 0.7 S RIVERTON [37.07, -94.70]				
	05/12/11 17:00 CST		10K	Hail (1.75 in)
	05/12/11 17:00 CST		0	Source: Emergency Manager
<p>An upper level low over western Kansas and associated pacific cold front moved into the region. This help developed numerous severe storms and a few supercells which produced very large hail and high wind gusts.</p>				
CHEROKEE COUNTY --- 2.6 WNW RIVERTON [37.10, -94.74]				
	05/20/11 06:35 CST		0	Hail (0.88 in)
	05/20/11 06:35 CST		0	Source: Emergency Manager
<p>The initial development of thunderstorms which produced flooding across portions of Missouri later in the day, produced isolated reports of marginal hail across portions of extreme southeast Kansas.</p>				
CRAWFORD COUNTY --- MC CUNE [37.35, -95.02]				
	05/22/11 15:29 CST		0	Hail (1.75 in)
	05/22/11 15:29 CST		0	Source: Public
CRAWFORD COUNTY --- MC CUNE [37.35, -95.02]				
	05/22/11 15:32 CST		0	Hail (1.00 in)
	05/22/11 15:32 CST		0	Source: Public

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CRAWFORD COUNTY --- MC CUNE [37.35, -95.02]				
	05/22/11 15:32 CST		0	Thunderstorm Wind (MG 52 kt)
	05/22/11 15:32 CST		0	Source: Trained Spotter
CHEROKEE COUNTY --- 2.6 ENE COLUMBUS [37.19, -94.79]				
	05/22/11 16:03 CST		50K	Hail (2.50 in)
	05/22/11 16:03 CST		0	Source: Public
CHEROKEE COUNTY --- 2.1 NNE NEUTRAL [37.13, -94.79]				
	05/22/11 16:08 CST		0	Funnel Cloud
	05/22/11 16:08 CST		0	Source: Trained Spotter
Storm spotters reported multiple funnel clouds.				
CHEROKEE COUNTY --- 1.1 E COLUMBUS [37.17, -94.81]				
	05/22/11 16:10 CST		0	Hail (1.75 in)
	05/22/11 16:10 CST		0	Source: Trained Spotter
CHEROKEE COUNTY --- 0.7 S RIVERTON [37.07, -94.70]				
	05/22/11 16:25 CST		0	Funnel Cloud
	05/22/11 16:25 CST		0	Source: Broadcast Media
Funnel clouds were reported from the media and Storm Studio Live video feed.				
CHEROKEE COUNTY --- 0.9 NW GALENA [37.08, -94.64]				
	05/22/11 16:34 CST		0	Funnel Cloud
	05/22/11 16:34 CST		0	Source: Public
A strong upper level trough across the central plains region and a strong upper level disturbance along with a frontal boundary in the area produced numerous severe storms with a few supercells across southeast Kansas.				
CHEROKEE COUNTY --- 0.7 S HALLOWELL [37.16, -95.00], 0.1 SSW HALLOWELL [37.17, -95.00], 0.7 E HALLOWELL [37.17, -94.99], 0.9 SE HALLOWELL [37.16, -94.99]				
	05/24/11 09:33 CST		0	Flash Flood (due to Heavy Rain)
	05/24/11 09:33 CST		0	Source: Emergency Manager
Southwest 90th Street near Wyandotte Road was closed due to high water.				
CHEROKEE COUNTY --- 1.9 SSE FAULKNER [37.08, -95.00], 2.7 SE FAULKNER [37.08, -94.98], 1.7 E FAULKNER [37.10, -94.99], 0.9 E FAULKNER [37.10, -95.00]				
	05/24/11 09:33 CST		0	Flash Flood (due to Heavy Rain)
	05/24/11 09:33 CST		0	Source: Emergency Manager
Southwest 90th Street between Beasley Road and Quaker Road was closed due to high water.				
CHEROKEE COUNTY --- 0.6 E FAULKNER [37.10, -95.01]				
	05/24/11 19:58 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/24/11 19:58 CST		0	Source: Emergency Manager
Several trees were blown down on 90th Street between Faulkner and Melrose, Kansas.				
CHEROKEE COUNTY --- 0.6 E NEUTRAL [37.10, -94.79]				
	05/24/11 20:24 CST		0	Funnel Cloud
	05/24/11 20:24 CST		0	Source: Storm Chaser
BOURBON COUNTY --- 3.4 SE DEVON [37.89, -94.77]				
	05/24/11 20:32 CST		5K	Lightning
	05/24/11 20:32 CST		0	Source: Emergency Manager

A home was hit by lightning which resulted in a small fire in the south area of Fort Scott.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHEROKEE COUNTY --- 1.1 E COLUMBUS [37.17, -94.81]				
	05/24/11 20:55 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/24/11 20:55 CST		0	Source: Emergency Manager
Several trees and power poles were blown down.				
CHEROKEE COUNTY --- 0.7 S SHERWIN [37.17, -94.95]				
	05/24/11 20:58 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/24/11 20:58 CST		0	Source: Emergency Manager
Several power poles and trees were blown down 6 miles west of Columbus on Highway 160.				
CHEROKEE COUNTY --- 0.9 NW GALENA [37.08, -94.64]				
	05/24/11 20:59 CST		0	Thunderstorm Wind (MG 61 kt)
	05/24/11 20:59 CST		0	Source: Emergency Manager
CHEROKEE COUNTY --- 0.9 NW GALENA [37.08, -94.64]				
	05/24/11 21:00 CST		0	Thunderstorm Wind (EG 52 kt)
	05/24/11 21:00 CST	1	0	Source: Storm Chaser
A SUV was blown off the road at 7th and Chico Road.				
CHEROKEE COUNTY --- CRESTLINE [37.17, -94.70]				
	05/24/11 21:02 CST		0	Thunderstorm Wind (MG 59 kt)
	05/24/11 21:02 CST		0	Source: Storm Chaser
A strong upper level trough across the central plains region and an upper level disturbance along with a frontal boundary in the area produced numerous severe storms.				
MISSOURI, Southwest				
HOWELL COUNTY --- 1.3 ESE LEOTA [36.52, -92.01], 1.1 ESE LEOTA [36.52, -92.01], 1.1 SE LEOTA [36.52, -92.01], 1.3 SE LEOTA [36.52, -92.01]				
	05/01/11 18:40 CST		0	Flash Flood (due to Heavy Rain)
	05/01/11 19:40 CST		0	Source: Department of Highways
The Missouri Department of Highways reported Highway 142 was flooded and closed.				
HOWELL COUNTY --- 1.4 W POTTERSVILLE [36.70, -92.05], 1.4 WSW POTTERSVILLE [36.70, -92.05], 1.3 WSW POTTERSVILLE [36.70, -92.05], 1.3 W POTTERSVILLE [36.70, -92.05]				
	05/01/11 19:00 CST		0	Flash Flood (due to Heavy Rain)
	05/01/11 20:00 CST		0	Source: Department of Highways
The Missouri Department of Highways reported Highway K was flooded and closed.				
BARRY COUNTY --- 3.1 NW MONETT FRIEND ARPT [36.93, -94.06], 3.3 NW MONETT FRIEND ARPT [36.94, -94.06], 3.0 NNW MONETT FRIEND ARPT [36.94, -94.05], 2.8 NW MONETT FRIEND ARPT [36.93, -94.05]				
	05/01/11 21:00 CST		0	Flash Flood (due to Heavy Rain)
	05/01/11 22:00 CST		0	Source: Emergency Manager
Emergency manager reported numerous low water crossings in the northern third of Barry County were flooded.				
PHELPS COUNTY --- 3.4 WSW ZION HILL [37.91, -91.69], 3.2 WSW ZION HILL [37.91, -91.68], 3.0 WSW ZION HILL [37.91, -91.68], 3.1 WSW ZION HILL [37.91, -91.68]				
	05/01/11 21:30 CST		0	Flash Flood (due to Heavy Rain)
	05/01/11 22:30 CST		0	Source: Emergency Manager
Emergency manager reported several low water crossing flooded in Phelps County.				

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OREGON COUNTY --- 3.1 WSW GARFIELD [36.60, -91.45], 2.7 WSW GARFIELD [36.60, -91.44], 2.5 WSW GARFIELD [36.60, -91.44], 2.8 WSW GARFIELD [36.60, -91.45]				
	05/02/11 00:00 CST	0		Flash Flood (due to Heavy Rain)
	05/02/11 01:00 CST	0		Source: Law Enforcement
Law enforcement reported the low water crossing on Route A off of Route 9 was flooded and there was one water rescue conducted.				
DOUGLAS COUNTY --- 0.9 NE SWEDEN [36.89, -92.49], 1.1 WSW EVANS [36.89, -92.47], 1.1 NNE RIPPEE [36.89, -92.46], 1.1 NNW RIPPEE [36.88, -92.48]				
	05/02/11 00:30 CST	0		Flash Flood (due to Heavy Rain)
	05/02/11 01:30 CST	0		Source: Law Enforcement
Law enforcement reported several low water crossing flooded throughout Douglas County.				
SHANNON COUNTY --- 3.6 ENE WINONA [37.04, -91.27], 3.8 ENE WINONA [37.04, -91.27], 3.7 ENE WINONA [37.04, -91.27], 3.5 ENE WINONA [37.04, -91.27]				
	05/02/11 00:30 CST	0		Flash Flood (due to Heavy Rain)
	05/02/11 01:30 CST	0		Source: Fire Department/Rescue
Fire department reported a water rescue was conducted on Highway H. The motorist was rescued from a stalled vehicle during flooding.				
A stubborn upper level trough over the central and southern Plains region along with a stalled out stationary front over the lower Mississippi Valley produced several rounds of moderate to heavy rainfall especially over the southern and eastern Ozarks. Rainfall amounts over a two day period averaged from one to four inches with isolated higher amounts.				
VERNON COUNTY --- 0.9 SE RICHARDS [37.91, -94.56]				
	05/07/11 03:20 CST	0		Hail (0.75 in)
	05/07/11 03:20 CST	0		Source: Law Enforcement
BARTON COUNTY --- 0.9 SE GOLDEN CITY [37.39, -94.09]				
	05/07/11 03:40 CST	0		Hail (1.00 in)
	05/07/11 03:40 CST	0		Source: Emergency Manager
BARTON COUNTY --- 2.8 WSW GOLDEN CITY [37.39, -94.15]				
	05/07/11 03:40 CST	0		Hail (1.00 in)
	05/07/11 03:40 CST	0		Source: Emergency Manager
GREENE COUNTY --- 0.7 S REPUBLIC [37.11, -93.48]				
	05/07/11 04:35 CST	0		Hail (0.75 in)
	05/07/11 04:35 CST	0		Source: NWS Employee
A NWS employee reported penny size hail.				
ST. CLAIR COUNTY --- 0.7 N OSCEOLA MUNI ARPT [38.03, -93.70]				
	05/07/11 04:40 CST	0		Hail (0.88 in)
	05/07/11 04:40 CST	0		Source: Law Enforcement
A cluster of thunderstorms developed with an upper level disturbance moving across the Ozarks during the early morning hours. Isolated strong to severe thunderstorms developed with this disturbance and produced a few reports of marginal severe hail.				
MILLER COUNTY --- 0.9 NW MARYS HOME [38.31, -92.36]				
	05/09/11 07:49 CST	0		Hail (0.88 in)
	05/09/11 07:49 CST	0		Source: Public
The public reported mostly dime size with a few nickel sized hail stones.				
MILLER COUNTY --- 0.9 NW MARYS HOME [38.31, -92.36]				
	05/09/11 07:52 CST	0		Hail (1.00 in)
	05/09/11 07:52 CST	0		Source: Public
The public reported quarter sized hail at Our Lady of Show Church.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A warm front moving eastward across central Missouri developed isolated strong to severe thunderstorms which produced marginal severe hail.</p>				
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MCDONALD COUNTY --- 0.7 SE ANDERSON [36.64, -94.42], 1.2 ESE ANDERSON [36.65, -94.41]	05/11/11 18:23 CST		10K	Tornado (EF0, L: 0.79 mi , W: 75 yd)
	05/11/11 18:26 CST		0	Source: NWS Storm Survey
<p>A National Weather Service damage survey team confirmed that an EF-0 tornado touched down to the east of Anderson in far southwest Missouri around 723 PM CDT Wednesday evening...and traveled approximately three quarters of a mile before lifting. Maximum width was approximately 75 yards wide.</p> <p>Unlike tornadoes produced by supercells and normally located at the back edge of the storm...this tornado formed along the leading edge of a gust front ahead of a band of thunderstorms that had moved into western McDonald County. A few downed limbs east of the McDonald High School on Cedar Street provided the first indication of the severe event that would lead to a tornado that moved along Cedar Street from the Highway 71 Bridge to Mud Springs Road.</p> <p>A few shallow uprooted trees and numerous downed large limbs along the path indicated that maximum winds within the tornado were 70 to 80 mph. This was also consistent with damage to a barn as well as minor shingle damage to a house along the path. Winds appeared to be enhanced as the gust front crossed the Highway 71 underpass. Most of the tree debris at this point was laying to the east...though some larger trees were laying northeast to north indicating a convergent path.</p> <p>The storm continued to down limbs eastward along Cedar Street...though turned sharply to the north at the intersection of Cedar and Mud Springs before lifting. Large limbs were downed to the east...north and west at this intersection...indicating a rotating debris pattern of a tornado. The tornado was further confirmed by an eyewitness who reported rotation as the storm approached Mud Springs Road.</p> <p>A linear convective complex stretching from northwestern Arkansas into Missouri pushed to the north northeast during the evening hours. The line of thunderstorms produced a few reports of downed trees due to thunderstorm wind gust as well as from a well defined outflow boundary that ran out ahead of the storm complex. Hail to the size of quarters was also reported in Pittsburg, Kansas from the system.</p>				
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ST. CLAIR COUNTY --- 0.9 SSW APPLETON CITY [38.19, -94.04], 2.0 ENE APPLETON CITY [38.21, -94.00]	05/11/11 19:35 CST		8K	Tornado (EF0, L: 2.69 mi , W: 50 yd)
	05/11/11 19:38 CST		0	Source: NWS Storm Survey
<p>A National Weather Service storm survey determined that an EF-0 tornado touched down near the western edge of Appleton City and continued intermittently to near 2.5 miles northeast of town. The tornado downed several trees and caused minor shingle and roof damage to a few homes.</p>				
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DOUGLAS COUNTY --- 0.6 W AVA [36.95, -92.66]	05/12/11 15:45 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/12/11 15:45 CST		0	Source: Law Enforcement
<p>Several large limbs were blown down around town along with isolated power outages.</p>				
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DOUGLAS COUNTY --- 1.3 ENE HEST [36.91, -92.66]	05/12/11 15:46 CST		0	Hail (0.75 in)
	05/12/11 15:46 CST		0	Source: Amateur Radio
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CEDAR COUNTY --- 0.9 SE BEARCREEK [37.64, -93.66]	05/12/11 16:00 CST		0	Hail (1.00 in)
	05/12/11 16:00 CST		0	Source: Law Enforcement
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WRIGHT COUNTY --- 1.8 ENE CEDAR GAP [37.11, -92.65]	05/12/11 16:10 CST		50K	Hail (2.75 in)
	05/12/11 16:10 CST		0	Source: Trained Spotter
<p>Hail fell in town producing roof and car damage.</p>				
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VERNON COUNTY --- 0.9 NE BRONAUGH [37.69, -94.47]	05/12/11 16:19 CST		0	Hail (0.88 in)
	05/12/11 16:19 CST		0	Source: Emergency Manager
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DADE COUNTY --- 2.3 WNW ERNEST [37.49, -93.96]				

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	05/12/11 16:20 CST		10K	Hail (2.00 in)
	05/12/11 16:20 CST		0	Source: Public
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DADE COUNTY --- 0.6 E CIRCOLA [37.55, -93.87]				
	05/12/11 16:21 CST		0	Hail (1.00 in)
	05/12/11 16:21 CST		0	Source: Law Enforcement
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ST. CLAIR COUNTY --- OSCEOLA [38.05, -93.70]				
	05/12/11 16:30 CST		0	Hail (1.75 in)
	05/12/11 16:30 CST		0	Source: Public
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DADE COUNTY --- 0.6 E CIRCOLA [37.55, -93.87]				
	05/12/11 16:36 CST		0	Hail (1.75 in)
	05/12/11 16:36 CST		0	Source: Amateur Radio
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CAMDEN COUNTY --- 0.5 E MACKS CREEK [37.97, -92.97]				
	05/12/11 16:50 CST		0	Hail (1.75 in)
	05/12/11 16:50 CST		0	Source: Amateur Radio
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The hail fell just south of town in a mainly rural location.				
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POLK COUNTY --- 2.1 NNE FAIR PLAY [37.66, -93.57]				
	05/12/11 17:00 CST		0	Hail (1.75 in)
	05/12/11 17:00 CST		0	Source: Trained Spotter
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ST. CLAIR COUNTY --- 0.9 NW TIFFIN [37.96, -93.94]				
	05/12/11 17:02 CST		0	Hail (1.25 in)
	05/12/11 17:02 CST		0	Source: Emergency Manager
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JASPER COUNTY --- CARL JCT [37.18, -94.57]				
	05/12/11 17:10 CST		0	Hail (1.00 in)
	05/12/11 17:10 CST		0	Source: Amateur Radio
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POLK COUNTY --- 2.6 WNW HURON [37.74, -93.41]				
	05/12/11 17:10 CST		0	Hail (1.50 in)
	05/12/11 17:10 CST		0	Source: CoCoRaHS
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POLK COUNTY --- 2.6 ENE DUNNEGAN [37.72, -93.54]				
	05/12/11 17:14 CST		0	Hail (1.50 in)
	05/12/11 17:14 CST		0	Source: Storm Chaser
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JASPER COUNTY --- CARL JCT [37.18, -94.57]				
	05/12/11 17:15 CST		0	Hail (1.00 in)
	05/12/11 17:15 CST		0	Source: Trained Spotter
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LACLEDE COUNTY --- 4.6 WSW ABO [37.68, -92.55]				
	05/12/11 17:15 CST		0	Hail (2.50 in)
	05/12/11 17:15 CST		0	Source: Broadcast Media
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Hail to the size of tennis balls was reported in a mainly rural area and relayed by the media.				
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CAMDEN COUNTY --- SUNRISE BEACH [38.18, -92.78]				
	05/12/11 17:16 CST		12K	Hail (1.75 in)
	05/12/11 17:16 CST		0	Source: Emergency Manager
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Hail fell in a sparsely populated area. However, a few homes and businesses received some roof damage.				
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CAMDEN COUNTY --- SUNRISE BEACH [38.18, -92.78]				

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	05/12/11 17:20 CST		0.30M	Hail (4.25 in)
	05/12/11 17:20 CST		0	Source: Emergency Manager
Hail to the size of softballs fell damaging roofs of homes and businesses. The hail also broke windows out of cars and damaged other structures.				
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JASPER COUNTY --- 0.9 SE ORONOGO [37.19, -94.47]				
	05/12/11 17:20 CST		10K	Thunderstorm Wind (EG 52 kt)
	05/12/11 17:20 CST		0	Source: Emergency Manager
There was minor siding damage to a couple homes and a couple trees were blown down.				
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JASPER COUNTY --- 1.0 SE BROOKLYN HGTS [37.17, -94.39]				
	05/12/11 17:20 CST		0	Funnel Cloud
	05/12/11 18:20 CST		0	Source: Public
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LACLEDE COUNTY --- FALCON [37.60, -92.38]				
	05/12/11 17:20 CST		0	Hail (1.00 in)
	05/12/11 17:20 CST		0	Source: Emergency Manager
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HICKORY COUNTY --- PITTSBURG [37.83, -93.30]				
	05/12/11 17:25 CST		0	Hail (0.75 in)
	05/12/11 17:25 CST		0	Source: Emergency Manager
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HICKORY COUNTY --- PITTSBURG [37.83, -93.30]				
	05/12/11 17:39 CST		0	Hail (1.75 in)
	05/12/11 17:39 CST		0	Source: Trained Spotter
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JASPER COUNTY --- 1.3 ENE JASPER [37.34, -94.30]				
	05/12/11 17:40 CST		0	Hail (0.88 in)
	05/12/11 17:40 CST		0	Source: Public
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LACLEDE COUNTY --- 1.5 SSW HAZELGREEN [37.75, -92.44]				
	05/12/11 17:43 CST		0	Hail (1.00 in)
	05/12/11 17:43 CST		0	Source: Trained Spotter
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BARTON COUNTY --- 0.3 SW NEWPORT [37.53, -94.10]				
	05/12/11 17:45 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/12/11 17:45 CST		0	Source: Emergency Manager
A few trees were blown down near Newport.				
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NEWTON COUNTY --- 0.9 SW SENECA [36.84, -94.61]				
	05/12/11 17:46 CST		0	Hail (0.88 in)
	05/12/11 17:46 CST		0	Source: Emergency Manager
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DALLAS COUNTY --- 0.9 NE LOUISBURG [37.76, -93.14]				
	05/12/11 17:47 CST		0	Hail (1.00 in)
	05/12/11 17:47 CST		0	Source: State Official
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NEWTON COUNTY --- 1.5 SSE FREDVILLE [36.90, -94.41]				
	05/12/11 17:55 CST		0	Hail (1.00 in)
	05/12/11 17:55 CST		0	Source: Trained Spotter
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DADE COUNTY --- 0.6 E GREENFIELD [37.42, -93.84]				
	05/12/11 18:00 CST		0	Hail (0.75 in)
	05/12/11 18:00 CST		0	Source: Trained Spotter
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CEDAR COUNTY --- 0.6 E JERICO SPGS [37.62, -94.01]				

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	05/12/11 18:05 CST		0	Hail (0.88 in)
	05/12/11 18:05 CST		0	Source: Emergency Manager
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MORGAN COUNTY --- 1.8 ENE MARVIN [38.43, -92.74]				
	05/12/11 18:05 CST		0	Hail (0.88 in)
	05/12/11 18:05 CST		0	Source: Trained Spotter
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NEWTON COUNTY --- 2.2 SW DIAMOND SHEPERD ARPT [36.96, -94.35]				
	05/12/11 18:05 CST		0	Hail (2.75 in)
	05/12/11 18:05 CST		0	Source: Amateur Radio
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HICKORY COUNTY --- 4.7 SSE JORDAN [37.97, -93.11]				
	05/12/11 18:13 CST		0.10M	Hail (2.00 in)
	05/12/11 18:13 CST		0	Source: Trained Spotter
Hail fell in the town of Almon damaging roofs and cars.				
<hr/>				
CAMDEN COUNTY --- 3.3 W MACKS CREEK [37.97, -93.04]				
	05/12/11 18:16 CST		0	Hail (1.00 in)
	05/12/11 18:16 CST		0	Source: Emergency Manager
<hr/>				
CAMDEN COUNTY --- 0.5 E MACKS CREEK [37.97, -92.97]				
	05/12/11 18:25 CST		0	Hail (1.75 in)
	05/12/11 18:25 CST		0	Source: Fire Department/Rescue
<hr/>				
JASPER COUNTY --- 1.6 W SARCOXIE [37.07, -94.15]				
	05/12/11 18:25 CST		0	Hail (1.00 in)
	05/12/11 18:25 CST		0	Source: Amateur Radio
<hr/>				
CAMDEN COUNTY --- SUNRISE BEACH [38.18, -92.78]				
	05/12/11 18:45 CST		0	Hail (1.00 in)
	05/12/11 18:45 CST		0	Source: Law Enforcement
<hr/>				
POLK COUNTY --- 0.9 SE BOLIVAR [37.61, -93.41]				
	05/12/11 18:45 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/12/11 18:45 CST		0	Source: Emergency Manager
A large sign was damaged.				
<hr/>				
DALLAS COUNTY --- 0.7 N URBANA [37.84, -93.17]				
	05/12/11 18:55 CST		0	Hail (1.00 in)
	05/12/11 18:55 CST		0	Source: Emergency Manager
<hr/>				
GREENE COUNTY --- 0.3 SE REPUBLIC [37.12, -93.48]				
	05/12/11 18:55 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/12/11 18:55 CST		0	Source: Emergency Manager
A barn was damaged.				
<hr/>				
DALLAS COUNTY --- 0.7 N URBANA [37.84, -93.17]				
	05/12/11 19:20 CST		0	Hail (1.75 in)
	05/12/11 19:20 CST		0	Source: Emergency Manager
<hr/>				
GREENE COUNTY --- 3.5 NE BATTLEFIELD [37.16, -93.34]				
	05/12/11 19:25 CST		0	Thunderstorm Wind (MG 53 kt)
	05/12/11 19:25 CST		0	Source: Trained Spotter
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GREENE COUNTY --- 2.3 W SEQUIOTA [37.15, -93.27]				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/12/11 19:31 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/12/11 19:31 CST		0	Source: Emergency Manager
A power line was blown down near Rogers and Fremont streets.				
<hr/>				
DOUGLAS COUNTY --- 1.8 ESE ROY [36.87, -92.77]	05/12/11 19:56 CST		10K	Thunderstorm Wind (EG 52 kt)
	05/12/11 19:56 CST		0	Source: Law Enforcement
One hundred feet of roofing was blown off of a home.				
<hr/>				
DOUGLAS COUNTY --- 0.6 W AVA [36.95, -92.66]	05/12/11 20:00 CST		0	Thunderstorm Wind (MG 54 kt)
	05/12/11 20:00 CST		0	Source: Amateur Radio
<hr/>				
LACLEDE COUNTY --- 5.6 NE ELDRIDGE [37.89, -92.70]	05/12/11 20:04 CST		0	Hail (1.00 in)
	05/12/11 20:04 CST		0	Source: Emergency Manager
<hr/>				
LACLEDE COUNTY --- 0.9 SE LEBANON [37.67, -92.66]	05/12/11 20:11 CST		0	Thunderstorm Wind (EG 52 kt)
	05/12/11 20:11 CST		0	Source: Emergency Manager
Emergency manager estimated wind gusts up to 60 mph.				
<hr/>				
DOUGLAS COUNTY --- 0.9 NE ROME [36.84, -92.77]	05/12/11 20:12 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/12/11 20:12 CST		0	Source: Law Enforcement
Trees were blown down along Highway A.				
<hr/>				
LACLEDE COUNTY --- HAZELGREEN [37.77, -92.43]	05/12/11 20:12 CST		0	Hail (1.00 in)
	05/12/11 20:12 CST		0	Source: Emergency Manager
<hr/>				
DOUGLAS COUNTY --- 0.6 W AVA [36.95, -92.66]	05/12/11 20:14 CST		0	Thunderstorm Wind (EG 52 kt)
	05/12/11 20:14 CST		0	Source: Amateur Radio
An amateur radio operator estimated wind gusts up to 60 mph.				
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WRIGHT COUNTY --- 0.7 S MANSFIELD [37.11, -92.58]	05/12/11 20:30 CST		0	Hail (0.75 in)
	05/12/11 20:30 CST		0	Source: Emergency Manager
<hr/>				
OZARK COUNTY --- 1.5 NNE TECUMSEH [36.60, -92.27]	05/12/11 20:35 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/12/11 20:35 CST		0	Source: Law Enforcement
A couple trees were blown down.				
<hr/>				
PULASKI COUNTY --- WAYNESVILLE [37.83, -92.20]	05/12/11 20:40 CST		0	Hail (1.00 in)
	05/12/11 20:40 CST		0	Source: Public
<hr/>				
PHELPS COUNTY --- ROLLA [37.95, -91.77]	05/12/11 21:17 CST		0	Hail (1.00 in)
	05/12/11 21:17 CST		0	Source: Public
<hr/>				
PHELPS COUNTY --- ROLLA [37.95, -91.77]				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/12/11 21:17 CST		0	Thunderstorm Wind (EG 52 kt)
	05/12/11 21:17 CST		0	Source: Public
The public estimated wind gusts up to 60 mph.				
MARIES COUNTY --- 1.6 WSW SHANTYTOWN [38.02, -92.08], 1.9 WSW SHANTYTOWN [38.02, -92.08], 2.0 WSW SHANTYTOWN [38.02, -92.08], 1.6 WSW SHANTYTOWN [38.02, -92.08]				
	05/12/11 21:55 CST		0	Flash Flood (due to Heavy Rain)
	05/12/11 21:55 CST		0	Source: Public
Two to two and a half feet of water was flowing over County Road 624 in the vicinity of Maries Creek.				
HOWELL COUNTY --- 0.7 NNW WEST PLAINS ARPT [36.76, -91.87], 3.0 NNE (H63)WEST PLAINS [36.77, -91.81]				
	05/12/11 22:00 CST		0	Thunderstorm Wind (EG 62 kt)
	05/12/11 22:00 CST		0	Source: Emergency Manager
Straight line winds of at least 70 mph intermittently downed trees starting at Highway 63 on the northwest side of West Plains. The path continued for three miles to the east northeast of town.				
OREGON COUNTY --- 1.5 SSW ALTON [36.68, -91.41]				
	05/12/11 22:15 CST		0	Hail (0.88 in)
	05/12/11 22:15 CST		0	Source: Emergency Manager
SHANNON COUNTY --- 2.3 SW MUNSETT [37.09, -91.36], 2.7 SSW MUNSETT [37.08, -91.35]				
	05/12/11 23:00 CST		0	Thunderstorm Wind (EG 52 kt)
	05/12/11 23:00 CST		0	Source: NWS Employee
Several trees were uprooted by thunderstorm winds along Highway 19 four miles south of Eminence. Additional trees were blown down on Highway 106.				
MARIES COUNTY --- 2.3 N SHANTYTOWN [38.06, -92.06], 2.2 N SHANTYTOWN [38.06, -92.06], 2.2 N SHANTYTOWN [38.06, -92.06], 2.3 N SHANTYTOWN [38.06, -92.06]				
	05/12/11 23:08 CST		0	Flash Flood (due to Heavy Rain)
	05/12/11 23:08 CST		0	Source: Public
Flooding was reported of low water crossings.				
MILLER COUNTY --- 1.8 ESE IBERIA [38.09, -92.29]				
	05/13/11 00:06 CST		0	Heavy Rain
	05/13/11 00:06 CST		0	Source: COOP Observer
A total rainfall of 3.20 inches was measured from multiple rounds of thunderstorms.				
PULASKI COUNTY --- 0.9 SE DIXON [37.99, -92.09]				
	05/13/11 00:22 CST		0	Heavy Rain
	05/13/11 00:22 CST		0	Source: Public
A total rainfall of 2.74 inches was measured from multiple rounds of thunderstorms.				
An upper level low over western Kansas combined with a cold front moved into the region and produced severe thunderstorms. Numerous severe storms and a few supercells produced very large hail and high wind gusts as the front moved through the region.				
LACLEDE COUNTY --- 0.6 E LEBANON [37.68, -92.66]				
	05/13/11 10:13 CST		0	Hail (1.00 in)
	05/13/11 10:13 CST		0	Source: Emergency Manager
ST. CLAIR COUNTY --- 3.0 SE JOHNSON CITY [38.09, -93.89]				
	05/13/11 12:27 CST		0	Hail (1.00 in)
	05/13/11 12:27 CST		0	Source: Public
Isolated thunderstorms produced a few reports of hail across portions of central Missouri. The storms formed along residual surface boundaries during the late morning and early afternoon hours.				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
POLK COUNTY --- 1.1 E GOODSON [37.70, -93.25], 1.2 E GOODSON [37.70, -93.25], 1.0 E GOODSON [37.70, -93.25], 1.0 E GOODSON [37.70, -93.25]				
	05/19/11 06:15 CST		0	Flash Flood (due to Heavy Rain)
	05/19/11 12:00 CST		0	Source: Law Enforcement
Water was report over Route C near Route P.				
POLK COUNTY --- 3.0 NNW BOLIVAR [37.66, -93.44], 2.6 NNW BOLIVAR [37.65, -93.44], 2.5 NNW BOLIVAR [37.65, -93.43], 2.8 NNW BOLIVAR [37.66, -93.44]				
	05/19/11 06:15 CST		0	Flash Flood (due to Heavy Rain)
	05/19/11 12:00 CST		0	Source: Law Enforcement
Water was reported over Highway 83 at Route B.				
POLK COUNTY --- 1.7 SW HUMANSVILLE [37.78, -93.60], 1.8 SW HUMANSVILLE [37.78, -93.60], 1.8 SW HUMANSVILLE [37.78, -93.60], 1.8 SW HUMANSVILLE [37.78, -93.60]				
	05/19/11 07:30 CST		0	Flash Flood (due to Heavy Rain)
	05/19/11 12:00 CST		0	Source: Department of Highways
Route M was closed due to flooding.				
POLK COUNTY --- 1.8 N RONDO [37.79, -93.46], 1.8 NNE RONDO [37.79, -93.46], 2.0 NNE RONDO [37.80, -93.46], 1.9 N RONDO [37.80, -93.46]				
	05/19/11 07:30 CST		0	Flash Flood (due to Heavy Rain)
	05/19/11 12:00 CST		0	Source: Department of Highways
Route V was closed due to flooding.				
POLK COUNTY --- 3.6 SE RIMBY [37.73, -93.21], 3.4 SE RIMBY [37.73, -93.21], 3.4 SE RIMBY [37.73, -93.21], 3.5 SE RIMBY [37.73, -93.21]				
	05/19/11 07:40 CST		0	Flash Flood (due to Heavy Rain)
	05/19/11 12:00 CST		0	Source: Department of Highways
Route P was closed due to flooding.				
POLK COUNTY --- 1.4 NNE RIMBY [37.79, -93.24], 1.3 NNE RIMBY [37.79, -93.24], 1.2 NNE RIMBY [37.79, -93.24], 1.2 NNE RIMBY [37.79, -93.25]				
	05/19/11 07:59 CST		0	Flash Flood (due to Heavy Rain)
	05/19/11 12:00 CST		0	Source: Department of Highways
Route HH was closed due to flooding.				
LACLEDE COUNTY --- 5.2 NE DOVE [37.83, -92.63], 5.8 NE DOVE [37.84, -92.63], 6.0 NE DOVE [37.84, -92.62], 5.4 NE DOVE [37.83, -92.63]				
	05/19/11 08:45 CST		0	Flash Flood (due to Heavy Rain)
	05/19/11 12:00 CST		0	Source: Emergency Manager
Water was reported over Highway BB south of Highway H in northern Laclede County. The road was reported as impassable due to high water.				
DALLAS COUNTY --- 3.6 NW BUFFALO [37.69, -93.14], 3.7 NW BUFFALO [37.69, -93.15], 3.6 NW BUFFALO [37.69, -93.14], 3.5 NW BUFFALO [37.69, -93.14]				
	05/19/11 09:15 CST		0	Flood (due to Heavy Rain)
	05/19/11 09:15 CST		0	Source: Department of Highways
Route C was closed due to flooding.				
DALLAS COUNTY --- 2.7 E URBANA ARPT [37.90, -93.10], 2.6 E URBANA ARPT [37.90, -93.10], 2.6 E URBANA ARPT [37.90, -93.10], 2.8 E URBANA ARPT [37.90, -93.10]				
	05/19/11 09:32 CST		0	Flood (due to Heavy Rain)
	05/19/11 09:32 CST		0	Source: Department of Highways
Route BB was closed due to flooding.				
HICKORY COUNTY --- 2.3 NE NEMO [37.89, -93.25], 2.6 NE NEMO [37.89, -93.24], 2.5 NE NEMO [37.89, -93.25], 2.3 NE NEMO [37.89, -93.25]				
	05/19/11 09:45 CST		0	Flood (due to Heavy Rain)
	05/19/11 09:45 CST		0	Source: Department of Highways

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Route D was closed due to flooding.				
PULASKI COUNTY --- 2.4 SE HELM [37.96, -92.11], 2.4 SE HELM [37.96, -92.11], 2.4 SE HELM [37.96, -92.11], 2.4 SE HELM [37.96, -92.11]				
	05/19/11 11:00 CST		0	Flood (due to Heavy Rain)
	05/19/11 11:00 CST		0	Source: Department of Highways
Route O was closed due to flooding.				
MORGAN COUNTY --- 1.7 SSE GRAVOIS MILLS [38.30, -92.81], 1.9 NNE GRAVOIS MILLS ARPT [38.29, -92.81], 1.8 NNE GRAVOIS MILLS ARPT [38.29, -92.81], 1.8 SSE GRAVOIS MILLS [38.30, -92.81]				
	05/19/11 11:55 CST		0	Flood (due to Heavy Rain)
	05/19/11 11:55 CST		0	Source: Law Enforcement
Red Hollow Road was flooded.				
MILLER COUNTY --- 0.9 SW BAGNELL [38.22, -92.61], 4.8 WSW WEST AURORA [38.30, -92.68], 1.9 NW ELDON ARPT [38.39, -92.59], 3.0 SSW WEST AURORA [38.28, -92.62]				
	05/19/11 12:44 CST		0	Flash Flood (due to Heavy Rain)
	05/19/11 18:00 CST		0	Source: Public
Highway Z and Highway Y-19 was reported to have around a foot of water over the roadway. Several other low water crossings were reported to be flooded across western Miller County.				
A nocturnal thunderstorm complex moved across portions of west central and central Missouri. The storms were focused along a mid level boundary and produced as much as two to three inches of rain in some locations. Flooding occurred as a result with several low water crossing and roads closed due to flood waters.				
JASPER COUNTY --- 0.6 E JOPLIN [37.08, -94.51]				
	05/20/11 07:27 CST		0	Hail (0.88 in)
	05/20/11 07:27 CST		0	Source: Storm Chaser
NEWTON COUNTY --- NEOSHO [36.87, -94.37]				
	05/20/11 07:49 CST		0	Hail (0.88 in)
	05/20/11 07:49 CST		0	Source: Public
DALLAS COUNTY --- 3.7 NW BUFFALO [37.69, -93.15], 3.6 NW BUFFALO [37.69, -93.15], 3.5 NW BUFFALO [37.69, -93.14], 3.5 NW BUFFALO [37.69, -93.14]				
	05/20/11 11:50 CST		0	Flood (due to Heavy Rain)
	05/20/11 21:00 CST		0	Source: Department of Highways
Missouri Route C northwest of Buffalo was closed due to flooding.				
POLK COUNTY --- 2.3 NE GOODSON [37.72, -93.24], 1.9 NE GOODSON [37.72, -93.24], 2.8 ENE GOODSON [37.72, -93.22], 2.9 ENE GOODSON [37.72, -93.23]				
	05/20/11 12:10 CST		0	Flood (due to Heavy Rain)
	05/20/11 21:00 CST		0	Source: Department of Highways
Missouri Route P was closed due to flooding of the Little Jordan Creek.				
MILLER COUNTY --- 3.4 SW WEST AURORA [38.29, -92.65], 3.1 SW WEST AURORA [38.29, -92.65], 3.0 SW WEST AURORA [38.29, -92.64], 3.2 SW WEST AURORA [38.29, -92.64]				
	05/20/11 13:11 CST		0	Flood (due to Heavy Rain)
	05/20/11 21:00 CST		0	Source: Department of Highways
Missouri Route Z was closed due to flooding at a low water crossing.				
HICKORY COUNTY --- 1.0 SE PRESTON [37.92, -93.22], 0.8 ESE PRESTON [37.92, -93.22], 0.7 SE PRESTON [37.92, -93.22], 0.8 SE PRESTON [37.92, -93.22]				
	05/20/11 15:00 CST		0	Flood (due to Heavy Rain)
	05/20/11 21:00 CST		0	Source: Department of Highways
Route D south of Preston was closed due to flooding.				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MORGAN COUNTY --- 3.3 WNW GLENSTED [38.53, -92.93], 2.4 SW GLENSTED [38.49, -92.90], 3.6 WSW GLENSTED [38.49, -92.93], 4.0 W GLENSTED [38.53, -92.94]				
	05/20/11 15:00 CST		0	Flood (due to Heavy Rain)
	05/20/11 21:00 CST		0	Source: Department of Highways
Route BB was closed from Missouri Highway 135 to Route D due to flooding.				
POLK COUNTY --- 2.1 SW VAN [37.55, -93.33], 2.1 SW VAN [37.55, -93.33], 2.3 SW VAN [37.55, -93.33], 2.2 WSW VAN [37.55, -93.33]				
	05/20/11 15:05 CST		0	Flood (due to Heavy Rain)
	05/20/11 21:00 CST		0	Source: Department of Highways
Route Y east of Missouri Route 13 was closed due to flooding.				
POLK COUNTY --- 2.5 NE SLAGLE [37.55, -93.34], 2.3 NE SLAGLE [37.55, -93.35], 2.4 NE SLAGLE [37.55, -93.35], 2.6 NE SLAGLE [37.55, -93.34]				
	05/20/11 15:05 CST		0	Flood (due to Heavy Rain)
	05/20/11 21:00 CST		0	Source: Department of Highways
Route Y was closed due to flooding between 156th and 160th Roads.				
POLK COUNTY --- 1.2 NNE RIMBY [37.79, -93.25], 1.2 NNE RIMBY [37.79, -93.24], 1.3 NNE RIMBY [37.79, -93.24], 1.3 NNE RIMBY [37.79, -93.24]				
	05/20/11 15:15 CST		0	Flood (due to Heavy Rain)
	05/20/11 21:00 CST		0	Source: Department of Highways
Route HH was closed due to flooding at Ingalls Creek.				
HOWELL COUNTY --- 2.6 ESE MOODY [36.52, -91.94], 2.8 ESE MOODY [36.52, -91.93], 2.7 ESE MOODY [36.52, -91.93], 2.5 ESE MOODY [36.52, -91.94]				
	05/20/11 18:29 CST		0	Flood (due to Heavy Rain)
	05/20/11 23:59 CST		0	Source: Department of Highways
Highway 142 near County Road 6410 was flooded and impassable.				
A broad area of rain moved over the Missouri Ozarks as moisture from the Gulf of Mexico and a subtropical fetch combined with an upper level disturbance. This produced heavy rainfall across portions of the Ozarks along with a few strong to marginally severe thunderstorms.				
CAMDEN COUNTY --- 0.5 E MACKS CREEK [37.97, -92.97]				
	05/22/11 15:29 CST		0	Thunderstorm Wind (MG 65 kt)
	05/22/11 15:29 CST		0	Source: Trained Spotter
A storm spotter measured a 75 mph wind gust.				
MORGAN COUNTY --- 0.9 SW GRAVOIS MILLS [38.31, -92.83]				
	05/22/11 16:30 CST		0	Hail (0.88 in)
	05/22/11 16:30 CST		0	Source: Public
JASPER COUNTY --- 0.6 E JOPLIN [37.08, -94.51]				
	05/22/11 16:34 CST		0	Hail (1.00 in)
	05/22/11 16:34 CST		0	Source: Public
NEWTON COUNTY --- 4.6 WNW REDINGS MILL [37.05, -94.59], 3.7 NW REDINGS MILL [37.06, -94.57]				
	05/22/11 16:34 CST		2K	Tornado (EF2, L: 1.30 mi , W: 300 yd)
	05/22/11 16:40 CST		0	Source: NWS Storm Survey
This is the beginning of the EF-5 tornado that impacted a large portion of the city of Joplin.				
This tornado started in the very extreme northern portions of Newton County initially touching down one half mile southwest of the intersection of JJ Highway and Newton Road in Newton County. Several large trees were toppled before the tornado crossed into Jasper County and portions of south Joplin.				
JASPER COUNTY --- 0.6 W WEBB CITY [37.15, -94.48]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/22/11 16:38 CST		0	Hail (1.00 in)
	05/22/11 16:38 CST		0	Source: Public
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JASPER COUNTY --- 2.3 SE CENTRAL CITY [37.06, -94.57], 1.9 SSE DUENWEG [37.05, -94.41]				
	05/22/11 16:40 CST	158	2.80B	Tornado (EF5, L: 8.80 mi , W: 1600 yd)
	05/22/11 17:00 CST	1,150	0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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National Weather Service survey teams rated the tornado that tracked across the southwest through east central portion of Joplin , Missouri, as an EF5 tornado. Maximum winds were estimated to have exceeded 200 miles per hour. The tornado had a maximum width of one mile and an overall path length of nearly 21.6 miles, nearly nine miles of which occurred in Jasper County.

The tornado killed 158 directly, three indirectly, and injured over 1150 people. Sadly, on May 24 a police officer who was volunteering from another department, was struck by lightning while serving in the response efforts and later died . Equally, a 56 year old man who had been included as a direct fatality was later determined to have died of a heart attack. Over 10,200 people filed for disaster assistance following the tornado.

The EF-5 rating (greater than 200 mph wind speeds) was mainly arrived at by the total destruction of vehicles, including some vehicles tossed several blocks and semi trucks thrown a quarter of a mile. Parking stops weighing over 300 pounds and re-barred into asphalt were uprooted and tossed. Other factors in the rating included damage to reinforced concrete structures, and that St. John's Hospital building structure was compromised.

Seven thousand homes were severely damaged or destroyed and another 900 damaged. Other substantial buildings damaged or destroyed included the Joplin High School and Technical Center along with five other city schools . Numerous retailers including Home Depot, Sports Academy, Dillons, and Walmart were also destroyed. The most substantial building impacted was St John's hospital which will be razed due to the tornado. It was calculated that 2 million cubic yards of debris is attributable to the storm across its relatively short length on the ground.

The tornado initially touched down one half mile southwest of the intersection of JJ Highway and Newton Road in Newton County where several large trees were toppled.

The tornado rapidly intensified as it moved toward the intersection of Country Club Drive and 32nd Street where it crossed into Jasper County. Damage became more widespread as the tornado crossed Maiden Lane, breaking nearly all windows on three sides of St. Johns Hospital as well as damage to the roof and exterior walls on several floors. Two patients on oxygen were indirectly suffocated when the generator and a backup generator were damaged after power was cut off. Three additional patients may have succumbed similarly though sufficient data as to the cause of death was not available . An additional indirect fatality occurred due to psychological trauma.

The tornado further intensified as it destroyed homes and businesses to the immediate east and north of the hospital. A church school was completely destroyed with the exception of a portion of the sanctuary. Significant damage to the Greenbriar Nursing Home resulted in the death of 20 mostly elderly patients.

The tornado continued to destroy hundreds of frame homes between 32nd and 20th Streets, leading to nearly a fifth of the deaths. Three story apartment complexes had the top two floors removed; other two story complexes were partially leveled. Fourteen deaths occurred in apartments along the track. Eleven additional deaths occurred in churches along this path. There were two fatalities in a mobile home (Joplin has a city ordinance prohibiting mobile home parks).

Well built structures that were heavily damaged or destroyed along this area included the Joplin High School , Franklin Technical Center and Irving Elementary, all of which were free of students due to the weekend. The tornado also damaged three additional elementary schools. A bank was totally destroyed with the exception of the vault. A large grocery store was also destroyed.

The tornado crossed Rangeline Road near 20th Street. Damage included significant to complete damage to several restaurants and large long-span retail buildings; including Home Depot, Sports Academy and Walmart in this area. Twenty deaths occurred indoors or in the parking lots of these structures . Semi trucks on the back side of Walmart were thrown more than a quarter mile .

The tornado continued to move eastward along and south of 20th Street destroying numerous warehouse style facilities, a portion of Joplin East Middle School, and residences through Duquesne Road.

The tornado continued destroying numerous homes as it began weakening. It turned southeast toward Interstate 44 where it threw several semi trucks as it crossed the interstate and moved into Newton County at 32nd Street just west of Kodiak Road.

Direct Fatalities: M71??, F54??, F48??, F56??, F79??, M88??, M49??, F91??, M85??, F91??, F16BU, M59BU, F34BU, M27BU, F66BU, F62BU, M9CH, F55CH, F17CH, F78CH, F57CH, M49CH, F58CH, M41CH, F8CH, F77CH, F46CH, F20LS, M59LS, M40LS, F41LS, M37LS, M62LS, F50LS, M29LS, F5LS, M1LS, M21LS, M27LS, M27MH, M70MH, F23OU, F49OU, M23PH, F83PH, F36PH, F92PH, M33PH, M1PH, M44PH, M12PH, M71PH, M70PH, M76PH, F80PH, F50PH, F64PH, F66PH, M52PH, F76PH, M77PH, F91PH, F64PH, F83PH, F72PH, M64PH, F52PH, F68PH, M69PH, F65PH, F33PH, F64PH, M1PH, F65PH, M31PH, F69PH, M26PH, F53PH, F87PH, F48PH, F48PH, M60PH, F76PH, M77PH, M10PH, F32PH, M56PH, M61PH, F86PH, M56PH, F71PH, F76PH, F74PH, F36PH, F58PH, M49PH, M6PH, F10PH, F28PH, M85PH, F86PH, F88PH, M46PH, M54PH, M56PH, F47PH, M53PH, M59PH, F76PS, M52PS, M87PS, F55PS, M86PS, M52PS, F94PS, F49PS, M70PS, F88PS, M61PS, F91PS, F39PS, M63PS, F84PS, F52PS, F60PS, F60PS, M49PS, F39PS, M82PS, F91PS, F42PS, F62PS, F63PS, M48PS, F82PS, F83PS, M48PS, F71PS, F92PS, M85PS, M52PS, M74PS, M68PS, F43VE, M66VE, M39VE, M28VE, M63VE, M16VE, F47VE, F70VE, M48VE, M44VE, M18VE, M34VE, F68VE, F68VE, M28VE

JASPER COUNTY --- 0.6 E JOPLIN [37.08, -94.51]

05/22/11 16:46 CST	0	Thunderstorm Wind (MG 52 kt)
05/22/11 16:46 CST	0	Source: Public

The public reported a measured wind gust of 60 mph at 7th and Florida street.

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NEWTON COUNTY --- 4.5 ENE SAGINAW [37.05, -94.41], 2.6 NNW RITCHEY [36.98, -94.22]				
	05/22/11 17:00 CST		0.10M	Tornado (EF2, L: 11.52 mi , W: 1000 yd)
	05/22/11 17:20 CST		0	Source: NWS Storm Survey
This is the continued path of the devastating EF-5 tornado that hit the city of Joplin.				
The tornado crossed back into northern Newton County while slowly weakening to an EF-2. As the tornado weakened it damaged several structures including a warehouse, several homes and outbuildings. Significant tree damage was also noted.				
NEWTON COUNTY --- 3.8 ESE PEPSIN [37.01, -94.19], 1.3 NE WENTWORTH [36.99, -94.06]				
	05/22/11 17:10 CST		0.70M	Tornado (EF2, L: 7.06 mi , W: 800 yd)
	05/22/11 17:25 CST		0	Source: NWS Storm Survey
The National Weather Service storm survey team determined that an EF -2 tornado touched down 5 miles east northeast of Diamond, Missouri. It remained on the ground for approximately 17 miles, seven of which was in Newton County before it crossed into Lawrence County. The maximum wind speeds were estimated at 120 miles per hour. The tornado damage path had a maximum width of one half mile. There were numerous trees uprooted, three mobile homes suffered considerable damage or were destroyed west of Wentworth . Numerous power poles were blown down along Highway J along a nearly four mile stretch. In Wentworth, numerous trees were uprooted and one outbuilding had its roof removed. The tornado crossed into Lawrence County as an EF-1 just north of Douglas Fir Road along Lawrence County Avenue .				
LAWRENCE COUNTY --- 4.4 NW PIERCE CITY [36.99, -94.06], 3.0 SSW FRIESTATT [36.98, -93.93]				
	05/22/11 17:25 CST		0.30M	Tornado (EF2, L: 7.07 mi , W: 800 yd)
	05/22/11 17:40 CST		0	Source: NWS Storm Survey
This is the continuation of the National Weather Service storm survey of the EF -2 tornado touched down five miles east northeast of Diamond, Missouri. After the tornado crossed into Lawrence County it remained on the ground for approximately seven miles of its 17 mile long track and lifted approximately three miles north of Monett. The maximum wind speeds were estimated at 120 miles per hour. The tornado damage path had a maximum width of one half mile. There were numerous trees uprooted, one mobile home was destroyed, half of a machine shop building was destroyed several outbuildings were destroyed and several homes had significant roof damage. One home had a garage door collapse along with siding damage and a separate garage had collapsed walls.				
STONE COUNTY --- 2.9 ESE ELSEY [36.83, -93.50], 2.6 ENE TAURIA [36.81, -93.31]				
	05/22/11 18:10 CST		1M	Tornado (EF2, L: 10.95 mi , W: 200 yd)
	05/22/11 18:30 CST		0	Source: NWS Storm Survey
Tornado damage was first indicated on Cave Springs Road where trees were snapped and twisted . EF-0 damage was indicated at this point. The tornado then traveled east, partially damaging a mobile home and destroying another mobile home on Highway AA , near the intersection with Camp Clark Hill Road. Damage at this location was rated EF-1. Several turkey barns were then damaged along Horse Creek Road with EF-2 damaged noted. EF-0 damage to trees and a roof were noted along Johnson Rowe Road. EF-1 damage occurred along Bass Hollow Road where damage to a house and outbuildings occurred. This tornado continued into Taney County with maximum wind speeds estimated up to 120 mph at its peak and a maximum path width of 200 yards.				
LAWRENCE COUNTY --- 0.6 E MARIONVILLE [37.00, -93.64]				
	05/22/11 18:14 CST		0	Hail (1.00 in)
	05/22/11 18:14 CST		0	Source: Public
STONE COUNTY --- 1.0 NNW CRANE [36.91, -93.58]				
	05/22/11 18:20 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/22/11 18:20 CST		0	Source: Public
Trees were blown down on Highway 413 west of Crane.				
STONE COUNTY --- 1.5 NNE ELSEY [36.87, -93.54]				
	05/22/11 18:22 CST		0	Thunderstorm Wind (MG 63 kt)
	05/22/11 18:22 CST		0	Source: Public
The public measured a 72 mph wind gust and quarter size hail.				
MCDONALD COUNTY --- 2.9 NNW SOUTH WEST CITY [36.56, -94.62], 1.5 NW PACK [36.55, -94.60]				
	05/22/11 18:26 CST		1M	Tornado (EF3, L: 1.43 mi , W: 880 yd)
	05/22/11 18:36 CST	2	0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A storm survey concluded that an EF-3 tornado crossed into McDonald County from adjacent Delaware County, Oklahoma. The tornado crossed Stateline Road 2.8 miles north of Southwest City, Missouri at 7:26 pm and destroyed a single family resident and vehicles near the residence. The vehicles rolled up to 200 yards away from the house. Several trees were uprooted along the path of the tornado as it tracked southeast towards chicken houses near the intersection of Highway 43 and Farm Road 4385. The tornado lifted right before reaching Highway 43 about 2.2 miles north northeast of Southwest City. Maximum wind speeds were estimated between 150 and 160 mph. The maximum width of the path was estimated at a quarter of a mile wide.</p>				
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STONE COUNTY --- 3.9 W BROWNS SPG [36.96, -93.57]				
	05/22/11 18:30 CST		0	Hail (1.00 in)
	05/22/11 18:30 CST		0	Source: Public
<hr/>				
TANEY COUNTY --- 4.2 W DAY [36.81, -93.31], 1.0 SSE DAY [36.81, -93.22]				
	05/22/11 18:30 CST		50K	Tornado (EF1, L: 4.75 mi , W: 200 yd)
	05/22/11 18:35 CST		0	Source: NWS Storm Survey
<p>This is the continuation of the tornado that touched down in Stone County. The damage path continued across northeastern Taney County north of Reno Springs Road to just east of Highway 65 south of the community of Saddle Brooke. EF-1 damage was indicated to trees, outbuildings and a tower along its path in Taney County.</p>				
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WEBSTER COUNTY --- 0.9 SW HOLMAN [37.26, -93.06]				
	05/22/11 18:55 CST		10K	Thunderstorm Wind (EG 61 kt)
	05/22/11 18:55 CST		0	Source: Public
<p>Numerous trees were blown down about 10 miles north of Rogersville and 6805 Highway KK.</p>				
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MCDONALD COUNTY --- NOEL [36.55, -94.48]				
	05/22/11 19:20 CST		0	Hail (1.00 in)
	05/22/11 19:20 CST		0	Source: Emergency Manager
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MCDONALD COUNTY --- NOEL [36.55, -94.48]				
	05/22/11 19:25 CST		0.10M	Hail (2.75 in)
	05/22/11 19:25 CST		0	Source: Emergency Manager
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MCDONALD COUNTY --- 1.5 NNW PACK [36.55, -94.59]				
	05/22/11 19:47 CST		50K	Hail (1.75 in)
	05/22/11 19:47 CST		0	Source: Emergency Manager
<p>Emergency management reported golf ball size hail on Highway 43 about 3 miles north of Southwest City.</p>				
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HOWELL COUNTY --- 3.5 NE POTTERSVILLE [36.73, -91.98]				
	05/22/11 20:30 CST		25K	Thunderstorm Wind (EG 60 kt)
	05/22/11 20:30 CST		0	Source: Emergency Manager
<p>Several trees blown down on a home and cars near Highway AD and County Road 6420.</p>				
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HOWELL COUNTY --- POTTERSVILLE [36.70, -92.03]				
	05/22/11 22:18 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/22/11 22:18 CST		0	Source: Emergency Manager
<p>Several trees were uprooted near Pottersville.</p>				
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JASPER COUNTY --- (JLN)JOPLIN MUNI ARP [37.15, -94.50]				
	05/23/11 07:48 CST		0	Hail (1.00 in)
	05/23/11 07:48 CST		0	Source: Emergency Manager
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VERNON COUNTY --- 0.6 E MONTEVALLO [37.73, -94.11]				
	05/23/11 07:56 CST		0	Thunderstorm Wind (EG 56 kt)
	05/23/11 07:56 CST		0	Source: Law Enforcement
<p>Sixty to seventy mph wind gust were reported by spotter.</p>				
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HICKORY COUNTY --- 1.1 W POMME DE TERRE RES [37.87, -93.40]				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/23/11 08:35 CST		0	Thunderstorm Wind (EG 52 kt)
	05/23/11 08:35 CST		0	Source: Law Enforcement
Law enforcement estimated 60 mph wind gust.				
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MILLER COUNTY --- ELDON [38.35, -92.58]				
	05/23/11 09:43 CST		1K	Thunderstorm Wind (EG 52 kt)
	05/23/11 09:43 CST		0	Source: Emergency Manager
A large tree was reported down in Eldon.				
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PHELPS COUNTY --- 5.5 N DOOLITTLE [38.03, -91.87]				
	05/23/11 09:55 CST		1K	Thunderstorm Wind (EG 52 kt)
	05/23/11 09:55 CST		0	Source: Law Enforcement
A tree was blown down across State Route E just north of the Route E and Route A intersection.				
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PHELPS COUNTY --- 0.9 NE ST JAMES [38.01, -91.61]				
	05/23/11 10:22 CST		0	Hail (1.00 in)
	05/23/11 10:22 CST		0	Source: Emergency Manager
Dime to quarter sized hail was reported near State Route B and the intersection of County Road 1060.				
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HOWELL COUNTY --- 4.1 ENE MOODY [36.55, -91.91]				
	05/23/11 12:41 CST		2K	Thunderstorm Wind (EG 60 kt)
	05/23/11 12:41 CST		0	Source: Law Enforcement
A metal carport was blown onto the road.				
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HOWELL COUNTY --- 3.4 ENE MOODY [36.54, -91.92], 4.7 ENE MOODY [36.55, -91.90]				
	05/23/11 12:45 CST		10K	Tornado (EF0, L: 1.00 mi , W: 100 yd)
	05/23/11 12:55 CST		0	Source: NWS Storm Survey
An EF-0 tornado touched down 4 miles east northeast of Moody. Large limbs were broken and one home had minor roof damage. An unsecured carport was thrown 150 yards through the air. One small tree was uprooted.				
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JASPER COUNTY --- 0.6 E JOPLIN [37.08, -94.51]				
	05/23/11 17:21 CST	1	0	Lightning
	05/23/11 17:21 CST	1	0	Source: Emergency Manager
Emergency management officials relayed to the NWS that two law enforcement officers were struck by lightning while aiding in the recovery efforts from the EF-5 tornado in Joplin. Both officers were injured and taken to the hospital. One of the officers later died on June 2nd at the hospital from injuries he suffered from the lightning strike.				
Direct Fatalities: M31OU				
<p>A strong upper level trough across the central plains region and a strong upper level disturbance along with a frontal boundary in the area produced numerous severe storms with a few supercells across southeast Kansas. One cyclic supercell associated with the system produced a very large and deadly EF-5 tornado that hit the city of Joplin and then spawned two separate tornadoes that moved across southwestern Missouri. A separate tornadic supercell produced an EF-3 tornado that moved into McDonald County from Northeastern Oklahoma.</p> <p>Continuing thunderstorms lasted into May 23 as another line of thunderstorms moved across the region. This line of storms produced reports of large hail, damaging winds and a weak EF-0 tornado in south central Missouri. As the storms moved over the Joplin area, two police officers were struck by lightning while aiding in the post tornado efforts. One of the two officers later died of injuries from the lightning strike.</p>				
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MCDONALD COUNTY --- 3.4 SSE KLONDIKE [36.67, -94.60], 3.5 SSE KLONDIKE [36.67, -94.60], 3.6 SSE KLONDIKE [36.67, -94.60], 3.5 SSE KLONDIKE [36.67, -94.61]				
	05/22/11 20:25 CST		0	Flash Flood (due to Heavy Rain)
	05/22/11 20:25 CST		0	Source: Emergency Manager
Highway 43 and Buffalo Creek was impassable because of high water.				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MCDONALD COUNTY --- 0.8 NNW HAVENHURST [36.59, -94.39], 0.6 NNW HAVENHURST [36.59, -94.39], 0.7 NW HAVENHURST [36.59, -94.39], 0.8 NW HAVENHURST [36.59, -94.39]				
	05/22/11 20:30 CST		0	Flash Flood (due to Heavy Rain)
	05/22/11 20:30 CST		0	Source: Emergency Manager
Elk River Road west of Pineville was closed due to high water.				
MCDONALD COUNTY --- 0.6 SW PINEVILLE [36.59, -94.39], 0.8 SW PINEVILLE [36.59, -94.39], 0.7 SW PINEVILLE [36.59, -94.39], 0.6 SW PINEVILLE [36.59, -94.39]				
	05/22/11 20:49 CST		0	Flash Flood (due to Heavy Rain)
	05/22/11 20:49 CST		0	Source: Emergency Manager
Three feet of water was reported over Highway W in downtown Pineville.				
BARRY COUNTY --- 4.4 WNW EAGLE ROCK [36.58, -93.82], 4.1 WNW EAGLE ROCK [36.58, -93.81], 4.0 WNW EAGLE ROCK [36.58, -93.81], 4.5 WNW EAGLE ROCK [36.58, -93.82]				
	05/22/11 23:34 CST		0	Flash Flood (due to Heavy Rain)
	05/22/11 23:34 CST		0	Source: State Official
Roaring River State Park was evacuated because of high water.				
MCDONALD COUNTY --- 1.9 SE COY [36.65, -94.51], 2.1 SE COY [36.65, -94.50], 2.2 SE COY [36.65, -94.50], 2.0 SE COY [36.65, -94.51]				
	05/23/11 12:02 CST		0	Flash Flood (due to Heavy Rain)
	05/23/11 12:02 CST		0	Source: Emergency Manager
Low area one half mile east of Pump Station Road on Route 76 was impassable.				
MCDONALD COUNTY --- 3.4 SSE KLONDIKE [36.67, -94.60], 3.6 SSE KLONDIKE [36.67, -94.60], 3.6 SSE KLONDIKE [36.67, -94.60], 3.5 SSE KLONDIKE [36.67, -94.61]				
	05/23/11 12:02 CST		0	Flash Flood (due to Heavy Rain)
	05/23/11 12:02 CST		0	Source: Emergency Manager
Route 43 at Buffalo Creek was covered by eighteen inches of water and was impassable.				
MCDONALD COUNTY --- 0.2 NNE POWELL [36.62, -94.18], 0.2 NNW POWELL [36.62, -94.18], 0.1 WNW POWELL [36.62, -94.18], 0.1 NE POWELL [36.62, -94.18]				
	05/23/11 12:41 CST		0	Flash Flood (due to Heavy Rain)
	05/23/11 12:41 CST		0	Source: Emergency Manager
Highway E south of Powell was closed due to high water.				
MCDONALD COUNTY --- 0.6 NNE NOEL [36.56, -94.48], 0.3 N NOEL [36.55, -94.48], 0.4 NNW NOEL [36.56, -94.48], 0.6 N NOEL [36.56, -94.48]				
	05/23/11 12:41 CST		0.25M	Flash Flood (due to Heavy Rain)
	05/23/11 12:41 CST		0	Source: Emergency Manager
Highway 59 north of Noel was washed away.				
NEWTON COUNTY --- 0.6 SSW SENECA [36.84, -94.60], 0.6 SSW SENECA [36.84, -94.61], 0.9 SW SENECA [36.84, -94.61], 1.0 SW SENECA [36.84, -94.61]				
	05/23/11 15:00 CST		0.50M	Flash Flood (due to Heavy Rain)
	05/23/11 15:00 CST		0	Source: Emergency Manager
Numerous small businesses and houses were flooded in the center of town.				
NEWTON COUNTY --- 1.3 SSE NEWTONIA [36.86, -94.17], 1.5 SSE NEWTONIA [36.86, -94.17], 1.4 S NEWTONIA [36.86, -94.18], 1.1 S NEWTONIA [36.86, -94.18]				
	05/23/11 16:20 CST		0	Flash Flood (due to Heavy Rain)
	05/23/11 16:20 CST		0	Source: Public
A UPS driver reported water over Highway 86 and the road was impassable.				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MCDONALD COUNTY --- 0.8 SSW NOEL [36.54, -94.49], 0.9 SW NOEL [36.54, -94.49], 0.7 WSW NOEL [36.55, -94.49], 0.5 SW NOEL [36.55, -94.49]				
	05/23/11 17:42 CST		0	Flash Flood (due to Heavy Rain)
	05/23/11 17:42 CST		0	Source: Law Enforcement
Numerous roads were reported impassable.				
NEWTON COUNTY --- 0.3 NE NEOSHO [36.87, -94.37], 0.6 E NEOSHO [36.87, -94.36], 0.6 ESE NEOSHO [36.87, -94.36], 0.2 ENE NEOSHO [36.87, -94.37]				
	05/23/11 17:42 CST		0.50M	Flash Flood (due to Heavy Rain)
	05/23/11 17:42 CST		0	Source: Law Enforcement
Numerous homes in the Neosho and Seneca were flooded and evacuated. Widespread flash flooding was reported across the county with numerous roads impassable.				
NEWTON COUNTY --- 0.8 SW SENECA [36.84, -94.61], 1.2 SSW SENECA [36.83, -94.61], 1.4 SW SENECA [36.84, -94.62], 1.1 SW SENECA [36.84, -94.62]				
	05/23/11 22:30 CST		0.50M	Flash Flood (due to Heavy Rain)
	05/23/11 22:30 CST		0	Source: Emergency Manager
Forty homes were flooded. Twenty-five individuals had to be rescued. Numerous businesses were flooded.				
NEWTON COUNTY --- 0.9 SW SENECA [36.84, -94.61], 0.7 SW SENECA [36.84, -94.61], 0.7 SW SENECA [36.84, -94.61], 0.8 SW SENECA [36.84, -94.61]				
	05/24/11 00:00 CST		25K	Flash Flood (due to Heavy Rain)
	05/24/11 00:00 CST		0	Source: Emergency Manager
Eight inch water main ruptured due to flooding along Saint Louise Street near Eugene Street at Little Lost Creek.				
MILLER COUNTY --- 0.5 E TUSCUMBIA [38.23, -92.46], 0.6 NNE TUSCUMBIA [38.24, -92.47], 1.2 WSW TUSCUMBIA [38.23, -92.49], 1.0 SSW TUSCUMBIA [38.22, -92.48]				
	05/25/11 01:00 CST		0	Flash Flood (due to Heavy Rain)
	05/25/11 01:00 CST		0	Source: Emergency Manager
Numerous low water crossings were flooded.				
MILLER COUNTY --- 3.0 NNE MARYS HOME [38.34, -92.33], 2.9 SW HOECKER [38.34, -92.32], 3.0 SW HOECKER [38.34, -92.33], 3.1 NNE MARYS HOME [38.34, -92.33]				
	05/25/11 13:20 CST		0	Flash Flood (due to Heavy Rain)
	05/25/11 13:20 CST		0	Source: Emergency Manager
Highway H was flooded and impassable.				
MILLER COUNTY --- 3.9 WSW MARYS HOME [38.28, -92.42], 4.0 NE TUSCUMBIA [38.27, -92.42], 3.9 NE TUSCUMBIA [38.27, -92.42], 4.0 WSW MARYS HOME [38.28, -92.42]				
	05/25/11 13:20 CST		0	Flash Flood (due to Heavy Rain)
	05/25/11 13:20 CST		0	Source: Emergency Manager
Highway M near the Saline Valley Conservation Area was flooded and impassable.				
A slow moving upper level trough and low pressure system across the central plains region moving across the Ozarks caused numerous heavy showers and storms that produced heavy rainfall. This lead to additional flooding and flash flooding across the Ozarks.				
JASPER COUNTY --- 0.6 E JOPLIN [37.08, -94.51]				
	05/24/11 21:07 CST		0	Thunderstorm Wind (EG 52 kt)
	05/24/11 21:07 CST		0	Source: NWS Employee
NWS employee estimated a wind gust at 60 mph.				
NEWTON COUNTY --- 1.1 E GRANBY [36.92, -94.25]				
	05/24/11 21:22 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/24/11 21:22 CST		0	Source: Emergency Manager
Granby public works building had minor roof damage.				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
VERNON COUNTY --- 1.1 E WALKER [37.90, -94.23]				
	05/24/11 21:27 CST		20K	Thunderstorm Wind (EG 52 kt)
	05/24/11 21:27 CST		0	Source: Emergency Manager
Trees fell on a home causing heavy roof damage.				
VERNON COUNTY --- SCHELL CITY [38.02, -94.12]				
	05/24/11 21:35 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/24/11 21:35 CST		0	Source: Emergency Manager
Power lines and trees were blown down in Schell City.				
DADE COUNTY --- 1.5 NNE MEINERT [37.35, -93.99]				
	05/24/11 21:45 CST		50K	Thunderstorm Wind (EG 52 kt)
	05/24/11 21:45 CST		0	Source: Emergency Manager
Four large grain bins were blown down.				
STONE COUNTY --- 0.7 N BLUE EYE [36.51, -93.40]				
	05/25/11 00:15 CST		10K	Lightning
	05/25/11 00:15 CST		0	Source: Emergency Manager
A house was hit by lightning.				
STONE COUNTY --- 1.3 ENE BLUE EYE [36.51, -93.38]				
	05/25/11 00:15 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/25/11 00:15 CST		0	Source: Emergency Manager
Trees were blown down over Dock Miller Road.				
DOUGLAS COUNTY --- 0.6 E DOGWOOD [37.03, -92.84], 3.4 NNW TIGRIS [37.07, -92.79]				
	05/25/11 00:30 CST		20K	Tornado (EF1, L: 3.69 mi , W: 100 yd)
	05/25/11 00:35 CST		0	Source: NWS Storm Survey
A NWS storm survey team determined that an EF-1 tornado touched down one mile southwest of Dogwood and tracked to the northeast to the southeast of Seymour in Webster County. Numerous trees were either snapped or uprooted along that path. Several outbuildings were destroyed or damaged. One home suffered minor roof damage.				
WEBSTER COUNTY --- 4.9 E SARVIS PT [37.07, -92.79], 0.3 ESE CRABBS [37.13, -92.72]				
	05/25/11 00:35 CST		0	Tornado (EF0, L: 5.58 mi , W: 100 yd)
	05/25/11 00:45 CST		0	Source: NWS Storm Survey
This is a continuation of the Douglas County tornado. The tornado continued to down trees as it crossed into Webster County before lifting to the southeast of Seymour.				
DENT COUNTY --- 2.1 NNE GLADDEN [37.53, -91.46]				
	05/25/11 02:15 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/25/11 02:15 CST		0	Source: Law Enforcement
Power lines and trees were blown down north of Gladden. One tree was blocking Highway 68 north of Gladden.				
DOUGLAS COUNTY --- 1.3 WSW DENLOW [36.97, -92.39]				
	05/25/11 02:55 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/25/11 02:55 CST		0	Source: Public
Public reported a window blown out of a house on County Road 239 one mile south of Highway 76.				
DOUGLAS COUNTY --- 3.0 NE GOODVILLE [37.06, -92.26]				
	05/25/11 03:10 CST		0	Funnel Cloud
	05/25/11 03:10 CST		0	Source: Public

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS COUNTY --- 0.7 S CABOOL [37.12, -92.10]				
	05/25/11 03:25 CST		0	Funnel Cloud
	05/25/11 03:25 CST		0	Source: Public
ST. CLAIR COUNTY --- OSCEOLA [38.05, -93.70]				
	05/25/11 10:00 CST		0	Hail (1.00 in)
	05/25/11 10:00 CST		0	Source: Emergency Manager
ST. CLAIR COUNTY --- 0.9 NE COLLINS [37.89, -93.62]				
	05/25/11 10:26 CST		0	Hail (0.75 in)
	05/25/11 10:26 CST		0	Source: Public
Public estimated 50 mph wind gusts.				
LAWRENCE COUNTY --- 0.6 E MT VERNON [37.10, -93.82]				
	05/25/11 10:57 CST		0	Hail (0.75 in)
	05/25/11 10:57 CST		0	Source: Law Enforcement
BENTON COUNTY --- 0.7 S COLE CAMP [38.46, -93.20]				
	05/25/11 11:10 CST		10K	Hail (1.75 in)
	05/25/11 11:10 CST		0	Source: Law Enforcement
GREENE COUNTY --- 0.7 S WALNUT GROVE [37.41, -93.55]				
	05/25/11 11:15 CST		10K	Hail (1.75 in)
	05/25/11 11:15 CST		0	Source: Law Enforcement
GREENE COUNTY --- 1.1 E HAROLD [37.38, -93.51]				
	05/25/11 11:19 CST		50K	Hail (2.75 in)
	05/25/11 11:19 CST		0	Source: Law Enforcement
CAMDEN COUNTY --- CLIMAX SPGS [38.10, -93.05]				
	05/25/11 11:25 CST		10K	Hail (1.75 in)
	05/25/11 11:25 CST		0	Source: Amateur Radio
GREENE COUNTY --- ASH GROVE [37.32, -93.58]				
	05/25/11 11:25 CST		0.10M	Hail (2.75 in)
	05/25/11 11:25 CST		0	Source: COOP Observer
POLK COUNTY --- 0.7 S MORRISVILLE [37.47, -93.43]				
	05/25/11 11:28 CST		50K	Hail (3.00 in)
	05/25/11 11:28 CST		0	Source: COOP Observer
POLK COUNTY --- MORRISVILLE [37.48, -93.43]				
	05/25/11 11:30 CST		10K	Hail (1.75 in)
	05/25/11 11:30 CST		0	Source: Emergency Manager
WRIGHT COUNTY --- 2.8 S SMITTIE [37.38, -92.51]				
	05/25/11 11:39 CST		0	Hail (1.00 in)
	05/25/11 11:39 CST		0	Source: Trained Spotter
GREENE COUNTY --- REPUBLIC [37.12, -93.48]				
	05/25/11 11:40 CST		0	Hail (0.88 in)
	05/25/11 11:40 CST		0	Source: Emergency Manager
CAMDEN COUNTY --- CLIMAX SPGS [38.10, -93.05]				
	05/25/11 11:42 CST		10K	Hail (1.75 in)
	05/25/11 11:42 CST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
POLK COUNTY --- 1.3 WNW BRIGHTON [37.46, -93.37]				
	05/25/11 11:42 CST		10K	Hail (1.75 in)
	05/25/11 11:42 CST		0	Source: Emergency Manager
WRIGHT COUNTY --- 1.3 ENE SMITTIE [37.43, -92.50]				
	05/25/11 11:42 CST		10K	Hail (1.75 in)
	05/25/11 11:42 CST		0	Source: Law Enforcement
MORGAN COUNTY --- 0.9 SW STOVER [38.44, -92.99]				
	05/25/11 11:46 CST		0	Hail (1.00 in)
	05/25/11 11:46 CST		0	Source: Law Enforcement
POLK COUNTY --- 1.3 WNW BRIGHTON [37.46, -93.37]				
	05/25/11 11:47 CST		10K	Hail (1.75 in)
	05/25/11 11:47 CST		0	Source: Emergency Manager
MORGAN COUNTY --- 0.9 SW GRAVOIS MILLS [38.31, -92.83]				
	05/25/11 11:48 CST		0	Funnel Cloud
	05/25/11 11:48 CST		0	Source: COOP Observer
LACLEDE COUNTY --- 2.1 S RUSS [37.55, -92.60]				
	05/25/11 11:50 CST		10K	Hail (1.75 in)
	05/25/11 11:50 CST		0	Source: Law Enforcement
POLK COUNTY --- 1.5 NNE PLEASANT HOPE [37.49, -93.27]				
	05/25/11 11:52 CST		0	Hail (0.88 in)
	05/25/11 11:52 CST		0	Source: COOP Observer
GREENE COUNTY --- 0.6 E SPRINGFIELD [37.20, -93.29]				
	05/25/11 11:54 CST		0	Hail (1.00 in)
	05/25/11 11:54 CST		0	Source: NWS Employee
Quarter size hail fell at the NWS office.				
GREENE COUNTY --- 2.1 N SGF DOWNTOWN ARPT [37.25, -93.23]				
	05/25/11 12:00 CST		0	Hail (0.88 in)
	05/25/11 12:00 CST		0	Source: Amateur Radio
GREENE COUNTY --- 2.8 NNE SPRINGFIELD [37.24, -93.29]				
	05/25/11 12:00 CST		0	Hail (1.00 in)
	05/25/11 12:00 CST		0	Source: Broadcast Media
GREENE COUNTY --- 2.0 SSE PLEASANT VLY [37.27, -93.26]				
	05/25/11 12:06 CST		0	Hail (1.00 in)
	05/25/11 12:06 CST		0	Source: Emergency Manager
PULASKI COUNTY --- BUCKHORN [37.78, -92.27]				
	05/25/11 12:06 CST		0	Hail (1.00 in)
	05/25/11 12:06 CST		0	Source: Public
MILLER COUNTY --- 3.0 SW BAGNELL [38.20, -92.64]				
	05/25/11 12:10 CST		0	Hail (1.00 in)
	05/25/11 12:10 CST		0	Source: Broadcast Media
GREENE COUNTY --- FAIR GROVE [37.38, -93.15]				
	05/25/11 12:20 CST		0	Hail (1.00 in)
	05/25/11 12:20 CST		0	Source: Broadcast Media

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MORGAN COUNTY --- BARNETT [38.38, -92.67]				
	05/25/11 12:22 CST		10K	Hail (1.75 in)
	05/25/11 12:22 CST		0	Source: Amateur Radio
GREENE COUNTY --- 1.5 SSW PLEASANT VLY [37.28, -93.29]				
	05/25/11 12:25 CST		0	Thunderstorm Wind (EG 52 kt)
	05/25/11 12:25 CST		0	Source: Amateur Radio
Large limbs were blown down on Farm Road 159 and Highway AA.				
MILLER COUNTY --- ELDON [38.35, -92.58]				
	05/25/11 12:30 CST		0	Hail (0.88 in)
	05/25/11 12:30 CST		0	Source: Amateur Radio
MILLER COUNTY --- ETTERVILLE [38.37, -92.47]				
	05/25/11 12:32 CST		0	Thunderstorm Wind (EG 52 kt)
	05/25/11 12:32 CST		0	Source: Emergency Manager
Several large tree limbs were blown down.				
PULASKI COUNTY --- 0.9 SE DIXON [37.99, -92.09]				
	05/25/11 12:32 CST		0	Hail (1.00 in)
	05/25/11 12:32 CST		0	Source: Broadcast Media
WEBSTER COUNTY --- 0.7 S ELKLAND [37.44, -93.03]				
	05/25/11 12:33 CST		0	Thunderstorm Wind (EG 61 kt)
	05/25/11 12:33 CST		0	Source: Public
The public estimated a 70 mph wind gust.				
MILLER COUNTY --- 1.5 SSE OLEAN [38.40, -92.52]				
	05/25/11 12:35 CST		10K	Hail (1.75 in)
	05/25/11 12:35 CST		0	Source: Public
MILLER COUNTY --- 0.7 S OLEAN [38.41, -92.53]				
	05/25/11 12:40 CST		10K	Hail (1.75 in)
	05/25/11 12:40 CST		0	Source: Emergency Manager
PHELPS COUNTY --- 0.6 E NEWBURG [37.92, -91.89]				
	05/25/11 12:51 CST		0	Funnel Cloud
	05/25/11 12:51 CST		0	Source: Amateur Radio
MILLER COUNTY --- 0.5 E TUSCUMBIA [38.23, -92.46]				
	05/25/11 13:00 CST		1K	Thunderstorm Wind (EG 52 kt)
	05/25/11 13:00 CST		0	Source: Emergency Manager
A large tree limb was blown down on a power line.				
PHELPS COUNTY --- EDGAR SPGS [37.70, -91.87]				
	05/25/11 13:08 CST		0	Hail (0.75 in)
	05/25/11 13:08 CST		0	Source: Public
PHELPS COUNTY --- 0.9 NE FREEMANS STORE [37.66, -91.87]				
	05/25/11 13:14 CST		0	Hail (0.75 in)
	05/25/11 13:14 CST		0	Source: Law Enforcement
TEXAS COUNTY --- 0.6 E HOUSTON [37.33, -91.96]				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/25/11 13:15 CST		0	Hail (0.75 in)
	05/25/11 13:15 CST		0	Source: Law Enforcement
<hr/>				
PULASKI COUNTY --- WAYNESVILLE [37.83, -92.20]				
	05/25/11 13:20 CST		1K	Thunderstorm Wind (EG 52 kt)
	05/25/11 13:20 CST		0	Source: Law Enforcement
<hr/>				
A tree was blown down on a power line.				
<hr/>				
DENT COUNTY --- LECOMA [37.78, -91.73]				
	05/25/11 13:29 CST		0	Hail (0.88 in)
	05/25/11 13:29 CST		0	Source: Emergency Manager
<hr/>				
PHELPS COUNTY --- ROLLA [37.95, -91.77]				
	05/25/11 13:30 CST		0	Funnel Cloud
	05/25/11 13:30 CST		0	Source: Trained Spotter
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DENT COUNTY --- 0.6 E LENOX [37.65, -91.76]				
	05/25/11 13:40 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/25/11 13:40 CST		0	Source: Emergency Manager
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Metal roofing of a barn was blown off. Several trees were blown down.				
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MARIES COUNTY --- 0.7 N VIENNA [38.19, -91.95]				
	05/25/11 13:45 CST		0	Hail (1.25 in)
	05/25/11 13:45 CST		0	Source: Law Enforcement
<hr/>				
SHANNON COUNTY --- 9.0 N BLUE SPGS [37.18, -91.66]				
	05/25/11 13:45 CST		0	Hail (0.88 in)
	05/25/11 13:45 CST		0	Source: Fire Department/Rescue
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TEXAS COUNTY --- 0.6 E HOUSTON [37.33, -91.96]				
	05/25/11 13:45 CST		0	Hail (1.00 in)
	05/25/11 13:45 CST		0	Source: Amateur Radio
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HOWELL COUNTY --- WEST PLAINS [36.73, -91.85]				
	05/25/11 13:50 CST		0	Hail (1.00 in)
	05/25/11 13:50 CST		0	Source: Emergency Manager
<hr/>				
OREGON COUNTY --- 1.3 W BILLMORE [36.57, -91.24], 1.5 WNW JOB [36.55, -91.28]				
	05/25/11 13:56 CST		20K	Tornado (EF1, L: 2.50 mi , W: 100 yd)
	05/25/11 14:05 CST		0	Source: NWS Storm Survey
<hr/>				
A NWS survey team determined that an EF-1 tornado with winds 90 to 100 mph occurred in southern Oregon County. The tornado touched down about three miles north of Mrytle and lifted about five miles north of Mytle. One tree, about three feet in diameter was snapped and several other trees were uprooted with large limbs blown down. Three outbuildings had minor roof damage. The path width was about 100 yards.				
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OREGON COUNTY --- 0.6 W JOB [36.55, -91.26]				
	05/25/11 14:00 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/25/11 14:00 CST		0	Source: Law Enforcement
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Trees and power lines were blown down along County Road 244.				
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OREGON COUNTY --- 0.7 N COUCH [36.61, -91.38]				
	05/25/11 14:00 CST		10K	Hail (1.75 in)
	05/25/11 14:00 CST		0	Source: Emergency Manager
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OREGON COUNTY --- 3.0 NNW BILLMORE [36.61, -91.24]				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/25/11 14:05 CST		1K	Thunderstorm Wind (EG 52 kt)
	05/25/11 14:05 CST		0	Source: Law Enforcement
Trees were blown down along County Road 225 just south of County Road 305.				
DENT COUNTY --- MONTAUK [37.45, -91.70]				
	05/25/11 14:15 CST		10K	Hail (1.75 in)
	05/25/11 14:15 CST		0	Source: Public
PHELPS COUNTY --- 4.3 SW ZION HILL [37.89, -91.69]				
	05/25/11 14:20 CST		5K	Thunderstorm Wind (EG 61 kt)
	05/25/11 14:20 CST		0	Source: NWS Storm Survey
A NWS survey team determined that downburst winds uprooted several trees along and just east of Highway 72 from about 3 miles north of Lake Spring to 5 miles east of Rolla.				
HOWELL COUNTY --- WEST PLAINS [36.73, -91.85]				
	05/25/11 14:25 CST		0	Hail (1.00 in)
	05/25/11 14:25 CST		0	Source: Emergency Manager
HOWELL COUNTY --- WEST PLAINS [36.73, -91.85]				
	05/25/11 14:27 CST		0	Hail (0.88 in)
	05/25/11 14:27 CST		0	Source: Law Enforcement
HOWELL COUNTY --- 0.9 SE (H63)WEST PLAINS [36.72, -91.82]				
	05/25/11 14:28 CST		0	Hail (0.88 in)
	05/25/11 14:28 CST		0	Source: Public
SHANNON COUNTY --- 0.9 NE BIRCH TREE [36.99, -91.49]				
	05/25/11 15:15 CST		0	Hail (1.00 in)
	05/25/11 15:15 CST		0	Source: Public
SHANNON COUNTY --- 3.0 SW INK [37.30, -91.36]				
	05/25/11 15:20 CST		1K	Thunderstorm Wind (EG 52 kt)
	05/25/11 15:20 CST		0	Source: Law Enforcement
Trees were blown down on Highway 19.				
SHANNON COUNTY --- 0.9 NE BIRCH TREE [36.99, -91.49]				
	05/25/11 15:23 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/25/11 15:23 CST		0	Source: Law Enforcement
Several trees were blown down on Highway 60.				
SHANNON COUNTY --- 2.1 NNE MUNSETT [37.15, -91.32]				
	05/25/11 15:23 CST		1K	Thunderstorm Wind (EG 52 kt)
	05/25/11 15:23 CST		0	Source: Law Enforcement
Several trees were blown down on State Route 106.				
OREGON COUNTY --- 0.9 NW MYRTLE [36.51, -91.28]				
	05/25/11 16:01 CST		0	Hail (1.25 in)
	05/25/11 16:01 CST		0	Source: Public
SHANNON COUNTY --- 0.9 NE BIRCH TREE [36.99, -91.49]				
	05/25/11 16:21 CST		10K	Thunderstorm Wind (EG 52 kt)
	05/25/11 16:21 CST		0	Source: Law Enforcement
A large tree fell on a police car.				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A powerful upper level low pressure system moved across the Ozarks causing numerous strong to severe storms to develop with several supercells as well.				
BARRY COUNTY --- 0.9 NE MONETT FRIEND ARPT [36.91, -94.01]				
	05/27/11 12:16 CST	0		Hail (0.88 in)
	05/27/11 12:16 CST	0		Source: Law Enforcement
MCDONALD COUNTY --- 1.3 ENE POWELL [36.63, -94.16]				
	05/27/11 12:24 CST	0		Hail (0.75 in)
	05/27/11 12:24 CST	0		Source: Post Office
BARRY COUNTY --- 3.9 ESE CASSVILLE FLDS ARPT [36.65, -93.77]				
	05/27/11 12:55 CST	0		Hail (1.00 in)
	05/27/11 12:55 CST	0		Source: Public
BARRY COUNTY --- SHELL KNOB [36.63, -93.63]				
	05/27/11 13:05 CST	0		Hail (1.00 in)
	05/27/11 13:05 CST	0		Source: Public
STONE COUNTY --- 3.0 SW REEDS SPG [36.72, -93.42]				
	05/27/11 13:20 CST	0		Hail (1.00 in)
	05/27/11 13:20 CST	0		Source: Emergency Manager
STONE COUNTY --- 2.1 NNE KIMBERLING CITY [36.63, -93.42]				
	05/27/11 13:24 CST	0		Hail (0.75 in)
	05/27/11 13:24 CST	0		Source: Emergency Manager
DOUGLAS COUNTY --- 1.8 SE SQUIRES [36.83, -92.60]				
	05/27/11 15:13 CST	0		Hail (0.75 in)
	05/27/11 15:13 CST	0		Source: Fire Department/Rescue
DOUGLAS COUNTY --- 2.8 S VANZANT [36.93, -92.32]				
	05/27/11 15:36 CST	0		Hail (0.75 in)
	05/27/11 15:36 CST	0		Source: Amateur Radio
OZARK COUNTY --- 0.6 E DORA [36.78, -92.22]				
	05/27/11 15:52 CST	0		Hail (1.00 in)
	05/27/11 15:52 CST	0		Source: Public
HOWELL COUNTY --- WEST PLAINS ARPT [36.75, -91.87]				
	05/27/11 16:11 CST	5K		Thunderstorm Wind (EG 52 kt)
	05/27/11 16:11 CST	0		Source: Emergency Manager
Power lines were blown down.				
HOWELL COUNTY --- WEST PLAINS [36.73, -91.85]				
	05/27/11 16:15 CST	0		Hail (0.88 in)
	05/27/11 16:15 CST	0		Source: Law Enforcement
An upper level disturbance interacted with a warm front across the Ozarks and produced several strong to severe storms.				
DALLAS COUNTY --- 0.9 NW PUMPKIN CENTER [37.76, -93.09]				
	05/28/11 05:04 CST	0		Hail (0.88 in)
	05/28/11 05:04 CST	0		Source: Emergency Manager
ST. CLAIR COUNTY --- 0.7 S APPLETON CITY [38.19, -94.03]				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/28/11 06:29 CST		0	Hail (1.00 in)
	05/28/11 06:29 CST		0	Source: COOP Observer
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LACLEDE COUNTY --- 0.6 E LEBANON [37.68, -92.66]				
	05/28/11 07:26 CST		0	Hail (0.88 in)
	05/28/11 07:26 CST		0	Source: Emergency Manager
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WRIGHT COUNTY --- 4.9 S HARTVILLE [37.18, -92.53]				
	05/28/11 07:50 CST		10K	Hail (1.75 in)
	05/28/11 07:50 CST		0	Source: CoCoRaHS
<hr/>				
WRIGHT COUNTY --- 2.8 N MANSFIELD [37.16, -92.58]				
	05/28/11 07:52 CST		0	Hail (1.25 in)
	05/28/11 07:52 CST		0	Source: Amateur Radio
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A warm front lifting northward across the Ozarks produced strong to severe storms which had large hail.				
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CAMDEN COUNTY --- 0.5 W GREEN BAY TERRACE [38.10, -92.78]				
	05/31/11 06:00 CST		0	Hail (0.75 in)
	05/31/11 06:00 CST		0	Source: Public
<hr/>				
CAMDEN COUNTY --- 1.3 ESE HURRICANE DECK [38.12, -92.78]				
	05/31/11 06:10 CST		5K	Thunderstorm Wind (EG 60 kt)
	05/31/11 06:10 CST		0	Source: Law Enforcement

Multiple trees were blown down along Highway F south of Sunrise Beach.

An upper level disturbance moving north of the Ozarks produced a couple strong to severe storms which caused isolated large hail and wind damage.