

## Storm Data and Unusual Weather Phenomena - January 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ILLINOIS, South</b>				
<b>WHITE COUNTY --- 1.0 N NEW HAVEN [37.91, -88.13]</b>				
	01/10/08 12:00 CST		0	Hail (0.88 in)
	01/10/08 12:00 CST		0	Source: Trained Spotter
Hail was nearly covering the ground.				
<b>WHITE COUNTY --- GRAYVILLE [38.27, -88.00]</b>				
	01/10/08 12:20 CST		0	Hail (0.88 in)
	01/10/08 12:20 CST		0	Source: Trained Spotter
<b>WABASH COUNTY --- 0.5 E BELLMONT [38.38, -87.91]</b>				
	01/10/08 12:28 CST		0	Hail (1.00 in)
	01/10/08 12:28 CST		0	Source: Trained Spotter
<b>WABASH COUNTY --- MT CARMEL [38.42, -87.77]</b>				
	01/10/08 12:31 CST		0	Hail (0.88 in)
	01/10/08 12:31 CST		0	Source: Trained Spotter
<p>Low pressure over south central Missouri produced an unseasonably mild south wind flow. Strong to severe thunderstorms developed in the southerly flow ahead of a cold front approaching the Mississippi Valley.</p>				
<b>(IL-Z075) JEFFERSON, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z084) JACKSON</b>				
	01/31/08 11:00 CST		0	Winter Storm
	01/31/08 23:59 CST		0	
<p>A deepening surface low pressure system tracked northward from the Lower Mississippi Valley, passing across far western Kentucky. Cold air wrapped southward around the back side of the low, keeping precipitation frozen or freezing over parts of southern Illinois. Storm total precipitation ranged from 3 to 6 inches west of Interstate 57. Specific snow and sleet accumulations included 5 inches at Ava (near Carbondale in Jackson County), 3 inches at Carbondale, and 3 inches at Pinckneyville (in Perry County). In addition, a light glaze of ice up to one-tenth inch occurred in some places. Numerous accidents occurred. On Highway 127 south of Pinckneyville, a car went sideways into a skid and crossed into the path of a semi. The two vehicles crashed, and both people in the car were killed.</p>				
<b>JACKSON COUNTY --- MURPHYSBORO [37.77, -89.33], (MDH)CRBNDL/MRFYSBRO [37.78, -89.25]</b>				
	01/29/08 15:50 CST		0.10M	Thunderstorm Wind (MG 63 kt)
	01/29/08 16:00 CST		0	Source: ASOS
<p>Widespread damage was reported throughout the county. Rooftop heating units were damaged. A trailer was blown off of its foundation, and numerous trees were down countywide. The wind gusted to 73 mph at the middle school in Murphysboro. The automated observing system at the Carbondale airport measured a peak wind of 73 mph. Trees were down throughout Murphysboro. Minor damage was reported to several homes and businesses in town, mainly to roofs.</p>				
<b>PERRY COUNTY --- 1.5 SSW DU QUOIN [38.00, -89.24], DU QUOIN [38.02, -89.23]</b>				
	01/29/08 15:50 CST		20K	Thunderstorm Wind (EG 52 kt)
	01/29/08 15:50 CST		0	Source: Utility Company
<p>Numerous branches and power lines were down, affecting several dozen residences. Siding was blown off the sides of a church. A large awning was blown off a newspaper building.</p>				
<b>JEFFERSON COUNTY --- MT VERNON [38.32, -88.90], MARCOE [38.27, -88.97]</b>				
	01/29/08 15:59 CST		40K	Thunderstorm Wind (EG 56 kt)
	01/29/08 16:00 CST		0	Source: Newspaper
<p>In Mt. Vernon, several trees and power lines were blown down. Some streets were blocked. In McClellan, a pole barn was destroyed. The roof of a nearby house received major damage, and siding was torn from it.</p>				
<b>FRANKLIN COUNTY --- 0.6 SSW SESSER [38.09, -89.05], 0.5 W BENTON [38.00, -88.93]</b>				
	01/29/08 16:03 CST		0	Hail (0.88 in)
	01/29/08 16:17 CST		0	Source: Law Enforcement

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Nickel size hail was reported at Sesser and along Interstate 57 at the Benton exit.				
<b>PERRY COUNTY --- DU QUOIN [38.02, -89.23]</b>				
	01/29/08 16:04 CST		0	Hail (0.88 in)
	01/29/08 16:04 CST		0	Source: Law Enforcement
<b>UNION COUNTY --- 2.0 E WARE [37.46, -89.36], 2.4 W MT PLEASANT [37.44, -89.11]</b>				
	01/29/08 16:05 CST		0.10M	Thunderstorm Wind (EG 65 kt)
	01/29/08 16:20 CST		0	Source: Law Enforcement
Roofs were blown off, and trees were blown down on U.S. Highway 51 south of Anna. East of Anna in the Mt. Pleasant area, numerous trees were down and structures were damaged. A roof was blown off a house west of Jonesboro. Countywide, a large number of trees and utility lines were blown down.				
<b>UNION COUNTY --- 3.2 SSW WOLF LAKE [37.46, -89.46], 1.8 WNW WARE [37.46, -89.43]</b>				
	01/29/08 16:12 CST		10K	Tornado (EF1, L: 1.65 mi , W: 100 yd)
	01/29/08 16:13 CST		0	Source: NWS Storm Survey
The tornado crossed the Mississippi River from Cape Girardeau County, Missouri. During its short path in Union County, a large grain bin was blown onto a road. Numerous shingles were blown off a farm house. A couple of trees were uprooted. The average path width was 50 yards. Peak winds were estimated near 95 mph.				
<b>FRANKLIN COUNTY --- BENTON [38.00, -88.92]</b>				
	01/29/08 16:15 CST		15K	Thunderstorm Wind (EG 61 kt)
	01/29/08 16:15 CST		0	Source: Trained Spotter
A portion of roof was blown off of a garage, damaging a vehicle traveling along a roadway in downtown Benton.				
<b>JACKSON COUNTY --- CARBONDALE [37.72, -89.22], MURPHYSBORO [37.77, -89.33]</b>				
	01/29/08 16:15 CST		0	Hail (0.75 in)
	01/29/08 16:17 CST		0	Source: Public
<b>ALEXANDER COUNTY --- 0.8 WSW OLIVE BRANCH [37.17, -89.36], CAIRO [37.00, -89.18]</b>				
	01/29/08 16:17 CST		20K	Thunderstorm Wind (EG 52 kt)
	01/29/08 16:25 CST		0	Source: Law Enforcement
Trees were blown down. A tree was down on a trailer. Road signs were down on Illinois Route 3 at Olive Branch.				
<b>HAMILTON COUNTY --- DAHLGREN [38.20, -88.68]</b>				
	01/29/08 16:18 CST		6K	Thunderstorm Wind (EG 61 kt)
	01/29/08 16:18 CST		0	Source: Trained Spotter
A garage roof was blown off.				
<b>WAYNE COUNTY --- KEENES [38.33, -88.63]</b>				
	01/29/08 16:18 CST		75K	Thunderstorm Wind (EG 65 kt)
	01/29/08 16:18 CST		0	Source: Trained Spotter
Roofs were off of buildings, and a farm silo was destroyed. Trees were uprooted, and some tops of trees were blown off. Damage was reported to an outbuilding.				
<b>ALEXANDER COUNTY --- 0.7 N TAMMS [37.24, -89.27]</b>				
	01/29/08 16:25 CST		0	Hail (0.88 in)
	01/29/08 16:25 CST		0	Source: Law Enforcement
<b>PULASKI COUNTY --- 2.0 N ULLIN [37.30, -89.18], MOUND CITY [37.08, -89.17]</b>				
	01/29/08 16:26 CST		0.10M	Thunderstorm Wind (EG 61 kt)
	01/29/08 16:41 CST		0	Source: Emergency Manager
Numerous trees were blown down across the county, especially from Ullin north. The roof was partially blown off a high school just east of Ullin. In Mound City, trees penetrated the roofs of two homes. A roof was damaged in Olmsted. Several vehicles were damaged by falling trees around the county.				

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<b>WILLIAMSON COUNTY --- 1.0 S MARION [37.72, -88.93]</b>				
	01/29/08 16:28 CST		0	Hail (0.88 in)
	01/29/08 16:28 CST		0	Source: Trained Spotter
Nickel size hail was reported on the south side of Marion.				
<b>JOHNSON COUNTY --- 3.9 E GOREVILLE [37.54, -88.90]</b>				
	01/29/08 16:30 CST		0.15M	Thunderstorm Wind (EG 61 kt)
	01/29/08 16:30 CST		0	Source: Emergency Manager
An old house was blown completely off its foundation and destroyed. A boat, camper, and large pole barn were destroyed. Roofs were damaged nearby, and trees were blown down in the area.				
<b>WAYNE COUNTY --- 2.0 S FAIRFIELD [38.35, -88.37], 2.0 N FAIRFIELD [38.41, -88.37]</b>				
	01/29/08 16:30 CST		0.12M	Thunderstorm Wind (EG 65 kt)
	01/29/08 16:30 CST		0	Source: Law Enforcement
Roofs were blown off homes and other buildings in and around Fairfield. A roof was blown off of a house along U.S. Highway 45 just south of town. U.S. Highway 45 was closed between Interstate 64 and Fairfield after trees blew across the highway. A 60-foot tall concrete silo was blown over, and several large grain bins were destroyed. Temperatures dropped 26 degrees in less than 30 minutes at the Fairfield airport.				
<b>SALINE COUNTY --- ELDORADO [37.82, -88.43], 1.4 S LEDFORD [37.68, -88.58]</b>				
	01/29/08 16:32 CST		0.20M	Thunderstorm Wind (EG 65 kt)
	01/29/08 16:47 CST		0	Source: Emergency Manager
Damage was reported between Raleigh and Eldorado. Two mobile homes were destroyed. The steeple of a church was blown off in Eldorado. A large tree fell onto a car. An outbuilding was destroyed, and a large tree fell on the corner of a house. Several houses lost pieces of roofing. A carport was lifted and blown onto a van. An oil-filled tank overturned and spilled oil. About 30 homes and businesses reported roof damage across the county, and another 30 were suspected of not reporting or not detecting damage. Downed trees and power lines were reported along Hilltop Road and U.S. 45. Widespread tree damage occurred throughout the county.				
<b>SALINE COUNTY --- 0.9 NE GALATIA [37.84, -88.61], 0.6 E STONEFORT [37.62, -88.71]</b>				
	01/29/08 16:39 CST		0	Hail (0.88 in)
	01/29/08 16:45 CST		0	Source: Trained Spotter
<b>WHITE COUNTY --- 0.5 W GRAYVILLE [38.27, -88.01], 0.4 W EPWORTH [38.07, -88.11]</b>				
	01/29/08 16:45 CST		0.10M	Thunderstorm Wind (EG 61 kt)
	01/29/08 16:55 CST		0	Source: Newspaper
A large section of the roof was torn off an elementary school on the west side of Grayville. A nursing home in Grayville sustained some roof damage. A barn west of town was destroyed. Several trees and utility poles were down. South of Carmi, some outbuildings were destroyed near Epworth. Sheet metal was blown into a power substation. In Norris City, the Masonic lodge lost its roof. On Route 1, a motorist drove into a fallen tree across the road.				
<b>MASSAC COUNTY --- 1.3 E MERMET [37.27, -88.83], 0.6 N BROOKPORT [37.13, -88.63]</b>				
	01/29/08 16:50 CST		0.10M	Thunderstorm Wind (EG 56 kt)
	01/29/08 17:00 CST		0	Source: Emergency Manager
In Metropolis, some roofing was blown onto streets. Boats on trailers were overturned. In the Mermet area, windows were blown out of a house. Shingles were blown off houses. In and around Brookport, metal sheds were blown into trees. Two mobile homes were flipped over. At least three other mobile homes were damaged. Widespread tree damage occurred countywide.				
<b>EDWARDS COUNTY --- 6.6 S BROWNS [38.29, -87.98]</b>				
	01/29/08 16:55 CST		15K	Thunderstorm Wind (EG 52 kt)
	01/29/08 16:55 CST		0	Source: Newspaper
A semi was blown into another semi, blocking Illinois Route 1.				
<b>WABASH COUNTY --- LANCASTER [38.55, -87.87]</b>				
	01/29/08 16:56 CST		0	Hail (0.88 in)
	01/29/08 16:56 CST		0	Source: Amateur Radio

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<b>GALLATIN COUNTY --- SHAWNEETOWN [37.70, -88.13], RIDGWAY [37.78, -88.27]</b>				
	01/29/08 17:00 CST		50K	Thunderstorm Wind (EG 65 kt)
	01/29/08 17:10 CST		0	Source: Trained Spotter

The roof was blown off of a tool shop in the community of Shawneetown. At Ridgway, power lines were down, and a mobile home was blown off its foundation.

<b>WABASH COUNTY --- MT CARMEL [38.42, -87.77]</b>				
	01/29/08 17:10 CST		5K	Thunderstorm Wind (EG 52 kt)
	01/29/08 17:10 CST		0	Source: Trained Spotter

Wind gusts to 60 mph were reported on the east side of town. No electrical power was on the east side of the community.

**A powerful cold front moved rapidly southeast across southern Illinois during the late afternoon hours. An organized line of severe thunderstorms developed along the front as it approached southern Illinois. Widespread damaging winds accompanied the line of storms. Temperatures fell about 30 degrees in less than one hour when the very strong cold front passed through.**

<b>(IL-Z092) ALEXANDER</b>				
	01/29/08 16:45 CST		0.10M	High Wind (MAX 61 kt)
	01/29/08 17:00 CST		0	

**A brief period of high winds followed in the wake of a cold front passage. In Cairo, a large portion of the roof was blown off an old, historic church 116 years old. The church was deemed unrepairable.**

<b>GALLATIN COUNTY --- SHAWNEETOWN [37.70, -88.13], 1.6 SW SHAWNEETOWN [37.68, -88.15], 1.5 SW SHAWNEETOWN [37.68, -88.15], 0.1 SSE SHAWNEETOWN [37.70, -88.13]</b>				
	01/16/08 00:00 CST		0	Flood (due to Heavy Rain)
	01/18/08 06:00 CST		0	Source: Other Federal

Minor flooding of the Ohio River occurred. At the Shawneetown gage, where flood stage is 33 feet, the river crested at 33.33 feet on the 17th. Bottomland fields were flooded.

**The new year started off as an active one, with numerous systems traversing the region. These systems brought rain, snow, and thunder. The frequency of systems caused enough rainfall to push the Ohio River above flood stage.**

<b>WABASH COUNTY --- MT CARMEL [38.42, -87.77], 1.3 E MT CARMEL [38.42, -87.75], 1.9 NE MT CARMEL [38.44, -87.74], 1.3 NE MT CARMEL [38.43, -87.75]</b>				
	01/12/08 10:00 CST		0	Flood (due to Heavy Rain)
	01/20/08 17:00 CST		0	Source: Other Federal

Minor flooding of the Wabash River occurred. At Mount Carmel, where flood stage is 19 feet, the river crested at 21.57 feet on the 18th. Minor flooding of bottomland fields occurred. Some low oil wells were shut down.

**The new year started off as an active one, with numerous systems traversing the region. These systems brought rain, snow, and thunder. The frequency of systems caused enough rainfall to push the Wabash River above flood stage.**

<b>ALEXANDER COUNTY --- 0.6 NNW TAMMS [37.24, -89.27], 1.4 NE TAMMS [37.25, -89.25], 0.5 E UNITY [37.15, -89.26], 0.7 SSW HODGES PARK [37.16, -89.28]</b>				
	01/08/08 19:00 CST		0	Flood (due to Heavy Rain)
	01/09/08 23:00 CST		0	Source: NWS Storm Survey

<b>PULASKI COUNTY --- 3.4 WNW PULASKI [37.24, -89.25], 3.7 WNW MOUNDS [37.14, -89.26], 2.9 NW MOUNDS [37.15, -89.24], 2.7 NW PULASKI [37.24, -89.24]</b>				
	01/08/08 19:00 CST		0	Flood (due to Heavy Rain)
	01/09/08 23:00 CST		0	Source: NWS Storm Survey

**A strengthening warm front over far southern Illinois and western Kentucky became the focus for strong thunderstorms on the 8th. As this warm front moved slowly north, dew points in the upper 50's spread north from Tennessee. Heavy rain caused flooding of the Cache River. At least two roads across the river were closed or impassable.**

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<b>VANDERBURGH COUNTY --- EVANSVILLE [37.98, -87.55]</b>				
	01/08/08 16:00 CST		0	Heavy Rain
	01/08/08 17:00 CST		0	Source: Newspaper
A daily rainfall record was broken at Evansville. The rainfall of 2.56 inches (through early evening) broke the previous record of 1.68 inches. A portion of the Lloyd Expressway was covered by water.				
<b>VANDERBURGH COUNTY --- 0.5 SW EVANSVILLE [37.97, -87.56]</b>				
	01/08/08 16:16 CST		0	Hail (1.75 in)
	01/08/08 16:16 CST		0	Source: Broadcast Media
Golf-ball hail was reported at the University of Southern Indiana, which is on the west side of the city of Evansville.				
<b>VANDERBURGH COUNTY --- 0.5 E EVANSVILLE [37.98, -87.54]</b>				
	01/08/08 16:17 CST		0	Funnel Cloud
	01/08/08 16:17 CST		0	Source: Unknown
The funnel cloud was aloft over Central High School in the northern part of the city of Evansville.				
<b>VANDERBURGH COUNTY --- 0.7 N DARMSTADT [38.11, -87.58]</b>				
	01/08/08 16:20 CST		15K	Thunderstorm Wind (EG 61 kt)
	01/08/08 16:20 CST		0	Source: Trained Spotter
Numerous power poles were snapped off at ground level in a one quarter to one half mile path of damage.				
<b>A strengthening warm front over far southern Illinois and western Kentucky became the focus for strong to locally severe thunderstorms. As this warm front moved slowly north, dew points in the upper 50's spread north from Tennessee. Instability was weak, but low-level wind shear was very favorable.</b>				
<b>POSEY COUNTY --- 0.9 SW STEWARTSVILLE [38.17, -87.84]</b>				
	01/10/08 11:48 CST		0	Hail (0.75 in)
	01/10/08 11:48 CST		0	Source: Trained Spotter
The hail was covering the ground.				
<b>Low pressure over south central Missouri produced an unseasonably mild south wind flow. Strong to severe thunderstorms developed in the southerly flow ahead of a cold front approaching the Mississippi Valley.</b>				
<b>POSEY COUNTY --- 1.4 S NEW HARMONY [38.11, -87.93], POSEYVILLE [38.17, -87.78]</b>				
	01/29/08 17:03 CST		50K	Thunderstorm Wind (EG 61 kt)
	01/29/08 17:16 CST		0	Source: Amateur Radio
Winds were estimated around 60 mph by an amateur radio operator in Poseyville. Around the county, at least 22 homes received some type of damage. Most of the damage was to roofs. Just south of New Harmony, a semi was blown over.				
<b>POSEY COUNTY --- 2.5 WNW STEWARTSVILLE [38.19, -87.87], 2.5 NE STEWARTSVILLE [38.21, -87.80]</b>				
	01/29/08 17:07 CST	2	0.20M	Tornado (EF2, L: 4.16 mi , W: 100 yd)
	01/29/08 17:10 CST		0	Source: NWS Storm Survey
A mobile home was destroyed. Two occupants of the mobile home were killed. Numerous trees were uprooted. One barn was destroyed, along with some small sheds. Four barns, three houses, and one church were damaged. The damage was mostly to roofs. Peak winds were estimated near 120 mph. The average path width was estimated to be 80 yards. The tornado continued into extreme southern Gibson County.				
Direct Fatalities: F83MH, F57MH				
<b>GIBSON COUNTY --- 5.4 SSE CRAWLEYVILLE [38.21, -87.80], 2.5 W MOUNTS [38.23, -87.75]</b>				
	01/29/08 17:10 CST		50K	Tornado (EF2, L: 2.85 mi , W: 100 yd)
	01/29/08 17:11 CST		0	Source: NWS Storm Survey
The tornado entered southern Gibson County from northern Posey County. Damage consisted mostly of downed trees and a few damaged barns and sheds. Peak winds were estimated near 120 mph. The average path width was about 80 yards.				
<b>GIBSON COUNTY --- JOHNSON [38.28, -87.75], 0.3 NE OAKLAND CITY [38.33, -87.35]</b>				

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	01/29/08 17:15 CST		0.30M	Thunderstorm Wind (EG 70 kt)
	01/29/08 17:30 CST		0	Source: Trained Spotter

Many homes around the county sustained some type of wind damage, mostly minor. At least two homes had roofs blown off, including one in Fort Branch and one near Oakland City. A church in Johnson was partially unroofed. A single wide mobile home just west of Johnson was overturned. A line of utility poles went down in Fort Branch, leaving the entire town without power. The ticket booth, concession stand, bleachers, and light towers were damaged at a high school. In Princeton, a tree fell across a main street and onto a vehicle. Near Oakland City, one house was destroyed. Several other houses and a barn had roof damage. A turkey farm received major damage, where over 2,000 turkeys, a brooder house, and a garage were destroyed. Indiana Route 57 was closed four miles north of the Indiana 64 junction because of downed power lines. About 15 people spent the night at a Red Cross shelter in Fort Branch.

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### POSEY COUNTY --- POSEYVILLE [38.17, -87.78]

01/29/08 17:16 CST	0	Hail (0.75 in)
01/29/08 17:16 CST	0	Source: Amateur Radio

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### VANDERBURGH COUNTY --- ST WENDELLS [38.10, -87.70], 2.0 E EVANSVILLE [37.98, -87.51]

01/29/08 17:20 CST	0.25M	Thunderstorm Wind (EG 65 kt)
01/29/08 17:35 CST	0	Source: Trained Spotter

Numerous buildings around the county sustained mostly minor damage, such as shingles blown off. Several reports of wind gusts from 60 to 75 mph were received. At the Evansville airport, a gust to 71 mph was measured by the automated surface observing system. Sustained winds were clocked at 52 mph. The highest estimated gust was 75 mph in the northwest part of the county, reported by a trained spotter. In Evansville, a gust to 60 mph was measured on the west side of the city, and a gust to 63 mph was measured on the southeast side. Numerous trees and power lines were down. A semi was blown over, and roofs were blown completely off two homes. An elementary school sustained considerable roof damage. North of St. Wendel, a pole barn, hay barn, implement shed, and a grain bin were destroyed. Minor damage occurred to tractors and farm equipment. A pole barn in the exact same place was destroyed just a few years earlier, in 2004.

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### GIBSON COUNTY --- OAKLAND CITY [38.33, -87.35]

01/29/08 17:30 CST	0	Hail (1.00 in)
01/29/08 17:30 CST	0	Source: Newspaper

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### WARRICK COUNTY --- BOONVILLE [38.05, -87.27]

01/29/08 17:35 CST	10K	Thunderstorm Wind (EG 52 kt)
01/29/08 17:35 CST	0	Source: Trained Spotter

Traffic signals and signs were blown down.

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### WARRICK COUNTY --- 0.7 S CHANDLER [38.04, -87.37]

01/29/08 17:39 CST	0	Funnel Cloud
01/29/08 17:39 CST	0	Source: Trained Spotter

The funnel cloud was reported along Highway 66 and Edwards St.

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### SPENCER COUNTY --- ROCKPORT [37.88, -87.05], RICHLAND CITY [37.95, -87.17]

01/29/08 17:50 CST	0.10M	Thunderstorm Wind (EG 61 kt)
01/29/08 18:05 CST	0	Source: Emergency Manager

Countywide, trees and power lines were down. Minor structural damage occurred, with damage to roofs and outbuildings.

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### PIKE COUNTY --- COE [38.30, -87.25], CATO [38.43, -87.18]

01/29/08 18:32 EST	0.10M	Thunderstorm Wind (EG 65 kt)
01/29/08 18:43 EST	0	Source: Newspaper

At least seven homes across the county sustained damage. The most severe house damage occurred in the Coe area. A two-car garage was destroyed, with debris blown onto Highway 61. Pieces of the garage were blown through the roof of the house. A central air conditioning unit was blown off its pad. A house next door lost part of its roof. A pole barn was blown apart near Cato. Across the county, a large number of trees were blown down. At least 15 roads were impassable at one point, including State Highway 56. Near Winslow, a tree was blown onto a house with damage to the front of the home. Schools were closed the following day.

**A powerful cold front moved rapidly southeast across southwest Indiana during the late afternoon hours. An organized line of severe thunderstorms developed along the front as it approached southern Illinois, then swept east across southwest Indiana. Widespread damaging winds accompanied the line of storms. Temperatures fell about 30 degrees in less than one hour when the very strong cold front passed through.**

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<b>POSEY COUNTY --- NEW HARMONY [38.13, -87.93], 0.9 WSW NEW HARMONY [38.13, -87.94], 0.6 WNW NEW HARMONY [38.13, -87.94], 0.5 NNW NEW HARMONY [38.14, -87.93]</b>				
	01/15/08 04:00 CST		0	Flood (due to Heavy Rain)
	01/15/08 04:00 CST		0	Source: Other Federal

Minor flooding of the Wabash River occurred. At New Harmony, where flood stage is 15 feet, the river crested at 15.96 feet on the 19th. This resulted in minor flooding of bottomland fields.

The new year started off as an active one, with numerous systems traversing the region. These systems brought rain, snow, and thunder. The frequency of systems caused enough rainfall to push the Wabash River above flood stage.

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**PIKE COUNTY --- 2.0 NNE PETERSBURG [38.53, -87.27], 1.5 NE PETERSBURG [38.52, -87.26], 1.0 WNW PETERSBURG [38.51, -87.30], 1.1 NW PETERSBURG [38.51, -87.30]**

01/10/08 03:00 EST	0	Flood (due to Heavy Rain)
01/18/08 18:00 EST	0	Source: Unknown

Minor flooding of the White River occurred. At Petersburg, where flood stage is 16 feet, the river crested at 19.73 feet on the 15th. Minor flooding of low-lying bottomland fields occurred. State Road 257 began to flood. Low oil fields were flooded, and a few local county roads were closed.

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**GIBSON COUNTY --- 1.2 NW HAZLETON [38.49, -87.54], 1.9 WNW HAZLETON [38.49, -87.56], 1.8 WNW HAZLETON [38.49, -87.56], 1.2 WNW HAZLETON [38.49, -87.55]**

01/11/08 07:00 CST	0	Flood (due to Heavy Rain)
01/19/08 07:00 CST	0	Source: Other Federal

Minor flooding of the White River occurred. At Hazleton, where flood stage is 16 feet, the river crested at 19.60 feet on the 17th. Low lying oil fields and county roads flooded. High water isolated Pottstown, a river cabin community.

The new year started off as an active one, with numerous systems traversing the region. These systems brought rain, snow, and thunder. The frequency of systems caused enough rainfall to push the White River above flood stage.

### KENTUCKY, Southwest

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**MCCRACKEN COUNTY --- PADUCAH [37.08, -88.63]**

01/08/08 15:00 CST	0	Heavy Rain
01/08/08 16:00 CST	0	Source: Newspaper

Streets were flooded in Paducah. Street workers cleared storm drains before water reached any homes.

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**HICKMAN COUNTY --- 1.5 SSW CLINTON [36.65, -88.99]**

01/08/08 15:10 CST	0	Funnel Cloud
01/08/08 15:10 CST	0	Source: Law Enforcement

The funnel cloud was rotating at the time that it was observed.

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**LIVINGSTON COUNTY --- 0.9 NW GRAND RIVERS [37.01, -88.24]**

01/08/08 16:04 CST	0	Thunderstorm Wind (EG 52 kt)
01/08/08 16:04 CST	0	Source: Law Enforcement

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**DAVIESS COUNTY --- 2.0 E WEST LOUISVILLE [37.70, -87.24]**

01/08/08 17:36 CST	0	Funnel Cloud
01/08/08 17:36 CST	0	Source: Unknown

This funnel cloud was rotating at the time of the report.

A strengthening warm front over far southern Illinois and western Kentucky became the focus for strong to locally severe thunderstorms. As this warm front moved slowly north, dew points in the upper 50's spread north from Tennessee. Instability was weak, but low-level wind shear was very favorable.

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**BALLARD COUNTY --- 0.6 SE OSCAR [37.12, -89.02], 1.1 ESE HINKLEVILLE [37.04, -88.93]**

## Storm Data and Unusual Weather Phenomena - January 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/29/08 16:38 CST		50K	Thunderstorm Wind (EG 56 kt)
	01/29/08 16:47 CST		0	Source: Trained Spotter
<p>Large limbs and trees were down throughout the county. About three miles south of LaCenter, part of a roof was blown off a house. A barn was blown onto a roadway about three miles south of Kevil. Most of the tree and power line damage was reported from 3 miles northwest of LaCenter to 8 miles southwest of LaCenter.</p>				
<hr/>				
<b>HICKMAN COUNTY --- 1.6 SW CROLEY [36.61, -88.95]</b>				
	01/29/08 16:40 CST		5K	Thunderstorm Wind (EG 52 kt)
	01/29/08 16:40 CST		0	Source: Newspaper
<p>A power pole fell across U.S. Highway 51, blocking traffic. A tree fell across the same highway near mile marker 14.</p>				
<hr/>				
<b>CARLISLE COUNTY --- BARDWELL [36.87, -89.02]</b>				
	01/29/08 16:41 CST		60K	Thunderstorm Wind (MG 60 kt)
	01/29/08 16:41 CST		0	Source: Trained Spotter
<p>A portable horse barn was blown onto U.S. Highway 51. A pavilion covering picnic tables was destroyed. Several trees were uprooted, and large limbs were blown down. Part of the roof of a new storage building was blown off. Power lines were down. A wind gust to 69 mph was measured at the Bardwell Fire Department and County Rescue Squad building.</p>				
<hr/>				
<b>MCCRACKEN COUNTY --- (PAH)BARKLEY ARPT PA [37.07, -88.77], 1.0 SSW REIDLAND [37.01, -88.54]</b>				
	01/29/08 16:50 CST		50K	Thunderstorm Wind (MG 56 kt)
	01/29/08 17:05 CST		0	Source: ASOS
<p>The roof was blown off of a mobile home near the Ohio River west of Paducah. A nearby house was struck by a falling tree. A large tree limb fell on a house in Paducah, causing considerable damage. A power pole was snapped in Paducah. A fence was blown down in Reidland. Eight trees were blown down southwest of Barkley Regional Airport near the Ballard County line. A wind gust to 64 mph was measured at Barkley Regional Airport west of Paducah.</p>				
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<b>FULTON COUNTY --- FULTON [36.52, -88.87]</b>				
	01/29/08 16:56 CST		10K	Thunderstorm Wind (EG 52 kt)
	01/29/08 16:56 CST		0	Source: Emergency Manager
<p>In Fulton, some shingles were blown from roofs. A few trees were blown down.</p>				
<hr/>				
<b>GRAVES COUNTY --- DUBLIN [36.73, -88.80]</b>				
	01/29/08 17:00 CST		50K	Thunderstorm Wind (EG 61 kt)
	01/29/08 17:00 CST		0	Source: Newspaper
<p>Steel patio furniture was blown around. A tin roof was blown off a mobile home. A car was damaged by the roof. A carport was blown away. The roof was torn from a back deck, and a front porch was damaged. A garage was destroyed. A horse was blown onto a road. The horse was badly injured and was euthanized.</p>				
<hr/>				
<b>GRAVES COUNTY --- MAYFIELD [36.73, -88.63], 1.7 SE WINGO [36.64, -88.70]</b>				
	01/29/08 17:00 CST		90K	Thunderstorm Wind (EG 56 kt)
	01/29/08 17:15 CST		0	Source: Trained Spotter
<p>Numerous trees and power lines were blown down around the county. Cleanup crews were removing downed trees through the night and the following day. In Mayfield, about a dozen trees and large tree limbs were down throughout the community. Five power poles were snapped. The roof was blown off a baseball dugout, fencing was knocked down, and bleachers were damaged. In the Sedalia area, several trees were down, blocking Highways 381 and 303. A fallen tree damaged a house and a nearby propane tank. Metal was torn off hangars at the Mayfield-Graves County Airport. At least three barns were blown across highways across the county. One person was injured when their vehicle struck a downed tree on U.S. Highway 45 just south of Wingo. The steeple of a church was toppled.</p>				
<hr/>				
<b>LIVINGSTON COUNTY --- 0.7 N SMITHLAND [37.14, -88.40], 0.7 SE BURNA [37.24, -88.36]</b>				
	01/29/08 17:10 CST		20K	Thunderstorm Wind (EG 52 kt)
	01/29/08 17:15 CST		0	Source: Law Enforcement
<p>Numerous trees were down, blocking roadways countywide. A horse trailer was blown over on U.S. Highway 60.</p>				
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<b>CALLOWAY COUNTY --- 2.0 WNW COLDWATER [36.66, -88.48]</b>				



## Storm Data and Unusual Weather Phenomena - January 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/29/08 17:14 CST		75K	Thunderstorm Wind (EG 70 kt)
	01/29/08 17:14 CST		0	Source: Emergency Manager
<p>Significant damage occurred to a few houses in a small subdivision along Kentucky 121 near the Graves County line. Windows were blown in, and a set of stairs was blown onto a porch. A nearby shop of block construction on Route 121 was blown down. The roof was blown into the yard, and a nearby vehicle was heavily damaged. The roof was slightly displaced from a nearby house. A barn was destroyed, and trees were uprooted and snapped.</p>				
<hr/>				
<b>MARSHALL COUNTY --- CALVERT CITY [37.03, -88.35], 0.9 NW HARDIN [36.78, -88.31]</b>				
	01/29/08 17:16 CST		75K	Thunderstorm Wind (EG 61 kt)
	01/29/08 17:22 CST		0	Source: Trained Spotter
<p>An empty tractor-trailer rig was blown over on a ramp from Interstate 24 to the southbound Purchase Parkway. In Benton, two large sections of roof were lifted off an antique store. Around the county, several outbuildings were destroyed, and roofs were damaged. A tree fell on a parked car between Benton and Hardin.</p>				
<hr/>				
<b>CRITTENDEN COUNTY --- 2.1 NNW CRAYNE [37.30, -88.10], 1.1 WNW REPTON [37.39, -88.04]</b>				
	01/29/08 17:21 CST		20K	Thunderstorm Wind (EG 52 kt)
	01/29/08 17:33 CST		0	Source: Emergency Manager
<p>Several trees and some power lines were reported down across the county.</p>				
<hr/>				
<b>CALLOWAY COUNTY --- LYNN GROVE [36.60, -88.43], 2.5 E NEW CONCORD [36.55, -88.10]</b>				
	01/29/08 17:22 CST		0.10M	Thunderstorm Wind (EG 65 kt)
	01/29/08 17:37 CST		0	Source: Newspaper
<p>Numerous trees and large limbs were down near the Murray State University campus. A wind gust to 62 mph was measured at the Calloway County airport. A metal shed was blown over at Dexter. Highway 94 was blocked for three to four hours by trees. One building at a seed company on Highway 299 was destroyed. Numerous trees were blown down in the southeast part of the county. A barn was blown down near Browns Grove. A number of trees and power lines were down across the county. Shingles were blown off buildings.</p>				
<hr/>				
<b>LIVINGSTON COUNTY --- 0.6 E SALEM [37.27, -88.24]</b>				
	01/29/08 17:22 CST		10K	Thunderstorm Wind (EG 54 kt)
	01/29/08 17:22 CST		0	Source: Trained Spotter
<p>A building was damaged, and a shed was destroyed.</p>				
<hr/>				
<b>LIVINGSTON COUNTY --- 0.9 NW GRAND RIVERS [37.01, -88.24]</b>				
	01/29/08 17:26 CST		0.18M	Thunderstorm Wind (EG 61 kt)
	01/29/08 17:26 CST		0	Source: Law Enforcement
<p>At least nine sailboats were blown over that were stacked in drydock. Nearby trees were down.</p>				
<hr/>				
<b>CALLOWAY COUNTY --- 0.7 S MURRAY [36.61, -88.32]</b>				
	01/29/08 17:28 CST		0	Hail (0.75 in)
	01/29/08 17:28 CST		0	Source: Trained Spotter
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<b>CALLOWAY COUNTY --- 0.7 S MURRAY [36.61, -88.32]</b>				
	01/29/08 17:30 CST		0	Funnel Cloud
	01/29/08 17:30 CST		0	Source: Trained Spotter
<p>A funnel was reported with rotation along Highway 161. A wall cloud was also observed.</p>				
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<b>HENDERSON COUNTY --- 1.0 N HENDERSON [37.84, -87.58], 3.0 SE WHITE CITY [37.92, -87.54]</b>				
	01/29/08 17:30 CST		40K	Thunderstorm Wind (EG 61 kt)
	01/29/08 17:30 CST		0	Source: Emergency Manager
<p>At Ellis Park, the roof was torn off the equipment building. Two barns were damaged or destroyed. Trees and power lines were blown down. Power lines and a few trees were blown down in Henderson.</p>				
<hr/>				
<b>LYON COUNTY --- 2.7 WSW KUTTAWA [37.05, -88.17], 2.3 NW SARATOGA [37.07, -88.03]</b>				
	01/29/08 17:30 CST		40K	Thunderstorm Wind (EG 56 kt)
	01/29/08 17:40 CST		0	Source: Emergency Manager

## Storm Data and Unusual Weather Phenomena - January 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Trees and power lines were blown down countywide. Minor structural damage occurred, mainly to roofs.

**WEBSTER COUNTY --- 1.5 E DERBY [37.47, -87.89], 0.5 N SEBREE [37.61, -87.53]**

01/29/08 17:35 CST			3K	Thunderstorm Wind (EG 50 kt)
01/29/08 17:50 CST			0	Source: Newspaper

A few trees were blown down across the county. Kentucky Highway 120 was blocked at the Crittenden County line near the Tradewater River bridge.

**CALDWELL COUNTY --- PRINCETON [37.12, -87.87]**

01/29/08 17:45 CST			10K	Thunderstorm Wind (EG 52 kt)
01/29/08 17:45 CST			0	Source: Trained Spotter

Trees were blown down in the city and surrounding county roads. Some bricks were blown off buildings.

**TRIGG COUNTY --- LINTON [36.68, -87.90], CADIZ [36.87, -87.82]**

01/29/08 17:45 CST			75K	Thunderstorm Wind (EG 61 kt)
01/29/08 17:45 CST			0	Source: Emergency Manager

At least two barns were destroyed. At the county recreation complex, roofs were blown off the maintenance shed and two dugouts. Power poles were blown over. Trees were down across roadways all over the county, but more commonly from Linton to around Donaldson Creek.

**HOPKINS COUNTY --- DAWSON SPGS [37.17, -87.70], MADISONVILLE [37.33, -87.50]**

01/29/08 17:53 CST			80K	Thunderstorm Wind (EG 56 kt)
01/29/08 18:00 CST			0	Source: Trained Spotter

A number of trees were down countywide, including some on roadways. One house was heavily damaged when a 100-foot oak tree landed in the living room. The Pennyrile Parkway exit on U.S. Highway 62 near Nortonville was blocked by a fallen tree. A tree damaged the window and side of a house in Nortonville. An apartment building in Dawson Springs received damage. A moving vehicle struck a fallen tree in Dawson Springs. Half of Dawson Springs was without power. A tree toppled onto a moving truck in a rural area, but the driver was not injured. A radiator repair shop sustained roof damage. Power lines were down in Madisonville.

**DAVIESS COUNTY --- OWENSBORO [37.77, -87.12], 2.5 SE MASONVILLE [37.64, -87.00]**

01/29/08 18:00 CST			10K	Thunderstorm Wind (EG 50 kt)
01/29/08 18:15 CST			0	Source: Emergency Manager

Four trees were blown down, including one on a power line. U.S. 231 was blocked by a fallen tree at the Ohio County line.

**CHRISTIAN COUNTY --- 0.7 SSW CROFTON [37.04, -87.48], 0.5 NNE GARRETSBURG [36.68, -87.53]**

01/29/08 18:05 CST			0.25M	Thunderstorm Wind (EG 61 kt)
01/29/08 18:17 CST	1		0	Source: Trained Spotter

At a shopping mall in Hopkinsville, glass windows were blown out of a department store. A woman was injured when a flying glass pane struck her in the back. She was treated at a hospital for cuts to her back. Five tractor-trailer rigs were blown over, including one blown over on Interstate 24. One of the trucks was a fuel tanker that was leaking fuel. Widespread tree damage was reported from Crofton through Hopkinsville. Hundreds of trees were blown down, despite not being in leaf. At least a few cars were damaged by falling trees. At an industrial park, two storage buildings sustained roof damage. Another building collapsed. Several utility poles were snapped. Lots of shingles were ripped off roofs. A couple of mobile homes were damaged. A commercial building sign was blown over. A wind gust to 69 mph was measured at the Fort Campbell weather station.

**MUHLENBERG COUNTY --- POWDERLY [37.23, -87.17], DRAKESBORO [37.22, -87.05]**

01/29/08 18:20 CST			25K	Thunderstorm Wind (EG 52 kt)
01/29/08 18:30 CST			0	Source: Newspaper

About 15 trees fell on roads and into power lines.

**TODD COUNTY --- 1.8 ESE TRENTON [36.71, -87.24], 2.0 ENE SHARON GROVE [36.93, -87.07]**

01/29/08 18:20 CST			75K	Thunderstorm Wind (EG 65 kt)
01/29/08 18:30 CST			0	Source: Law Enforcement

Widespread downed trees and power lines were reported countywide. On Highway 106 northeast of Sharon Grove, an old mobile home that was not tied down was flipped over. In the same area, four to five large oak trees were down, and a garage was damaged. The roofs on a house and garage were heavily damaged. Two buildings used for storage were destroyed. Several houses and barns in the area sustained minor damage.

**A powerful cold front moved rapidly southeast across western Kentucky during the late afternoon hours. An organized line of severe**

## Storm Data and Unusual Weather Phenomena - January 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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thunderstorms developed along the front as it crossed southeast Missouri, then swept east across western Kentucky. Widespread damaging winds accompanied the line of storms. Temperatures fell about 30 degrees in less than one hour when the very strong cold front passed through.

**(KY-Z001) FULTON, (KY-Z009) CALLOWAY**

01/29/08 17:20 CST			0.16M	High Wind (MAX 78 kt)
01/29/08 17:40 CST			0	

A brief period of high winds followed in the wake of a cold front passage. The most intense damage occurred in Hickman in Fulton County, where estimated winds of 90 mph occurred. The bulk of the damage occurred in downtown Hickman and two blocks west, along a bluff over the Mississippi River. Two multi-level brick buildings over 100 years old received major damage. The roof was stripped off an historic hotel, and the entire face of the second building crumbled. The canopies of a gas station and another building were destroyed. The second story porch of a home atop the bluff was destroyed. There was widespread roof shingle damage, street sign damage, and tree damage. A few vehicles were damaged or destroyed by falling debris. A couple of houses were hit by falling trees. An old hardware store suffered major damage. At one point, 11 city streets, six county roads, and six state highways were partially or totally blocked by debris. The largest magnolia tree in the state fell. In Murray, a tree was blown over. The tree landed on several cars.

**MUHLENBERG COUNTY --- PARADISE [37.27, -86.98], 0.3 WSW PARADISE [37.27, -86.98], 0.7 SSE PARADISE [37.26, -86.98], 0.4 SSE PARADISE [37.27, -86.98]**

01/11/08 18:00 CST			0	Flood (due to Heavy Rain)
01/14/08 14:00 CST			0	Source: Other Federal

Minor flooding of the Green River occurred. At the Paradise gage, where flood stage is 380 feet, the river crested at 381.72 feet on the 12th. Minor flooding of bottomland fields occurred.

The new year started off as an active one, with numerous systems traversing the region. These systems brought rain, snow, and thunder. The frequency of systems caused enough rainfall to push the Green River above flood stage.

**TODD COUNTY --- ELKTON [36.82, -87.15], 0.2 WNW ELKTON [36.82, -87.15], 0.2 WNW ELKTON [36.82, -87.15], 0.0 WSW ELKTON [36.82, -87.15]**

01/10/08 13:05 CST			0	Flood (due to Heavy Rain)
01/10/08 16:00 CST			0	Source: Unknown

The north fork of Elk Creek was out of its banks.

Low pressure over south central Missouri produced an unseasonably mild south wind flow. Thunderstorms with heavy rain developed in the southerly flow ahead of a cold front approaching the Mississippi Valley.

### MISSOURI, Southeast

**STODDARD COUNTY --- 1.0 E DEXTER [36.80, -89.93]**

01/08/08 12:37 CST			5K	Thunderstorm Wind (EG 61 kt)
01/08/08 12:37 CST			0	Source: Newspaper

Several utility poles were snapped along Highway 114.

**STODDARD COUNTY --- 1.8 SSE IDALIA [36.85, -89.84], 0.5 W BIRDS CORNER [36.90, -89.78]**

01/08/08 12:40 CST			0.25M	Tornado (EF1, L: 4.78 mi , W: 120 yd)
01/08/08 12:45 CST			0	Source: NWS Storm Survey

One house was heavily damaged. The roof was partially torn off the house, and debris was thrown 100 to 200 yards. Three outbuildings and an equipment shed were destroyed. A trailer was thrown about 75 yards. Approximately ten power poles were snapped in half. Windows of vehicles were broken by debris. A few large trees were snapped. A pump house was blown into a propane tank, causing a propane leak. There were two eyewitness accounts of a funnel cloud. Peak winds were estimated at 110 mph. The average path width was about 100 yards.

**BUTLER COUNTY --- POPLAR BLUFF [36.75, -90.40], 3.4 NE HARVIELL [36.70, -90.42], 3.4 S POPLAR BLUFF [36.70, -90.41], 0.4 ESE POPLAR BLUFF [36.75, -90.39]**

01/08/08 15:30 CST			0	Flood (due to Heavy Rain)
01/08/08 19:30 CST			0	Source: Emergency Manager

The Black River was out of its banks south of Poplar Bluff over Highway 142. Street flooding occurred in Poplar Bluff.

## Storm Data and Unusual Weather Phenomena - January 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A strengthening warm front over far southern Illinois and western Kentucky became the focus for strong to locally severe thunderstorms. As this warm front moved slowly north, dew points in the upper 50's spread north from Tennessee. Instability was weak, but low-level wind shear was very favorable.

**(MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER**

01/31/08 10:00 CST	0	Winter Storm
01/31/08 23:59 CST	0	

A deepening surface low pressure system tracked northward from the Lower Mississippi Valley, passing across far western Kentucky. Cold air wrapped southward around the back side of the low, keeping precipitation frozen or freezing over parts of southeast Missouri. Storm total precipitation ranged from 3 to 6 inches over the hilly terrain north and west of Cape Girardeau. Specific snow and sleet accumulations included 4 inches at Marble Hill (Bollinger County), 5 inches at Jackson (Cape Girardeau County), 3.5 inches at Cape Girardeau, 5 inches in Carter County, and 5 inches in Piedmont (Wayne County). In addition, a light glaze of ice up to one-tenth inch occurred in some places. Slick roads caused a rash of accidents. Most schools dismissed early, once the precipitation became steady. At least 20 accidents were reported in the city of Cape Girardeau. Schools dismissed early in some areas, including Wayne County.

**BOLLINGER COUNTY --- LUTESVILLE [37.30, -89.98]**

01/29/08 15:44 CST	0	Hail (0.75 in)
01/29/08 15:44 CST	0	Source: Trained Spotter

Penny size hail was covering the ground.

**CAPE GIRARDEAU COUNTY --- OAK RIDGE [37.50, -89.73]**

01/29/08 15:48 CST	3K	Thunderstorm Wind (EG 56 kt)
01/29/08 15:48 CST	0	Source: Trained Spotter

Shingles were blown off of a home.

**CAPE GIRARDEAU COUNTY --- 0.8 E DUTCHTOWN [37.25, -89.66], 2.3 NNE NASH [37.26, -89.61]**

01/29/08 15:50 CST	60K	Thunderstorm Wind (EG 70 kt)
01/29/08 15:52 CST	0	Source: NWS Storm Survey

Just east of Dutchtown on Highway 74, a 40 by 60 foot pole barn was flattened. A few nearby houses lost numerous shingles. Other barns and sheds in the area lost sections of roofing. A few trees were uprooted, and fences were damaged. The large door of a new machine shed was blown in. Peak winds were estimated near 80 mph.

**CAPE GIRARDEAU COUNTY --- LEEMON [37.47, -89.60], JACKSON [37.38, -89.67]**

01/29/08 15:59 CST	0	Hail (0.88 in)
01/29/08 16:08 CST	0	Source: Emergency Manager

**SCOTT COUNTY --- MINER [36.90, -89.53], SCOTT CITY [37.25, -89.52]**

01/29/08 16:05 CST	40K	Thunderstorm Wind (EG 70 kt)
01/29/08 16:10 CST	1	Source: Emergency Manager

An abandoned mobile home was blown into trees off U.S. Highway 61 near Morley. At least four semis and three recreational vehicles were blown over on Interstate 55 between the Cape Girardeau County line and Interstate 57. The driver of an overturned semi was taken to a local hospital and treated for minor injuries. Interstate 55 was closed both north and southbound from mile markers 40 to 80.

**CAPE GIRARDEAU COUNTY --- 1.3 WNW CAPE GIRARDEAU [37.31, -89.55]**

01/29/08 16:06 CST	0	Hail (0.88 in)
01/29/08 16:06 CST	0	Source: Trained Spotter

**CAPE GIRARDEAU COUNTY --- 1.3 ENE ORIOLE [37.46, -89.51], 0.8 NNE MOCCASIN SPGS [37.46, -89.46]**

01/29/08 16:09 CST	75K	Tornado (EF1, L: 2.61 mi , W: 200 yd)
01/29/08 16:12 CST	0	Source: NWS Storm Survey

## Storm Data and Unusual Weather Phenomena - January 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>The tornado touched down along Highway 177, where a hay barn was destroyed and one storage building sustained major damage. One house was damaged when it was struck by large portions of the hay barn. Another house sustained extensive shingle damage. Utility poles were snapped. A large 5000 gallon steel fuel tank converted for use as a culvert was moved. Witnesses within a few miles of the tornado reported a funnel cloud. Due to the hilly and wooded nature of the terrain, the observers may not have seen contact with the ground. The tornado crossed the Trail of Tears State Park, where numerous large trees were snapped or uprooted. Many of these trees were oak trees that were not in leaf during this mid-winter tornado. The downed trees in the park blocked in a couple of hikers. The average path width was about 150 yards. Peak winds were estimated near 95 mph. The tornado proceeded across the Mississippi River into Union County, Illinois.</p>				

**NEW MADRID COUNTY --- 5.3 N MATTHEWS [36.85, -89.58]**

01/29/08 16:10 CST	10K	Thunderstorm Wind (EG 55 kt)
01/29/08 16:10 CST	0	Source: Newspaper

Several power poles were snapped.

**MISSISSIPPI COUNTY --- ALFALFA CENTER [36.97, -89.20], 1.7 ESE CHALLENGOR [36.79, -89.32]**

01/29/08 16:17 CST	0.10M	Thunderstorm Wind (EG 61 kt)
01/29/08 16:32 CST	0	Source: Emergency Manager

A couple of metal buildings were blown across fields. Approximately 20 telephone poles were snapped off.

**PERRY COUNTY --- ALTENBURG [37.63, -89.58]**

01/29/08 16:20 CST	10K	Thunderstorm Wind (EG 56 kt)
01/29/08 16:20 CST	0	Source: Emergency Manager

A large open-front machine shed was destroyed. Trees were topped off.

**A powerful cold front moved rapidly southeast across southeast Missouri during the late afternoon hours. The temperature dropped 38 degrees between 4 and 8 P.M. in Cape Girardeau. An organized line of severe thunderstorms developed along the front as it crossed southeast Missouri. Widespread damaging winds accompanied the line of storms by the time they reached the Mississippi River.**

**(MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD**

01/29/08 15:05 CST	1.71M	High Wind (MAX 78 kt)
01/29/08 16:25 CST	0	

A brief period of high winds followed in the wake of a cold front passage. Wind gusts were measured up to 61 mph at the Poplar Bluff airport, 60 mph at Doniphan in Ripley County, and 62 mph at the Cape Girardeau airport. In Qulin, the roof and wall was blown off a vacant gas station. A portable building in Qulin was rolled into a mobile home. In Poplar Bluff, four power poles were snapped, and at least 21 trees were downed. Many homes lost shingles. At the Dexter airport in Stoddard County, a number of planes were blown around and damaged. Over a dozen planes received major damage, and about 33 of 36 hangars were damaged. Some hangars were destroyed. The roof of the airport restaurant was blown off. A concrete block building used to repair aircraft was demolished. Considerable roof damage occurred to homes and businesses across the Dexter area. Numerous trees were down in Bloomfield, and a few landed on vehicles and houses. A window was blown out of the courthouse in Bloomfield. A communications tower was blown down. In Bollinger County, the roof was blown off a barn in Grassy. Countywide, there were numerous downed trees and power lines in Carter County. Several roofs sustained shingle damage. In Wayne County, trees were down across Highways 34, 49, A, E, and FF.

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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**ILLINOIS, South**

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<b>(IL-Z075) JEFFERSON, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z084) JACKSON</b>				
	02/01/08 00:00 CST		0	Winter Storm
	02/01/08 05:00 CST		0	

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<b>(IL-Z076) WAYNE, (IL-Z077) EDWARDS</b>				
	02/01/08 00:00 CST		0	Winter Weather
	02/01/08 04:00 CST		0	

A deepening surface low pressure system tracked northward from the Lower Mississippi Valley, passing across far western Kentucky. Cold air wrapped southward around the back side of the low, keeping precipitation frozen or freezing over parts of southern Illinois. Storm total precipitation ranged from 3 to 6 inches west of Interstate 57. Specific snow and sleet accumulations included 5 inches at Ava (near Carbondale in Jackson County), 3 inches at Carbondale, and 3 inches at Pinckneyville (in Perry County). In addition, a light glaze of ice up to one-tenth inch occurred in some places. To the south and east, lesser accumulations between one and two inches occurred. Numerous accidents were reported. Two persons were injured in separate accidents in Wayne County.

**MISSOURI, Southeast**

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<b>(MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER</b>				
	02/01/08 00:00 CST		0	Winter Storm
	02/01/08 05:00 CST		0	

A deepening surface low pressure system tracked northward from the Lower Mississippi Valley, passing across far western Kentucky. Cold air wrapped southward around the back side of the low, keeping precipitation frozen or freezing over parts of southeast Missouri. Storm total precipitation ranged from 3 to 6 inches over the hilly terrain north and west of Cape Girardeau. Specific snow and sleet accumulations included 4 inches at Marble Hill (Bollinger County), 5 inches at Jackson (Cape Girardeau County), 3.5 inches at Cape Girardeau, 5 inches in Carter County, and 5 inches in Piedmont (Wayne County). In addition, a light glaze of ice up to one-tenth inch occurred in some places.